



# OUTDOOR LIGHTING 2025

DEUTSCH / ENGLISH

# FLOS

Outdoor



FLOS

Outdoor



Die Farbtemperatur 2200K ist für die meisten Produkte in diesem Katalog auf Anfrage erhältlich.

Bitte fragen Sie uns nach der Verfügbarkeit, falls Sie weitere Informationen für Ihr Beleuchtungsprojekt benötigen.

The 2200K color temperature is available upon request for most of the products featured in this catalogue.

Please consult us for availability in case you need more information for your lighting project.



# Inground

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## Landlord

292



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## A - Round

470



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## A - Rise

480



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## Gobi

504



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## C - Me

526

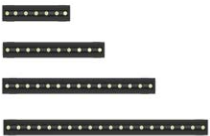


# Linear

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## Ingraze

542



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## Outgraze

604



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## Tau

654



# Spotlights

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## Spine

16



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## Landlord

292



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## Belvedere

348



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## Heavy Metal

440



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## Kirk

710



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## Spock

718



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## Aimer

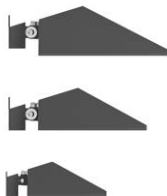
730



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## Franco

764



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## Perseo

786



## Table / Floor

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### In Vitro Unplugged

186



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### Mayday Outdoor

198



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### Captain Flint

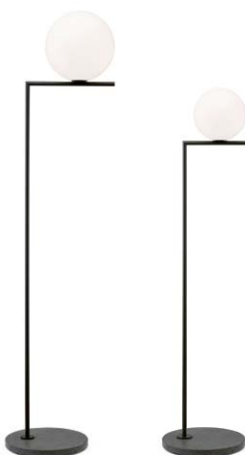
240



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### IC Lights

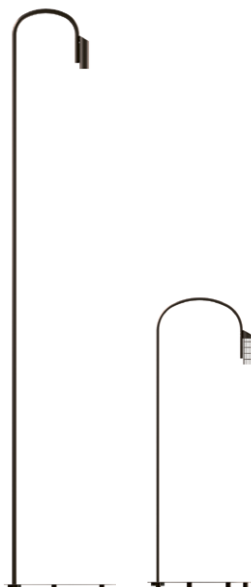
250



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### Caule

258



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### K - Tribe

285





# Table / Floor

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## Superarchimoon

285



## Bollard

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### Pointbreak

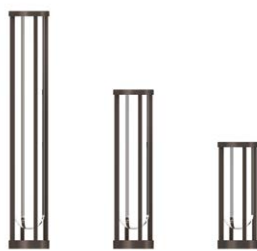
156



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### In Vitro

186



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### Mile

206



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### Caule

258



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### Landlord

292



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### Bellhop

310

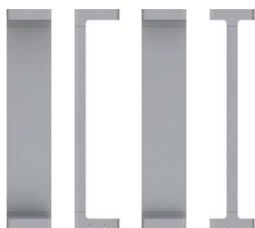


# Bollard

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## Casting

322



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## Casting Concrete

322



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## Walkstick

334



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## Klein Pro

360



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## Zefiro

370



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## I - Ron

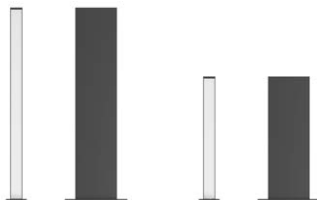
380



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## Talia

388



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## Aimer 2 Pole

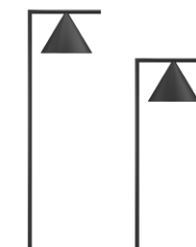
730



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## Captain Flint Bollard

240



# Wall

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## Pointbreak

156



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## In Vitro

186



---

## Mile

206



---

## Captain Flint

240



---

## IC Lights

250



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## Flauta

274



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## Bellhop

310



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## Belvedere

348



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## Camouflage

416



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## Climber

426



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## Heavy Metal

440



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## Platter

686



# Wall

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## Dooku

810



# Graphic Light

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## Fenestra

462



# Ceiling / Suspension

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## Pointbreak

156



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## In Vitro

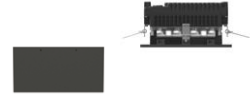
186



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## Mile

206



---

## IC Lights

250



---

## Romeo

285



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## Leila

698



---

## Platter

686



# Path

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## Mile

206



---

## Wallstick

334



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## Real Matter

398



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## My Way

408



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## Gobi

504



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## Eclipse

666



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## Hyperion

676



# Pole / Pole Top

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## Bellhop

310



---

## Franco

764



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## Perseo

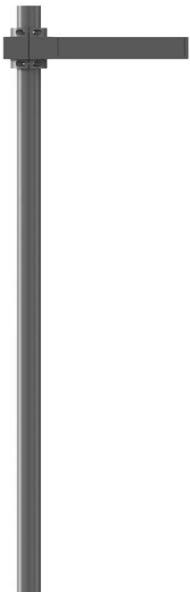
786



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## Dooku

810

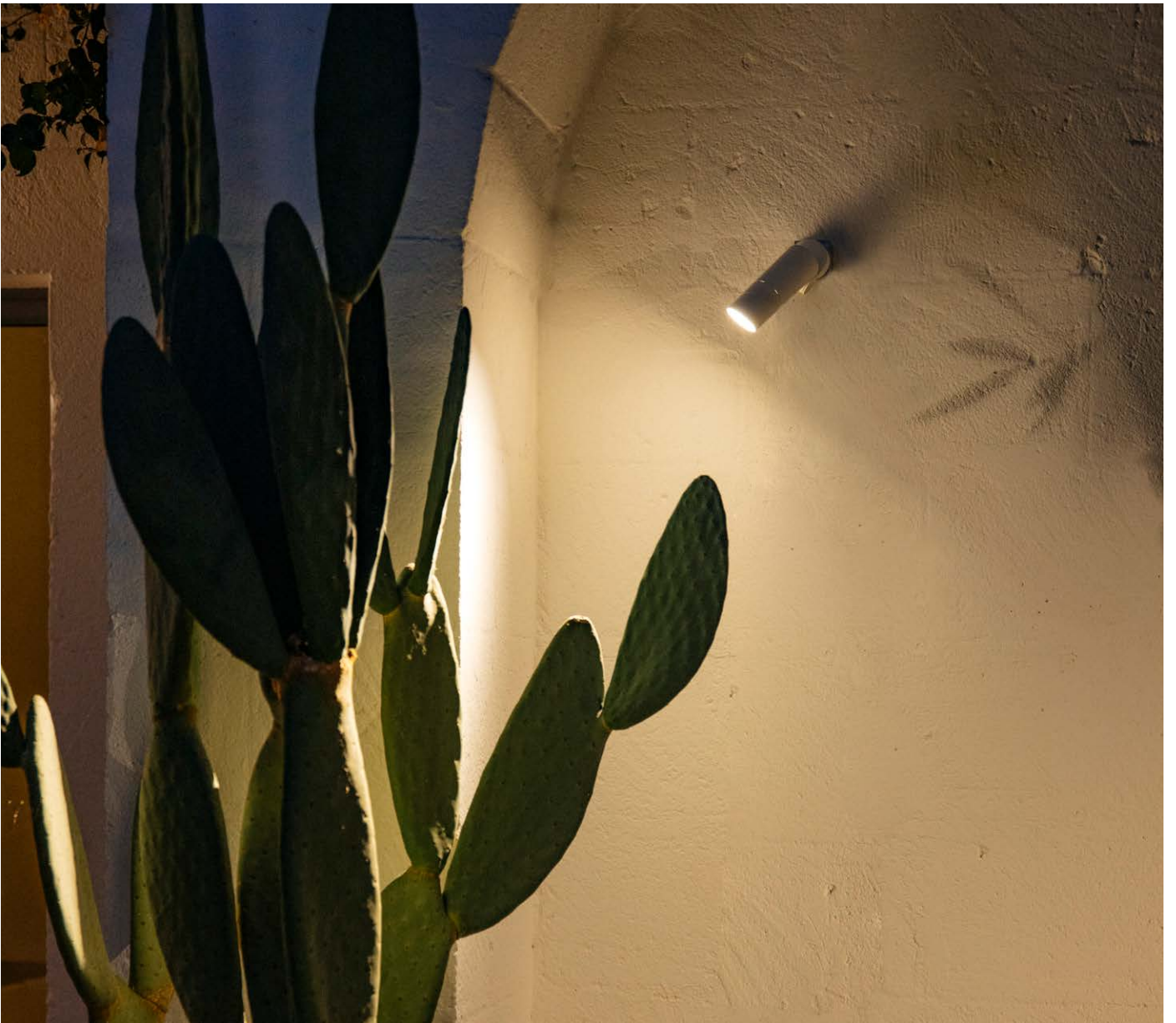


# Spine

Designed by Vincent Van Duysen

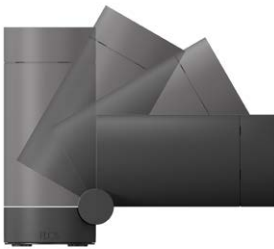












#### BEWEGUNGSFREIHEIT

Spine bedeutet Wirbelsäule und ist eine Referenz auf die Gelenkigkeit des Lampenkörpers, der mit einer gleitenden Skala ausgestattet ist, die sowohl horizontal als auch vertikal um 360° bzw. 270° verstellt werden kann.

#### FREE TO MOVE

Spine means backbone, an image referenced in the joint of the lighting body, equipped with a graduated scale, which can be adjusted both horizontally and vertically by 360° and 270° respectively.

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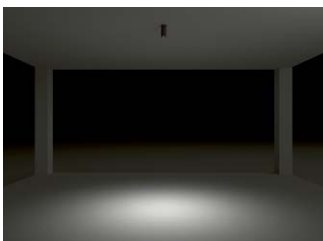
#### ZUKUNFTSWEISEND

Das Kopfteil wurde mit austauschbaren Rahmen konzipiert, um die Leistung der Leuchte dank spezieller optischer, untereinander kombinierbare Zubehörteile, den verschiedensten Projektanforderungen anpassen zu können.

#### FUTURE PROOF

The top head has been designed with interchangeable frames to customize the fixture's performance thanks to dedicated optic accessories that can be mixed to fulfill the project requirements.

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#### UNVERGLEICHBARER VISUELLER KOMFORT

Eine Revolution in der Akzentbeleuchtung für den Außenbereich. Die optische Gruppe wurde mit Blick auf den Endverbraucher entwickelt, so dass die Lichtquelle nicht sichtbar ist und maximaler visueller Komfort erreicht wird, ohne dass die Effizienz und die kompakten Maße beeinträchtigt werden.

#### UNCOMPARABLE VISUAL COMFORT

A revolution in outdoor accent lighting. The optical group has been designed with the end users in mind, so that the source remains hidden from view, achieving maximum visual comfort without sacrificing efficiency and compact dimensions.

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#### UNSICHTBARER NETZANSCHLUSS

Das Netzteil ist in das Gehäuse der Leuchte integriert, so dass alle Anschlüsse im Sockel verborgen sind.

#### CONNECTIONS HIDDEN FROM VIEW

The driver is integrated within the fixture's body making all connections hidden in the base.

## Familie / Family

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### Spine 0 Pro



#### Power Led

up to 5W  
up to 368 lm - 2700K/CRI 80  
up to 377 lm - 3000K/CRI 80  
up to 413 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

### Spine 0 Ultra



#### Power Led

up to 5W  
up to 368 lm - 2700K/CRI 80  
up to 377 lm - 3000K/CRI 80  
up to 413 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

### Spine 1 Absolute



#### CoB Led

up to 11W  
up to 923 lm - 2700K/CRI 80  
up to 982 lm - 3000K/CRI 80  
up to 1011 lm - 4000K/CRI 80  
Net lumen output

### Spine 1 Pro



#### Power Led

up to 3,5W  
up to 143 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 154 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

#### Power Led

up to 7,9W  
up to 550 lm - 2700K/CRI 80  
up to 571 lm - 3000K/CRI 80  
up to 591 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

#### Power Led HP

HP up to 10,5W  
HP up to 680 lm - 2700K/CRI 80  
HP up to 706 lm - 3000K/CRI 80  
HP up to 730 lm - 4000K/CRI 80  
Net lumen output

### Spine 1 Ultra



#### Power Led

up to 3,5W  
up to 143 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 154 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

#### Power Led

up to 7,9W  
up to 550 lm - 2700K/CRI 80  
up to 571 lm - 3000K/CRI 80  
up to 591 lm - 4000K/CRI 80  
Net lumen output  
[2200K available on request.](#)

#### Power Led HP

HP up to 10,5W  
HP up to 680 lm - 2700K/CRI 80  
HP up to 706 lm - 3000K/CRI 80  
HP up to 730 lm - 4000K/CRI 80  
Net lumen output

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## Spine 2 Absolute



### CoB Led

up to 19,5W  
up to 1939 lm - 2700K/CRI 80  
up to 2085 lm - 3000K/CRI 80  
up to 2120 lm - 4000K/CRI 80  
Net lumen output

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## Spine 2 Pro



### Power Led

up to 4,1W  
up to 230 lm - 2700K/CRI 80  
up to 239 lm - 3000K/CRI 80  
up to 247 lm - 4000K/CRI 80  
Net lumen output  
2200K available on request.

### Power Led

up to 10,5W  
up to 769 lm - 2700K/CRI 80  
up to 808 lm - 3000K/CRI 80  
up to 846 lm - 4000K/CRI 80  
Net lumen output

### Power Led HP

HP up to 17W  
HP up to 1443 lm - 2700K/CRI 80  
HP up to 1497 lm - 3000K/CRI 80  
HP up to 1548 lm - 4000K/CRI 80  
Net lumen output  
2200K available on request.

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## Spine 2 Ultra



### Power Led

up to 4,1W  
up to 230 lm - 2700K/CRI 80  
up to 239 lm - 3000K/CRI 80  
up to 247 lm - 4000K/CRI 80  
Net lumen output  
2200K available on request.

### Power Led

up to 10,5W  
up to 769 lm - 2700K/CRI 80  
up to 808 lm - 3000K/CRI 80  
up to 846 lm - 4000K/CRI 80  
Net lumen output

### Power Led HP

HP up to 17W  
HP up to 1443 lm - 2700K/CRI 80  
HP up to 1497 lm - 3000K/CRI 80  
HP up to 1548 lm - 4000K/CRI 80  
Net lumen output  
2200K available on request.

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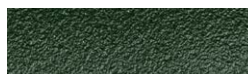
## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

Kollektion von professionellen und orientierbaren Outdoor-Strahlern, entworfen von Vincent Van Duysen. Die Strahler zeichnen sich durch ein minimalistisches und elegantes Design aus, das sich für die unterschiedlichsten Projekte eignet, vom Wohn- bis zum Hotelbedarf.

Sie sind mit modernsten LED-Lichtquellen ausgestattet und verfügen über verschiedene, qualitativ hochwertige optische Lösungen.

Die Kollektion besteht aus drei Modellen: ABSOLUTE, PRO und ULTRA. Jedes Modell ist in zwei Größen und Leistungsklassen erhältlich, wodurch maximale Vielseitigkeit gewährleistet und auf jede Anforderung angemessen reagiert wird: von der Akzentbeleuchtung mit extrafeinen Lichtstrahlen bis hin zur Beleuchtung für größere Flächen. Spine eignet sich für die Decken-, Wand- oder Bodenmontage, wobei bei der letzteren der Fuß separat bestellt werden muss.

Gehäuse und Kühlkörper aus gedrehtem Aluminium (Legierung EN AW 6060). Erhältlich in verschiedenen Ausführungen, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Zerstreuer aus gehärtetem und hochtransparentem Glas mit Siebdruck, der mit einem robotisierten Klebesystem fixiert wurde.

Die Linie ABSOLUTE für zwei Strahlöffnungen ist mit der leistungsstarken COB-LED-Technologie und mit reinem Aluminium beschichteten Polymerreflektoren ausgestattet.

Die Linien PRO und ULTRA sind mit SMD-LEDs der jüngsten Generation ausgestattet. Die optische Einheit ist in die Rückseite integriert und sorgt dank der Verwendung von maßgeschneiderten Linsen und außergewöhnlicher Leuchtleistung für ausgesprochenen visuellen Komfort. Die Möglichkeit Kollimatoren einzusetzen, um die Strahlöffnung zu modifizieren – von symmetrischen, schmalen oder breiten bis hin zu asymmetrischen und elliptischen Lichtabstrahlungen – erlaubt höchste Flexibilität, um allen Beleuchtungsanforderungen gerecht zu werden.

Um den Lichtstrahl vollständig zu steuern, verfügt die Linie ULTRA über einen integrierten Snoot und ermöglicht das Einsetzen zahlreicher Zubehörteile wie z.B. eine Wabe oder einen Display. Die exakte Regulierung der Strahlereinheit wird durch eine progressive Referenzskala gewährleistet; der vertikale Schwenkbereich beträgt 270°. Die Befestigungsplatte aus hochwiderstandsfähigem Technopolymer wiederum ermöglicht eine Drehung von 360° um die horizontale Achse und richtet so den Lichtstrahl je nach Bedarf. Der elektrische Anschluss erfolgt am Sockel mithilfe eines mitgelieferten wasserdichten Kabelverbinders. Diese Linie beinhaltet einen Bolzen als Zubehör und ist mit einem Neopren-Kabel für den elektrischen Anschluss mit Fernbedienung ausgestattet.

Die Kollektion wird ergänzt mit einer Reihe von Zubehör für die Boden- und Stangenmontage.

Family of outdoor, professional and adjustable projectors designed by Vincent Van Duysen. The product is characterized by a minimalist and elegant design suitable for the most varied contexts, from residential to hotel environments.

Equipped with state-of-the-art LED sources, they are completed by several upmarket optical solutions.

The family consists of three models: ABSOLUTE, PRO and ULTRA. Each model is available in two sizes and powers, which guarantee the maximum versatility and respond appropriately to any requirement: from accent lighting with extra-thin light beams to lighting for wider surfaces. Spine is ready for ground, wall or ceiling installation, and a pole can be ordered separately.

Turned aluminum body and heat sink (EN AW 6060 alloy). Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. Extra clear tempered glass diffuser with silkscreen border, fixed through a robotic gluing system. The ABSOLUTE version is equipped with a high-performance LED COB light source and polymer reflectors, covered in pure aluminum for two beam angles.

The PRO and ULTRA versions are equipped with a state-of-the-art LED SMD. The optical unit is integrated in the rear part, which guarantees an absolute visual comfort thanks to the use of customized lenses, as well as high lighting performances. The possibility of inserting collimators in the optical compartment that are designed to modify the beam angle—from punctual, medium and large symmetric beams to asymmetric and elliptical beams—guarantee an extreme flexibility to meet any lighting requirement.

To fully control the light beam, the ULTRA versions are equipped with an integrated supplied snoot and allow the insertion of numerous accessories such as the honeycomb and visor. The exact dimming of the emitting unit is guaranteed by the joint with a graduated reference scale printed on it, which ensures an orientation of 270° on the vertical axis. The high mechanical resistance technopolymer fixing plate allows 360° orientation on the horizontal axis, thus allowing the light beam to be directed according to individual requirements.

The electrical connections are made on the base by means of a watertight connector included. Version including a bollard as an accessory, equipped with a neoprene cable for remote electrical connection.

The family is completed by a series of accessories for solid surface and mast installation.





		SPINE ABSOLUTE		SPINE PRO					SPINE ULTRA							
MODEL	SPINE 1 ABSOLUTE	SPINE 2 ABSOLUTE	SPINE 0 PRO	SPINE 1 PRO		SPINE 1 PRO HP	SPINE 2 PRO		SPINE 2 PRO HP	SPINE 0 ULTRA	SPINE 1 ULTRA		SPINE 1 ULTRA HP	SPINE 2 ULTRA		SPINE 2 ULTRA HP
																
SIZE	ø70	ø90	ø50	ø70		ø70	ø90		ø90	ø50	ø70		ø70	ø90		ø90
LIGHT BEAM	Spot	Spot	Spot	Narrow Spot	Spot	Spot	Narrow Spot	Spot	Spot	Spot	Narrow Spot	Spot	Spot	Narrow Spot	Spot	Spot
	Medium Flood	Medium Flood	Medium Flood		Medium Flood	Medium Flood		Medium Flood	Medium Flood	Medium Flood		Medium Flood	Medium Flood		Medium Flood	Medium Flood
			Flood		Flood	Flood		Flood	Flood	Flood		Flood	Flood		Flood	Flood
			Wide Flood		Wide Flood	Wide Flood		Wide Flood	Wide Flood	Wide Flood		Wide Flood	Wide Flood		Wide Flood	Wide Flood
			Elliptical 1		Elliptical 1	Elliptical 1		Elliptical 1	Elliptical 1	Elliptical 1		Elliptical 1	Elliptical 1		Elliptical 1	Elliptical 1
			Elliptical 2		Elliptical 2	Elliptical 2		Elliptical 2	Elliptical 2	Elliptical 2		Elliptical 2	Elliptical 2		Elliptical 2	Elliptical 2
			Wall Washer		Wall Washer	Wall Washer		Wall Washer	Wall Washer	Wall Washer		Wall Washer	Wall Washer		Wall Washer	Wall Washer
POWER	11W	19,5W	5W	3,5W	7,9W	10,5W	4,1W	10,5W	17W	5W	3,5W	7,9W	10,5W	4,1W	10,5W	17W
FLUX 4000K	Up to 1011 lm	Up to 2120 lm	Up to 413 lm	Up to 154 lm	Up to 591 lm	Up to 730 lm	Up to 247 lm	Up to 846 lm	Up to 1548 lm	Up to 413 lm	Up to 154 lm	Up to 591 lm	Up to 730 lm	Up to 247 lm	Up to 846 lm	Up to 1548 lm
CCT						2200K *			2200K *							2200K *
		2700K				2700K			2700K							2700K
		3000K				3000K			3000K							3000K
		4000K				4000K			4000K							4000K
CRI	80		80		80		80		80		80		80		80	
CONTROL	on-off 230V	on-off 230V	on-off 230V	on-off 230V		on-off 230V	on-off 230V		on-off 230V	on-off 230V	on-off 230V		on-off 230V	on-off 230V		on-off 230V
	DALI *	DALI 230V	DALI *	DALI *		DALI *	DALI *		DALI 230V	DALI 230V	DALI *		DALI *	DALI 230V		DALI 230V
	1-10V *	1-10V 230V		1-10V *			1-10V *		1-10V 230V	1-10V 230V	1-10V *			1-10V 230V		
OPTICAL ACC.	<ul style="list-style-type: none"> <li>Honeycomb louvre</li> </ul>		<ul style="list-style-type: none"> <li>Honeycomb louvre</li> <li>Converter lens (medium flood/flood/wide flood/elliptical 1/ elliptical 2/wall washer)</li> </ul>	<ul style="list-style-type: none"> <li>Honeycomb louvre</li> </ul>	<ul style="list-style-type: none"> <li>Honeycomb louvre</li> <li>Converter lens (medium flood/flood/wide flood/elliptical 1/ elliptical 2/wall washer)</li> </ul>	<ul style="list-style-type: none"> <li>Honeycomb louvre</li> <li>Converter lens (medium flood/flood/wide flood/elliptical 1/ elliptical 2/wall washer)</li> <li>Visor</li> </ul>										
**MOUNTING OPTIONS	Ground Spike		Ground Spike		Ground Spike		Ground Spike		Ground Spike		Ground Spike		Ground Spike		Ground Spike	
	Rod		Rod		Rod		Rod		Rod		Rod		Rod		Rod	
	L Bracket		L Bracket		L Bracket		L Bracket		L Bracket		L Bracket		L Bracket		L Bracket	
	Pole		Pole		Pole		Pole		Pole		Pole		Pole		Pole	

\* Auf Anfrage / On demand  
\*\* Siehe nächste Seite /See next page



**Spine**

Ø70 / Ø90

Absolute / Pro / Ultra

Ø50

Pro / Ultra



**Spine F**

Ø70 / Ø90

Absolute / Pro / Ultra

Ø50

Pro / Ultra



5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

Neoprene output cable for remote electrical connection.

**Spine L**

Ø70 / Ø90

Absolute / Pro / Ultra



5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

Neoprene output cable for remote electrical connection.

**Spine T**

Ø70 / Ø90

Absolute / Pro / Ultra

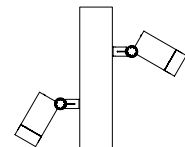
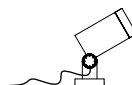
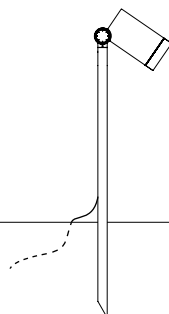
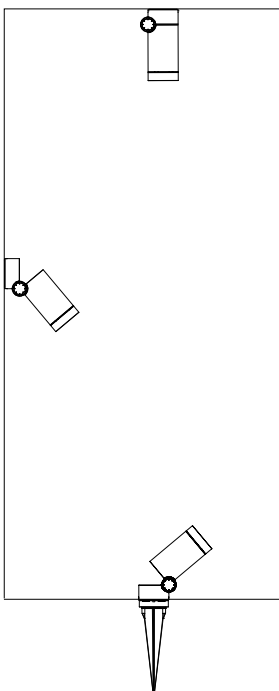
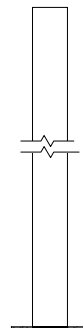
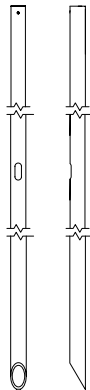
Ø50

Pro / Ultra

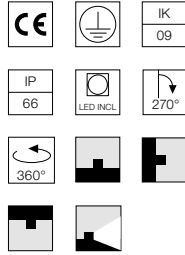
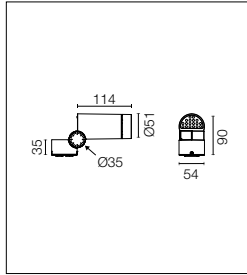


5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

Neoprene output cable for remote electrical connection.







Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027D2BA001
- F027D2BA006
- F027D2BA012
- F027D2BA018
- F027D2BA030
- F027D2BA033

**3000K**

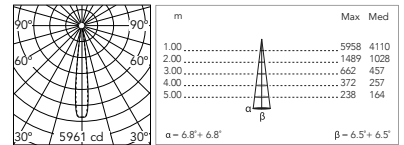
Non Dimmable

- F027D3BA001
- F027D3BA006
- F027D3BA012
- F027D3BA018
- F027D3BA030
- F027D3BA033

**4000K**

Non Dimmable

- F027D4BA001
- F027D4BA006
- F027D4BA012
- F027D4BA018
- F027D4BA030
- F027D4BA033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027D2CA001
- F027D2CA006
- F027D2CA012
- F027D2CA018
- F027D2CA030
- F027D2CA033

**3000K**

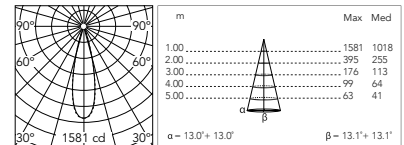
Non Dimmable

- F027D3CA001
- F027D3CA006
- F027D3CA012
- F027D3CA018
- F027D3CA030
- F027D3CA033

**4000K**

Non Dimmable

- F027D4CA001
- F027D4CA006
- F027D4CA012
- F027D4CA018
- F027D4CA030
- F027D4CA033



@ 3000K

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027D2DA001
- F027D2DA006
- F027D2DA012
- F027D2DA018
- F027D2DA030
- F027D2DA033

**3000K**

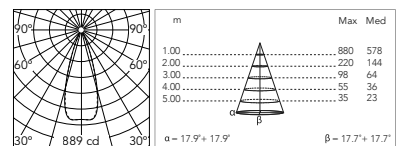
Non Dimmable

- F027D3DA001
- F027D3DA006
- F027D3DA012
- F027D3DA018
- F027D3DA030
- F027D3DA033

**4000K**

Non Dimmable

- F027D4DA001
- F027D4DA006
- F027D4DA012
- F027D4DA018
- F027D4DA030
- F027D4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027D2EA001
- F027D2EA006
- F027D2EA012
- F027D2EA018
- F027D2EA030
- F027D2EA033

**3000K**

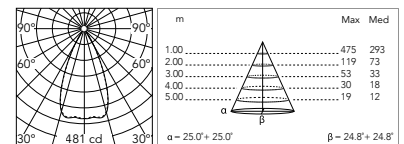
Non Dimmable

- F027D3EA001
- F027D3EA006
- F027D3EA012
- F027D3EA018
- F027D3EA030
- F027D3EA033

**4000K**

Non Dimmable

- F027D4EA001
- F027D4EA006
- F027D4EA012
- F027D4EA018
- F027D4EA030
- F027D4EA033



@ 3000K

# Spine 0 Pro

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027D2FA001
- F027D2FA006
- F027D2FA012
- F027D2FA018
- F027D2FA030
- F027D2FA033

### 3000K

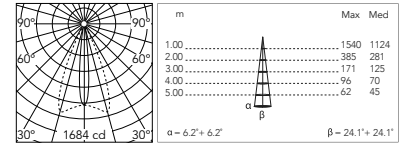
Non Dimmable

- F027D3FA001
- F027D3FA006
- F027D3FA012
- F027D3FA018
- F027D3FA030
- F027D3FA033

### 4000K

Non Dimmable

- F027D4FA001
- F027D4FA006
- F027D4FA012
- F027D4FA018
- F027D4FA030
- F027D4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027D2GA001
- F027D2GA006
- F027D2GA012
- F027D2GA018
- F027D2GA030
- F027D2GA033

### 3000K

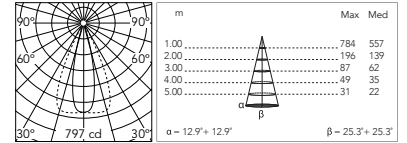
Non Dimmable

- F027D3GA001
- F027D3GA006
- F027D3GA012
- F027D3GA018
- F027D3GA030
- F027D3GA033

### 4000K

Non Dimmable

- F027D4GA001
- F027D4GA006
- F027D4GA012
- F027D4GA018
- F027D4GA030
- F027D4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027D2HA001
- F027D2HA006
- F027D2HA012
- F027D2HA018
- F027D2HA030
- F027D2HA033

### 3000K

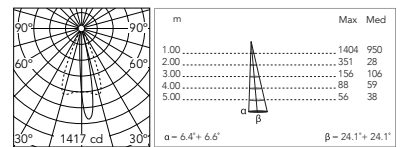
Non Dimmable

- F027D3HA001
- F027D3HA006
- F027D3HA012
- F027D3HA018
- F027D3HA030
- F027D3HA033

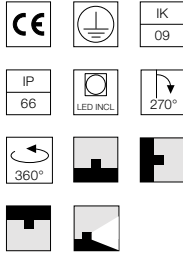
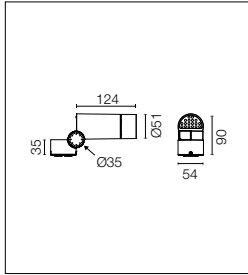
### 4000K

Non Dimmable

- F027D4HA001
- F027D4HA006
- F027D4HA012
- F027D4HA018
- F027D4HA030
- F027D4HA033



@ 3000K



Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027B2BA001
- F027B2BA006
- F027B2BA012
- F027B2BA018
- F027B2BA030
- F027B2BA033

**3000K**

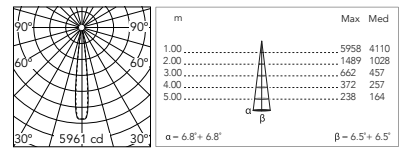
Non Dimmable

- F027B3BA001
- F027B3BA006
- F027B3BA012
- F027B3BA018
- F027B3BA030
- F027B3BA033

**4000K**

Non Dimmable

- F027B4BA001
- F027B4BA006
- F027B4BA012
- F027B4BA018
- F027B4BA030
- F027B4BA033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027B2CA001
- F027B2CA006
- F027B2CA012
- F027B2CA018
- F027B2CA030
- F027B2CA033

**3000K**

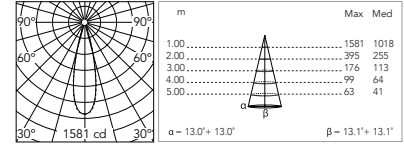
Non Dimmable

- F027B3CA001
- F027B3CA006
- F027B3CA012
- F027B3CA018
- F027B3CA030
- F027B3CA033

**4000K**

Non Dimmable

- F027B4CA001
- F027B4CA006
- F027B4CA012
- F027B4CA018
- F027B4CA030
- F027B4CA033



@ 3000K

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027B2DA001
- F027B2DA006
- F027B2DA012
- F027B2DA018
- F027B2DA030
- F027B2DA033

**3000K**

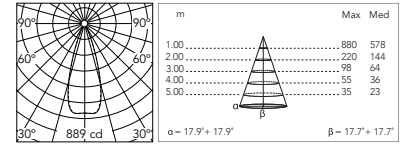
Non Dimmable

- F027B3DA001
- F027B3DA006
- F027B3DA012
- F027B3DA018
- F027B3DA030
- F027B3DA033

**4000K**

Non Dimmable

- F027B4DA001
- F027B4DA006
- F027B4DA012
- F027B4DA018
- F027B4DA030
- F027B4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027B2EA001
- F027B2EA006
- F027B2EA012
- F027B2EA018
- F027B2EA030
- F027B2EA033

**3000K**

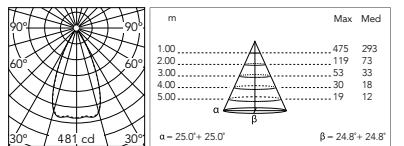
Non Dimmable

- F027B3EA001
- F027B3EA006
- F027B3EA012
- F027B3EA018
- F027B3EA030
- F027B3EA033

**4000K**

Non Dimmable

- F027B4EA001
- F027B4EA006
- F027B4EA012
- F027B4EA018
- F027B4EA030
- F027B4EA033



@ 3000K



# Spine 0 Ultra

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027B2FA001
- F027B2FA006
- F027B2FA012
- F027B2FA018
- F027B2FA030
- F027B2FA033

### 3000K

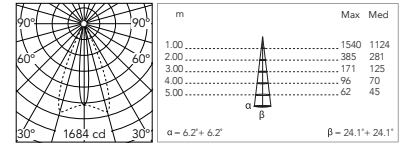
Non Dimmable

- F027B3FA001
- F027B3FA006
- F027B3FA012
- F027B3FA018
- F027B3FA030
- F027B3FA033

### 4000K

Non Dimmable

- F027B4FA001
- F027B4FA006
- F027B4FA012
- F027B4FA018
- F027B4FA030
- F027B4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027B2GA001
- F027B2GA006
- F027B2GA012
- F027B2GA018
- F027B2GA030
- F027B2GA033

### 3000K

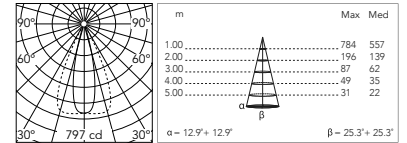
Non Dimmable

- F027B3GA001
- F027B3GA006
- F027B3GA012
- F027B3GA018
- F027B3GA030
- F027B3GA033

### 4000K

Non Dimmable

- F027B4GA001
- F027B4GA006
- F027B4GA012
- F027B4GA018
- F027B4GA030
- F027B4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027B2HA001
- F027B2HA006
- F027B2HA012
- F027B2HA018
- F027B2HA030
- F027B2HA033

### 3000K

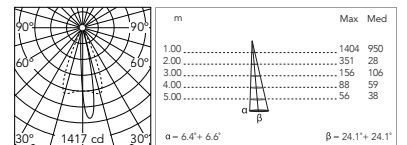
Non Dimmable

- F027B3HA001
- F027B3HA006
- F027B3HA012
- F027B3HA018
- F027B3HA030
- F027B3HA033

### 4000K

Non Dimmable

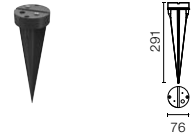
- F027B4HA001
- F027B4HA006
- F027B4HA012
- F027B4HA018
- F027B4HA030
- F027B4HA033



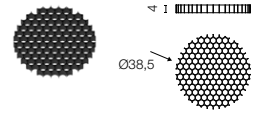
@ 3000K

## Spine 0 Pro: Zubehörteile / Accessories

Erdspieß. Ground spike. F027Z010000



Honeycomb Honeycomb Louvre F027Z060000



### Konverterlinse / Converter lenses:

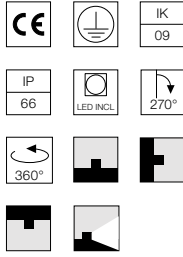
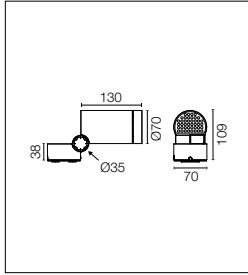
- Converter Spine 0 / Spine 1 Optic Medium Flood F029Z010000
- Converter Spine 0 / Spine 1 Optic Flood F029Z011000
- Converter Spine 0 / Spine 1 Optic Wide Flood F029Z012000
- Converter Spine 0 / Spine 1 Optic Elliptic 1 F029Z013000
- Converter Spine 0 / Spine 1 Optic Elliptic 2 F029Z014000
- Converter Spine 0 / Spine 1 Optic Wall Washer F029Z015000



## Spine 0 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F027Z050001</li> <li>● F027Z050006</li> <li>● F027Z050012</li> <li>● F027Z050018</li> <li>● F027Z050030</li> <li>● F027Z050033</li> </ul>	
Erdspieß.	Ground spike.	F027Z010000	
Honeycomb	Honeycomb Louvre	F027Z060000	
<b>Konverterlinse / Converter lenses:</b> <ul style="list-style-type: none"> <li>- Converter Spine 0 / Spine 1 Optic Medium Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Wide Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Elliptic 1</li> <li>- Converter Spine 0 / Spine 1 Optic Elliptic 2</li> <li>- Converter Spine 0 / Spine 1 Optic Wall Washer</li> </ul>		<ul style="list-style-type: none"> <li>F029Z010000</li> <li>F029Z011000</li> <li>F029Z012000</li> <li>F029Z013000</li> <li>F029Z014000</li> <li>F029Z015000</li> </ul>	

# Spine 1 Absolute



LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

## Optic Spot 15°

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025A2BA001
- F025A2BA006
- F025A2BA012
- F025A2BA018
- F025A2BA030
- F025A2BA033

### 3000K

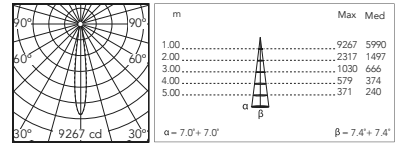
Non Dimmable

- F025A3BA001
- F025A3BA006
- F025A3BA012
- F025A3BA018
- F025A3BA030
- F025A3BA033

### 4000K

Non Dimmable

- F025A4BA001
- F025A4BA006
- F025A4BA012
- F025A4BA018
- F025A4BA030
- F025A4BA033



@ 3000K

## Optic Medium Flood 33°

**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025A2CA001
- F025A2CA006
- F025A2CA012
- F025A2CA018
- F025A2CA030
- F025A2CA033

### 3000K

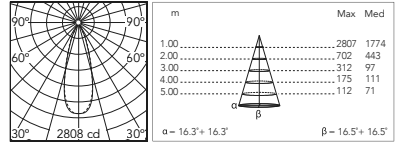
Non Dimmable

- F025A3CA001
- F025A3CA006
- F025A3CA012
- F025A3CA018
- F025A3CA030
- F025A3CA033

### 4000K

Non Dimmable

- F025A4CA001
- F025A4CA006
- F025A4CA012
- F025A4CA018
- F025A4CA030
- F025A4CA033



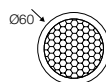
@ 3000K

## Spine 1 Absolute: Zubehörteile / Accessories

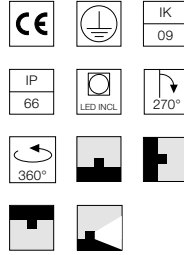
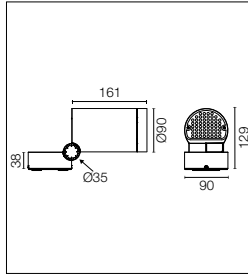
Erdspieß. Ground spike. F026Z010000



Honeycomb Honeycomb Louvre F025Z060000



Spine



LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

**Optic Spot 22°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026A2BA001.A
- F026A2BA006.A
- F026A2BA012.A
- F026A2BA018.A
- F026A2BA030.A
- F026A2BA033.A
- 1-10V
- F026A2BB001.A
- F026A2BB006.A
- F026A2BB012.A
- F026A2BB018.A
- F026A2BB030.A
- F026A2BB033.A
- Dali
- F026A2BD001.A
- F026A2BD006.A
- F026A2BD012.A
- F026A2BD018.A
- F026A2BD030.A
- F026A2BD033.A

**3000K**

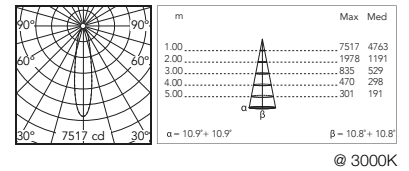
Non Dimmable

- F026A3BA001
- F026A3BA006
- F026A3BA012
- F026A3BA018
- F026A3BA030
- F026A3BA033
- 1-10V
- F026A3BB001
- F026A3BB006
- F026A3BB012
- F026A3BB018
- F026A3BB030
- F026A3BB033
- Dali
- F026A3BD001
- F026A3BD006
- F026A3BD012
- F026A3BD018
- F026A3BD030
- F026A3BD033

**4000K**

Non Dimmable

- F026A4BA001.A
- F026A4BA006.A
- F026A4BA012.A
- F026A4BA018.A
- F026A4BA030.A
- F026A4BA033.A
- 1-10V
- F026A4BB001.A
- F026A4BB006.A
- F026A4BB012.A
- F026A4BB018.A
- F026A4BB030.A
- F026A4BB033.A
- Dali
- F026A4BD001.A
- F026A4BD006.A
- F026A4BD012.A
- F026A4BD018.A
- F026A4BD030.A
- F026A4BD033.A



**Optic Medium Flood 43°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026A2CA001.A
- F026A2CA006.A
- F026A2CA012.A
- F026A2CA018.A
- F026A2CA030.A
- F026A2CA033.A
- 1-10V
- F026A2CB001.A
- F026A2CB006.A
- F026A2CB012.A
- F026A2CB018.A
- F026A2CB030.A
- F026A2CB033.A
- Dali
- F026A2CD001.A
- F026A2CD006.A
- F026A2CD012.A
- F026A2CD018.A
- F026A2CD030.A
- F026A2CD033.A

**3000K**

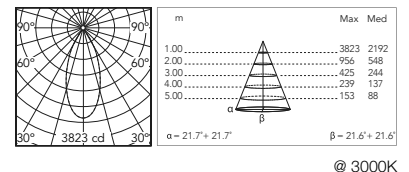
Non Dimmable

- F026A3CA001
- F026A3CA006
- F026A3CA012
- F026A3CA018
- F026A3CA030
- F026A3CA033
- 1-10V
- F026A3CB001
- F026A3CB006
- F026A3CB012
- F026A3CB018
- F026A3CB030
- F026A3CB033
- Dali
- F026A3CD001
- F026A3CD006
- F026A3CD012
- F026A3CD018
- F026A3CD030
- F026A3CD033

**4000K**

Non Dimmable

- F026A4CA001.A
- F026A4CA006.A
- F026A4CA012.A
- F026A4CA018.A
- F026A4CA030.A
- F026A4CA033.A
- 1-10V
- F026A4CB001.A
- F026A4CB006.A
- F026A4CB012.A
- F026A4CB018.A
- F026A4CB030.A
- F026A4CB033.A
- Dali
- F026A4CD001.A
- F026A4CD006.A
- F026A4CD012.A
- F026A4CD018.A
- F026A4CD030.A
- F026A4CD033.A



**Spine 2 Absolute: Zubehörteile / Accessories**

Erdspieß.

Ground spike.

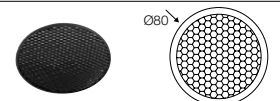
F026Z010000

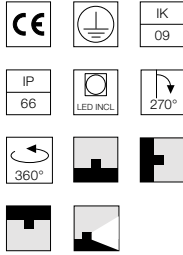
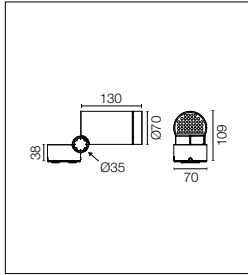


Honeycomb

Honeycomb Louvre

F026Z060000





Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025D2AA001
- F025D2AA006
- F025D2AA012
- F025D2AA018
- F025D2AA030
- F025D2AA033

**3000K**

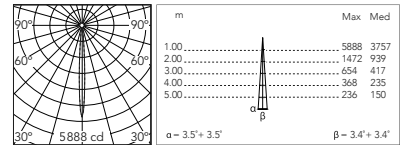
Non Dimmable

- F025D3AA001
- F025D3AA006
- F025D3AA012
- F025D3AA018
- F025D3AA030
- F025D3AA033

**4000K**

Non Dimmable

- F025D4AA001
- F025D4AA006
- F025D4AA012
- F025D4AA018
- F025D4AA030
- F025D4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025D2BA001
- F025D2BA006
- F025D2BA012
- F025D2BA018
- F025D2BA030
- F025D2BA033

**3000K**

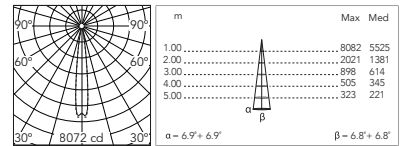
Non Dimmable

- F025D3BA001
- F025D3BA006
- F025D3BA012
- F025D3BA018
- F025D3BA030
- F025D3BA033

**4000K**

Non Dimmable

- F025D4BA001
- F025D4BA006
- F025D4BA012
- F025D4BA018
- F025D4BA030
- F025D4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025D2CA001
- F025D2CA006
- F025D2CA012
- F025D2CA018
- F025D2CA030
- F025D2CA033

**3000K**

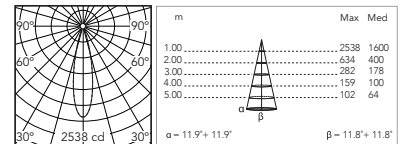
Non Dimmable

- F025D3CA001
- F025D3CA006
- F025D3CA012
- F025D3CA018
- F025D3CA030
- F025D3CA033

**4000K**

Non Dimmable

- F025D4CA001
- F025D4CA006
- F025D4CA012
- F025D4CA018
- F025D4CA030
- F025D4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025D2DA001
- F025D2DA006
- F025D2DA012
- F025D2DA018
- F025D2DA030
- F025D2DA033

**3000K**

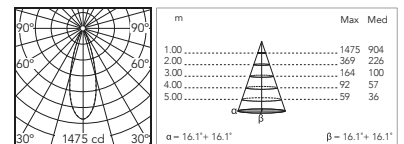
Non Dimmable

- F025D3DA001
- F025D3DA006
- F025D3DA012
- F025D3DA018
- F025D3DA030
- F025D3DA033

**4000K**

Non Dimmable

- F025D4DA001
- F025D4DA006
- F025D4DA012
- F025D4DA018
- F025D4DA030
- F025D4DA033



@ 3000K

# Spine 1 Pro

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025D2EA001
- F025D2EA006
- F025D2EA012
- F025D2EA018
- F025D2EA030
- F025D2EA033

### 3000K

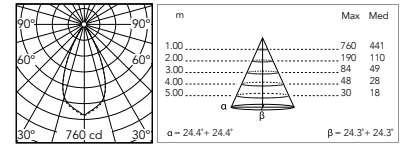
Non Dimmable

- F025D3EA001
- F025D3EA006
- F025D3EA012
- F025D3EA018
- F025D3EA030
- F025D3EA033

### 4000K

Non Dimmable

- F025D4EA001
- F025D4EA006
- F025D4EA012
- F025D4EA018
- F025D4EA030
- F025D4EA033



@ 3000K

## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025D2FA001
- F025D2FA006
- F025D2FA012
- F025D2FA018
- F025D2FA030
- F025D2FA033

### 3000K

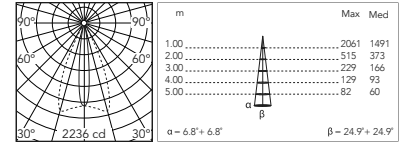
Non Dimmable

- F025D3FA001
- F025D3FA006
- F025D3FA012
- F025D3FA018
- F025D3FA030
- F025D3FA033

### 4000K

Non Dimmable

- F025D4FA001
- F025D4FA006
- F025D4FA012
- F025D4FA018
- F025D4FA030
- F025D4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025D2GA001
- F025D2GA006
- F025D2GA012
- F025D2GA018
- F025D2GA030
- F025D2GA033

### 3000K

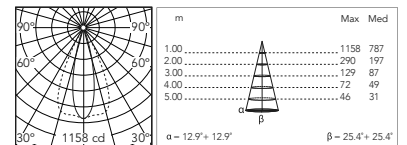
Non Dimmable

- F025D3GA001
- F025D3GA006
- F025D3GA012
- F025D3GA018
- F025D3GA030
- F025D3GA033

### 4000K

Non Dimmable

- F025D4GA001
- F025D4GA006
- F025D4GA012
- F025D4GA018
- F025D4GA030
- F025D4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025D2HA001
- F025D2HA006
- F025D2HA012
- F025D2HA018
- F025D2HA030
- F025D2HA033

### 3000K

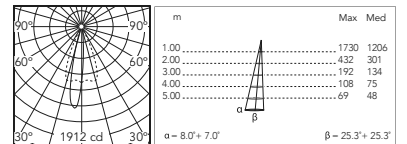
Non Dimmable

- F025D3HA001
- F025D3HA006
- F025D3HA012
- F025D3HA018
- F025D3HA030
- F025D3HA033

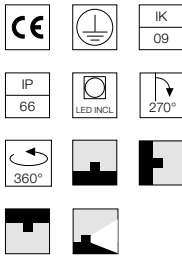
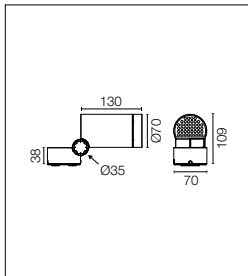
### 4000K

Non Dimmable

- F025D4HA001
- F025D4HA006
- F025D4HA012
- F025D4HA018
- F025D4HA030
- F025D4HA033



@ 3000K



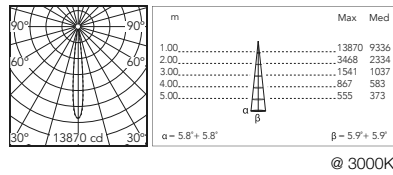
Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

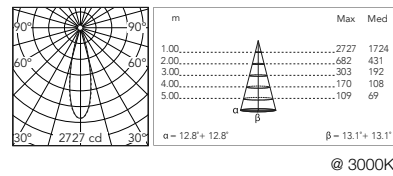
- |   |   |   |
|---|---|---|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E2BA001</li> <li>● F025E2BA006</li> <li>● F025E2BA012</li> <li>● F025E2BA018</li> <li>● F025E2BA030</li> <li>● F025E2BA033</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E3BA001</li> <li>● F025E3BA006</li> <li>● F025E3BA012</li> <li>● F025E3BA018</li> <li>● F025E3BA030</li> <li>● F025E3BA033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E4BA001</li> <li>● F025E4BA006</li> <li>● F025E4BA012</li> <li>● F025E4BA018</li> <li>● F025E4BA030</li> <li>● F025E4BA033</li> </ul> |
|---|---|---|



**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

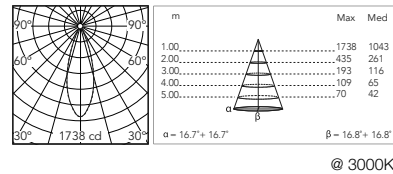
- |   |   |   |
|---|---|---|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E2CA001</li> <li>● F025E2CA006</li> <li>● F025E2CA012</li> <li>● F025E2CA018</li> <li>● F025E2CA030</li> <li>● F025E2CA033</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E3CA001</li> <li>● F025E3CA006</li> <li>● F025E3CA012</li> <li>● F025E3CA018</li> <li>● F025E3CA030</li> <li>● F025E3CA033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E4CA001</li> <li>● F025E4CA006</li> <li>● F025E4CA012</li> <li>● F025E4CA018</li> <li>● F025E4CA030</li> <li>● F025E4CA033</li> </ul> |
|---|---|---|



**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

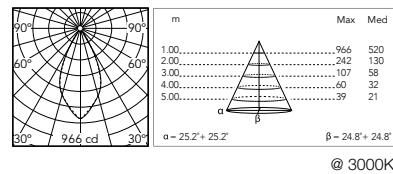
- |   |   |   |
|---|---|---|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E2DA001</li> <li>● F025E2DA006</li> <li>● F025E2DA012</li> <li>● F025E2DA018</li> <li>● F025E2DA030</li> <li>● F025E2DA033</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E3DA001</li> <li>● F025E3DA006</li> <li>● F025E3DA012</li> <li>● F025E3DA018</li> <li>● F025E3DA030</li> <li>● F025E3DA033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E4DA001</li> <li>● F025E4DA006</li> <li>● F025E4DA012</li> <li>● F025E4DA018</li> <li>● F025E4DA030</li> <li>● F025E4DA033</li> </ul> |
|---|---|---|



**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

- |   |   |   |
|---|---|---|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E2EA001</li> <li>● F025E2EA006</li> <li>● F025E2EA012</li> <li>● F025E2EA018</li> <li>● F025E2EA030</li> <li>● F025E2EA033</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E3EA001</li> <li>● F025E3EA006</li> <li>● F025E3EA012</li> <li>● F025E3EA018</li> <li>● F025E3EA030</li> <li>● F025E3EA033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F025E4EA001</li> <li>● F025E4EA006</li> <li>● F025E4EA012</li> <li>● F025E4EA018</li> <li>● F025E4EA030</li> <li>● F025E4EA033</li> </ul> |
|---|---|---|





## Spine 1 Pro Hp

### Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025E2FA001
- F025E2FA006
- F025E2FA012
- F025E2FA018
- F025E2FA030
- F025E2FA033

#### 3000K

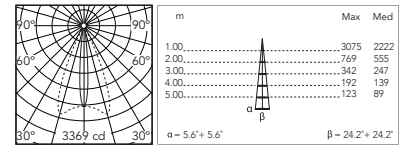
Non Dimmable

- F025E3FA001
- F025E3FA006
- F025E3FA012
- F025E3FA018
- F025E3FA030
- F025E3FA033

#### 4000K

Non Dimmable

- F025E4FA001
- F025E4FA006
- F025E4FA012
- F025E4FA018
- F025E4FA030
- F025E4FA033



@ 3000K

### Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025E2GA001
- F025E2GA006
- F025E2GA012
- F025E2GA018
- F025E2GA030
- F025E2GA033

#### 3000K

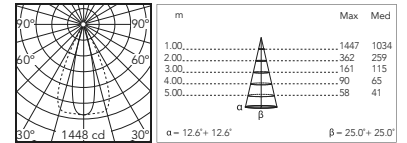
Non Dimmable

- F025E3GA001
- F025E3GA006
- F025E3GA012
- F025E3GA018
- F025E3GA030
- F025E3GA033

#### 4000K

Non Dimmable

- F025E4GA001
- F025E4GA006
- F025E4GA012
- F025E4GA018
- F025E4GA030
- F025E4GA033



@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025E2HA001
- F025E2HA006
- F025E2HA012
- F025E2HA018
- F025E2HA030
- F025E2HA033

#### 3000K

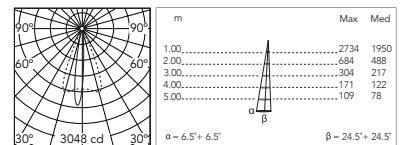
Non Dimmable

- F025E3HA001
- F025E3HA006
- F025E3HA012
- F025E3HA018
- F025E3HA030
- F025E3HA033

#### 4000K

Non Dimmable

- F025E4HA001
- F025E4HA006
- F025E4HA012
- F025E4HA018
- F025E4HA030
- F025E4HA033



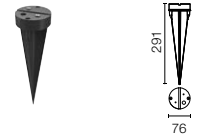
@ 3000K

## Spine 1 Pro: Zubehörteile / Accessories

Erdspieß.

Ground spike.

F026Z010000



Honeycomb

Honeycomb Louvre

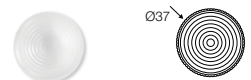
F025Z060000

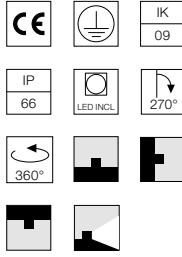
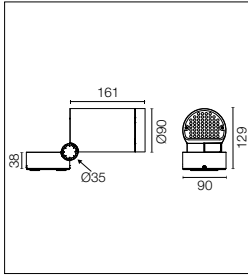


### Konverterlinse / Converter lenses:

- Converter Spine 0 / Spine 1 Optic Medium Flood
- Converter Spine 0 / Spine 1 Optic Flood
- Converter Spine 0 / Spine 1 Optic Wide Flood
- Converter Spine 0 / Spine 1 Optic Elliptic 1
- Converter Spine 0 / Spine 1 Optic Elliptic 2
- Converter Spine 0 / Spine 1 Optic Wall Washer

F029Z010000  
F029Z011000  
F029Z012000  
F029Z013000  
F029Z014000  
F029Z015000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen höheren visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its watertightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026D2AA001
- F026D2AA006
- F026D2AA012
- F026D2AA018
- F026D2AA030
- F026D2AA033
- 1-10V
- F026D2AB001
- F026D2AB006
- F026D2AB012
- F026D2AB018
- F026D2AB030
- F026D2AB033
- Dali
- F026D2AD001
- F026D2AD006
- F026D2AD012
- F026D2AD018
- F026D2AD030
- F026D2AD033

**3000K**

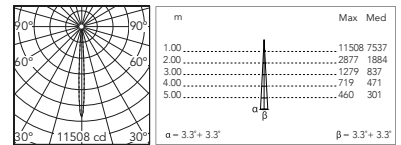
Non Dimmable

- F026D3AA001
- F026D3AA006
- F026D3AA012
- F026D3AA018
- F026D3AA030
- F026D3AA033
- 1-10V
- F026D3AB001
- F026D3AB006
- F026D3AB012
- F026D3AB018
- F026D3AB030
- F026D3AB033
- Dali
- F026D3AD001
- F026D3AD006
- F026D3AD012
- F026D3AD018
- F026D3AD030
- F026D3AD033

**4000K**

Non Dimmable

- F026D4AA001
- F026D4AA006
- F026D4AA012
- F026D4AA018
- F026D4AA030
- F026D4AA033
- 1-10V
- F026D4AB001
- F026D4AB006
- F026D4AB012
- F026D4AB018
- F026D4AB030
- F026D4AB033
- Dali
- F026D4AD001
- F026D4AD006
- F026D4AD012
- F026D4AD018
- F026D4AD030
- F026D4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026D2BA001
- F026D2BA006
- F026D2BA012
- F026D2BA018
- F026D2BA030
- F026D2BA033
- 1-10V
- F026D2BB001
- F026D2BB006
- F026D2BB012
- F026D2BB018
- F026D2BB030
- F026D2BB033
- Dali
- F026D2BD001
- F026D2BD006
- F026D2BD012
- F026D2BD018
- F026D2BD030
- F026D2BD033

**3000K**

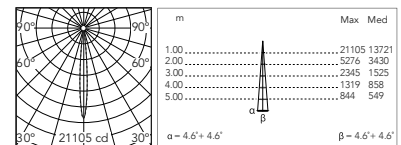
Non Dimmable

- F026D3BA001
- F026D3BA006
- F026D3BA012
- F026D3BA018
- F026D3BA030
- F026D3BA033
- 1-10V
- F026D3BB001
- F026D3BB006
- F026D3BB012
- F026D3BB018
- F026D3BB030
- F026D3BB033
- Dali
- F026D3BD001
- F026D3BD006
- F026D3BD012
- F026D3BD018
- F026D3BD030
- F026D3BD033

**4000K**

Non Dimmable

- F026D4BA001
- F026D4BA006
- F026D4BA012
- F026D4BA018
- F026D4BA030
- F026D4BA033
- 1-10V
- F026D4BB001
- F026D4BB006
- F026D4BB012
- F026D4BB018
- F026D4BB030
- F026D4BB033
- Dali
- F026D4BD001
- F026D4BD006
- F026D4BD012
- F026D4BD018
- F026D4BD030
- F026D4BD033



@ 3000K

**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026D2CA001
- F026D2CA006
- F026D2CA012
- F026D2CA018
- F026D2CA030
- F026D2CA033
- 1-10V
- F026D2CB001
- F026D2CB006
- F026D2CB012
- F026D2CB018
- F026D2CB030
- F026D2CB033
- Dali
- F026D2CD001
- F026D2CD006
- F026D2CD012
- F026D2CD018
- F026D2CD030
- F026D2CD033

**3000K**

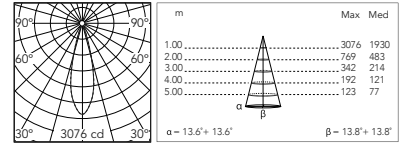
Non Dimmable

- F026D3CA001
- F026D3CA006
- F026D3CA012
- F026D3CA018
- F026D3CA030
- F026D3CA033
- 1-10V
- F026D3CB001
- F026D3CB006
- F026D3CB012
- F026D3CB018
- F026D3CB030
- F026D3CB033
- Dali
- F026D3CD001
- F026D3CD006
- F026D3CD012
- F026D3CD018
- F026D3CD030
- F026D3CD033

**4000K**

Non Dimmable

- F026D4CA001
- F026D4CA006
- F026D4CA012
- F026D4CA018
- F026D4CA030
- F026D4CA033
- 1-10V
- F026D4CB001
- F026D4CB006
- F026D4CB012
- F026D4CB018
- F026D4CB030
- F026D4CB033
- Dali
- F026D4CD001
- F026D4CD006
- F026D4CD012
- F026D4CD018
- F026D4CD030
- F026D4CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026D2DA001
- F026D2DA006
- F026D2DA012
- F026D2DA018
- F026D2DA030
- F026D2DA033
- 1-10V
- F026D2DB001
- F026D2DB006
- F026D2DB012
- F026D2DB018
- F026D2DB030
- F026D2DB033
- Dali
- F026D2DD001
- F026D2DD006
- F026D2DD012
- F026D2DD018
- F026D2DD030
- F026D2DD033

**3000K**

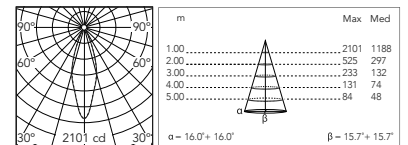
Non Dimmable

- F026D3DA001
- F026D3DA006
- F026D3DA012
- F026D3DA018
- F026D3DA030
- F026D3DA033
- 1-10V
- F026D3DB001
- F026D3DB006
- F026D3DB012
- F026D3DB018
- F026D3DB030
- F026D3DB033
- Dali
- F026D3DD001
- F026D3DD006
- F026D3DD012
- F026D3DD018
- F026D3DD030
- F026D3DD033

**4000K**

Non Dimmable

- F026D4DA001
- F026D4DA006
- F026D4DA012
- F026D4DA018
- F026D4DA030
- F026D4DA033
- 1-10V
- F026D4DB001
- F026D4DB006
- F026D4DB012
- F026D4DB018
- F026D4DB030
- F026D4DB033
- Dali
- F026D4DD001
- F026D4DD006
- F026D4DD012
- F026D4DD018
- F026D4DD030
- F026D4DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026D2EA001
- F026D2EA006
- F026D2EA012
- F026D2EA018
- F026D2EA030
- F026D2EA033
- 1-10V
- F026D2EB001
- F026D2EB006
- F026D2EB012
- F026D2EB018
- F026D2EB030
- F026D2EB033
- Dali
- F026D2ED001
- F026D2ED006
- F026D2ED012
- F026D2ED018
- F026D2ED030
- F026D2ED033

**3000K**

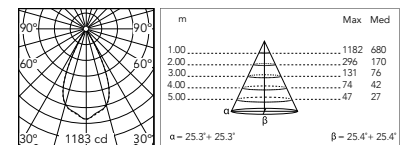
Non Dimmable

- F026D3EA001
- F026D3EA006
- F026D3EA012
- F026D3EA018
- F026D3EA030
- F026D3EA033
- 1-10V
- F026D3EB001
- F026D3EB006
- F026D3EB012
- F026D3EB018
- F026D3EB030
- F026D3EB033
- Dali
- F026D3ED001
- F026D3ED006
- F026D3ED012
- F026D3ED018
- F026D3ED030
- F026D3ED033

**4000K**

Non Dimmable

- F026D4EA001
- F026D4EA006
- F026D4EA012
- F026D4EA018
- F026D4EA030
- F026D4EA033
- 1-10V
- F026D4EB001
- F026D4EB006
- F026D4EB012
- F026D4EB018
- F026D4EB030
- F026D4EB033
- Dali
- F026D4ED001
- F026D4ED006
- F026D4ED012
- F026D4ED018
- F026D4ED030
- F026D4ED033



@ 3000K

# Spine 2 Pro

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026D2FA001
- F026D2FA006
- F026D2FA012
- F026D2FA018
- F026D2FA030
- F026D2FA033
- 1-10V
- F026D2FB001
- F026D2FB006
- F026D2FB012
- F026D2FB018
- F026D2FB030
- F026D2FB033
- Dali
- F026D2FD001
- F026D2FD006
- F026D2FD012
- F026D2FD018
- F026D2FD030
- F026D2FD033

### 3000K

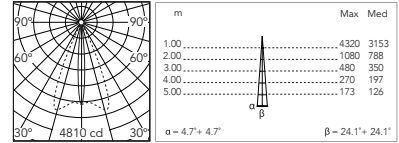
Non Dimmable

- F026D3FA001
- F026D3FA006
- F026D3FA012
- F026D3FA018
- F026D3FA030
- F026D3FA033
- 1-10V
- F026D3FB001
- F026D3FB006
- F026D3FB012
- F026D3FB018
- F026D3FB030
- F026D3FB033
- Dali
- F026D3FD001
- F026D3FD006
- F026D3FD012
- F026D3FD018
- F026D3FD030
- F026D3FD033

### 4000K

Non Dimmable

- F026D4FA001
- F026D4FA006
- F026D4FA012
- F026D4FA018
- F026D4FA030
- F026D4FA033
- 1-10V
- F026D4FB001
- F026D4FB006
- F026D4FB012
- F026D4FB018
- F026D4FB030
- F026D4FB033
- Dali
- F026D4FD001
- F026D4FD006
- F026D4FD012
- F026D4FD018
- F026D4FD030
- F026D4FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026D2GA001
- F026D2GA006
- F026D2GA012
- F026D2GA018
- F026D2GA030
- F026D2GA033
- 1-10V
- F026D2GB001
- F026D2GB006
- F026D2GB012
- F026D2GB018
- F026D2GB030
- F026D2GB033
- Dali
- F026D2GD001
- F026D2GD006
- F026D2GD012
- F026D2GD018
- F026D2GD030
- F026D2GD033

### 3000K

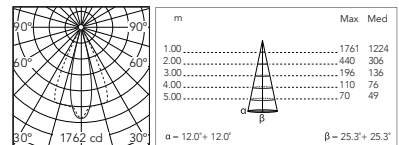
Non Dimmable

- F026D3GA001
- F026D3GA006
- F026D3GA012
- F026D3GA018
- F026D3GA030
- F026D3GA033
- 1-10V
- F026D3GB001
- F026D3GB006
- F026D3GB012
- F026D3GB018
- F026D3GB030
- F026D3GB033
- Dali
- F026D3GD001
- F026D3GD006
- F026D3GD012
- F026D3GD018
- F026D3GD030
- F026D3GD033

### 4000K

Non Dimmable

- F026D4GA001
- F026D4GA006
- F026D4GA012
- F026D4GA018
- F026D4GA030
- F026D4GA033
- 1-10V
- F026D4GB001
- F026D4GB006
- F026D4GB012
- F026D4GB018
- F026D4GB030
- F026D4GB033
- Dali
- F026D4GD001
- F026D4GD006
- F026D4GD012
- F026D4GD018
- F026D4GD030
- F026D4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026D2HA001
- F026D2HA006
- F026D2HA012
- F026D2HA018
- F026D2HA030
- F026D2HA033
- 1-10V
- F026D2HB001
- F026D2HB006
- F026D2HB012
- F026D2HB018
- F026D2HB030
- F026D2HB033
- Dali
- F026D2HD001
- F026D2HD006
- F026D2HD012
- F026D2HD018
- F026D2HD030
- F026D2HD033

### 3000K

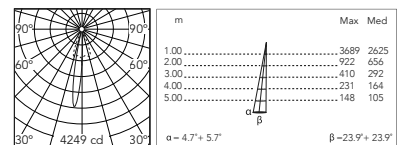
Non Dimmable

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- F026D3HA006
- F026D3HA012
- F026D3HA018
- F026D3HA030
- F026D3HA033
- 1-10V
- F026D3HB001
- F026D3HB006
- F026D3HB012
- F026D3HB018
- F026D3HB030
- F026D3HB033
- Dali
- F026D3HD001
- F026D3HD006
- F026D3HD012
- F026D3HD018
- F026D3HD030
- F026D3HD033

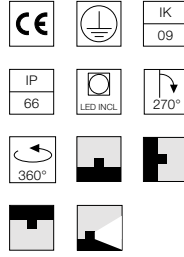
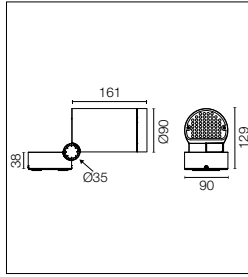
### 4000K

Non Dimmable

- F026D4HA001
- F026D4HA006
- F026D4HA012
- F026D4HA018
- F026D4HA030
- F026D4HA033
- 1-10V
- F026D4HB001
- F026D4HB006
- F026D4HB012
- F026D4HB018
- F026D4HB030
- F026D4HB033
- Dali
- F026D4HD001
- F026D4HD006
- F026D4HD012
- F026D4HD018
- F026D4HD030
- F026D4HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für höheren visuellen Komfort. Equipada con snoot integrado para un confort visual mayor. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Equipada con an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026E2BA001
- F026E2BA006
- F026E2BA012
- F026E2BA018
- F026E2BA030
- F026E2BA033
- 1-10V
- F026E2BB001
- F026E2BB006
- F026E2BB012
- F026E2BB018
- F026E2BB030
- F026E2BB033
- Dali
- F026E2BD001
- F026E2BD006
- F026E2BD012
- F026E2BD018
- F026E2BD030
- F026E2BD033

**3000K**

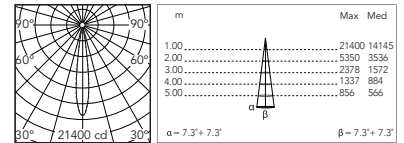
Non Dimmable

- F026E3BA001
- F026E3BA006
- F026E3BA012
- F026E3BA018
- F026E3BA030
- F026E3BA033
- 1-10V
- F026E3BB001
- F026E3BB006
- F026E3BB012
- F026E3BB018
- F026E3BB030
- F026E3BB033
- Dali
- F026E3BD001
- F026E3BD006
- F026E3BD012
- F026E3BD018
- F026E3BD030
- F026E3BD033

**4000K**

Non Dimmable

- F026E4BA001
- F026E4BA006
- F026E4BA012
- F026E4BA018
- F026E4BA030
- F026E4BA033
- 1-10V
- F026E4BB001
- F026E4BB006
- F026E4BB012
- F026E4BB018
- F026E4BB030
- F026E4BB033
- Dali
- F026E4BD001
- F026E4BD006
- F026E4BD012
- F026E4BD018
- F026E4BD030
- F026E4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026E2CA001
- F026E2CA006
- F026E2CA012
- F026E2CA018
- F026E2CA030
- F026E2CA033
- 1-10V
- F026E2CB001
- F026E2CB006
- F026E2CB012
- F026E2CB018
- F026E2CB030
- F026E2CB033
- Dali
- F026E2CD001
- F026E2CD006
- F026E2CD012
- F026E2CD018
- F026E2CD030
- F026E2CD033

**3000K**

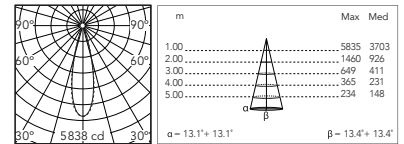
Non Dimmable

- F026E3CA001
- F026E3CA006
- F026E3CA012
- F026E3CA018
- F026E3CA030
- F026E3CA033
- 1-10V
- F026E3CB001
- F026E3CB006
- F026E3CB012
- F026E3CB018
- F026E3CB030
- F026E3CB033
- Dali
- F026E3CD001
- F026E3CD006
- F026E3CD012
- F026E3CD018
- F026E3CD030
- F026E3CD033

**4000K**

Non Dimmable

- F026E4CA001
- F026E4CA006
- F026E4CA012
- F026E4CA018
- F026E4CA030
- F026E4CA033
- 1-10V
- F026E4CB001
- F026E4CB006
- F026E4CB012
- F026E4CB018
- F026E4CB030
- F026E4CB033
- Dali
- F026E4CD001
- F026E4CD006
- F026E4CD012
- F026E4CD018
- F026E4CD030
- F026E4CD033



@ 3000K

# Spine 2 Pro Hp

## Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026E2DA001
- F026E2DA006
- F026E2DA012
- F026E2DA018
- F026E2DA030
- F026E2DA033
- 1-10V
- F026E2DB001
- F026E2DB006
- F026E2DB012
- F026E2DB018
- F026E2DB030
- F026E2DB033
- Dali
- F026E2DD001
- F026E2DD006
- F026E2DD012
- F026E2DD018
- F026E2DD030
- F026E2DD033

### 3000K

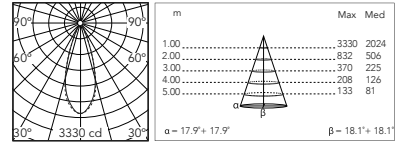
Non Dimmable

- F026E3DA001
- F026E3DA006
- F026E3DA012
- F026E3DA018
- F026E3DA030
- F026E3DA033
- 1-10V
- F026E3DB001
- F026E3DB006
- F026E3DB012
- F026E3DB018
- F026E3DB030
- F026E3DB033
- Dali
- F026E3DD001
- F026E3DD006
- F026E3DD012
- F026E3DD018
- F026E3DD030
- F026E3DD033

### 4000K

Non Dimmable

- F026E4DA001
- F026E4DA006
- F026E4DA012
- F026E4DA018
- F026E4DA030
- F026E4DA033
- 1-10V
- F026E4DB001
- F026E4DB006
- F026E4DB012
- F026E4DB018
- F026E4DB030
- F026E4DB033
- Dali
- F026E4DD001
- F026E4DD006
- F026E4DD012
- F026E4DD018
- F026E4DD030
- F026E4DD033



@ 3000K

## Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026E2EA001
- F026E2EA006
- F026E2EA012
- F026E2EA018
- F026E2EA030
- F026E2EA033
- 1-10V
- F026E2EB001
- F026E2EB006
- F026E2EB012
- F026E2EB018
- F026E2EB030
- F026E2EB033
- Dali
- F026E2ED001
- F026E2ED006
- F026E2ED012
- F026E2ED018
- F026E2ED030
- F026E2ED033

### 3000K

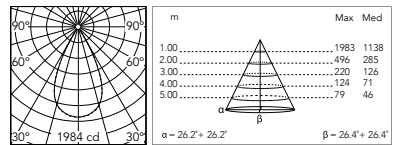
Non Dimmable

- F026E3EA001
- F026E3EA006
- F026E3EA012
- F026E3EA018
- F026E3EA030
- F026E3EA033
- 1-10V
- F026E3EB001
- F026E3EB006
- F026E3EB012
- F026E3EB018
- F026E3EB030
- F026E3EB033
- Dali
- F026E3ED001
- F026E3ED006
- F026E3ED012
- F026E3ED018
- F026E3ED030
- F026E3ED033

### 4000K

Non Dimmable

- F026E4EA001
- F026E4EA006
- F026E4EA012
- F026E4EA018
- F026E4EA030
- F026E4EA033
- 1-10V
- F026E4EB001
- F026E4EB006
- F026E4EB012
- F026E4EB018
- F026E4EB030
- F026E4EB033
- Dali
- F026E4ED001
- F026E4ED006
- F026E4ED012
- F026E4ED018
- F026E4ED030
- F026E4ED033



@ 3000K

## Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026E2FA001
- F026E2FA006
- F026E2FA012
- F026E2FA018
- F026E2FA030
- F026E2FA033
- 1-10V
- F026E2FB001
- F026E2FB006
- F026E2FB012
- F026E2FB018
- F026E2FB030
- F026E2FB033
- Dali
- F026E2FD001
- F026E2FD006
- F026E2FD012
- F026E2FD018
- F026E2FD030
- F026E2FD033

### 3000K

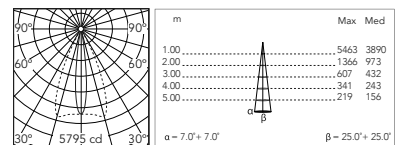
Non Dimmable

- F026E3FA001
- F026E3FA006
- F026E3FA012
- F026E3FA018
- F026E3FA030
- F026E3FA033
- 1-10V
- F026E3FB001
- F026E3FB006
- F026E3FB012
- F026E3FB018
- F026E3FB030
- F026E3FB033
- Dali
- F026E3FD001
- F026E3FD006
- F026E3FD012
- F026E3FD018
- F026E3FD030
- F026E3FD033

### 4000K

Non Dimmable

- F026E4FA001
- F026E4FA006
- F026E4FA012
- F026E4FA018
- F026E4FA030
- F026E4FA033
- 1-10V
- F026E4FB001
- F026E4FB006
- F026E4FB012
- F026E4FB018
- F026E4FB030
- F026E4FB033
- Dali
- F026E4FD001
- F026E4FD006
- F026E4FD012
- F026E4FD018
- F026E4FD030
- F026E4FD033



@ 3000K

## Spine 2 Pro Hp

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026E2GA001
- F026E2GA006
- F026E2GA012
- F026E2GA018
- F026E2GA030
- F026E2GA033
- 1-10V
- F026E2GB001
- F026E2GB006
- F026E2GB012
- F026E2GB018
- F026E2GB030
- F026E2GB033
- Dali
- F026E2GD001
- F026E2GD006
- F026E2GD012
- F026E2GD018
- F026E2GD030
- F026E2GD033

#### 3000K

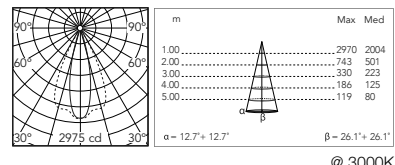
Non Dimmable

- F026E3GA001
- F026E3GA006
- F026E3GA012
- F026E3GA018
- F026E3GA030
- F026E3GA033
- 1-10V
- F026E3GB001
- F026E3GB006
- F026E3GB012
- F026E3GB018
- F026E3GB030
- F026E3GB033
- Dali
- F026E3GD001
- F026E3GD006
- F026E3GD012
- F026E3GD018
- F026E3GD030
- F026E3GD033

#### 4000K

Non Dimmable

- F026E4GA001
- F026E4GA006
- F026E4GA012
- F026E4GA018
- F026E4GA030
- F026E4GA033
- 1-10V
- F026E4GB001
- F026E4GB006
- F026E4GB012
- F026E4GB018
- F026E4GB030
- F026E4GB033
- Dali
- F026E4GD001
- F026E4GD006
- F026E4GD012
- F026E4GD018
- F026E4GD030
- F026E4GD033



### Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026E2HA001
- F026E2HA006
- F026E2HA012
- F026E2HA018
- F026E2HA030
- F026E2HA033
- 1-10V
- F026E2HB001
- F026E2HB006
- F026E2HB012
- F026E2HB018
- F026E2HB030
- F026E2HB033
- Dali
- F026E2HD001
- F026E2HD006
- F026E2HD012
- F026E2HD018
- F026E2HD030
- F026E2HD033

#### 3000K

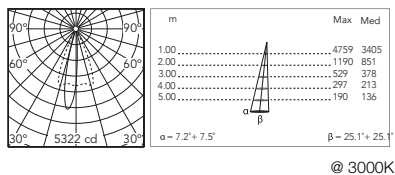
Non Dimmable

- F026E3HA001
- F026E3HA006
- F026E3HA012
- F026E3HA018
- F026E3HA030
- F026E3HA033
- 1-10V
- F026E3HB001
- F026E3HB006
- F026E3HB012
- F026E3HB018
- F026E3HB030
- F026E3HB033
- Dali
- F026E3HD001
- F026E3HD006
- F026E3HD012
- F026E3HD018
- F026E3HD030
- F026E3HD033

#### 4000K

Non Dimmable

- F026E4HA001
- F026E4HA006
- F026E4HA012
- F026E4HA018
- F026E4HA030
- F026E4HA033
- 1-10V
- F026E4HB001
- F026E4HB006
- F026E4HB012
- F026E4HB018
- F026E4HB030
- F026E4HB033
- Dali
- F026E4HD001
- F026E4HD006
- F026E4HD012
- F026E4HD018
- F026E4HD030
- F026E4HD033



## Spine 2 Pro: Zubehörteile / Accessories

Erdspieß.

Ground spike.

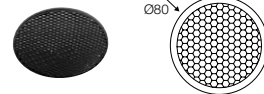
F026Z010000



Honeycomb

Honeycomb Louvre

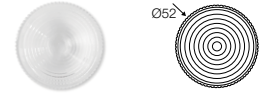
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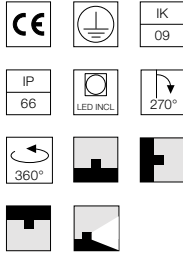
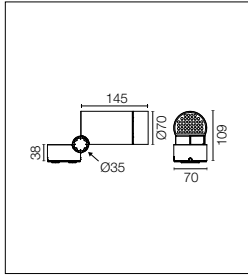


Konverterlinse / Converter lenses:

- Converter Spine 2 Optic Medium Flood
- Converter Spine 2 Optic Flood
- Converter Spine 2 Optic Wide Flood
- Converter Spine 2 Optic Elliptic 1
- Converter Spine 2 Optic Elliptic 2
- Converter Spine 2 Optic Wall Washer

F029Z020000  
F029Z021000  
F029Z022000  
F029Z023000  
F029Z024000  
F029Z025000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einer mitgelieferten wasserdichten Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025B2AA001
- F025B2AA006
- F025B2AA012
- F025B2AA018
- F025B2AA030
- F025B2AA033

**3000K**

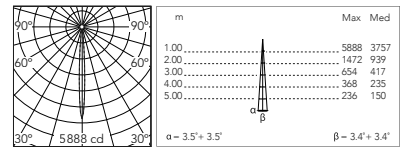
Non Dimmable

- F025B3AA001
- F025B3AA006
- F025B3AA012
- F025B3AA018
- F025B3AA030
- F025B3AA033

**4000K**

Non Dimmable

- F025B4AA001
- F025B4AA006
- F025B4AA012
- F025B4AA018
- F025B4AA030
- F025B4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025B2BA001
- F025B2BA006
- F025B2BA012
- F025B2BA018
- F025B2BA030
- F025B2BA033

**3000K**

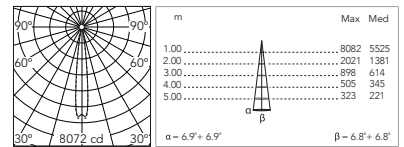
Non Dimmable

- F025B3BA001
- F025B3BA006
- F025B3BA012
- F025B3BA018
- F025B3BA030
- F025B3BA033

**4000K**

Non Dimmable

- F025B4BA001
- F025B4BA006
- F025B4BA012
- F025B4BA018
- F025B4BA030
- F025B4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025B2CA001
- F025B2CA006
- F025B2CA012
- F025B2CA018
- F025B2CA030
- F025B2CA033

**3000K**

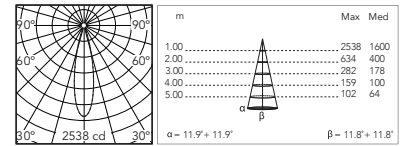
Non Dimmable

- F025B3CA001
- F025B3CA006
- F025B3CA012
- F025B3CA018
- F025B3CA030
- F025B3CA033

**4000K**

Non Dimmable

- F025B4CA001
- F025B4CA006
- F025B4CA012
- F025B4CA018
- F025B4CA030
- F025B4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025B2DA001
- F025B2DA006
- F025B2DA012
- F025B2DA018
- F025B2DA030
- F025B2DA033

**3000K**

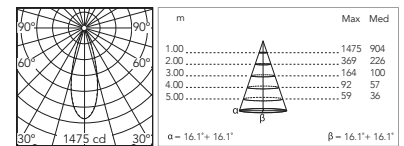
Non Dimmable

- F025B3DA001
- F025B3DA006
- F025B3DA012
- F025B3DA018
- F025B3DA030
- F025B3DA033

**4000K**

Non Dimmable

- F025B4DA001
- F025B4DA006
- F025B4DA012
- F025B4DA018
- F025B4DA030
- F025B4DA033



@ 3000K



# Spine 1 Ultra

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025B2EA001
- F025B2EA006
- F025B2EA012
- F025B2EA018
- F025B2EA030
- F025B2EA033

### 3000K

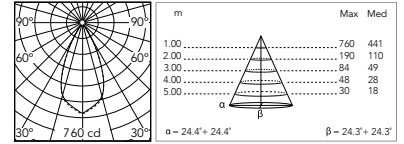
Non Dimmable

- F025B3EA001
- F025B3EA006
- F025B3EA012
- F025B3EA018
- F025B3EA030
- F025B3EA033

### 4000K

Non Dimmable

- F025B4EA001
- F025B4EA006
- F025B4EA012
- F025B4EA018
- F025B4EA030
- F025B4EA033



@ 3000K

## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025B2FA001
- F025B2FA006
- F025B2FA012
- F025B2FA018
- F025B2FA030
- F025B2FA033

### 3000K

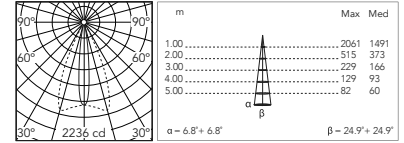
Non Dimmable

- F025B3FA001
- F025B3FA006
- F025B3FA012
- F025B3FA018
- F025B3FA030
- F025B3FA033

### 4000K

Non Dimmable

- F025B4FA001
- F025B4FA006
- F025B4FA012
- F025B4FA018
- F025B4FA030
- F025B4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025B2GA001
- F025B2GA006
- F025B2GA012
- F025B2GA018
- F025B2GA030
- F025B2GA033

### 3000K

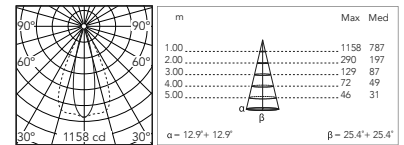
Non Dimmable

- F025B3GA001
- F025B3GA006
- F025B3GA012
- F025B3GA018
- F025B3GA030
- F025B3GA033

### 4000K

Non Dimmable

- F025B4GA001
- F025B4GA006
- F025B4GA012
- F025B4GA018
- F025B4GA030
- F025B4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025B2HA001
- F025B2HA006
- F025B2HA012
- F025B2HA018
- F025B2HA030
- F025B2HA033

### 3000K

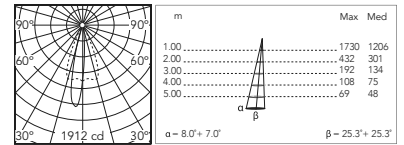
Non Dimmable

- F025B3HA001
- F025B3HA006
- F025B3HA012
- F025B3HA018
- F025B3HA030
- F025B3HA033

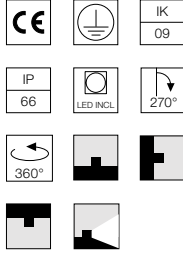
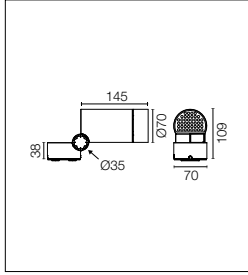
### 4000K

Non Dimmable

- F025B4HA001
- F025B4HA006
- F025B4HA012
- F025B4HA018
- F025B4HA030
- F025B4HA033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einer mitgelieferten wasserdichten Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025C2BA001
- F025C2BA006
- F025C2BA012
- F025C2BA018
- F025C2BA030
- F025C2BA033

**3000K**

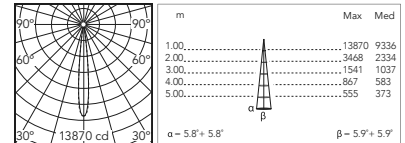
Non Dimmable

- F025C3BA001
- F025C3BA006
- F025C3BA012
- F025C3BA018
- F025C3BA030
- F025C3BA033

**4000K**

Non Dimmable

- F025C4BA001
- F025C4BA006
- F025C4BA012
- F025C4BA018
- F025C4BA030
- F025C4BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025C2CA001
- F025C2CA006
- F025C2CA012
- F025C2CA018
- F025C2CA030
- F025C2CA033

**3000K**

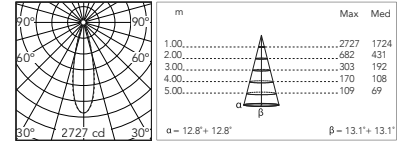
Non Dimmable

- F025C3CA001
- F025C3CA006
- F025C3CA012
- F025C3CA018
- F025C3CA030
- F025C3CA033

**4000K**

Non Dimmable

- F025C4CA001
- F025C4CA006
- F025C4CA012
- F025C4CA018
- F025C4CA030
- F025C4CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025C2DA001
- F025C2DA006
- F025C2DA012
- F025C2DA018
- F025C2DA030
- F025C2DA033

**3000K**

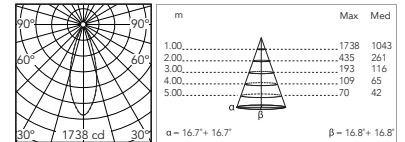
Non Dimmable

- F025C3DA001
- F025C3DA006
- F025C3DA012
- F025C3DA018
- F025C3DA030
- F025C3DA033

**4000K**

Non Dimmable

- F025C4DA001
- F025C4DA006
- F025C4DA012
- F025C4DA018
- F025C4DA030
- F025C4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025C2EA001
- F025C2EA006
- F025C2EA012
- F025C2EA018
- F025C2EA030
- F025C2EA033

**3000K**

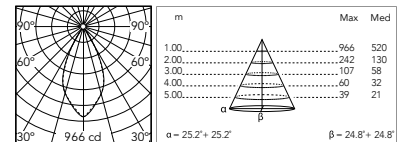
Non Dimmable

- F025C3EA001
- F025C3EA006
- F025C3EA012
- F025C3EA018
- F025C3EA030
- F025C3EA033

**4000K**

Non Dimmable

- F025C4EA001
- F025C4EA006
- F025C4EA012
- F025C4EA018
- F025C4EA030
- F025C4EA033



@ 3000K

# Spine 1 Ultra Hp

## Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025C2FA001
- F025C2FA006
- F025C2FA012
- F025C2FA018
- F025C2FA030
- F025C2FA033

### 3000K

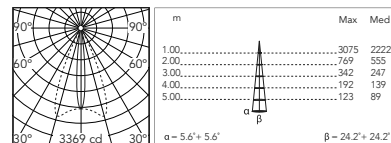
Non Dimmable

- F025C3FA001
- F025C3FA006
- F025C3FA012
- F025C3FA018
- F025C3FA030
- F025C3FA033

### 4000K

Non Dimmable

- F025C4FA001
- F025C4FA006
- F025C4FA012
- F025C4FA018
- F025C4FA030
- F025C4FA033



@ 3000K

## Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025C2GA001
- F025C2GA006
- F025C2GA012
- F025C2GA018
- F025C2GA030
- F025C2GA033

### 3000K

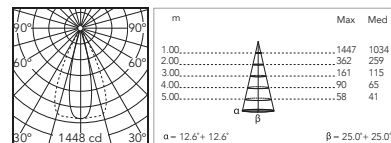
Non Dimmable

- F025C3GA001
- F025C3GA006
- F025C3GA012
- F025C3GA018
- F025C3GA030
- F025C3GA033

### 4000K

Non Dimmable

- F025C4GA001
- F025C4GA006
- F025C4GA012
- F025C4GA018
- F025C4GA030
- F025C4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025C2HA001
- F025C2HA006
- F025C2HA012
- F025C2HA018
- F025C2HA030
- F025C2HA033

### 3000K

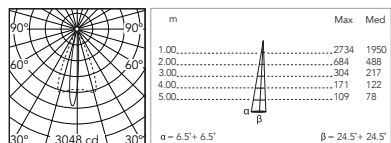
Non Dimmable

- F025C3HA001
- F025C3HA006
- F025C3HA012
- F025C3HA018
- F025C3HA030
- F025C3HA033

### 4000K

Non Dimmable

- F025C4HA001
- F025C4HA006
- F025C4HA012
- F025C4HA018
- F025C4HA030
- F025C4HA033



@ 3000K

## Spine 1 Ultra: Zubehörteile / Accessories

Viewer

Visor

- F025Z050001
- F025Z050006
- F025Z050012
- F025Z050018
- F025Z050030
- F025Z050033



Erdspieß.

Ground spike.

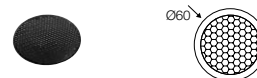
F026Z010000



Honeycomb

Honeycomb Louvre

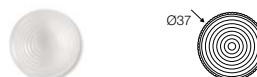
F025Z060000

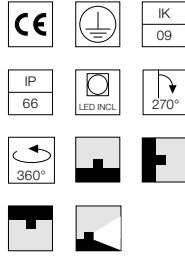
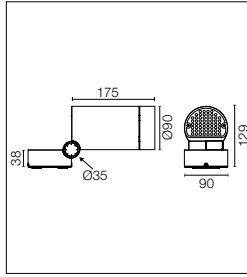


### Konverterlinse / Converter lenses:

- Converter Spine 0 / Spine 1 Optic Medium Flood
- Converter Spine 0 / Spine 1 Optic Flood
- Converter Spine 0 / Spine 1 Optic Wide Flood
- Converter Spine 0 / Spine 1 Optic Elliptic 1
- Converter Spine 0 / Spine 1 Optic Elliptic 2
- Converter Spine 0 / Spine 1 Optic Wall Washer

- F029Z010000
- F029Z011000
- F029Z012000
- F029Z013000
- F029Z014000
- F029Z015000





Power-LED-Lichtquelle. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einem mitgelieferten wasserdichten Steckverbinder. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026B2AA001
- F026B2AA006
- F026B2AA012
- F026B2AA018
- F026B2AA030
- F026B2AA033
- 1-10V
- F026B2AB001
- F026B2AB006
- F026B2AB012
- F026B2AB018
- F026B2AB030
- F026B2AB033
- Dali
- F026B2AD001
- F026B2AD006
- F026B2AD012
- F026B2AD018
- F026B2AD030
- F026B2AD033

**3000K**

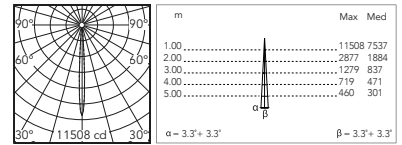
Non Dimmable

- F026B3AA001
- F026B3AA006
- F026B3AA012
- F026B3AA018
- F026B3AA030
- F026B3AA033
- 1-10V
- F026B3AB001
- F026B3AB006
- F026B3AB012
- F026B3AB018
- F026B3AB030
- F026B3AB033
- Dali
- F026B3AD001
- F026B3AD006
- F026B3AD012
- F026B3AD018
- F026B3AD030
- F026B3AD033

**4000K**

Non Dimmable

- F026B4AA001
- F026B4AA006
- F026B4AA012
- F026B4AA018
- F026B4AA030
- F026B4AA033
- 1-10V
- F026B4AB001
- F026B4AB006
- F026B4AB012
- F026B4AB018
- F026B4AB030
- F026B4AB033
- Dali
- F026B4AD001
- F026B4AD006
- F026B4AD012
- F026B4AD018
- F026B4AD030
- F026B4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026B2BA001
- F026B2BA006
- F026B2BA012
- F026B2BA018
- F026B2BA030
- F026B2BA033
- 1-10V
- F026B2BB001
- F026B2BB006
- F026B2BB012
- F026B2BB018
- F026B2BB030
- F026B2BB033
- Dali
- F026B2BD001
- F026B2BD006
- F026B2BD012
- F026B2BD018
- F026B2BD030
- F026B2BD033

**3000K**

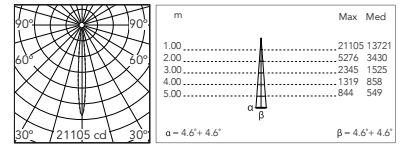
Non Dimmable

- F026B3BA001
- F026B3BA006
- F026B3BA012
- F026B3BA018
- F026B3BA030
- F026B3BA033
- 1-10V
- F026B3BB001
- F026B3BB006
- F026B3BB012
- F026B3BB018
- F026B3BB030
- F026B3BB033
- Dali
- F026B3BD001
- F026B3BD006
- F026B3BD012
- F026B3BD018
- F026B3BD030
- F026B3BD033

**4000K**

Non Dimmable

- F026B4BA001
- F026B4BA006
- F026B4BA012
- F026B4BA018
- F026B4BA030
- F026B4BA033
- 1-10V
- F026B4BB001
- F026B4BB006
- F026B4BB012
- F026B4BB018
- F026B4BB030
- F026B4BB033
- Dali
- F026B4BD001
- F026B4BD006
- F026B4BD012
- F026B4BD018
- F026B4BD030
- F026B4BD033



@ 3000K

**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026B2CA001
- F026B2CA006
- F026B2CA012
- F026B2CA018
- F026B2CA030
- F026B2CA033
- 1-10V
- F026B2CB001
- F026B2CB006
- F026B2CB012
- F026B2CB018
- F026B2CB030
- F026B2CB033
- Dali
- F026B2CD001
- F026B2CD006
- F026B2CD012
- F026B2CD018
- F026B2CD030
- F026B2CD033

**3000K**

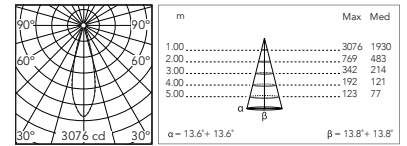
Non Dimmable

- F026B3CA001
- F026B3CA006
- F026B3CA012
- F026B3CA018
- F026B3CA030
- F026B3CA033
- 1-10V
- F026B3CB001
- F026B3CB006
- F026B3CB012
- F026B3CB018
- F026B3CB030
- F026B3CB033
- Dali
- F026B3CD001
- F026B3CD006
- F026B3CD012
- F026B3CD018
- F026B3CD030
- F026B3CD033

**4000K**

Non Dimmable

- F026B4CA001
- F026B4CA006
- F026B4CA012
- F026B4CA018
- F026B4CA030
- F026B4CA033
- 1-10V
- F026B4CB001
- F026B4CB006
- F026B4CB012
- F026B4CB018
- F026B4CB030
- F026B4CB033
- Dali
- F026B4CD001
- F026B4CD006
- F026B4CD012
- F026B4CD018
- F026B4CD030
- F026B4CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026B2DA001
- F026B2DA006
- F026B2DA012
- F026B2DA018
- F026B2DA030
- F026B2DA033
- 1-10V
- F026B2DB001
- F026B2DB006
- F026B2DB012
- F026B2DB018
- F026B2DB030
- F026B2DB033
- Dali
- F026B2DD001
- F026B2DD006
- F026B2DD012
- F026B2DD018
- F026B2DD030
- F026B2DD033

**3000K**

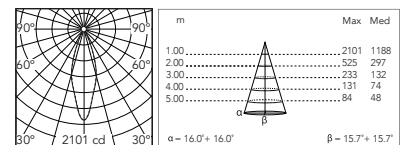
Non Dimmable

- F026B3DA001
- F026B3DA006
- F026B3DA012
- F026B3DA018
- F026B3DA030
- F026B3DA033
- 1-10V
- F026B3DB001
- F026B3DB006
- F026B3DB012
- F026B3DB018
- F026B3DB030
- F026B3DB033
- Dali
- F026B3DD001
- F026B3DD006
- F026B3DD012
- F026B3DD018
- F026B3DD030
- F026B3DD033

**4000K**

Non Dimmable

- F026B4DA001
- F026B4DA006
- F026B4DA012
- F026B4DA018
- F026B4DA030
- F026B4DA033
- 1-10V
- F026B4DB001
- F026B4DB006
- F026B4DB012
- F026B4DB018
- F026B4DB030
- F026B4DB033
- Dali
- F026B4DD001
- F026B4DD006
- F026B4DD012
- F026B4DD018
- F026B4DD030
- F026B4DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026B2EA001
- F026B2EA006
- F026B2EA012
- F026B2EA018
- F026B2EA030
- F026B2EA033
- 1-10V
- F026B2EB001
- F026B2EB006
- F026B2EB012
- F026B2EB018
- F026B2EB030
- F026B2EB033
- Dali
- F026B2ED001
- F026B2ED006
- F026B2ED012
- F026B2ED018
- F026B2ED030
- F026B2ED033

**3000K**

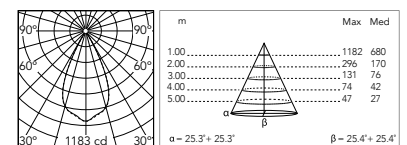
Non Dimmable

- F026B3EA001
- F026B3EA006
- F026B3EA012
- F026B3EA018
- F026B3EA030
- F026B3EA033
- 1-10V
- F026B3EB001
- F026B3EB006
- F026B3EB012
- F026B3EB018
- F026B3EB030
- F026B3EB033
- Dali
- F026B3ED001
- F026B3ED006
- F026B3ED012
- F026B3ED018
- F026B3ED030
- F026B3ED033

**4000K**

Non Dimmable

- F026B4EA001
- F026B4EA006
- F026B4EA012
- F026B4EA018
- F026B4EA030
- F026B4EA033
- 1-10V
- F026B4EB001
- F026B4EB006
- F026B4EB012
- F026B4EB018
- F026B4EB030
- F026B4EB033
- Dali
- F026B4ED001
- F026B4ED006
- F026B4ED012
- F026B4ED018
- F026B4ED030
- F026B4ED033



@ 3000K

# Spine 2 Ultra

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026B2FA001
- F026B2FA006
- F026B2FA012
- F026B2FA018
- F026B2FA030
- F026B2FA033
- 1-10V
- F026B2FB001
- F026B2FB006
- F026B2FB012
- F026B2FB018
- F026B2FB030
- F026B2FB033
- Dali
- F026B2FD001
- F026B2FD006
- F026B2FD012
- F026B2FD018
- F026B2FD030
- F026B2FD033

### 3000K

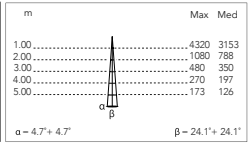
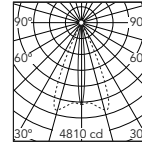
Non Dimmable

- F026B3FA001
- F026B3FA006
- F026B3FA012
- F026B3FA018
- F026B3FA030
- F026B3FA033
- 1-10V
- F026B3FB001
- F026B3FB006
- F026B3FB012
- F026B3FB018
- F026B3FB030
- F026B3FB033
- Dali
- F026B3FD001
- F026B3FD006
- F026B3FD012
- F026B3FD018
- F026B3FD030
- F026B3FD033

### 4000K

Non Dimmable

- F026B4FA001
- F026B4FA006
- F026B4FA012
- F026B4FA018
- F026B4FA030
- F026B4FA033
- 1-10V
- F026B4FB001
- F026B4FB006
- F026B4FB012
- F026B4FB018
- F026B4FB030
- F026B4FB033
- Dali
- F026B4FD001
- F026B4FD006
- F026B4FD012
- F026B4FD018
- F026B4FD030
- F026B4FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026B2GA001
- F026B2GA006
- F026B2GA012
- F026B2GA018
- F026B2GA030
- F026B2GA033
- 1-10V
- F026B2GB001
- F026B2GB006
- F026B2GB012
- F026B2GB018
- F026B2GB030
- F026B2GB033
- Dali
- F026B2GD001
- F026B2GD006
- F026B2GD012
- F026B2GD018
- F026B2GD030
- F026B2GD033

### 3000K

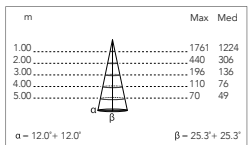
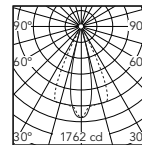
Non Dimmable

- F026B3GA001
- F026B3GA006
- F026B3GA012
- F026B3GA018
- F026B3GA030
- F026B3GA033
- 1-10V
- F026B3GB001
- F026B3GB006
- F026B3GB012
- F026B3GB018
- F026B3GB030
- F026B3GB033
- Dali
- F026B3GD001
- F026B3GD006
- F026B3GD012
- F026B3GD018
- F026B3GD030
- F026B3GD033

### 4000K

Non Dimmable

- F026B4GA001
- F026B4GA006
- F026B4GA012
- F026B4GA018
- F026B4GA030
- F026B4GA033
- 1-10V
- F026B4GB001
- F026B4GB006
- F026B4GB012
- F026B4GB018
- F026B4GB030
- F026B4GB033
- Dali
- F026B4GD001
- F026B4GD006
- F026B4GD012
- F026B4GD018
- F026B4GD030
- F026B4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026B2HA001
- F026B2HA006
- F026B2HA012
- F026B2HA018
- F026B2HA030
- F026B2HA033
- 1-10V
- F026B2HB001
- F026B2HB006
- F026B2HB012
- F026B2HB018
- F026B2HB030
- F026B2HB033
- Dali
- F026B2HD001
- F026B2HD006
- F026B2HD012
- F026B2HD018
- F026B2HD030
- F026B2HD033

### 3000K

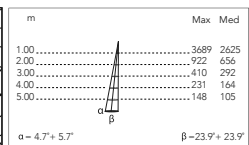
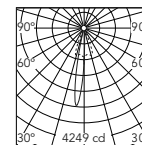
Non Dimmable

- F026B3HA001
- F026B3HA006
- F026B3HA012
- F026B3HA018
- F026B3HA030
- F026B3HA033
- 1-10V
- F026B3HB001
- F026B3HB006
- F026B3HB012
- F026B3HB018
- F026B3HB030
- F026B3HB033
- Dali
- F026B3HD001
- F026B3HD006
- F026B3HD012
- F026B3HD018
- F026B3HD030
- F026B3HD033

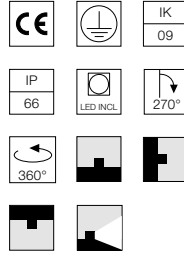
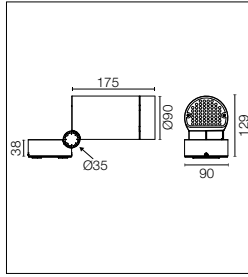
### 4000K

Non Dimmable

- F026B4HA001
- F026B4HA006
- F026B4HA012
- F026B4HA018
- F026B4HA030
- F026B4HA033
- 1-10V
- F026B4HB001
- F026B4HB006
- F026B4HB012
- F026B4HB018
- F026B4HB030
- F026B4HB033
- Dali
- F026B4HD001
- F026B4HD006
- F026B4HD012
- F026B4HD018
- F026B4HD030
- F026B4HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe eines mitgelieferten wasserdichten Steckverbinders. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its watertightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026C2BA001
- F026C2BA006
- F026C2BA012
- F026C2BA018
- F026C2BA030
- F026C2BA033
- 1-10V
- F026C2BB001
- F026C2BB006
- F026C2BB012
- F026C2BB018
- F026C2BB030
- F026C2BB033
- Dali
- F026C2BD001
- F026C2BD006
- F026C2BD012
- F026C2BD018
- F026C2BD030
- F026C2BD033

**3000K**

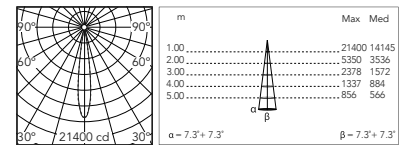
Non Dimmable

- F026C3BA001
- F026C3BA006
- F026C3BA012
- F026C3BA018
- F026C3BA030
- F026C3BA033
- 1-10V
- F026C3BB001
- F026C3BB006
- F026C3BB012
- F026C3BB018
- F026C3BB030
- F026C3BB033
- Dali
- F026C3BD001
- F026C3BD006
- F026C3BD012
- F026C3BD018
- F026C3BD030
- F026C3BD033

**4000K**

Non Dimmable

- F026C4BA001
- F026C4BA006
- F026C4BA012
- F026C4BA018
- F026C4BA030
- F026C4BA033
- 1-10V
- F026C4BB001
- F026C4BB006
- F026C4BB012
- F026C4BB018
- F026C4BB030
- F026C4BB033
- Dali
- F026C4BD001
- F026C4BD006
- F026C4BD012
- F026C4BD018
- F026C4BD030
- F026C4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026C2CA001
- F026C2CA006
- F026C2CA012
- F026C2CA018
- F026C2CA030
- F026C2CA033
- 1-10V
- F026C2CB001
- F026C2CB006
- F026C2CB012
- F026C2CB018
- F026C2CB030
- F026C2CB033
- Dali
- F026C2CD001
- F026C2CD006
- F026C2CD012
- F026C2CD018
- F026C2CD030
- F026C2CD033

**3000K**

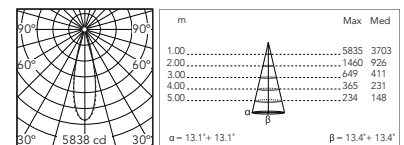
Non Dimmable

- F026C3CA001
- F026C3CA006
- F026C3CA012
- F026C3CA018
- F026C3CA030
- F026C3CA033
- 1-10V
- F026C3CB001
- F026C3CB006
- F026C3CB012
- F026C3CB018
- F026C3CB030
- F026C3CB033
- Dali
- F026C3CD001
- F026C3CD006
- F026C3CD012
- F026C3CD018
- F026C3CD030
- F026C3CD033

**4000K**

Non Dimmable

- F026C4CA001
- F026C4CA006
- F026C4CA012
- F026C4CA018
- F026C4CA030
- F026C4CA033
- 1-10V
- F026C4CB001
- F026C4CB006
- F026C4CB012
- F026C4CB018
- F026C4CB030
- F026C4CB033
- Dali
- F026C4CD001
- F026C4CD006
- F026C4CD012
- F026C4CD018
- F026C4CD030
- F026C4CD033



@ 3000K

# Spine 2 Ultra Hp

## Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026C2DA001
- F026C2DA006
- F026C2DA012
- F026C2DA018
- F026C2DA030
- F026C2DA033
- 1-10V
- F026C2DB001
- F026C2DB006
- F026C2DB012
- F026C2DB018
- F026C2DB030
- F026C2DB033
- Dali
- F026C2DD001
- F026C2DD006
- F026C2DD012
- F026C2DD018
- F026C2DD030
- F026C2DD033

### 3000K

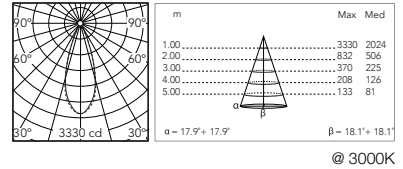
Non Dimmable

- F026C3DA001
- F026C3DA006
- F026C3DA012
- F026C3DA018
- F026C3DA030
- F026C3DA033
- 1-10V
- F026C3DB001
- F026C3DB006
- F026C3DB012
- F026C3DB018
- F026C3DB030
- F026C3DB033
- Dali
- F026C3DD001
- F026C3DD006
- F026C3DD012
- F026C3DD018
- F026C3DD030
- F026C3DD033

### 4000K

Non Dimmable

- F026C4DA001
- F026C4DA006
- F026C4DA012
- F026C4DA018
- F026C4DA030
- F026C4DA033
- 1-10V
- F026C4DB001
- F026C4DB006
- F026C4DB012
- F026C4DB018
- F026C4DB030
- F026C4DB033
- Dali
- F026C4DD001
- F026C4DD006
- F026C4DD012
- F026C4DD018
- F026C4DD030
- F026C4DD033



## Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026C2EA001
- F026C2EA006
- F026C2EA012
- F026C2EA018
- F026C2EA030
- F026C2EA033
- 1-10V
- F026C2EB001
- F026C2EB006
- F026C2EB012
- F026C2EB018
- F026C2EB030
- F026C2EB033
- Dali
- F026C2ED001
- F026C2ED006
- F026C2ED012
- F026C2ED018
- F026C2ED030
- F026C2ED033

### 3000K

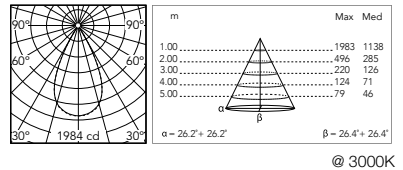
Non Dimmable

- F026C3EA001
- F026C3EA006
- F026C3EA012
- F026C3EA018
- F026C3EA030
- F026C3EA033
- 1-10V
- F026C3EB001
- F026C3EB006
- F026C3EB012
- F026C3EB018
- F026C3EB030
- F026C3EB033
- Dali
- F026C3ED001
- F026C3ED006
- F026C3ED012
- F026C3ED018
- F026C3ED030
- F026C3ED033

### 4000K

Non Dimmable

- F026C4EA001
- F026C4EA006
- F026C4EA012
- F026C4EA018
- F026C4EA030
- F026C4EA033
- 1-10V
- F026C4EB001
- F026C4EB006
- F026C4EB012
- F026C4EB018
- F026C4EB030
- F026C4EB033
- Dali
- F026C4ED001
- F026C4ED006
- F026C4ED012
- F026C4ED018
- F026C4ED030
- F026C4ED033



## Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026C2FA001
- F026C2FA006
- F026C2FA012
- F026C2FA018
- F026C2FA030
- F026C2FA033
- 1-10V
- F026C2FB001
- F026C2FB006
- F026C2FB012
- F026C2FB018
- F026C2FB030
- F026C2FB033
- Dali
- F026C2FD001
- F026C2FD006
- F026C2FD012
- F026C2FD018
- F026C2FD030
- F026C2FD033

### 3000K

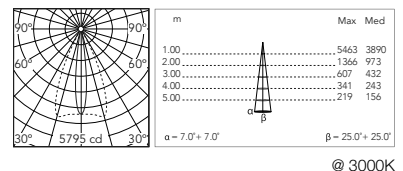
Non Dimmable

- F026C3FA001
- F026C3FA006
- F026C3FA012
- F026C3FA018
- F026C3FA030
- F026C3FA033
- 1-10V
- F026C3FB001
- F026C3FB006
- F026C3FB012
- F026C3FB018
- F026C3FB030
- F026C3FB033
- Dali
- F026C3FD001
- F026C3FD006
- F026C3FD012
- F026C3FD018
- F026C3FD030
- F026C3FD033

### 4000K

Non Dimmable

- F026C4FA001
- F026C4FA006
- F026C4FA012
- F026C4FA018
- F026C4FA030
- F026C4FA033
- 1-10V
- F026C4FB001
- F026C4FB006
- F026C4FB012
- F026C4FB018
- F026C4FB030
- F026C4FB033
- Dali
- F026C4FD001
- F026C4FD006
- F026C4FD012
- F026C4FD018
- F026C4FD030
- F026C4FD033





# Spine 2 Ultra Hp

## Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026C2GA001
- F026C2GA006
- F026C2GA012
- F026C2GA018
- F026C2GA030
- F026C2GA033
- 1-10V
- F026C2GB001
- F026C2GB006
- F026C2GB012
- F026C2GB018
- F026C2GB030
- F026C2GB033
- Dali
- F026C2GD001
- F026C2GD006
- F026C2GD012
- F026C2GD018
- F026C2GD030
- F026C2GD033

### 3000K

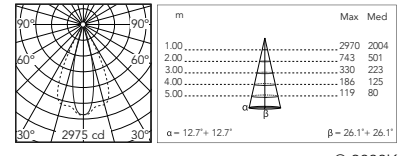
Non Dimmable

- F026C3GA001
- F026C3GA006
- F026C3GA012
- F026C3GA018
- F026C3GA030
- F026C3GA033
- 1-10V
- F026C3GB001
- F026C3GB006
- F026C3GB012
- F026C3GB018
- F026C3GB030
- F026C3GB033
- Dali
- F026C3GD001
- F026C3GD006
- F026C3GD012
- F026C3GD018
- F026C3GD030
- F026C3GD033

### 4000K

Non Dimmable

- F026C4GA001
- F026C4GA006
- F026C4GA012
- F026C4GA018
- F026C4GA030
- F026C4GA033
- 1-10V
- F026C4GB001
- F026C4GB006
- F026C4GB012
- F026C4GB018
- F026C4GB030
- F026C4GB033
- Dali
- F026C4GD001
- F026C4GD006
- F026C4GD012
- F026C4GD018
- F026C4GD030
- F026C4GD033



## Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026C2HA001
- F026C2HA006
- F026C2HA012
- F026C2HA018
- F026C2HA030
- F026C2HA033
- 1-10V
- F026C2HB001
- F026C2HB006
- F026C2HB012
- F026C2HB018
- F026C2HB030
- F026C2HB033
- Dali
- F026C2HD001
- F026C2HD006
- F026C2HD012
- F026C2HD018
- F026C2HD030
- F026C2HD033

### 3000K

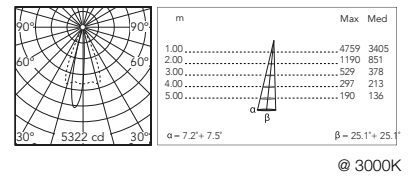
Non Dimmable

- F026C3HA001
- F026C3HA006
- F026C3HA012
- F026C3HA018
- F026C3HA030
- F026C3HA033
- 1-10V
- F026C3HB001
- F026C3HB006
- F026C3HB012
- F026C3HB018
- F026C3HB030
- F026C3HB033
- Dali
- F026C3HD001
- F026C3HD006
- F026C3HD012
- F026C3HD018
- F026C3HD030
- F026C3HD033

### 4000K

Non Dimmable

- F026C4HA001
- F026C4HA006
- F026C4HA012
- F026C4HA018
- F026C4HA030
- F026C4HA033
- 1-10V
- F026C4HB001
- F026C4HB006
- F026C4HB012
- F026C4HB018
- F026C4HB030
- F026C4HB033
- Dali
- F026C4HD001
- F026C4HD006
- F026C4HD012
- F026C4HD018
- F026C4HD030
- F026C4HD033

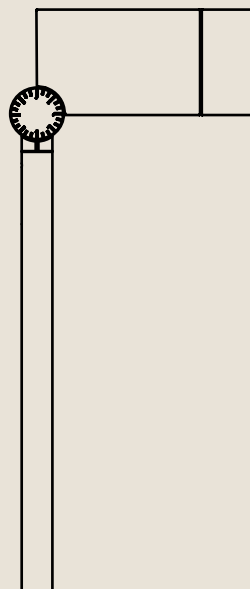


## Spine 2 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F026Z050001</li> <li>● F026Z050006</li> <li>● F026Z050012</li> <li>● F026Z050018</li> <li>● F026Z050030</li> <li>● F026Z050033</li> </ul>	
Erdspieß.	Ground spike.	F026Z010000	
Honeycomb	Honeycomb Louvre	F026Z060000	
Konverterlinse / Converter lenses:			
- Converter Spine 2 Optic Medium Flood		F029Z020000	
- Converter Spine 2 Optic Flood		F029Z021000	
- Converter Spine 2 Optic Wide Flood		F029Z022000	
- Converter Spine 2 Optic Elliptic 1		F029Z023000	
- Converter Spine 2 Optic Elliptic 2		F029Z024000	
- Converter Spine 2 Optic Wall Washer		F029Z025000	

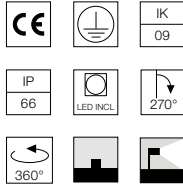
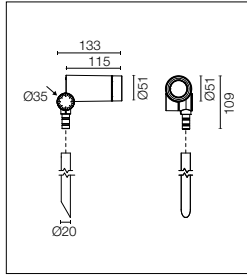


## Spine F



Eine spezielle Stange kann leicht im Boden installiert werden und steigert so die Vielseitigkeit des Produkts.

A special rod can be easily installed in the ground increasing the product versatility.



Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027L2BA001
- F027L2BA006
- F027L2BA012
- F027L2BA018
- F027L2BA030
- F027L2BA033

**3000K**

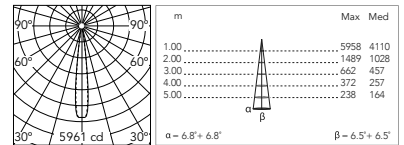
Non Dimmable

- F027L3BA001
- F027L3BA006
- F027L3BA012
- F027L3BA018
- F027L3BA030
- F027L3BA033

**4000K**

Non Dimmable

- F027L4BA001
- F027L4BA006
- F027L4BA012
- F027L4BA018
- F027L4BA030
- F027L4BA033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027L2CA001
- F027L2CA006
- F027L2CA012
- F027L2CA018
- F027L2CA030
- F027L2CA033

**3000K**

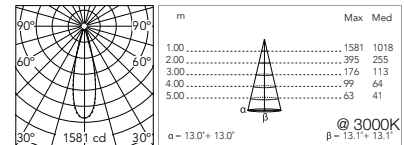
Non Dimmable

- F027L3CA001
- F027L3CA006
- F027L3CA012
- F027L3CA018
- F027L3CA030
- F027L3CA033

**4000K**

Non Dimmable

- F027L4CA001
- F027L4CA006
- F027L4CA012
- F027L4CA018
- F027L4CA030
- F027L4CA033



@ 3000K

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027L2DA001
- F027L2DA006
- F027L2DA012
- F027L2DA018
- F027L2DA030
- F027L2DA033

**3000K**

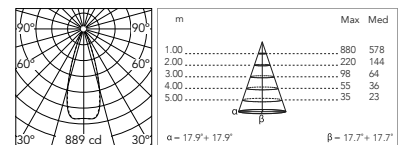
Non Dimmable

- F027L3DA001
- F027L3DA006
- F027L3DA012
- F027L3DA018
- F027L3DA030
- F027L3DA033

**4000K**

Non Dimmable

- F027L4DA001
- F027L4DA006
- F027L4DA012
- F027L4DA018
- F027L4DA030
- F027L4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F027L2EA001
- F027L2EA006
- F027L2EA012
- F027L2EA018
- F027L2EA030
- F027L2EA033

**3000K**

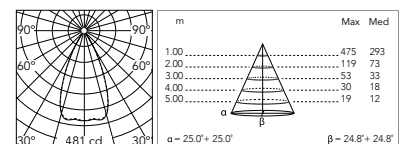
Non Dimmable

- F027L3EA001
- F027L3EA006
- F027L3EA012
- F027L3EA018
- F027L3EA030
- F027L3EA033

**4000K**

Non Dimmable

- F027L4EA001
- F027L4EA006
- F027L4EA012
- F027L4EA018
- F027L4EA030
- F027L4EA033



@ 3000K

# Spine F 0 Pro

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027L2FA001
- F027L2FA006
- F027L2FA012
- F027L2FA018
- F027L2FA030
- F027L2FA033

### 3000K

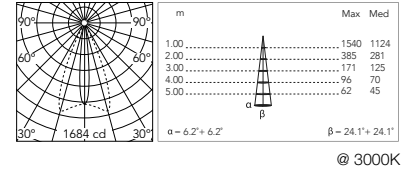
Non Dimmable

- F027L3FA001
- F027L3FA006
- F027L3FA012
- F027L3FA018
- F027L3FA030
- F027L3FA033

### 4000K

Non Dimmable

- F027L4FA001
- F027L4FA006
- F027L4FA012
- F027L4FA018
- F027L4FA030
- F027L4FA033



## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027L2GA001
- F027L2GA006
- F027L2GA012
- F027L2GA018
- F027L2GA030
- F027L2GA033

### 3000K

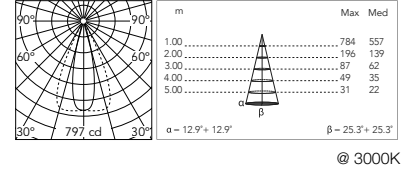
Non Dimmable

- F027L3GA001
- F027L3GA006
- F027L3GA012
- F027L3GA018
- F027L3GA030
- F027L3GA033

### 4000K

Non Dimmable

- F027L4GA001
- F027L4GA006
- F027L4GA012
- F027L4GA018
- F027L4GA030
- F027L4GA033



## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027L2HA001
- F027L2HA006
- F027L2HA012
- F027L2HA018
- F027L2HA030
- F027L2HA033

### 3000K

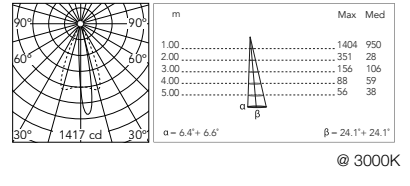
Non Dimmable

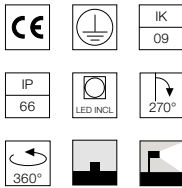
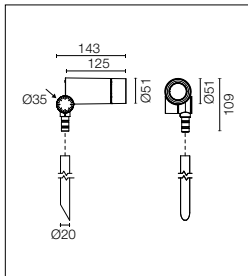
- F027L3HA001
- F027L3HA006
- F027L3HA012
- F027L3HA018
- F027L3HA030
- F027L3HA033

### 4000K

Non Dimmable

- F027L4HA001
- F027L4HA006
- F027L4HA012
- F027L4HA018
- F027L4HA030
- F027L4HA033





Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

<p><b>2700K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G2BA001</li> <li>● F027G2BA006</li> <li>● F027G2BA012</li> <li>● F027G2BA018</li> <li>● F027G2BA030</li> <li>● F027G2BA033</li> </ul>	<p><b>3000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G3BA001</li> <li>● F027G3BA006</li> <li>● F027G3BA012</li> <li>● F027G3BA018</li> <li>● F027G3BA030</li> <li>● F027G3BA033</li> </ul>	<p><b>4000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G4BA001</li> <li>● F027G4BA006</li> <li>● F027G4BA012</li> <li>● F027G4BA018</li> <li>● F027G4BA030</li> <li>● F027G4BA033</li> </ul>	<table border="1" style="font-size: small;"> <thead> <tr> <th>m</th> <th>Max</th> <th>Med</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>5958</td><td>4110</td></tr> <tr><td>2.00</td><td>1489</td><td>1028</td></tr> <tr><td>3.00</td><td>662</td><td>457</td></tr> <tr><td>4.00</td><td>372</td><td>257</td></tr> <tr><td>5.00</td><td>238</td><td>164</td></tr> </tbody> </table> <p>α = 6.8° + 6.8°      β = 6.5° + 6.5°</p> <p style="text-align: right;">@ 3000K</p>	m	Max	Med	1.00	5958	4110	2.00	1489	1028	3.00	662	457	4.00	372	257	5.00	238	164
m	Max	Med																			
1.00	5958	4110																			
2.00	1489	1028																			
3.00	662	457																			
4.00	372	257																			
5.00	238	164																			

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

<p><b>2700K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G2CA001</li> <li>● F027G2CA006</li> <li>● F027G2CA012</li> <li>● F027G2CA018</li> <li>● F027G2CA030</li> <li>● F027G2CA033</li> </ul>	<p><b>3000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G3CA001</li> <li>● F027G3CA006</li> <li>● F027G3CA012</li> <li>● F027G3CA018</li> <li>● F027G3CA030</li> <li>● F027G3CA033</li> </ul>	<p><b>4000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G4CA001</li> <li>● F027G4CA006</li> <li>● F027G4CA012</li> <li>● F027G4CA018</li> <li>● F027G4CA030</li> <li>● F027G4CA033</li> </ul>	<table border="1" style="font-size: small;"> <thead> <tr> <th>m</th> <th>Max</th> <th>Med</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>1581</td><td>1018</td></tr> <tr><td>2.00</td><td>395</td><td>255</td></tr> <tr><td>3.00</td><td>176</td><td>113</td></tr> <tr><td>4.00</td><td>99</td><td>64</td></tr> <tr><td>5.00</td><td>63</td><td>41</td></tr> </tbody> </table> <p>α = 13.0° + 13.0°      β = 13.1° + 13.1°</p> <p style="text-align: right;">@ 3000K</p>	m	Max	Med	1.00	1581	1018	2.00	395	255	3.00	176	113	4.00	99	64	5.00	63	41
m	Max	Med																			
1.00	1581	1018																			
2.00	395	255																			
3.00	176	113																			
4.00	99	64																			
5.00	63	41																			

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

<p><b>2700K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G2DA001</li> <li>● F027G2DA006</li> <li>● F027G2DA012</li> <li>● F027G2DA018</li> <li>● F027G2DA030</li> <li>● F027G2DA033</li> </ul>	<p><b>3000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G3DA001</li> <li>● F027G3DA006</li> <li>● F027G3DA012</li> <li>● F027G3DA018</li> <li>● F027G3DA030</li> <li>● F027G3DA033</li> </ul>	<p><b>4000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G4DA001</li> <li>● F027G4DA006</li> <li>● F027G4DA012</li> <li>● F027G4DA018</li> <li>● F027G4DA030</li> <li>● F027G4DA033</li> </ul>	<table border="1" style="font-size: small;"> <thead> <tr> <th>m</th> <th>Max</th> <th>Med</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>880</td><td>578</td></tr> <tr><td>2.00</td><td>220</td><td>144</td></tr> <tr><td>3.00</td><td>98</td><td>64</td></tr> <tr><td>4.00</td><td>55</td><td>36</td></tr> <tr><td>5.00</td><td>35</td><td>23</td></tr> </tbody> </table> <p>α = 17.9° + 17.9°      β = 17.7° + 17.7°</p> <p style="text-align: right;">@ 3000K</p>	m	Max	Med	1.00	880	578	2.00	220	144	3.00	98	64	4.00	55	36	5.00	35	23
m	Max	Med																			
1.00	880	578																			
2.00	220	144																			
3.00	98	64																			
4.00	55	36																			
5.00	35	23																			

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

<p><b>2700K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G2EA001</li> <li>● F027G2EA006</li> <li>● F027G2EA012</li> <li>● F027G2EA018</li> <li>● F027G2EA030</li> <li>● F027G2EA033</li> </ul>	<p><b>3000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G3EA001</li> <li>● F027G3EA006</li> <li>● F027G3EA012</li> <li>● F027G3EA018</li> <li>● F027G3EA030</li> <li>● F027G3EA033</li> </ul>	<p><b>4000K</b> Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F027G4EA001</li> <li>● F027G4EA006</li> <li>● F027G4EA012</li> <li>● F027G4EA018</li> <li>● F027G4EA030</li> <li>● F027G4EA033</li> </ul>	<table border="1" style="font-size: small;"> <thead> <tr> <th>m</th> <th>Max</th> <th>Med</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>475</td><td>293</td></tr> <tr><td>2.00</td><td>119</td><td>73</td></tr> <tr><td>3.00</td><td>53</td><td>33</td></tr> <tr><td>4.00</td><td>30</td><td>18</td></tr> <tr><td>5.00</td><td>19</td><td>12</td></tr> </tbody> </table> <p>α = 25.0° + 25.0°      β = 24.8° + 24.8°</p> <p style="text-align: right;">@ 3000K</p>	m	Max	Med	1.00	475	293	2.00	119	73	3.00	53	33	4.00	30	18	5.00	19	12
m	Max	Med																			
1.00	475	293																			
2.00	119	73																			
3.00	53	33																			
4.00	30	18																			
5.00	19	12																			

# Spine F 0 Ultra

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027G2FA001
- F027G2FA006
- F027G2FA012
- F027G2FA018
- F027G2FA030
- F027G2FA033

### 3000K

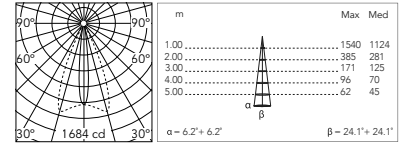
Non Dimmable

- F027G3FA001
- F027G3FA006
- F027G3FA012
- F027G3FA018
- F027G3FA030
- F027G3FA033

### 4000K

Non Dimmable

- F027G4FA001
- F027G4FA006
- F027G4FA012
- F027G4FA018
- F027G4FA030
- F027G4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027G2GA001
- F027G2GA006
- F027G2GA012
- F027G2GA018
- F027G2GA030
- F027G2GA033

### 3000K

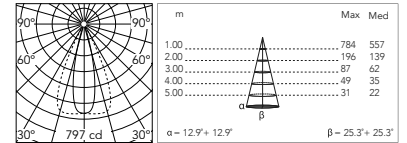
Non Dimmable

- F027G3GA001
- F027G3GA006
- F027G3GA012
- F027G3GA018
- F027G3GA030
- F027G3GA033

### 4000K

Non Dimmable

- F027G4GA001
- F027G4GA006
- F027G4GA012
- F027G4GA018
- F027G4GA030
- F027G4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F027G2HA001
- F027G2HA006
- F027G2HA012
- F027G2HA018
- F027G2HA030
- F027G2HA033

### 3000K

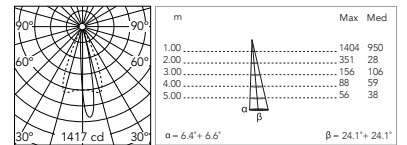
Non Dimmable

- F027G3HA001
- F027G3HA006
- F027G3HA012
- F027G3HA018
- F027G3HA030
- F027G3HA033

### 4000K

Non Dimmable

- F027G4HA001
- F027G4HA006
- F027G4HA012
- F027G4HA018
- F027G4HA030
- F027G4HA033



@ 3000K

## Spine F 0: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F027Z050001</li> <li>● F027Z050006</li> <li>● F027Z050012</li> <li>● F027Z050018</li> <li>● F027Z050030</li> <li>● F027Z050033</li> </ul>	
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## Spine F 0 Ultra: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	F027Z060000	
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IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000	
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### Konverterlinse / Converter lenses:

- Converter Spine 0 / Spine 1 Optic Medium Flood	F029Z010000	
- Converter Spine 0 / Spine 1 Optic Flood	F029Z011000	
- Converter Spine 0 / Spine 1 Optic Wide Flood	F029Z012000	
- Converter Spine 0 / Spine 1 Optic Elliptic 1	F029Z013000	
- Converter Spine 0 / Spine 1 Optic Elliptic 2	F029Z014000	
- Converter Spine 0 / Spine 1 Optic Wall Washer	F029Z015000	

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000	
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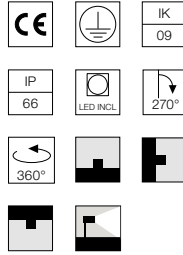
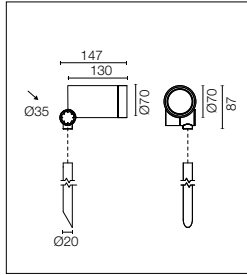
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	
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Stange, Höhe 200 - 500 mm über dem Boden, zur Bodenmontage.	Pole with an overground length of 200 - 500 mm for ground installation.	200 mm		
		<ul style="list-style-type: none"> <li>○ F026Z020001</li> <li>● F026Z020006</li> <li>● F026Z020012</li> <li>● F026Z020018</li> <li>● F026Z020030</li> <li>● F026Z020033</li> </ul>		
		500 mm	<ul style="list-style-type: none"> <li>○ F026Z030001</li> <li>● F026Z030006</li> <li>● F026Z030012</li> <li>● F026Z030018</li> <li>● F026Z030030</li> <li>● F026Z030033</li> </ul>	





# Spine F 1 Absolute



LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

## Optic Spot 15°

CoB Led: 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025F2BA001
- F025F2BA006
- F025F2BA012
- F025F2BA018
- F025F2BA030
- F025F2BA033

### 3000K

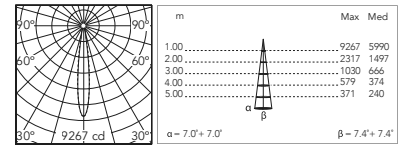
Non Dimmable

- F025F3BA001
- F025F3BA006
- F025F3BA012
- F025F3BA018
- F025F3BA030
- F025F3BA033

### 4000K

Non Dimmable

- F025F4BA001
- F025F4BA006
- F025F4BA012
- F025F4BA018
- F025F4BA030
- F025F4BA033



@ 3000K

## Optic Medium Flood 33°

CoB Led: 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025F2CA001
- F025F2CA006
- F025F2CA012
- F025F2CA018
- F025F2CA030
- F025F2CA033

### 3000K

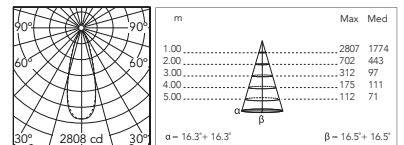
Non Dimmable

- F025F3CA001
- F025F3CA006
- F025F3CA012
- F025F3CA018
- F025F3CA030
- F025F3CA033

### 4000K

Non Dimmable

- F025F4CA001
- F025F4CA006
- F025F4CA012
- F025F4CA018
- F025F4CA030
- F025F4CA033



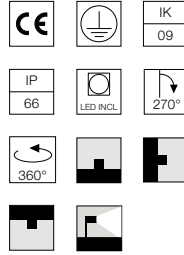
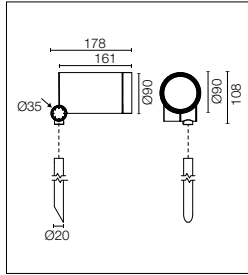
@ 3000K

## Spine F 1 / F 2 Absolute: Absolute: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	Spine F 1 F025Z060000		Ø60
Honeycomb	Honeycomb Louvre	Spine F 2 F026Z060000		Ø80
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine F 1 F990C100000		18 31 35
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine F 2 F990C110000		21,5 41 50

## Spine F 1 / F 2 Absolute: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		Ø22 80
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		54 80



LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

**Optic Spot 22°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026F2BA001.A
- F026F2BA006.A
- F026F2BA012.A
- F026F2BA018.A
- F026F2BA030.A
- F026F2BA033.A
- 1-10V
- F026F2BB001.A
- F026F2BB006.A
- F026F2BB012.A
- F026F2BB018.A
- F026F2BB030.A
- F026F2BB033.A
- Dali
- F026F2BD001.A
- F026F2BD006.A
- F026F2BD012.A
- F026F2BD018.A
- F026F2BD030.A
- F026F2BD033.A

**3000K**

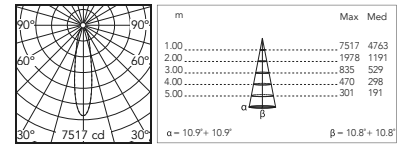
Non Dimmable

- F026F3BA001
- F026F3BA006
- F026F3BA012
- F026F3BA018
- F026F3BA030
- F026F3BA033
- 1-10V
- F026F3BB001
- F026F3BB006
- F026F3BB012
- F026F3BB018
- F026F3BB030
- F026F3BB033
- Dali
- F026F3BD001
- F026F3BD006
- F026F3BD012
- F026F3BD018
- F026F3BD030
- F026F3BD033

**4000K**

Non Dimmable

- F026F4BA001.A
- F026F4BA006.A
- F026F4BA012.A
- F026F4BA018.A
- F026F4BA030.A
- F026F4BA033.A
- 1-10V
- F026F4BB001.A
- F026F4BB006.A
- F026F4BB012.A
- F026F4BB018.A
- F026F4BB030.A
- F026F4BB033.A
- Dali
- F026F4BD001.A
- F026F4BD006.A
- F026F4BD012.A
- F026F4BD018.A
- F026F4BD030.A
- F026F4BD033.A



@ 3000K

**Optic Medium Flood 43°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026F2CA001.A
- F026F2CA006.A
- F026F2CA012.A
- F026F2CA018.A
- F026F2CA030.A
- F026F2CA033.A
- 1-10V
- F026F2CB001.A
- F026F2CB006.A
- F026F2CB012.A
- F026F2CB018.A
- F026F2CB030.A
- F026F2CB033.A
- Dali
- F026F2CD001.A
- F026F2CD006.A
- F026F2CD012.A
- F026F2CD018.A
- F026F2CD030.A
- F026F2CD033.A

**3000K**

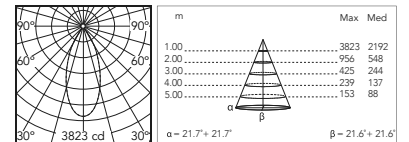
Non Dimmable

- F026F3CA001
- F026F3CA006
- F026F3CA012
- F026F3CA018
- F026F3CA030
- F026F3CA033
- 1-10V
- F026F3CB001
- F026F3CB006
- F026F3CB012
- F026F3CB018
- F026F3CB030
- F026F3CB033
- Dali
- F026F3CD001
- F026F3CD006
- F026F3CD012
- F026F3CD018
- F026F3CD030
- F026F3CD033

**4000K**

Non Dimmable

- F026F4CA001.A
- F026F4CA006.A
- F026F4CA012.A
- F026F4CA018.A
- F026F4CA030.A
- F026F4CA033.A
- 1-10V
- F026F4CB001.A
- F026F4CB006.A
- F026F4CB012.A
- F026F4CB018.A
- F026F4CB030.A
- F026F4CB033.A
- Dali
- F026F4CD001.A
- F026F4CD006.A
- F026F4CD012.A
- F026F4CD018.A
- F026F4CD030.A
- F026F4CD033.A



@ 3000K

**Spine F 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions**

5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.

Connector kit 5-pole flying socket + EU plug IP68.

F990C080000

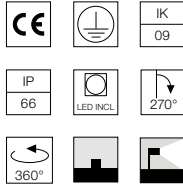
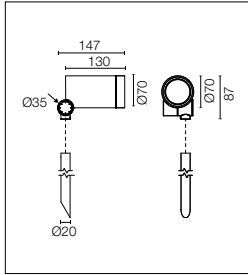


4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).

4 way junction box 5 poles IP68 (6-14 mm cables).

F990C030000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2AA001
- F025L2AA006
- F025L2AA012
- F025L2AA018
- F025L2AA030
- F025L2AA033

**3000K**

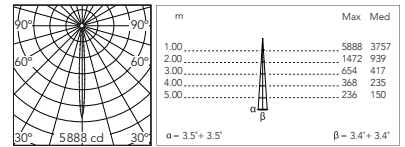
Non Dimmable

- F025L3AA001
- F025L3AA006
- F025L3AA012
- F025L3AA018
- F025L3AA030
- F025L3AA033

**4000K**

Non Dimmable

- F025L4AA001
- F025L4AA006
- F025L4AA012
- F025L4AA018
- F025L4AA030
- F025L4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2BA001
- F025L2BA006
- F025L2BA012
- F025L2BA018
- F025L2BA030
- F025L2BA033

**3000K**

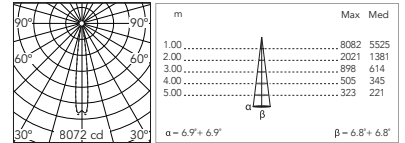
Non Dimmable

- F025L3BA001
- F025L3BA006
- F025L3BA012
- F025L3BA018
- F025L3BA030
- F025L3BA033

**4000K**

Non Dimmable

- F025L4BA001
- F025L4BA006
- F025L4BA012
- F025L4BA018
- F025L4BA030
- F025L4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2CA001
- F025L2CA006
- F025L2CA012
- F025L2CA018
- F025L2CA030
- F025L2CA033

**3000K**

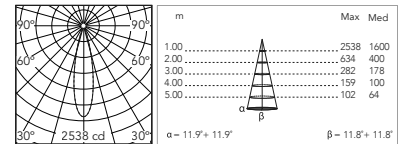
Non Dimmable

- F025L3CA001
- F025L3CA006
- F025L3CA012
- F025L3CA018
- F025L3CA030
- F025L3CA033

**4000K**

Non Dimmable

- F025L4CA001
- F025L4CA006
- F025L4CA012
- F025L4CA018
- F025L4CA030
- F025L4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2DA001
- F025L2DA006
- F025L2DA012
- F025L2DA018
- F025L2DA030
- F025L2DA033

**3000K**

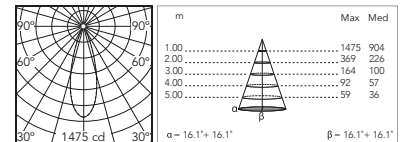
Non Dimmable

- F025L3DA001
- F025L3DA006
- F025L3DA012
- F025L3DA018
- F025L3DA030
- F025L3DA033

**4000K**

Non Dimmable

- F025L4DA001
- F025L4DA006
- F025L4DA012
- F025L4DA018
- F025L4DA030
- F025L4DA033



@ 3000K

**Optic Wide Flood 49°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2EA001
- F025L2EA006
- F025L2EA012
- F025L2EA018
- F025L2EA030
- F025L2EA033

**3000K**

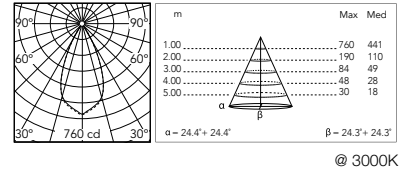
Non Dimmable

- F025L3EA001
- F025L3EA006
- F025L3EA012
- F025L3EA018
- F025L3EA030
- F025L3EA033

**4000K**

Non Dimmable

- F025L4EA001
- F025L4EA006
- F025L4EA012
- F025L4EA018
- F025L4EA030
- F025L4EA033



**Optic Elliptical 1 13,5° x 50°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2FA001
- F025L2FA006
- F025L2FA012
- F025L2FA018
- F025L2FA030
- F025L2FA033

**3000K**

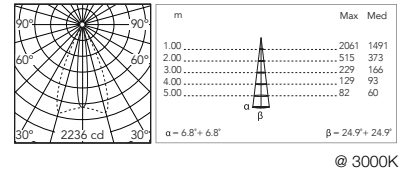
Non Dimmable

- F025L3FA001
- F025L3FA006
- F025L3FA012
- F025L3FA018
- F025L3FA030
- F025L3FA033

**4000K**

Non Dimmable

- F025L4FA001
- F025L4FA006
- F025L4FA012
- F025L4FA018
- F025L4FA030
- F025L4FA033



**Optic Elliptical 2 26° x 51°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2GA001
- F025L2GA006
- F025L2GA012
- F025L2GA018
- F025L2GA030
- F025L2GA033

**3000K**

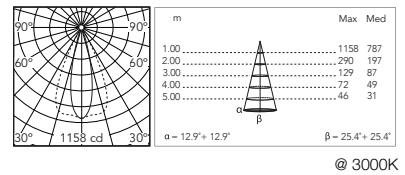
Non Dimmable

- F025L3GA001
- F025L3GA006
- F025L3GA012
- F025L3GA018
- F025L3GA030
- F025L3GA033

**4000K**

Non Dimmable

- F025L4GA001
- F025L4GA006
- F025L4GA012
- F025L4GA018
- F025L4GA030
- F025L4GA033



**Optic Wall Washer**

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025L2HA001
- F025L2HA006
- F025L2HA012
- F025L2HA018
- F025L2HA030
- F025L2HA033

**3000K**

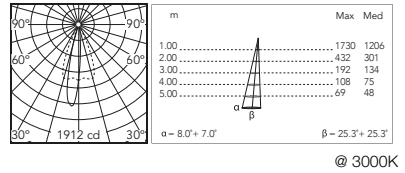
Non Dimmable

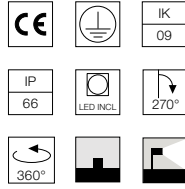
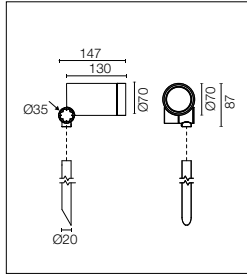
- F025L3HA001
- F025L3HA006
- F025L3HA012
- F025L3HA018
- F025L3HA030
- F025L3HA033

**4000K**

Non Dimmable

- F025L4HA001
- F025L4HA006
- F025L4HA012
- F025L4HA018
- F025L4HA030
- F025L4HA033





Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025M2BA001
- F025M2BA006
- F025M2BA012
- F025M2BA018
- F025M2BA030
- F025M2BA033

**3000K**

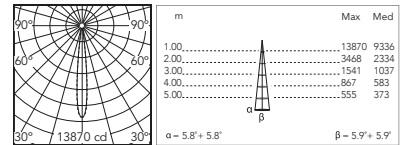
Non Dimmable

- F025M3BA001
- F025M3BA006
- F025M3BA012
- F025M3BA018
- F025M3BA030
- F025M3BA033

**4000K**

Non Dimmable

- F025M4BA001
- F025M4BA006
- F025M4BA012
- F025M4BA018
- F025M4BA030
- F025M4BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025M2CA001
- F025M2CA006
- F025M2CA012
- F025M2CA018
- F025M2CA030
- F025M2CA033

**3000K**

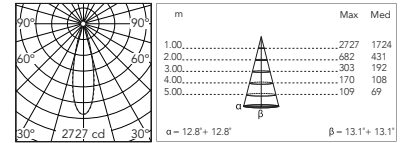
Non Dimmable

- F025M3CA001
- F025M3CA006
- F025M3CA012
- F025M3CA018
- F025M3CA030
- F025M3CA033

**4000K**

Non Dimmable

- F025M4CA001
- F025M4CA006
- F025M4CA012
- F025M4CA018
- F025M4CA030
- F025M4CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025M2DA001
- F025M2DA006
- F025M2DA012
- F025M2DA018
- F025M2DA030
- F025M2DA033

**3000K**

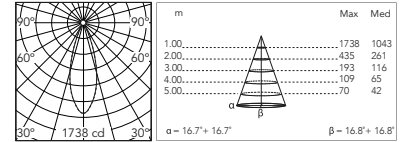
Non Dimmable

- F025M3DA001
- F025M3DA006
- F025M3DA012
- F025M3DA018
- F025M3DA030
- F025M3DA033

**4000K**

Non Dimmable

- F025M4DA001
- F025M4DA006
- F025M4DA012
- F025M4DA018
- F025M4DA030
- F025M4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025M2EA001
- F025M2EA006
- F025M2EA012
- F025M2EA018
- F025M2EA030
- F025M2EA033

**3000K**

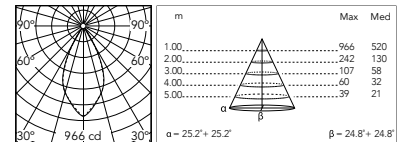
Non Dimmable

- F025M3EA001
- F025M3EA006
- F025M3EA012
- F025M3EA018
- F025M3EA030
- F025M3EA033

**4000K**

Non Dimmable

- F025M4EA001
- F025M4EA006
- F025M4EA012
- F025M4EA018
- F025M4EA030
- F025M4EA033



@ 3000K

## Spine F 1 Pro Hp

### Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025M2FA001
- F025M2FA006
- F025M2FA012
- F025M2FA018
- F025M2FA030
- F025M2FA033

#### 3000K

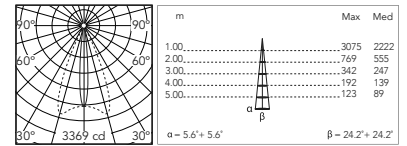
Non Dimmable

- F025M3FA001
- F025M3FA006
- F025M3FA012
- F025M3FA018
- F025M3FA030
- F025M3FA033

#### 4000K

Non Dimmable

- F025M4FA001
- F025M4FA006
- F025M4FA012
- F025M4FA018
- F025M4FA030
- F025M4FA033



@ 3000K

### Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025M2GA001
- F025M2GA006
- F025M2GA012
- F025M2GA018
- F025M2GA030
- F025M2GA033

#### 3000K

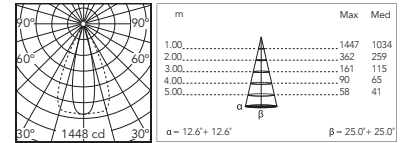
Non Dimmable

- F025M3GA001
- F025M3GA006
- F025M3GA012
- F025M3GA018
- F025M3GA030
- F025M3GA033

#### 4000K

Non Dimmable

- F025M4GA001
- F025M4GA006
- F025M4GA012
- F025M4GA018
- F025M4GA030
- F025M4GA033



@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025M2HA001
- F025M2HA006
- F025M2HA012
- F025M2HA018
- F025M2HA030
- F025M2HA033

#### 3000K

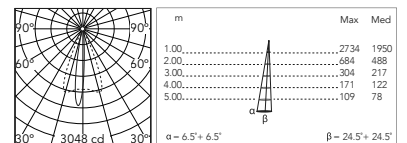
Non Dimmable

- F025M3HA001
- F025M3HA006
- F025M3HA012
- F025M3HA018
- F025M3HA030
- F025M3HA033

#### 4000K

Non Dimmable

- F025M4HA001
- F025M4HA006
- F025M4HA012
- F025M4HA018
- F025M4HA030
- F025M4HA033



@ 3000K

## Spine F 1 Pro: Zubehörteile / Accessories

Honeycomb

Honeycomb Louvre

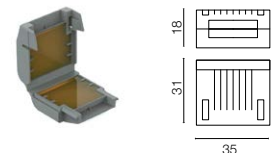
F025Z060000



IPX8 Gelbox für den elektrischen Anschluss.

Gelbox IPX8 for splicing connectors.

F990C100000



Konverterlinse / Converter lenses:

- Converter Spine 0 / Spine 1 Optic Medium Flood
- Converter Spine 0 / Spine 1 Optic Flood
- Converter Spine 0 / Spine 1 Optic Wide Flood
- Converter Spine 0 / Spine 1 Optic Elliptic 1
- Converter Spine 0 / Spine 1 Optic Elliptic 2
- Converter Spine 0 / Spine 1 Optic Wall Washer

F029Z010000  
F029Z011000  
F029Z012000  
F029Z013000  
F029Z014000  
F029Z015000



Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.

2 way terminal block 4 poles IP68 H2O Stop.

F990C00A000

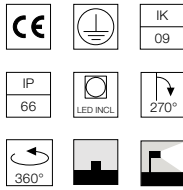
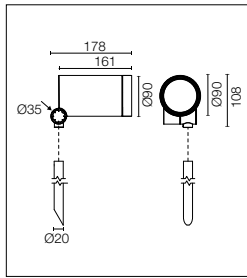


Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).

F990C010000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026L2AA001
- F026L2AA006
- F026L2AA012
- F026L2AA018
- F026L2AA030
- F026L2AA033
- 1-10V
- F026L2AB001
- F026L2AB006
- F026L2AB012
- F026L2AB018
- F026L2AB030
- F026L2AB033
- Dali
- F026L2AD001
- F026L2AD006
- F026L2AD012
- F026L2AD018
- F026L2AD030
- F026L2AD033

**3000K**

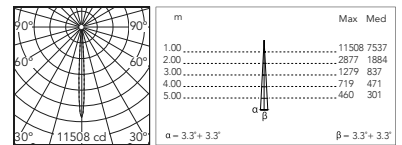
Non Dimmable

- F026L3AA001
- F026L3AA006
- F026L3AA012
- F026L3AA018
- F026L3AA030
- F026L3AA033
- 1-10V
- F026L3AB001
- F026L3AB006
- F026L3AB012
- F026L3AB018
- F026L3AB030
- F026L3AB033
- Dali
- F026L3AD001
- F026L3AD006
- F026L3AD012
- F026L3AD018
- F026L3AD030
- F026L3AD033

**4000K**

Non Dimmable

- F026L4AA001
- F026L4AA006
- F026L4AA012
- F026L4AA018
- F026L4AA030
- F026L4AA033
- 1-10V
- F026L4AB001
- F026L4AB006
- F026L4AB012
- F026L4AB018
- F026L4AB030
- F026L4AB033
- Dali
- F026L4AD001
- F026L4AD006
- F026L4AD012
- F026L4AD018
- F026L4AD030
- F026L4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026L2BA001
- F026L2BA006
- F026L2BA012
- F026L2BA018
- F026L2BA030
- F026L2BA033
- 1-10V
- F026L2BB001
- F026L2BB006
- F026L2BB012
- F026L2BB018
- F026L2BB030
- F026L2BB033
- Dali
- F026L2BD001
- F026L2BD006
- F026L2BD012
- F026L2BD018
- F026L2BD030
- F026L2BD033

**3000K**

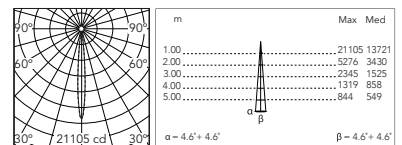
Non Dimmable

- F026L3BA001
- F026L3BA006
- F026L3BA012
- F026L3BA018
- F026L3BA030
- F026L3BA033
- 1-10V
- F026L3BB001
- F026L3BB006
- F026L3BB012
- F026L3BB018
- F026L3BB030
- F026L3BB033
- Dali
- F026L3BD001
- F026L3BD006
- F026L3BD012
- F026L3BD018
- F026L3BD030
- F026L3BD033

**4000K**

Non Dimmable

- F026L4BA001
- F026L4BA006
- F026L4BA012
- F026L4BA018
- F026L4BA030
- F026L4BA033
- 1-10V
- F026L4BB001
- F026L4BB006
- F026L4BB012
- F026L4BB018
- F026L4BB030
- F026L4BB033
- Dali
- F026L4BD001
- F026L4BD006
- F026L4BD012
- F026L4BD018
- F026L4BD030
- F026L4BD033



@ 3000K



**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026L2CA001
- F026L2CA006
- F026L2CA012
- F026L2CA018
- F026L2CA030
- F026L2CA033
- 1-10V
- F026L2CB001
- F026L2CB006
- F026L2CB012
- F026L2CB018
- F026L2CB030
- F026L2CB033
- Dali
- F026L2CD001
- F026L2CD006
- F026L2CD012
- F026L2CD018
- F026L2CD030
- F026L2CD033

**3000K**

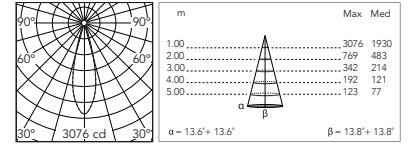
Non Dimmable

- F026L3CA001
- F026L3CA006
- F026L3CA012
- F026L3CA018
- F026L3CA030
- F026L3CA033
- 1-10V
- F026L3CB001
- F026L3CB006
- F026L3CB012
- F026L3CB018
- F026L3CB030
- F026L3CB033
- Dali
- F026L3CD001
- F026L3CD006
- F026L3CD012
- F026L3CD018
- F026L3CD030
- F026L3CD033

**4000K**

Non Dimmable

- F026L4CA001
- F026L4CA006
- F026L4CA012
- F026L4CA018
- F026L4CA030
- F026L4CA033
- 1-10V
- F026L4CB001
- F026L4CB006
- F026L4CB012
- F026L4CB018
- F026L4CB030
- F026L4CB033
- Dali
- F026L4CD001
- F026L4CD006
- F026L4CD012
- F026L4CD018
- F026L4CD030
- F026L4CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026L2DA001
- F026L2DA006
- F026L2DA012
- F026L2DA018
- F026L2DA030
- F026L2DA033
- 1-10V
- F026L2DB001
- F026L2DB006
- F026L2DB012
- F026L2DB018
- F026L2DB030
- F026L2DB033
- Dali
- F026L2DD001
- F026L2DD006
- F026L2DD012
- F026L2DD018
- F026L2DD030
- F026L2DD033

**3000K**

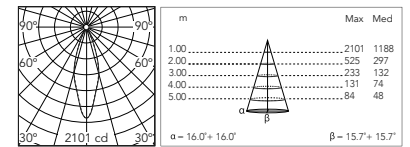
Non Dimmable

- F026L3DA001
- F026L3DA006
- F026L3DA012
- F026L3DA018
- F026L3DA030
- F026L3DA033
- 1-10V
- F026L3DB001
- F026L3DB006
- F026L3DB012
- F026L3DB018
- F026L3DB030
- F026L3DB033
- Dali
- F026L3DD001
- F026L3DD006
- F026L3DD012
- F026L3DD018
- F026L3DD030
- F026L3DD033

**4000K**

Non Dimmable

- F026L4DA001
- F026L4DA006
- F026L4DA012
- F026L4DA018
- F026L4DA030
- F026L4DA033
- 1-10V
- F026L4DB001
- F026L4DB006
- F026L4DB012
- F026L4DB018
- F026L4DB030
- F026L4DB033
- Dali
- F026L4DD001
- F026L4DD006
- F026L4DD012
- F026L4DD018
- F026L4DD030
- F026L4DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026L2EA001
- F026L2EA006
- F026L2EA012
- F026L2EA018
- F026L2EA030
- F026L2EA033
- 1-10V
- F026L2EB001
- F026L2EB006
- F026L2EB012
- F026L2EB018
- F026L2EB030
- F026L2EB033
- Dali
- F026L2ED001
- F026L2ED006
- F026L2ED012
- F026L2ED018
- F026L2ED030
- F026L2ED033

**3000K**

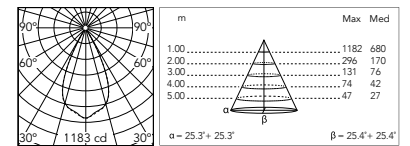
Non Dimmable

- F026L3EA001
- F026L3EA006
- F026L3EA012
- F026L3EA018
- F026L3EA030
- F026L3EA033
- 1-10V
- F026L3EB001
- F026L3EB006
- F026L3EB012
- F026L3EB018
- F026L3EB030
- F026L3EB033
- Dali
- F026L3ED001
- F026L3ED006
- F026L3ED012
- F026L3ED018
- F026L3ED030
- F026L3ED033

**4000K**

Non Dimmable

- F026L4EA001
- F026L4EA006
- F026L4EA012
- F026L4EA018
- F026L4EA030
- F026L4EA033
- 1-10V
- F026L4EB001
- F026L4EB006
- F026L4EB012
- F026L4EB018
- F026L4EB030
- F026L4EB033
- Dali
- F026L4ED001
- F026L4ED006
- F026L4ED012
- F026L4ED018
- F026L4ED030
- F026L4ED033



@ 3000K

# Spine F 2 Pro

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026L2FA001
- F026L2FA006
- F026L2FA012
- F026L2FA018
- F026L2FA030
- F026L2FA033
- 1-10V
- F026L2FB001
- F026L2FB006
- F026L2FB012
- F026L2FB018
- F026L2FB030
- F026L2FB033
- Dali
- F026L2FD001
- F026L2FD006
- F026L2FD012
- F026L2FD018
- F026L2FD030
- F026L2FD033

### 3000K

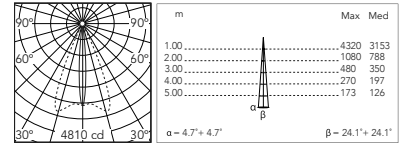
Non Dimmable

- F026L3FA001
- F026L3FA006
- F026L3FA012
- F026L3FA018
- F026L3FA030
- F026L3FA033
- 1-10V
- F026L3FB001
- F026L3FB006
- F026L3FB012
- F026L3FB018
- F026L3FB030
- F026L3FB033
- Dali
- F026L3FD001
- F026L3FD006
- F026L3FD012
- F026L3FD018
- F026L3FD030
- F026L3FD033

### 4000K

Non Dimmable

- F026L4FA001
- F026L4FA006
- F026L4FA012
- F026L4FA018
- F026L4FA030
- F026L4FA033
- 1-10V
- F026L4FB001
- F026L4FB006
- F026L4FB012
- F026L4FB018
- F026L4FB030
- F026L4FB033
- Dali
- F026L4FD001
- F026L4FD006
- F026L4FD012
- F026L4FD018
- F026L4FD030
- F026L4FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026L2GA001
- F026L2GA006
- F026L2GA012
- F026L2GA018
- F026L2GA030
- F026L2GA033
- 1-10V
- F026L2GB001
- F026L2GB006
- F026L2GB012
- F026L2GB018
- F026L2GB030
- F026L2GB033
- Dali
- F026L2GD001
- F026L2GD006
- F026L2GD012
- F026L2GD018
- F026L2GD030
- F026L2GD033

### 3000K

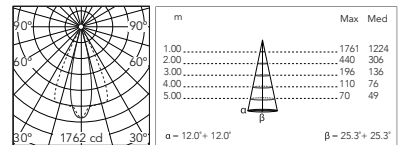
Non Dimmable

- F026L3GA001
- F026L3GA006
- F026L3GA012
- F026L3GA018
- F026L3GA030
- F026L3GA033
- 1-10V
- F026L3GB001
- F026L3GB006
- F026L3GB012
- F026L3GB018
- F026L3GB030
- F026L3GB033
- Dali
- F026L3GD001
- F026L3GD006
- F026L3GD012
- F026L3GD018
- F026L3GD030
- F026L3GD033

### 4000K

Non Dimmable

- F026L4GA001
- F026L4GA006
- F026L4GA012
- F026L4GA018
- F026L4GA030
- F026L4GA033
- 1-10V
- F026L4GB001
- F026L4GB006
- F026L4GB012
- F026L4GB018
- F026L4GB030
- F026L4GB033
- Dali
- F026L4GD001
- F026L4GD006
- F026L4GD012
- F026L4GD018
- F026L4GD030
- F026L4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026L2HA001
- F026L2HA006
- F026L2HA012
- F026L2HA018
- F026L2HA030
- F026L2HA033
- 1-10V
- F026L2HB001
- F026L2HB006
- F026L2HB012
- F026L2HB018
- F026L2HB030
- F026L2HB033
- Dali
- F026L2HD001
- F026L2HD006
- F026L2HD012
- F026L2HD018
- F026L2HD030
- F026L2HD033

### 3000K

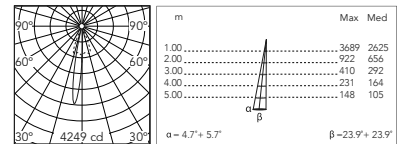
Non Dimmable

- F026L3HA001
- F026L3HA006
- F026L3HA012
- F026L3HA018
- F026L3HA030
- F026L3HA033
- 1-10V
- F026L3HB001
- F026L3HB006
- F026L3HB012
- F026L3HB018
- F026L3HB030
- F026L3HB033
- Dali
- F026L3HD001
- F026L3HD006
- F026L3HD012
- F026L3HD018
- F026L3HD030
- F026L3HD033

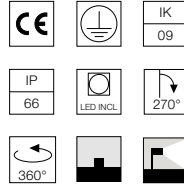
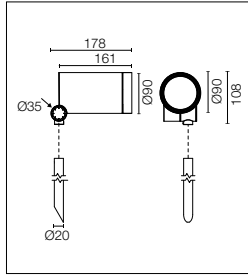
### 4000K

Non Dimmable

- F026L4HA001
- F026L4HA006
- F026L4HA012
- F026L4HA018
- F026L4HA030
- F026L4HA033
- 1-10V
- F026L4HB001
- F026L4HB006
- F026L4HB012
- F026L4HB018
- F026L4HB030
- F026L4HB033
- Dali
- F026L4HD001
- F026L4HD006
- F026L4HD012
- F026L4HD018
- F026L4HD030
- F026L4HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbinding; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026M2BA001
- F026M2BA006
- F026M2BA012
- F026M2BA018
- F026M2BA030
- F026M2BA033
- 1-10V
- F026M2BB001
- F026M2BB006
- F026M2BB012
- F026M2BB018
- F026M2BB030
- F026M2BB033
- Dali
- F026M2BD001
- F026M2BD006
- F026M2BD012
- F026M2BD018
- F026M2BD030
- F026M2BD033

**3000K**

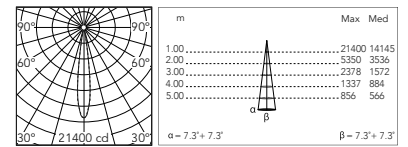
Non Dimmable

- F026M3BA001
- F026M3BA006
- F026M3BA012
- F026M3BA018
- F026M3BA030
- F026M3BA033
- 1-10V
- F026M3BB001
- F026M3BB006
- F026M3BB012
- F026M3BB018
- F026M3BB030
- F026M3BB033
- Dali
- F026M3BD001
- F026M3BD006
- F026M3BD012
- F026M3BD018
- F026M3BD030
- F026M3BD033

**4000K**

Non Dimmable

- F026M4BA001
- F026M4BA006
- F026M4BA012
- F026M4BA018
- F026M4BA030
- F026M4BA033
- 1-10V
- F026M4BB001
- F026M4BB006
- F026M4BB012
- F026M4BB018
- F026M4BB030
- F026M4BB033
- Dali
- F026M4BD001
- F026M4BD006
- F026M4BD012
- F026M4BD018
- F026M4BD030
- F026M4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026M2CA001
- F026M2CA006
- F026M2CA012
- F026M2CA018
- F026M2CA030
- F026M2CA033
- 1-10V
- F026M2CB001
- F026M2CB006
- F026M2CB012
- F026M2CB018
- F026M2CB030
- F026M2CB033
- Dali
- F026M2CD001
- F026M2CD006
- F026M2CD012
- F026M2CD018
- F026M2CD030
- F026M2CD033

**3000K**

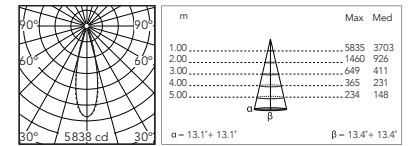
Non Dimmable

- F026M3CA001
- F026M3CA006
- F026M3CA012
- F026M3CA018
- F026M3CA030
- F026M3CA033
- 1-10V
- F026M3CB001
- F026M3CB006
- F026M3CB012
- F026M3CB018
- F026M3CB030
- F026M3CB033
- Dali
- F026M3CD001
- F026M3CD006
- F026M3CD012
- F026M3CD018
- F026M3CD030
- F026M3CD033

**4000K**

Non Dimmable

- F026M4CA001
- F026M4CA006
- F026M4CA012
- F026M4CA018
- F026M4CA030
- F026M4CA033
- 1-10V
- F026M4CB001
- F026M4CB006
- F026M4CB012
- F026M4CB018
- F026M4CB030
- F026M4CB033
- Dali
- F026M4CD001
- F026M4CD006
- F026M4CD012
- F026M4CD018
- F026M4CD030
- F026M4CD033



@ 3000K

# Spine F 2 Pro Hp

## Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026M2DA001
- F026M2DA006
- F026M2DA012
- F026M2DA018
- F026M2DA030
- F026M2DA033
- 1-10V
- F026M2DB001
- F026M2DB006
- F026M2DB012
- F026M2DB018
- F026M2DB030
- F026M2DB033
- Dali
- F026M2DD001
- F026M2DD006
- F026M2DD012
- F026M2DD018
- F026M2DD030
- F026M2DD033

### 3000K

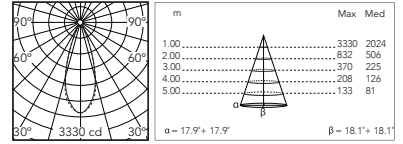
Non Dimmable

- F026M3DA001
- F026M3DA006
- F026M3DA012
- F026M3DA018
- F026M3DA030
- F026M3DA033
- 1-10V
- F026M3DB001
- F026M3DB006
- F026M3DB012
- F026M3DB018
- F026M3DB030
- F026M3DB033
- Dali
- F026M3DD001
- F026M3DD006
- F026M3DD012
- F026M3DD018
- F026M3DD030
- F026M3DD033

### 4000K

Non Dimmable

- F026M4DA001
- F026M4DA006
- F026M4DA012
- F026M4DA018
- F026M4DA030
- F026M4DA033
- 1-10V
- F026M4DB001
- F026M4DB006
- F026M4DB012
- F026M4DB018
- F026M4DB030
- F026M4DB033
- Dali
- F026M4DD001
- F026M4DD006
- F026M4DD012
- F026M4DD018
- F026M4DD030
- F026M4DD033



@ 3000K

## Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026M2EA001
- F026M2EA006
- F026M2EA012
- F026M2EA018
- F026M2EA030
- F026M2EA033
- 1-10V
- F026M2EB001
- F026M2EB006
- F026M2EB012
- F026M2EB018
- F026M2EB030
- F026M2EB033
- Dali
- F026M2ED001
- F026M2ED006
- F026M2ED012
- F026M2ED018
- F026M2ED030
- F026M2ED033

### 3000K

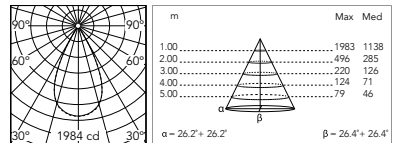
Non Dimmable

- F026M3EA001
- F026M3EA006
- F026M3EA012
- F026M3EA018
- F026M3EA030
- F026M3EA033
- 1-10V
- F026M3EB001
- F026M3EB006
- F026M3EB012
- F026M3EB018
- F026M3EB030
- F026M3EB033
- Dali
- F026M3ED001
- F026M3ED006
- F026M3ED012
- F026M3ED018
- F026M3ED030
- F026M3ED033

### 4000K

Non Dimmable

- F026M4EA001
- F026M4EA006
- F026M4EA012
- F026M4EA018
- F026M4EA030
- F026M4EA033
- 1-10V
- F026M4EB001
- F026M4EB006
- F026M4EB012
- F026M4EB018
- F026M4EB030
- F026M4EB033
- Dali
- F026M4ED001
- F026M4ED006
- F026M4ED012
- F026M4ED018
- F026M4ED030
- F026M4ED033



@ 3000K

## Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026M2FA001
- F026M2FA006
- F026M2FA012
- F026M2FA018
- F026M2FA030
- F026M2FA033
- 1-10V
- F026M2FB001
- F026M2FB006
- F026M2FB012
- F026M2FB018
- F026M2FB030
- F026M2FB033
- Dali
- F026M2FD001
- F026M2FD006
- F026M2FD012
- F026M2FD018
- F026M2FD030
- F026M2FD033

### 3000K

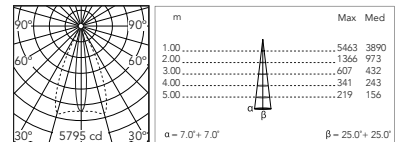
Non Dimmable

- F026M3FA001
- F026M3FA006
- F026M3FA012
- F026M3FA018
- F026M3FA030
- F026M3FA033
- 1-10V
- F026M3FB001
- F026M3FB006
- F026M3FB012
- F026M3FB018
- F026M3FB030
- F026M3FB033
- Dali
- F026M3FD001
- F026M3FD006
- F026M3FD012
- F026M3FD018
- F026M3FD030
- F026M3FD033

### 4000K

Non Dimmable

- F026M4FA001
- F026M4FA006
- F026M4FA012
- F026M4FA018
- F026M4FA030
- F026M4FA033
- 1-10V
- F026M4FB001
- F026M4FB006
- F026M4FB012
- F026M4FB018
- F026M4FB030
- F026M4FB033
- Dali
- F026M4FD001
- F026M4FD006
- F026M4FD012
- F026M4FD018
- F026M4FD030
- F026M4FD033



@ 3000K

Optic Elliptical 2 25° x 52°

Power Led: 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- F026M2GA001
- F026M2GA006
- F026M2GA012
- F026M2GA018
- F026M2GA030
- F026M2GA033

1-10V

- F026M2GB001
- F026M2GB006
- F026M2GB012
- F026M2GB018
- F026M2GB030
- F026M2GB033

Dali

- F026M2GD001
- F026M2GD006
- F026M2GD012
- F026M2GD018
- F026M2GD030
- F026M2GD033

3000K

Non Dimmable

- F026M3GA001
- F026M3GA006
- F026M3GA012
- F026M3GA018
- F026M3GA030
- F026M3GA033

1-10V

- F026M3GB001
- F026M3GB006
- F026M3GB012
- F026M3GB018
- F026M3GB030
- F026M3GB033

Dali

- F026M3GD001
- F026M3GD006
- F026M3GD012
- F026M3GD018
- F026M3GD030
- F026M3GD033

4000K

Non Dimmable

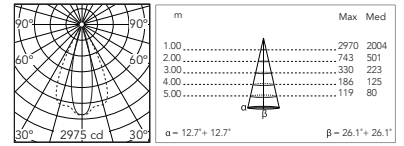
- F026M4GA001
- F026M4GA006
- F026M4GA012
- F026M4GA018
- F026M4GA030
- F026M4GA033

1-10V

- F026M4GB001
- F026M4GB006
- F026M4GB012
- F026M4GB018
- F026M4GB030
- F026M4GB033

Dali

- F026M4GD001
- F026M4GD006
- F026M4GD012
- F026M4GD018
- F026M4GD030
- F026M4GD033



@ 3000K

Optic Wall Washer

Power Led: 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- F026M2HA001
- F026M2HA006
- F026M2HA012
- F026M2HA018
- F026M2HA030
- F026M2HA033

1-10V

- F026M2HB001
- F026M2HB006
- F026M2HB012
- F026M2HB018
- F026M2HB030
- F026M2HB033

Dali

- F026M2HD001
- F026M2HD006
- F026M2HD012
- F026M2HD018
- F026M2HD030
- F026M2HD033

3000K

Non Dimmable

- F026M3HA001
- F026M3HA006
- F026M3HA012
- F026M3HA018
- F026M3HA030
- F026M3HA033

1-10V

- F026M3HB001
- F026M3HB006
- F026M3HB012
- F026M3HB018
- F026M3HB030
- F026M3HB033

Dali

- F026M3HD001
- F026M3HD006
- F026M3HD012
- F026M3HD018
- F026M3HD030
- F026M3HD033

4000K

Non Dimmable

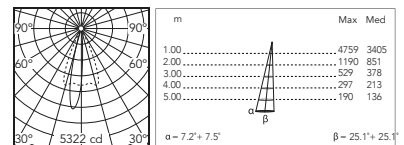
- F026M4HA001
- F026M4HA006
- F026M4HA012
- F026M4HA018
- F026M4HA030
- F026M4HA033

1-10V

- F026M4HB001
- F026M4HB006
- F026M4HB012
- F026M4HB018
- F026M4HB030
- F026M4HB033


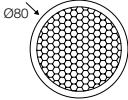
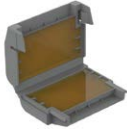
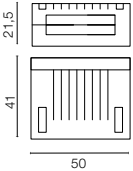

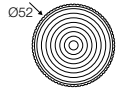

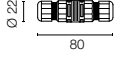

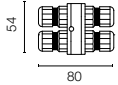



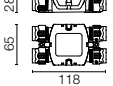
Dali

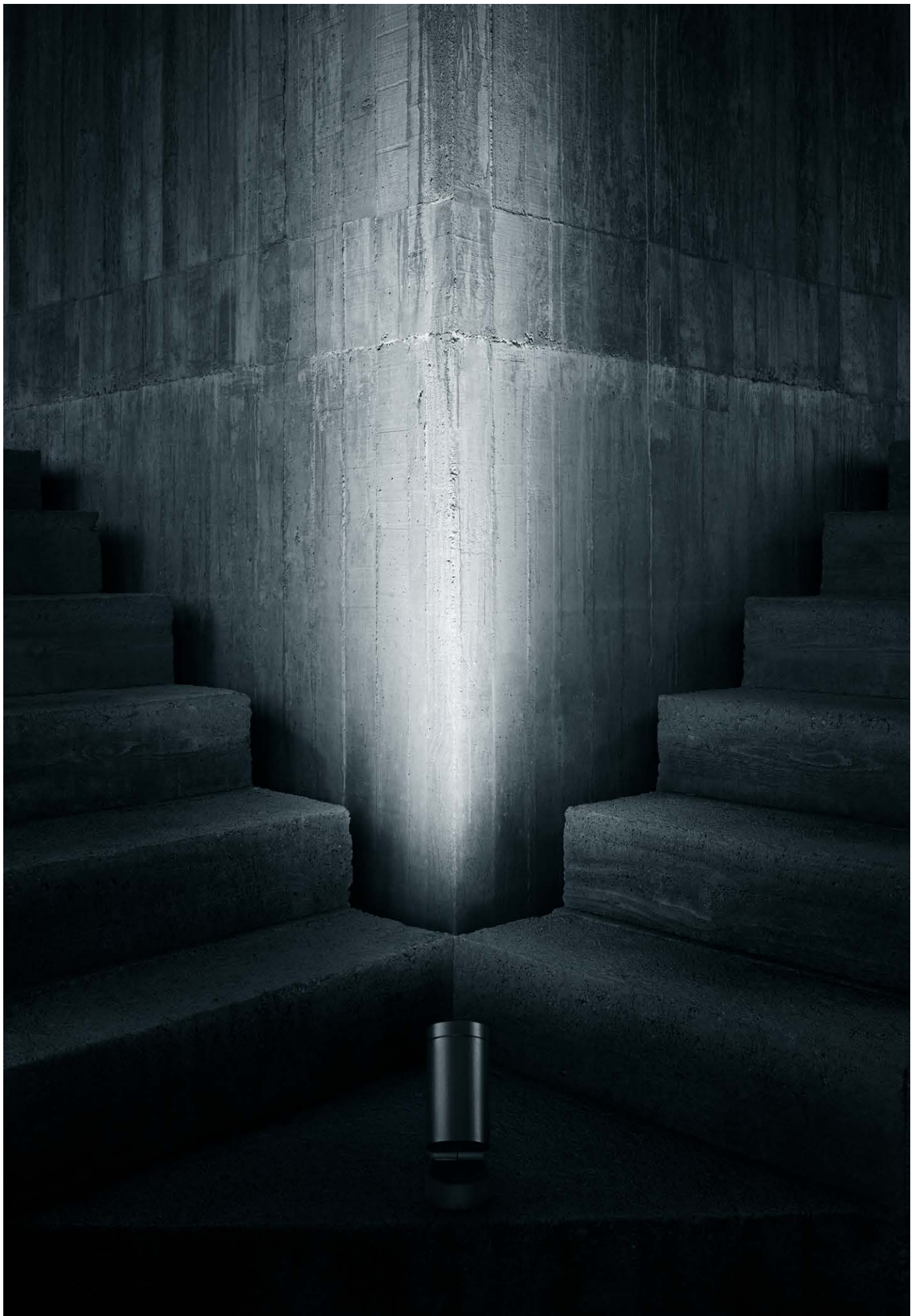
- F026M4HD001
- F026M4HD006
- F026M4HD012
- F026M4HD018
- F026M4HD030
- F026M4HD033

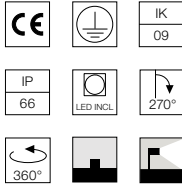
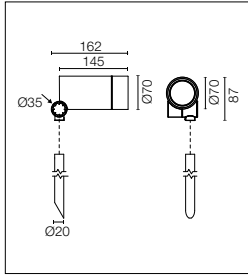


@ 3000K

## Spine F 2 Pro: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 2 Optic Medium Flood		F029Z020000		
- Converter Spine 2 Optic Flood		F029Z021000		
- Converter Spine 2 Optic Wide Flood		F029Z022000		
- Converter Spine 2 Optic Elliptic 1		F029Z023000		
- Converter Spine 2 Optic Elliptic 2		F029Z024000		
- Converter Spine 2 Optic Wall Washer		F029Z025000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025G2AA001
- F025G2AA006
- F025G2AA012
- F025G2AA018
- F025G2AA030
- F025G2AA033

**3000K**

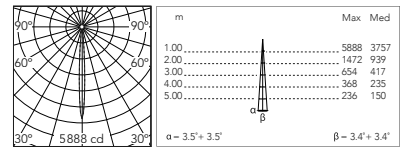
Non Dimmable

- F025G3AA001
- F025G3AA006
- F025G3AA012
- F025G3AA018
- F025G3AA030
- F025G3AA033

**4000K**

Non Dimmable

- F025G4AA001
- F025G4AA006
- F025G4AA012
- F025G4AA018
- F025G4AA030
- F025G4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025G2BA001
- F025G2BA006
- F025G2BA012
- F025G2BA018
- F025G2BA030
- F025G2BA033

**3000K**

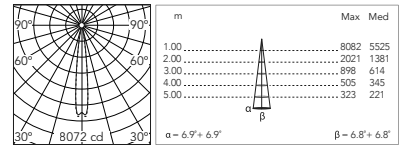
Non Dimmable

- F025G3BA001
- F025G3BA006
- F025G3BA012
- F025G3BA018
- F025G3BA030
- F025G3BA033

**4000K**

Non Dimmable

- F025G4BA001
- F025G4BA006
- F025G4BA012
- F025G4BA018
- F025G4BA030
- F025G4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025G2CA001
- F025G2CA006
- F025G2CA012
- F025G2CA018
- F025G2CA030
- F025G2CA033

**3000K**

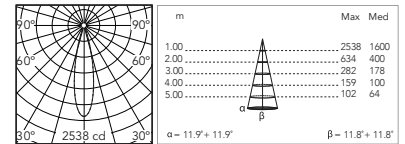
Non Dimmable

- F025G3CA001
- F025G3CA006
- F025G3CA012
- F025G3CA018
- F025G3CA030
- F025G3CA033

**4000K**

Non Dimmable

- F025G4CA001
- F025G4CA006
- F025G4CA012
- F025G4CA018
- F025G4CA030
- F025G4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025G2DA001
- F025G2DA006
- F025G2DA012
- F025G2DA018
- F025G2DA030
- F025G2DA033

**3000K**

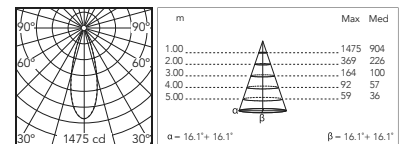
Non Dimmable

- F025G3DA001
- F025G3DA006
- F025G3DA012
- F025G3DA018
- F025G3DA030
- F025G3DA033

**4000K**

Non Dimmable

- F025G4DA001
- F025G4DA006
- F025G4DA012
- F025G4DA018
- F025G4DA030
- F025G4DA033



@ 3000K



# Spine F 1 Ultra

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025G2EA001
- F025G2EA006
- F025G2EA012
- F025G2EA018
- F025G2EA030
- F025G2EA033

### 3000K

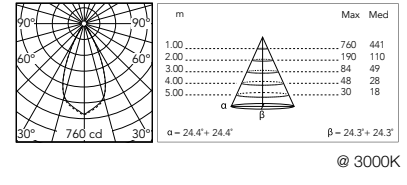
Non Dimmable

- F025G3EA001
- F025G3EA006
- F025G3EA012
- F025G3EA018
- F025G3EA030
- F025G3EA033

### 4000K

Non Dimmable

- F025G4EA001
- F025G4EA006
- F025G4EA012
- F025G4EA018
- F025G4EA030
- F025G4EA033



## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025G2FA001
- F025G2FA006
- F025G2FA012
- F025G2FA018
- F025G2FA030
- F025G2FA033

### 3000K

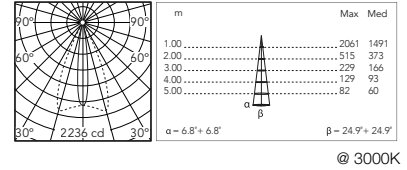
Non Dimmable

- F025G3FA001
- F025G3FA006
- F025G3FA012
- F025G3FA018
- F025G3FA030
- F025G3FA033

### 4000K

Non Dimmable

- F025G4FA001
- F025G4FA006
- F025G4FA012
- F025G4FA018
- F025G4FA030
- F025G4FA033



## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025G2GA001
- F025G2GA006
- F025G2GA012
- F025G2GA018
- F025G2GA030
- F025G2GA033

### 3000K

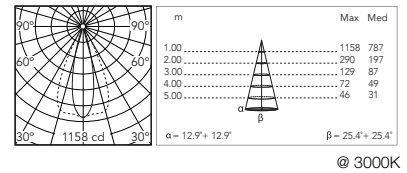
Non Dimmable

- F025G3GA001
- F025G3GA006
- F025G3GA012
- F025G3GA018
- F025G3GA030
- F025G3GA033

### 4000K

Non Dimmable

- F025G4GA001
- F025G4GA006
- F025G4GA012
- F025G4GA018
- F025G4GA030
- F025G4GA033



## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025G2HA001
- F025G2HA006
- F025G2HA012
- F025G2HA018
- F025G2HA030
- F025G2HA033

### 3000K

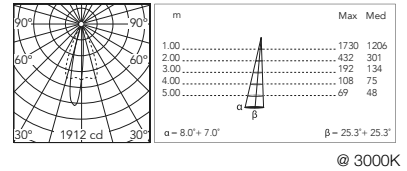
Non Dimmable

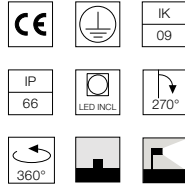
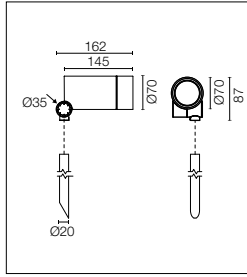
- F025G3HA001
- F025G3HA006
- F025G3HA012
- F025G3HA018
- F025G3HA030
- F025G3HA033

### 4000K

Non Dimmable

- F025G4HA001
- F025G4HA006
- F025G4HA012
- F025G4HA018
- F025G4HA030
- F025G4HA033





Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025H2BA001
- F025H2BA006
- F025H2BA012
- F025H2BA018
- F025H2BA030
- F025H2BA033

**3000K**

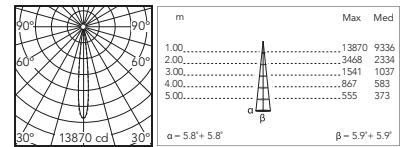
Non Dimmable

- F025H3BA001
- F025H3BA006
- F025H3BA012
- F025H3BA018
- F025H3BA030
- F025H3BA033

**4000K**

Non Dimmable

- F025H4BA001
- F025H4BA006
- F025H4BA012
- F025H4BA018
- F025H4BA030
- F025H4BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025H2CA001
- F025H2CA006
- F025H2CA012
- F025H2CA018
- F025H2CA030
- F025H2CA033

**3000K**

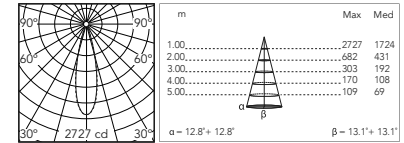
Non Dimmable

- F025H3CA001
- F025H3CA006
- F025H3CA012
- F025H3CA018
- F025H3CA030
- F025H3CA033

**4000K**

Non Dimmable

- F025H4CA001
- F025H4CA006
- F025H4CA012
- F025H4CA018
- F025H4CA030
- F025H4CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025H2DA001
- F025H2DA006
- F025H2DA012
- F025H2DA018
- F025H2DA030
- F025H2DA033

**3000K**

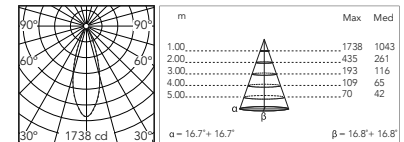
Non Dimmable

- F025H3DA001
- F025H3DA006
- F025H3DA012
- F025H3DA018
- F025H3DA030
- F025H3DA033

**4000K**

Non Dimmable

- F025H4DA001
- F025H4DA006
- F025H4DA012
- F025H4DA018
- F025H4DA030
- F025H4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025H2EA001
- F025H2EA006
- F025H2EA012
- F025H2EA018
- F025H2EA030
- F025H2EA033

**3000K**

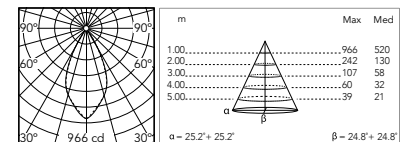
Non Dimmable

- F025H3EA001
- F025H3EA006
- F025H3EA012
- F025H3EA018
- F025H3EA030
- F025H3EA033

**4000K**

Non Dimmable

- F025H4EA001
- F025H4EA006
- F025H4EA012
- F025H4EA018
- F025H4EA030
- F025H4EA033



@ 3000K

# Spine F 1 Ultra Hp

## Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025H2FA001
- F025H2FA006
- F025H2FA012
- F025H2FA018
- F025H2FA030
- F025H2FA033

### 3000K

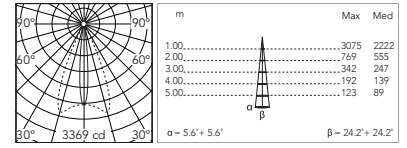
Non Dimmable

- F025H3FA001
- F025H3FA006
- F025H3FA012
- F025H3FA018
- F025H3FA030
- F025H3FA033

### 4000K

Non Dimmable

- F025H4FA001
- F025H4FA006
- F025H4FA012
- F025H4FA018
- F025H4FA030
- F025H4FA033



@ 3000K

## Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025H2GA001
- F025H2GA006
- F025H2GA012
- F025H2GA018
- F025H2GA030
- F025H2GA033

### 3000K

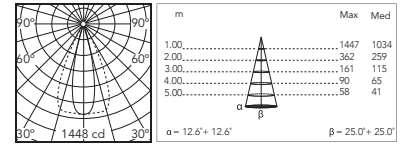
Non Dimmable

- F025H3GA001
- F025H3GA006
- F025H3GA012
- F025H3GA018
- F025H3GA030
- F025H3GA033

### 4000K

Non Dimmable

- F025H4GA001
- F025H4GA006
- F025H4GA012
- F025H4GA018
- F025H4GA030
- F025H4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025H2HA001
- F025H2HA006
- F025H2HA012
- F025H2HA018
- F025H2HA030
- F025H2HA033

### 3000K

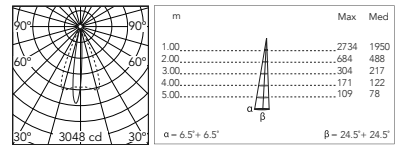
Non Dimmable

- F025H3HA001
- F025H3HA006
- F025H3HA012
- F025H3HA018
- F025H3HA030
- F025H3HA033

### 4000K


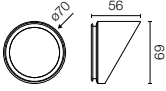

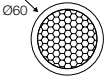

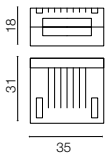



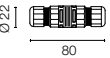

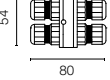

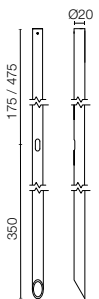
Non Dimmable

- F025H4HA001
- F025H4HA006
- F025H4HA012
- F025H4HA018
- F025H4HA030
- F025H4HA033

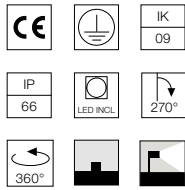
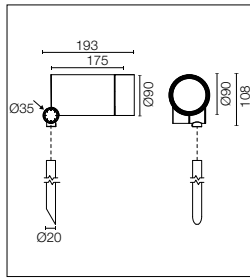


@ 3000K

## Spine F 1 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F025Z050001</li> <li>● F025Z050006</li> <li>● F025Z050012</li> <li>● F025Z050018</li> <li>● F025Z050030</li> <li>● F025Z050033</li> </ul>		
Honeycomb	Honeycomb Louvre	F025Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 0 / Spine 1 Optic Medium Flood		F029Z010000		
- Converter Spine 0 / Spine 1 Optic Flood		F029Z011000		
- Converter Spine 0 / Spine 1 Optic Wide Flood		F029Z012000		
- Converter Spine 0 / Spine 1 Optic Elliptic 1		F029Z013000		
- Converter Spine 0 / Spine 1 Optic Elliptic 2		F029Z014000		
- Converter Spine 0 / Spine 1 Optic Wall Washer		F029Z015000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
Stange, Höhe 200 - 500 mm über dem Boden, zur Bodenmontage.	Pole with an overground length of 200 - 500 mm for ground installation.	<p>200 mm</p> <ul style="list-style-type: none"> <li>○ F026Z020001</li> <li>● F026Z020006</li> <li>● F026Z020012</li> <li>● F026Z020018</li> <li>● F026Z020030</li> <li>● F026Z020033</li> </ul> <p>500 mm</p> <ul style="list-style-type: none"> <li>○ F026Z030001</li> <li>● F026Z030006</li> <li>● F026Z030012</li> <li>● F026Z030018</li> <li>● F026Z030030</li> <li>● F026Z030033</li> </ul>		





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbinding; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026G2AA001
- F026G2AA006
- F026G2AA012
- F026G2AA018
- F026G2AA030
- F026G2AA033
- 1-10V
- F026G2AB001
- F026G2AB006
- F026G2AB012
- F026G2AB018
- F026G2AB030
- F026G2AB033
- Dali
- F026G2AD001
- F026G2AD006
- F026G2AD012
- F026G2AD018
- F026G2AD030
- F026G2AD033

**3000K**

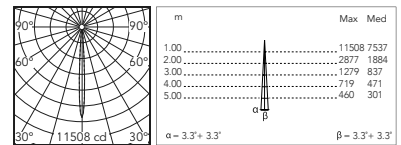
Non Dimmable

- F026G3AA001
- F026G3AA006
- F026G3AA012
- F026G3AA018
- F026G3AA030
- F026G3AA033
- 1-10V
- F026G3AB001
- F026G3AB006
- F026G3AB012
- F026G3AB018
- F026G3AB030
- F026G3AB033
- Dali
- F026G3AD001
- F026G3AD006
- F026G3AD012
- F026G3AD018
- F026G3AD030
- F026G3AD033

**4000K**

Non Dimmable

- F026G4AA001
- F026G4AA006
- F026G4AA012
- F026G4AA018
- F026G4AA030
- F026G4AA033
- 1-10V
- F026G4AB001
- F026G4AB006
- F026G4AB012
- F026G4AB018
- F026G4AB030
- F026G4AB033
- Dali
- F026G4AD001
- F026G4AD006
- F026G4AD012
- F026G4AD018
- F026G4AD030
- F026G4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026G2BA001
- F026G2BA006
- F026G2BA012
- F026G2BA018
- F026G2BA030
- F026G2BA033
- 1-10V
- F026G2BB001
- F026G2BB006
- F026G2BB012
- F026G2BB018
- F026G2BB030
- F026G2BB033
- Dali
- F026G2BD001
- F026G2BD006
- F026G2BD012
- F026G2BD018
- F026G2BD030
- F026G2BD033

**3000K**

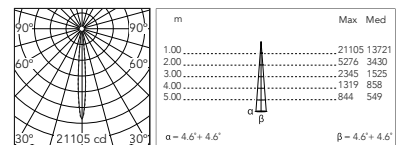
Non Dimmable

- F026G3BA001
- F026G3BA006
- F026G3BA012
- F026G3BA018
- F026G3BA030
- F026G3BA033
- 1-10V
- F026G3BB001
- F026G3BB006
- F026G3BB012
- F026G3BB018
- F026G3BB030
- F026G3BB033
- Dali
- F026G3BD001
- F026G3BD006
- F026G3BD012
- F026G3BD018
- F026G3BD030
- F026G3BD033

**4000K**

Non Dimmable

- F026G4BA001
- F026G4BA006
- F026G4BA012
- F026G4BA018
- F026G4BA030
- F026G4BA033
- 1-10V
- F026G4BB001
- F026G4BB006
- F026G4BB012
- F026G4BB018
- F026G4BB030
- F026G4BB033
- Dali
- F026G4BD001
- F026G4BD006
- F026G4BD012
- F026G4BD018
- F026G4BD030
- F026G4BD033



@ 3000K

# Spine F 2 Ultra

## Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026G2CA001
- F026G2CA006
- F026G2CA012
- F026G2CA018
- F026G2CA030
- F026G2CA033
- 1-10V
- F026G2CB001
- F026G2CB006
- F026G2CB012
- F026G2CB018
- F026G2CB030
- F026G2CB033
- Dali
- F026G2CD001
- F026G2CD006
- F026G2CD012
- F026G2CD018
- F026G2CD030
- F026G2CD033

### 3000K

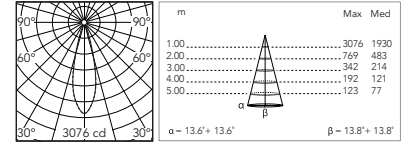
Non Dimmable

- F026G3CA001
- F026G3CA006
- F026G3CA012
- F026G3CA018
- F026G3CA030
- F026G3CA033
- 1-10V
- F026G3CB001
- F026G3CB006
- F026G3CB012
- F026G3CB018
- F026G3CB030
- F026G3CB033
- Dali
- F026G3CD001
- F026G3CD006
- F026G3CD012
- F026G3CD018
- F026G3CD030
- F026G3CD033

### 4000K

Non Dimmable

- F026G4CA001
- F026G4CA006
- F026G4CA012
- F026G4CA018
- F026G4CA030
- F026G4CA033
- 1-10V
- F026G4CB001
- F026G4CB006
- F026G4CB012
- F026G4CB018
- F026G4CB030
- F026G4CB033
- Dali
- F026G4CD001
- F026G4CD006
- F026G4CD012
- F026G4CD018
- F026G4CD030
- F026G4CD033



@ 3000K

## Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026G2DA001
- F026G2DA006
- F026G2DA012
- F026G2DA018
- F026G2DA030
- F026G2DA033
- 1-10V
- F026G2DB001
- F026G2DB006
- F026G2DB012
- F026G2DB018
- F026G2DB030
- F026G2DB033
- Dali
- F026G2DD001
- F026G2DD006
- F026G2DD012
- F026G2DD018
- F026G2DD030
- F026G2DD033

### 3000K

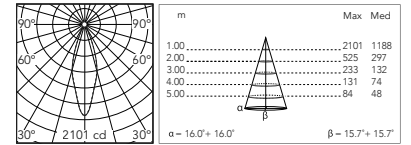
Non Dimmable

- F026G3DA001
- F026G3DA006
- F026G3DA012
- F026G3DA018
- F026G3DA030
- F026G3DA033
- 1-10V
- F026G3DB001
- F026G3DB006
- F026G3DB012
- F026G3DB018
- F026G3DB030
- F026G3DB033
- Dali
- F026G3DD001
- F026G3DD006
- F026G3DD012
- F026G3DD018
- F026G3DD030
- F026G3DD033

### 4000K

Non Dimmable

- F026G4DA001
- F026G4DA006
- F026G4DA012
- F026G4DA018
- F026G4DA030
- F026G4DA033
- 1-10V
- F026G4DB001
- F026G4DB006
- F026G4DB012
- F026G4DB018
- F026G4DB030
- F026G4DB033
- Dali
- F026G4DD001
- F026G4DD006
- F026G4DD012
- F026G4DD018
- F026G4DD030
- F026G4DD033



@ 3000K

## Optic Wide Flood 51°

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026G2EA001
- F026G2EA006
- F026G2EA012
- F026G2EA018
- F026G2EA030
- F026G2EA033
- 1-10V
- F026G2EB001
- F026G2EB006
- F026G2EB012
- F026G2EB018
- F026G2EB030
- F026G2EB033
- Dali
- F026G2ED001
- F026G2ED006
- F026G2ED012
- F026G2ED018
- F026G2ED030
- F026G2ED033

### 3000K

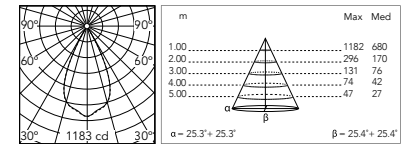
Non Dimmable

- F026G3EA001
- F026G3EA006
- F026G3EA012
- F026G3EA018
- F026G3EA030
- F026G3EA033
- 1-10V
- F026G3EB001
- F026G3EB006
- F026G3EB012
- F026G3EB018
- F026G3EB030
- F026G3EB033
- Dali
- F026G3ED001
- F026G3ED006
- F026G3ED012
- F026G3ED018
- F026G3ED030
- F026G3ED033

### 4000K

Non Dimmable

- F026G4EA001
- F026G4EA006
- F026G4EA012
- F026G4EA018
- F026G4EA030
- F026G4EA033
- 1-10V
- F026G4EB001
- F026G4EB006
- F026G4EB012
- F026G4EB018
- F026G4EB030
- F026G4EB033
- Dali
- F026G4ED001
- F026G4ED006
- F026G4ED012
- F026G4ED018
- F026G4ED030
- F026G4ED033



@ 3000K

## Spine F 2 Ultra

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026G2FA001
- F026G2FA006
- F026G2FA012
- F026G2FA018
- F026G2FA030
- F026G2FA033
- 1-10V
- F026G2FB001
- F026G2FB006
- F026G2FB012
- F026G2FB018
- F026G2FB030
- F026G2FB033
- Dali
- F026G2FD001
- F026G2FD006
- F026G2FD012
- F026G2FD018
- F026G2FD030
- F026G2FD033

#### 3000K

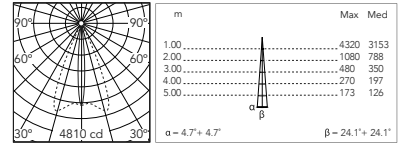
Non Dimmable

- F026G3FA001
- F026G3FA006
- F026G3FA012
- F026G3FA018
- F026G3FA030
- F026G3FA033
- 1-10V
- F026G3FB001
- F026G3FB006
- F026G3FB012
- F026G3FB018
- F026G3FB030
- F026G3FB033
- Dali
- F026G3FD001
- F026G3FD006
- F026G3FD012
- F026G3FD018
- F026G3FD030
- F026G3FD033

#### 4000K

Non Dimmable

- F026G4FA001
- F026G4FA006
- F026G4FA012
- F026G4FA018
- F026G4FA030
- F026G4FA033
- 1-10V
- F026G4FB001
- F026G4FB006
- F026G4FB012
- F026G4FB018
- F026G4FB030
- F026G4FB033
- Dali
- F026G4FD001
- F026G4FD006
- F026G4FD012
- F026G4FD018
- F026G4FD030
- F026G4FD033



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026G2GA001
- F026G2GA006
- F026G2GA012
- F026G2GA018
- F026G2GA030
- F026G2GA033
- 1-10V
- F026G2GB001
- F026G2GB006
- F026G2GB012
- F026G2GB018
- F026G2GB030
- F026G2GB033
- Dali
- F026G2GD001
- F026G2GD006
- F026G2GD012
- F026G2GD018
- F026G2GD030
- F026G2GD033

#### 3000K

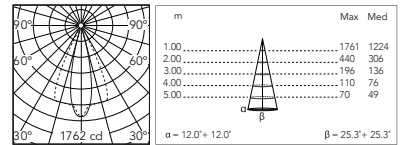
Non Dimmable

- F026G3GA001
- F026G3GA006
- F026G3GA012
- F026G3GA018
- F026G3GA030
- F026G3GA033
- 1-10V
- F026G3GB001
- F026G3GB006
- F026G3GB012
- F026G3GB018
- F026G3GB030
- F026G3GB033
- Dali
- F026G3GD001
- F026G3GD006
- F026G3GD012
- F026G3GD018
- F026G3GD030
- F026G3GD033

#### 4000K

Non Dimmable

- F026G4GA001
- F026G4GA006
- F026G4GA012
- F026G4GA018
- F026G4GA030
- F026G4GA033
- 1-10V
- F026G4GB001
- F026G4GB006
- F026G4GB012
- F026G4GB018
- F026G4GB030
- F026G4GB033
- Dali
- F026G4GD001
- F026G4GD006
- F026G4GD012
- F026G4GD018
- F026G4GD030
- F026G4GD033



@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026G2HA001
- F026G2HA006
- F026G2HA012
- F026G2HA018
- F026G2HA030
- F026G2HA033
- 1-10V
- F026G2HB001
- F026G2HB006
- F026G2HB012
- F026G2HB018
- F026G2HB030
- F026G2HB033
- Dali
- F026G2HD001
- F026G2HD006
- F026G2HD012
- F026G2HD018
- F026G2HD030
- F026G2HD033

#### 3000K

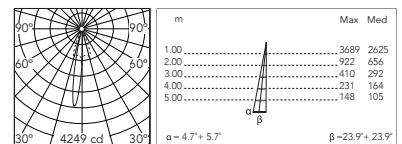
Non Dimmable

- F026G3HA001
- F026G3HA006
- F026G3HA012
- F026G3HA018
- F026G3HA030
- F026G3HA033
- 1-10V
- F026G3HB001
- F026G3HB006
- F026G3HB012
- F026G3HB018
- F026G3HB030
- F026G3HB033
- Dali
- F026G3HD001
- F026G3HD006
- F026G3HD012
- F026G3HD018
- F026G3HD030
- F026G3HD033

#### 4000K

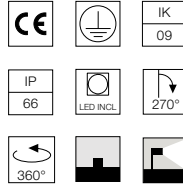
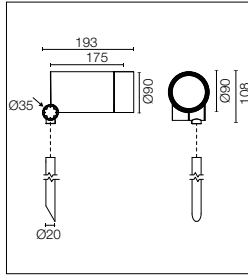
Non Dimmable

- F026G4HA001
- F026G4HA006
- F026G4HA012
- F026G4HA018
- F026G4HA030
- F026G4HA033
- 1-10V
- F026G4HB001
- F026G4HB006
- F026G4HB012
- F026G4HB018
- F026G4HB030
- F026G4HB033
- Dali
- F026G4HD001
- F026G4HD006
- F026G4HD012
- F026G4HD018
- F026G4HD030
- F026G4HD033



@ 3000K





Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026H2BA001
- F026H2BA006
- F026H2BA012
- F026H2BA018
- F026H2BA030
- F026H2BA033
- 1-10V
- F026H2BB001
- F026H2BB006
- F026H2BB012
- F026H2BB018
- F026H2BB030
- F026H2BB033
- Dali
- F026H2BD001
- F026H2BD006
- F026H2BD012
- F026H2BD018
- F026H2BD030
- F026H2BD033

**3000K**

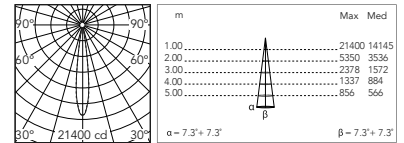
Non Dimmable

- F026H3BA001
- F026H3BA006
- F026H3BA012
- F026H3BA018
- F026H3BA030
- F026H3BA033
- 1-10V
- F026H3BB001
- F026H3BB006
- F026H3BB012
- F026H3BB018
- F026H3BB030
- F026H3BB033
- Dali
- F026H3BD001
- F026H3BD006
- F026H3BD012
- F026H3BD018
- F026H3BD030
- F026H3BD033

**4000K**

Non Dimmable

- F026H4BA001
- F026H4BA006
- F026H4BA012
- F026H4BA018
- F026H4BA030
- F026H4BA033
- 1-10V
- F026H4BB001
- F026H4BB006
- F026H4BB012
- F026H4BB018
- F026H4BB030
- F026H4BB033
- Dali
- F026H4BD001
- F026H4BD006
- F026H4BD012
- F026H4BD018
- F026H4BD030
- F026H4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026H2CA001
- F026H2CA006
- F026H2CA012
- F026H2CA018
- F026H2CA030
- F026H2CA033
- 1-10V
- F026H2CB001
- F026H2CB006
- F026H2CB012
- F026H2CB018
- F026H2CB030
- F026H2CB033
- Dali
- F026H2CD001
- F026H2CD006
- F026H2CD012
- F026H2CD018
- F026H2CD030
- F026H2CD033

**3000K**

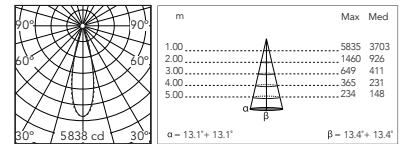
Non Dimmable

- F026H3CA001
- F026H3CA006
- F026H3CA012
- F026H3CA018
- F026H3CA030
- F026H3CA033
- 1-10V
- F026H3CB001
- F026H3CB006
- F026H3CB012
- F026H3CB018
- F026H3CB030
- F026H3CB033
- Dali
- F026H3CD001
- F026H3CD006
- F026H3CD012
- F026H3CD018
- F026H3CD030
- F026H3CD033

**4000K**

Non Dimmable

- F026H4CA001
- F026H4CA006
- F026H4CA012
- F026H4CA018
- F026H4CA030
- F026H4CA033
- 1-10V
- F026H4CB001
- F026H4CB006
- F026H4CB012
- F026H4CB018
- F026H4CB030
- F026H4CB033
- Dali
- F026H4CD001
- F026H4CD006
- F026H4CD012
- F026H4CD018
- F026H4CD030
- F026H4CD033



@ 3000K

# Spine F 2 Ultra Hp

## Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026H2DA001
- F026H2DA006
- F026H2DA012
- F026H2DA018
- F026H2DA030
- F026H2DA033
- 1-10V
- F026H2DB001
- F026H2DB006
- F026H2DB012
- F026H2DB018
- F026H2DB030
- F026H2DB033
- Dali
- F026H2DD001
- F026H2DD006
- F026H2DD012
- F026H2DD018
- F026H2DD030
- F026H2DD033

### 3000K

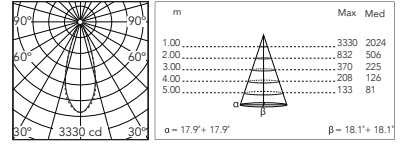
Non Dimmable

- F026H3DA001
- F026H3DA006
- F026H3DA012
- F026H3DA018
- F026H3DA030
- F026H3DA033
- 1-10V
- F026H3DB001
- F026H3DB006
- F026H3DB012
- F026H3DB018
- F026H3DB030
- F026H3DB033
- Dali
- F026H3DD001
- F026H3DD006
- F026H3DD012
- F026H3DD018
- F026H3DD030
- F026H3DD033

### 4000K

Non Dimmable

- F026H4DA001
- F026H4DA006
- F026H4DA012
- F026H4DA018
- F026H4DA030
- F026H4DA033
- 1-10V
- F026H4DB001
- F026H4DB006
- F026H4DB012
- F026H4DB018
- F026H4DB030
- F026H4DB033
- Dali
- F026H4DD001
- F026H4DD006
- F026H4DD012
- F026H4DD018
- F026H4DD030
- F026H4DD033



@ 3000K

## Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026H2EA001
- F026H2EA006
- F026H2EA012
- F026H2EA018
- F026H2EA030
- F026H2EA033
- 1-10V
- F026H2EB001
- F026H2EB006
- F026H2EB012
- F026H2EB018
- F026H2EB030
- F026H2EB033
- Dali
- F026H2ED001
- F026H2ED006
- F026H2ED012
- F026H2ED018
- F026H2ED030
- F026H2ED033

### 3000K

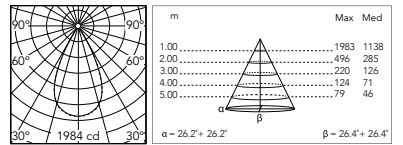
Non Dimmable

- F026H3EA001
- F026H3EA006
- F026H3EA012
- F026H3EA018
- F026H3EA030
- F026H3EA033
- 1-10V
- F026H3EB001
- F026H3EB006
- F026H3EB012
- F026H3EB018
- F026H3EB030
- F026H3EB033
- Dali
- F026H3ED001
- F026H3ED006
- F026H3ED012
- F026H3ED018
- F026H3ED030
- F026H3ED033

### 4000K

Non Dimmable

- F026H4EA001
- F026H4EA006
- F026H4EA012
- F026H4EA018
- F026H4EA030
- F026H4EA033
- 1-10V
- F026H4EB001
- F026H4EB006
- F026H4EB012
- F026H4EB018
- F026H4EB030
- F026H4EB033
- Dali
- F026H4ED001
- F026H4ED006
- F026H4ED012
- F026H4ED018
- F026H4ED030
- F026H4ED033



@ 3000K

## Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026H2FA001
- F026H2FA006
- F026H2FA012
- F026H2FA018
- F026H2FA030
- F026H2FA033
- 1-10V
- F026H2FB001
- F026H2FB006
- F026H2FB012
- F026H2FB018
- F026H2FB030
- F026H2FB033
- Dali
- F026H2FD001
- F026H2FD006
- F026H2FD012
- F026H2FD018
- F026H2FD030
- F026H2FD033

### 3000K

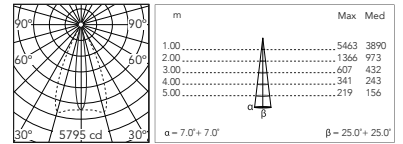
Non Dimmable

- F026H3FA001
- F026H3FA006
- F026H3FA012
- F026H3FA018
- F026H3FA030
- F026H3FA033
- 1-10V
- F026H3FB001
- F026H3FB006
- F026H3FB012
- F026H3FB018
- F026H3FB030
- F026H3FB033
- Dali
- F026H3FD001
- F026H3FD006
- F026H3FD012
- F026H3FD018
- F026H3FD030
- F026H3FD033

### 4000K

Non Dimmable

- F026H4FA001
- F026H4FA006
- F026H4FA012
- F026H4FA018
- F026H4FA030
- F026H4FA033
- 1-10V
- F026H4FB001
- F026H4FB006
- F026H4FB012
- F026H4FB018
- F026H4FB030
- F026H4FB033
- Dali
- F026H4FD001
- F026H4FD006
- F026H4FD012
- F026H4FD018
- F026H4FD030
- F026H4FD033



@ 3000K

# Spine F 2 Ultra Hp

## Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026H2GA001
- F026H2GA006
- F026H2GA012
- F026H2GA018
- F026H2GA030
- F026H2GA033
- 1-10V
- F026H2GB001
- F026H2GB006
- F026H2GB012
- F026H2GB018
- F026H2GB030
- F026H2GB033
- Dali
- F026H2GD001
- F026H2GD006
- F026H2GD012
- F026H2GD018
- F026H2GD030
- F026H2GD033

### 3000K

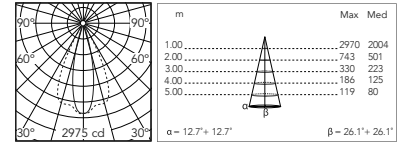
Non Dimmable

- F026H3GA001
- F026H3GA006
- F026H3GA012
- F026H3GA018
- F026H3GA030
- F026H3GA033
- 1-10V
- F026H3GB001
- F026H3GB006
- F026H3GB012
- F026H3GB018
- F026H3GB030
- F026H3GB033
- Dali
- F026H3GD001
- F026H3GD006
- F026H3GD012
- F026H3GD018
- F026H3GD030
- F026H3GD033

### 4000K

Non Dimmable

- F026H4GA001
- F026H4GA006
- F026H4GA012
- F026H4GA018
- F026H4GA030
- F026H4GA033
- 1-10V
- F026H4GB001
- F026H4GB006
- F026H4GB012
- F026H4GB018
- F026H4GB030
- F026H4GB033
- Dali
- F026H4GD001
- F026H4GD006
- F026H4GD012
- F026H4GD018
- F026H4GD030
- F026H4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026H2HA001
- F026H2HA006
- F026H2HA012
- F026H2HA018
- F026H2HA030
- F026H2HA033
- 1-10V
- F026H2HB001
- F026H2HB006
- F026H2HB012
- F026H2HB018
- F026H2HB030
- F026H2HB033
- Dali
- F026H2HD001
- F026H2HD006
- F026H2HD012
- F026H2HD018
- F026H2HD030
- F026H2HD033

### 3000K

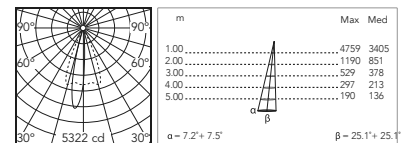
Non Dimmable

- F026H3HA001
- F026H3HA006
- F026H3HA012
- F026H3HA018
- F026H3HA030
- F026H3HA033
- 1-10V
- F026H3HB001
- F026H3HB006
- F026H3HB012
- F026H3HB018
- F026H3HB030
- F026H3HB033
- Dali
- F026H3HD001
- F026H3HD006
- F026H3HD012
- F026H3HD018
- F026H3HD030
- F026H3HD033

### 4000K


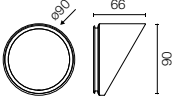

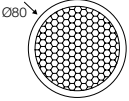

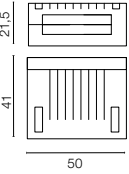

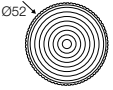

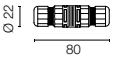

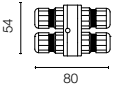

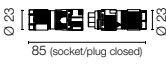

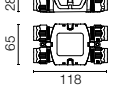

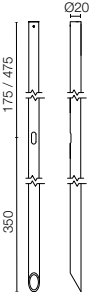
Non Dimmable

- F026H4HA001
- F026H4HA006
- F026H4HA012
- F026H4HA018
- F026H4HA030
- F026H4HA033
- 1-10V
- F026H4HB001
- F026H4HB006
- F026H4HB012
- F026H4HB018
- F026H4HB030
- F026H4HB033
- Dali
- F026H4HD001
- F026H4HD006
- F026H4HD012
- F026H4HD018
- F026H4HD030
- F026H4HD033



@ 3000K

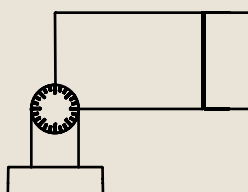
## Spine F 2 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F026Z050001</li> <li>● F026Z050006</li> <li>● F026Z050012</li> <li>● F026Z050018</li> <li>● F026Z050030</li> <li>● F026Z050033</li> </ul>		
Honeycomb	Honeycomb Louvre	F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 2 Optic Medium Flood		F029Z020000		
- Converter Spine 2 Optic Flood		F029Z021000		
- Converter Spine 2 Optic Wide Flood		F029Z022000		
- Converter Spine 2 Optic Elliptic 1		F029Z023000		
- Converter Spine 2 Optic Elliptic 2		F029Z024000		
- Converter Spine 2 Optic Wall Washer		F029Z025000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		
Stange, Höhe 200 - 500 mm über dem Boden, zur Bodenmontage.	Pole with an overground length of 200 - 500 mm for ground installation.	200 mm <ul style="list-style-type: none"> <li>○ F026Z020001</li> <li>● F026Z020006</li> <li>● F026Z020012</li> <li>● F026Z020018</li> <li>● F026Z020030</li> <li>● F026Z020033</li> </ul> 500 mm <ul style="list-style-type: none"> <li>○ F026Z030001</li> <li>● F026Z030006</li> <li>● F026Z030012</li> <li>● F026Z030018</li> <li>● F026Z030030</li> <li>● F026Z030033</li> </ul>		





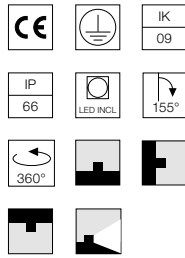
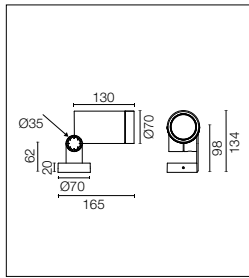
## Spine L



Die L-Bügel-Option ermöglicht bei minimaler Größe einen einfacheren Anschluss dank der Möglichkeit einer seitlichen Kabeleinführung, um allen Installationsanforderungen gerecht zu werden.

The L bracket option allows for an easier connection thanks to the possibility of a side cable entry as well as minimal size to meet any exigencies.

# Spine L 1 Absolute



Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

## Optic Spot 15°

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025Q2BA001
- F025Q2BA006
- F025Q2BA012
- F025Q2BA018
- F025Q2BA030
- F025Q2BA033

### 3000K

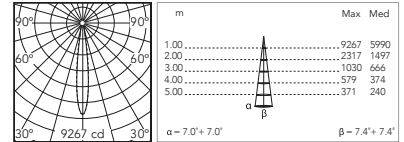
Non Dimmable

- F025Q3BA001
- F025Q3BA006
- F025Q3BA012
- F025Q3BA018
- F025Q3BA030
- F025Q3BA033

### 4000K

Non Dimmable

- F025Q4BA001
- F025Q4BA006
- F025Q4BA012
- F025Q4BA018
- F025Q4BA030
- F025Q4BA033



@ 3000K

## Optic Medium Flood 33°

**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025Q2CA001
- F025Q2CA006
- F025Q2CA012
- F025Q2CA018
- F025Q2CA030
- F025Q2CA033

### 3000K

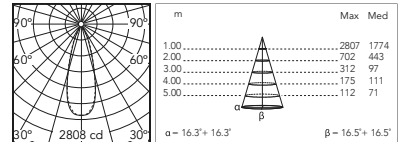
Non Dimmable

- F025Q3CA001
- F025Q3CA006
- F025Q3CA012
- F025Q3CA018
- F025Q3CA030
- F025Q3CA033

### 4000K

Non Dimmable

- F025Q4CA001
- F025Q4CA006
- F025Q4CA012
- F025Q4CA018
- F025Q4CA030
- F025Q4CA033



@ 3000K

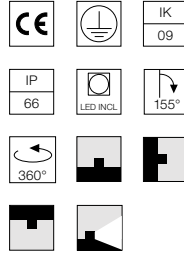
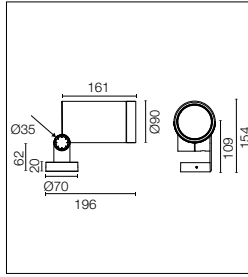
## Spine L 1 / L 2 Absolute: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	Spine L 1 F025Z060000		
Honeycomb	Honeycomb Louvre	Spine L 2 F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine L 1 F990C100000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine L 2 F990C110000		

## Spine L 1 / L 2 Absolute:: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (Ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (Ø5,5÷12mm cable).	F990C010000		





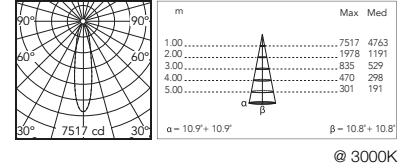
Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar, 1-10V oder durch DALI. Basis-halterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Spot 22°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

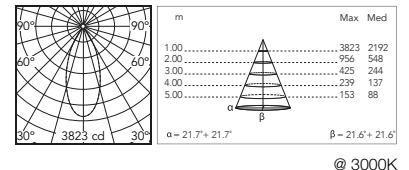
- |  |  |  |
|--|--|--|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q2BA001.A</li> <li>● F026Q2BA006.A</li> <li>● F026Q2BA012.A</li> <li>● F026Q2BA018.A</li> <li>● F026Q2BA030.A</li> <li>● F026Q2BA033.A</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q2BB001.A</li> <li>● F026Q2BB006.A</li> <li>● F026Q2BB012.A</li> <li>● F026Q2BB018.A</li> <li>● F026Q2BB030.A</li> <li>● F026Q2BB033.A</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q2BD001.A</li> <li>● F026Q2BD006.A</li> <li>● F026Q2BD012.A</li> <li>● F026Q2BD018.A</li> <li>● F026Q2BD030.A</li> <li>● F026Q2BD033.A</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q3BA001</li> <li>● F026Q3BA006</li> <li>● F026Q3BA012</li> <li>● F026Q3BA018</li> <li>● F026Q3BA030</li> <li>● F026Q3BA033</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q3BB001</li> <li>● F026Q3BB006</li> <li>● F026Q3BB012</li> <li>● F026Q3BB018</li> <li>● F026Q3BB030</li> <li>● F026Q3BB033</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q3BD001</li> <li>● F026Q3BD006</li> <li>● F026Q3BD012</li> <li>● F026Q3BD018</li> <li>● F026Q3BD030</li> <li>● F026Q3BD033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q4BA001.A</li> <li>● F026Q4BA006.A</li> <li>● F026Q4BA012.A</li> <li>● F026Q4BA018.A</li> <li>● F026Q4BA030.A</li> <li>● F026Q4BA033.A</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q4BB001.A</li> <li>● F026Q4BB006.A</li> <li>● F026Q4BB012.A</li> <li>● F026Q4BB018.A</li> <li>● F026Q4BB030.A</li> <li>● F026Q4BB033.A</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q4BD001.A</li> <li>● F026Q4BD006.A</li> <li>● F026Q4BD012.A</li> <li>● F026Q4BD018.A</li> <li>● F026Q4BD030.A</li> <li>● F026Q4BD033.A</li> </ul> |
|--|--|--|



**Optic Medium Flood 43°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

- |  |  |  |
|--|--|--|
| <p><b>2700K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q2CA001.A</li> <li>● F026Q2CA006.A</li> <li>● F026Q2CA012.A</li> <li>● F026Q2CA018.A</li> <li>● F026Q2CA030.A</li> <li>● F026Q2CA033.A</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q2CB001.A</li> <li>● F026Q2CB006.A</li> <li>● F026Q2CB012.A</li> <li>● F026Q2CB018.A</li> <li>● F026Q2CB030.A</li> <li>● F026Q2CB033.A</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q2CD001.A</li> <li>● F026Q2CD006.A</li> <li>● F026Q2CD012.A</li> <li>● F026Q2CD018.A</li> <li>● F026Q2CD030.A</li> <li>● F026Q2CD033.A</li> </ul> | <p><b>3000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q3CA001</li> <li>● F026Q3CA006</li> <li>● F026Q3CA012</li> <li>● F026Q3CA018</li> <li>● F026Q3CA030</li> <li>● F026Q3CA033</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q3CB001</li> <li>● F026Q3CB006</li> <li>● F026Q3CB012</li> <li>● F026Q3CB018</li> <li>● F026Q3CB030</li> <li>● F026Q3CB033</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q3CD001</li> <li>● F026Q3CD006</li> <li>● F026Q3CD012</li> <li>● F026Q3CD018</li> <li>● F026Q3CD030</li> <li>● F026Q3CD033</li> </ul> | <p><b>4000K</b><br/>Non Dimmable</p> <ul style="list-style-type: none"> <li>○ F026Q4CA001.A</li> <li>● F026Q4CA006.A</li> <li>● F026Q4CA012.A</li> <li>● F026Q4CA018.A</li> <li>● F026Q4CA030.A</li> <li>● F026Q4CA033.A</li> </ul> <p>1-10V</p> <ul style="list-style-type: none"> <li>○ F026Q4CB001.A</li> <li>● F026Q4CB006.A</li> <li>● F026Q4CB012.A</li> <li>● F026Q4CB018.A</li> <li>● F026Q4CB030.A</li> <li>● F026Q4CB033.A</li> </ul> <p>Dali</p> <ul style="list-style-type: none"> <li>○ F026Q4CD001.A</li> <li>● F026Q4CD006.A</li> <li>● F026Q4CD012.A</li> <li>● F026Q4CD018.A</li> <li>● F026Q4CD030.A</li> <li>● F026Q4CD033.A</li> </ul> |
|--|--|--|



**Spine L 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions**

5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.

Connector kit 5-pole flying socket + EU plug IP68.

F990C080000

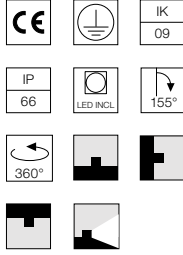
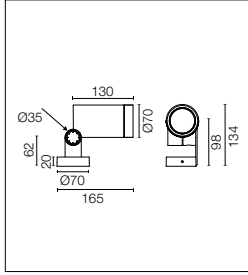


4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).

4 way junction box 5 poles IP68 (6-14 mm cables).

F990C030000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basis-halterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025V2AA001
- F025V2AA006
- F025V2AA012
- F025V2AA018
- F025V2AA030
- F025V2AA033

**3000K**

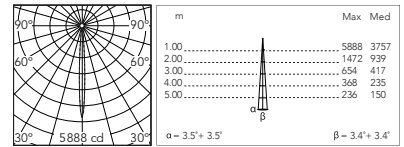
Non Dimmable

- F025V3AA001
- F025V3AA006
- F025V3AA012
- F025V3AA018
- F025V3AA030
- F025V3AA033

**4000K**

Non Dimmable

- F025V4AA001
- F025V4AA006
- F025V4AA012
- F025V4AA018
- F025V4AA030
- F025V4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025V2BA001
- F025V2BA006
- F025V2BA012
- F025V2BA018
- F025V2BA030
- F025V2BA033

**3000K**

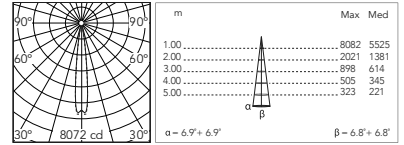
Non Dimmable

- F025V3BA001
- F025V3BA006
- F025V3BA012
- F025V3BA018
- F025V3BA030
- F025V3BA033

**4000K**

Non Dimmable

- F025V4BA001
- F025V4BA006
- F025V4BA012
- F025V4BA018
- F025V4BA030
- F025V4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025V2CA001
- F025V2CA006
- F025V2CA012
- F025V2CA018
- F025V2CA030
- F025V2CA033

**3000K**

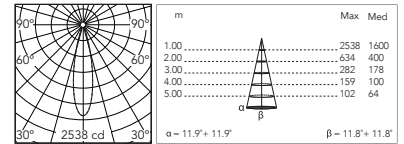
Non Dimmable

- F025V3CA001
- F025V3CA006
- F025V3CA012
- F025V3CA018
- F025V3CA030
- F025V3CA033

**4000K**

Non Dimmable

- F025V4CA001
- F025V4CA006
- F025V4CA012
- F025V4CA018
- F025V4CA030
- F025V4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025V2DA001
- F025V2DA006
- F025V2DA012
- F025V2DA018
- F025V2DA030
- F025V2DA033

**3000K**

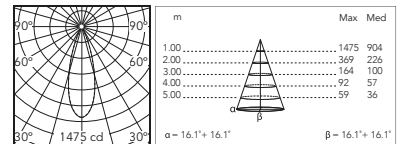
Non Dimmable

- F025V3DA001
- F025V3DA006
- F025V3DA012
- F025V3DA018
- F025V3DA030
- F025V3DA033

**4000K**

Non Dimmable

- F025V4DA001
- F025V4DA006
- F025V4DA012
- F025V4DA018
- F025V4DA030
- F025V4DA033



@ 3000K

# Spine L 1 Pro

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025V2EA001
- F025V2EA006
- F025V2EA012
- F025V2EA018
- F025V2EA030
- F025V2EA033

### 3000K

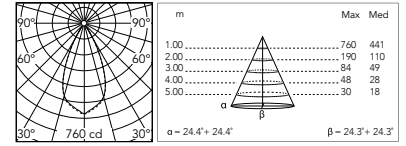
Non Dimmable

- F025V3EA001
- F025V3EA006
- F025V3EA012
- F025V3EA018
- F025V3EA030
- F025V3EA033

### 4000K

Non Dimmable

- F025V4EA001
- F025V4EA006
- F025V4EA012
- F025V4EA018
- F025V4EA030
- F025V4EA033



@ 3000K

## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025V2FA001
- F025V2FA006
- F025V2FA012
- F025V2FA018
- F025V2FA030
- F025V2FA033

### 3000K

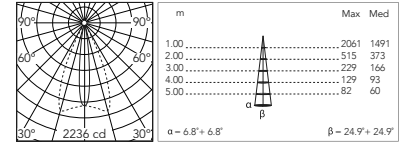
Non Dimmable

- F025V3FA001
- F025V3FA006
- F025V3FA012
- F025V3FA018
- F025V3FA030
- F025V3FA033

### 4000K

Non Dimmable

- F025V4FA001
- F025V4FA006
- F025V4FA012
- F025V4FA018
- F025V4FA030
- F025V4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025V2GA001
- F025V2GA006
- F025V2GA012
- F025V2GA018
- F025V2GA030
- F025V2GA033

### 3000K

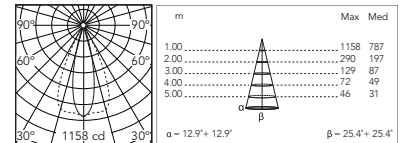
Non Dimmable

- F025V3GA001
- F025V3GA006
- F025V3GA012
- F025V3GA018
- F025V3GA030
- F025V3GA033

### 4000K

Non Dimmable

- F025V4GA001
- F025V4GA006
- F025V4GA012
- F025V4GA018
- F025V4GA030
- F025V4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025V2HA001
- F025V2HA006
- F025V2HA012
- F025V2HA018
- F025V2HA030
- F025V2HA033

### 3000K

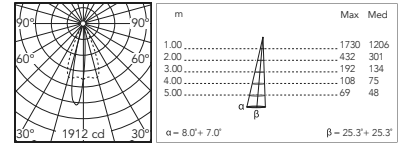
Non Dimmable

- F025V3HA001
- F025V3HA006
- F025V3HA012
- F025V3HA018
- F025V3HA030
- F025V3HA033

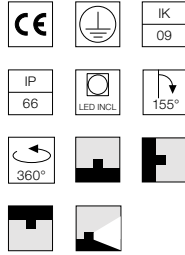
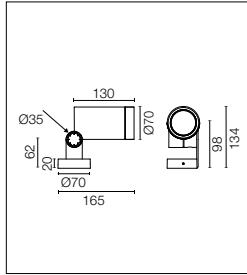
### 4000K

Non Dimmable

- F025V4HA001
- F025V4HA006
- F025V4HA012
- F025V4HA018
- F025V4HA030
- F025V4HA033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025W2BA001
- F025W2BA006
- F025W2BA012
- F025W2BA018
- F025W2BA030
- F025W2BA033

**3000K**

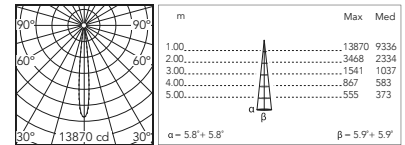
Non Dimmable

- F025W3BA001
- F025W3BA006
- F025W3BA012
- F025W3BA018
- F025W3BA030
- F025W3BA033

**4000K**

Non Dimmable

- F025W4BA001
- F025W4BA006
- F025W4BA012
- F025W4BA018
- F025W4BA030
- F025W4BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025W2CA001
- F025W2CA006
- F025W2CA012
- F025W2CA018
- F025W2CA030
- F025W2CA033

**3000K**

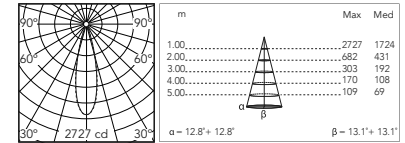
Non Dimmable

- F025W3CA001
- F025W3CA006
- F025W3CA012
- F025W3CA018
- F025W3CA030
- F025W3CA033

**4000K**

Non Dimmable

- F025W4CA001
- F025W4CA006
- F025W4CA012
- F025W4CA018
- F025W4CA030
- F025W4CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025W2DA001
- F025W2DA006
- F025W2DA012
- F025W2DA018
- F025W2DA030
- F025W2DA033

**3000K**

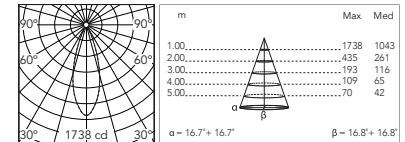
Non Dimmable

- F025W3DA001
- F025W3DA006
- F025W3DA012
- F025W3DA018
- F025W3DA030
- F025W3DA033

**4000K**

Non Dimmable

- F025W4DA001
- F025W4DA006
- F025W4DA012
- F025W4DA018
- F025W4DA030
- F025W4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025W2EA001
- F025W2EA006
- F025W2EA012
- F025W2EA018
- F025W2EA030
- F025W2EA033

**3000K**

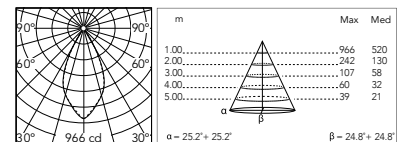
Non Dimmable

- F025W3EA001
- F025W3EA006
- F025W3EA012
- F025W3EA018
- F025W3EA030
- F025W3EA033

**4000K**

Non Dimmable

- F025W4EA001
- F025W4EA006
- F025W4EA012
- F025W4EA018
- F025W4EA030
- F025W4EA033



@ 3000K

## Spine L 1 Pro Hp

### Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025W2FA001
- F025W2FA006
- F025W2FA012
- F025W2FA018
- F025W2FA030
- F025W2FA033

#### 3000K

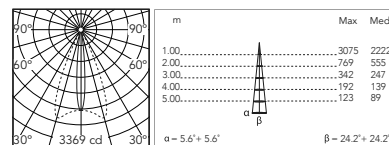
Non Dimmable

- F025W3FA001
- F025W3FA006
- F025W3FA012
- F025W3FA018
- F025W3FA030
- F025W3FA033

#### 4000K

Non Dimmable

- F025W4FA001
- F025W4FA006
- F025W4FA012
- F025W4FA018
- F025W4FA030
- F025W4FA033



### Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025W2GA001
- F025W2GA006
- F025W2GA012
- F025W2GA018
- F025W2GA030
- F025W2GA033

#### 3000K

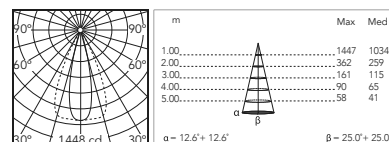
Non Dimmable

- F025W3GA001
- F025W3GA006
- F025W3GA012
- F025W3GA018
- F025W3GA030
- F025W3GA033

#### 4000K

Non Dimmable

- F025W4GA001
- F025W4GA006
- F025W4GA012
- F025W4GA018
- F025W4GA030
- F025W4GA033



### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025W2HA001
- F025W2HA006
- F025W2HA012
- F025W2HA018
- F025W2HA030
- F025W2HA033

#### 3000K

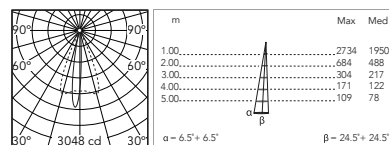
Non Dimmable

- F025W3HA001
- F025W3HA006
- F025W3HA012
- F025W3HA018
- F025W3HA030
- F025W3HA033

#### 4000K

Non Dimmable

- F025W4HA001
- F025W4HA006
- F025W4HA012
- F025W4HA018
- F025W4HA030
- F025W4HA033

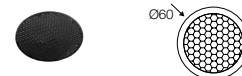


## Spine L 1 Pro: Zubehörteile / Accessories

Honeycomb

Honeycomb Louvre

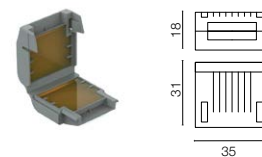
F025Z060000



IPX8 Gelbox für den elektrischen Anschluss.

Gelbox IPX8 for splicing connectors.

F990C100000



Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.

2 way terminal block 4 poles IP68 H2O Stop.

F990C00A000



Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).

F990C010000

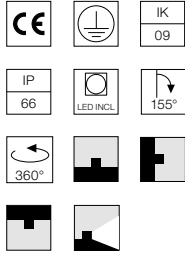
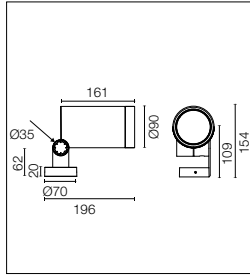


### Konverterlinse / Converter lenses:

- Converter Spine 1 Optic Medium Flood
- Converter Spine 1 Optic Flood
- Converter Spine 1 Optic Wide Flood
- Converter Spine 1 Optic Elliptic 1
- Converter Spine 1 Optic Elliptic 2
- Converter Spine 1 Optic Wall Washer

F029Z010000  
F029Z011000  
F029Z012000  
F029Z013000  
F029Z014000  
F029Z015000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

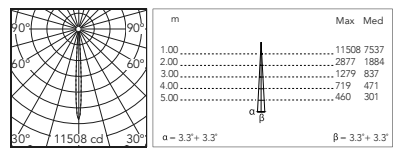
- Non Dimmable
- F026V2AA001
- F026V2AA006
- F026V2AA012
- F026V2AA018
- F026V2AA030
- F026V2AA033
- 1-10V
- F026V2AB001
- F026V2AB006
- F026V2AB012
- F026V2AB018
- F026V2AB030
- F026V2AB033
- Dali
- F026V2AD001
- F026V2AD006
- F026V2AD012
- F026V2AD018
- F026V2AD030
- F026V2AD033

**3000K**

- Non Dimmable
- F026V3AA001
- F026V3AA006
- F026V3AA012
- F026V3AA018
- F026V3AA030
- F026V3AA033
- 1-10V
- F026V3AB001
- F026V3AB006
- F026V3AB012
- F026V3AB018
- F026V3AB030
- F026V3AB033
- Dali
- F026V3AD001
- F026V3AD006
- F026V3AD012
- F026V3AD018
- F026V3AD030
- F026V3AD033

**4000K**

- Non Dimmable
- F026V4AA001
- F026V4AA006
- F026V4AA012
- F026V4AA018
- F026V4AA030
- F026V4AA033
- 1-10V
- F026V4AB001
- F026V4AB006
- F026V4AB012
- F026V4AB018
- F026V4AB030
- F026V4AB033
- Dali
- F026V4AD001
- F026V4AD006
- F026V4AD012
- F026V4AD018
- F026V4AD030
- F026V4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

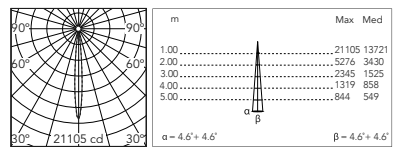
- Non Dimmable
- F026V2BA001
- F026V2BA006
- F026V2BA012
- F026V2BA018
- F026V2BA030
- F026V2BA033
- 1-10V
- F026V2BB001
- F026V2BB006
- F026V2BB012
- F026V2BB018
- F026V2BB030
- F026V2BB033
- Dali
- F026V2BD001
- F026V2BD006
- F026V2BD012
- F026V2BD018
- F026V2BD030
- F026V2BD033

**3000K**

- Non Dimmable
- F026V3BA001
- F026V3BA006
- F026V3BA012
- F026V3BA018
- F026V3BA030
- F026V3BA033
- 1-10V
- F026V3BB001
- F026V3BB006
- F026V3BB012
- F026V3BB018
- F026V3BB030
- F026V3BB033
- Dali
- F026V3BD001
- F026V3BD006
- F026V3BD012
- F026V3BD018
- F026V3BD030
- F026V3BD033

**4000K**

- Non Dimmable
- F026V4BA001
- F026V4BA006
- F026V4BA012
- F026V4BA018
- F026V4BA030
- F026V4BA033
- 1-10V
- F026V4BB001
- F026V4BB006
- F026V4BB012
- F026V4BB018
- F026V4BB030
- F026V4BB033
- Dali
- F026V4BD001
- F026V4BD006
- F026V4BD012
- F026V4BD018
- F026V4BD030
- F026V4BD033



@ 3000K

**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026V2CA001
- F026V2CA006
- F026V2CA012
- F026V2CA018
- F026V2CA030
- F026V2CA033
- 1-10V
- F026V2CB001
- F026V2CB006
- F026V2CB012
- F026V2CB018
- F026V2CB030
- F026V2CB033
- Dali
- F026V2CD001
- F026V2CD006
- F026V2CD012
- F026V2CD018
- F026V2CD030
- F026V2CD033

**3000K**

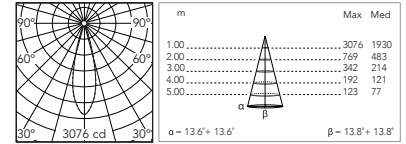
Non Dimmable

- F026V3CA001
- F026V3CA006
- F026V3CA012
- F026V3CA018
- F026V3CA030
- F026V3CA033
- 1-10V
- F026V3CB001
- F026V3CB006
- F026V3CB012
- F026V3CB018
- F026V3CB030
- F026V3CB033
- Dali
- F026V3CD001
- F026V3CD006
- F026V3CD012
- F026V3CD018
- F026V3CD030
- F026V3CD033

**4000K**

Non Dimmable

- F026V4CA001
- F026V4CA006
- F026V4CA012
- F026V4CA018
- F026V4CA030
- F026V4CA033
- 1-10V
- F026V4CB001
- F026V4CB006
- F026V4CB012
- F026V4CB018
- F026V4CB030
- F026V4CB033
- Dali
- F026V4CD001
- F026V4CD006
- F026V4CD012
- F026V4CD018
- F026V4CD030
- F026V4CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026V2DA001
- F026V2DA006
- F026V2DA012
- F026V2DA018
- F026V2DA030
- F026V2DA033
- 1-10V
- F026V2DB001
- F026V2DB006
- F026V2DB012
- F026V2DB018
- F026V2DB030
- F026V2DB033
- Dali
- F026V2DD001
- F026V2DD006
- F026V2DD012
- F026V2DD018
- F026V2DD030
- F026V2DD033

**3000K**

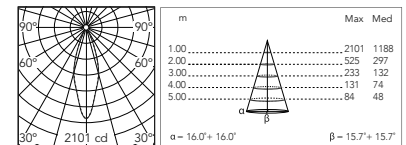
Non Dimmable

- F026V3DA001
- F026V3DA006
- F026V3DA012
- F026V3DA018
- F026V3DA030
- F026V3DA033
- 1-10V
- F026V3DB001
- F026V3DB006
- F026V3DB012
- F026V3DB018
- F026V3DB030
- F026V3DB033
- Dali
- F026V3DD001
- F026V3DD006
- F026V3DD012
- F026V3DD018
- F026V3DD030
- F026V3DD033

**4000K**

Non Dimmable

- F026V4DA001
- F026V4DA006
- F026V4DA012
- F026V4DA018
- F026V4DA030
- F026V4DA033
- 1-10V
- F026V4DB001
- F026V4DB006
- F026V4DB012
- F026V4DB018
- F026V4DB030
- F026V4DB033
- Dali
- F026V4DD001
- F026V4DD006
- F026V4DD012
- F026V4DD018
- F026V4DD030
- F026V4DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026V2EA001
- F026V2EA006
- F026V2EA012
- F026V2EA018
- F026V2EA030
- F026V2EA033
- 1-10V
- F026V2EB001
- F026V2EB006
- F026V2EB012
- F026V2EB018
- F026V2EB030
- F026V2EB033
- Dali
- F026V2ED001
- F026V2ED006
- F026V2ED012
- F026V2ED018
- F026V2ED030
- F026V2ED033

**3000K**

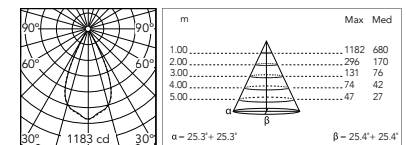
Non Dimmable

- F026V3EA001
- F026V3EA006
- F026V3EA012
- F026V3EA018
- F026V3EA030
- F026V3EA033
- 1-10V
- F026V3EB001
- F026V3EB006
- F026V3EB012
- F026V3EB018
- F026V3EB030
- F026V3EB033
- Dali
- F026V3ED001
- F026V3ED006
- F026V3ED012
- F026V3ED018
- F026V3ED030
- F026V3ED033

**4000K**

Non Dimmable

- F026V4EA001
- F026V4EA006
- F026V4EA012
- F026V4EA018
- F026V4EA030
- F026V4EA033
- 1-10V
- F026V4EB001
- F026V4EB006
- F026V4EB012
- F026V4EB018
- F026V4EB030
- F026V4EB033
- Dali
- F026V4ED001
- F026V4ED006
- F026V4ED012
- F026V4ED018
- F026V4ED030
- F026V4ED033



@ 3000K

# Spine L 2 Pro

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026V2FA001
- F026V2FA006
- F026V2FA012
- F026V2FA018
- F026V2FA030
- F026V2FA033
- 1-10V
- F026V2FB001
- F026V2FB006
- F026V2FB012
- F026V2FB018
- F026V2FB030
- F026V2FB033
- Dali
- F026V2FD001
- F026V2FD006
- F026V2FD012
- F026V2FD018
- F026V2FD030
- F026V2FD033

### 3000K

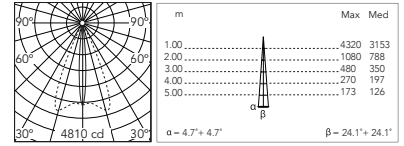
Non Dimmable

- F026V3FA001
- F026V3FA006
- F026V3FA012
- F026V3FA018
- F026V3FA030
- F026V3FA033
- 1-10V
- F026V3FB001
- F026V3FB006
- F026V3FB012
- F026V3FB018
- F026V3FB030
- F026V3FB033
- Dali
- F026V3FD001
- F026V3FD006
- F026V3FD012
- F026V3FD018
- F026V3FD030
- F026V3FD033

### 4000K

Non Dimmable

- F026V4FA001
- F026V4FA006
- F026V4FA012
- F026V4FA018
- F026V4FA030
- F026V4FA033
- 1-10V
- F026V4FB001
- F026V4FB006
- F026V4FB012
- F026V4FB018
- F026V4FB030
- F026V4FB033
- Dali
- F026V4FD001
- F026V4FD006
- F026V4FD012
- F026V4FD018
- F026V4FD030
- F026V4FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026V2GA001
- F026V2GA006
- F026V2GA012
- F026V2GA018
- F026V2GA030
- F026V2GA033
- 1-10V
- F026V2GB001
- F026V2GB006
- F026V2GB012
- F026V2GB018
- F026V2GB030
- F026V2GB033
- Dali
- F026V2GD001
- F026V2GD006
- F026V2GD012
- F026V2GD018
- F026V2GD030
- F026V2GD033

### 3000K

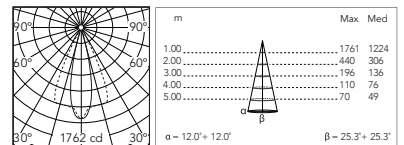
Non Dimmable

- F026V3GA001
- F026V3GA006
- F026V3GA012
- F026V3GA018
- F026V3GA030
- F026V3GA033
- 1-10V
- F026V3GB001
- F026V3GB006
- F026V3GB012
- F026V3GB018
- F026V3GB030
- F026V3GB033
- Dali
- F026V3GD001
- F026V3GD006
- F026V3GD012
- F026V3GD018
- F026V3GD030
- F026V3GD033

### 4000K

Non Dimmable

- F026V4GA001
- F026V4GA006
- F026V4GA012
- F026V4GA018
- F026V4GA030
- F026V4GA033
- 1-10V
- F026V4GB001
- F026V4GB006
- F026V4GB012
- F026V4GB018
- F026V4GB030
- F026V4GB033
- Dali
- F026V4GD001
- F026V4GD006
- F026V4GD012
- F026V4GD018
- F026V4GD030
- F026V4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026V2HA001
- F026V2HA006
- F026V2HA012
- F026V2HA018
- F026V2HA030
- F026V2HA033
- 1-10V
- F026V2HB001
- F026V2HB006
- F026V2HB012
- F026V2HB018
- F026V2HB030
- F026V2HB033
- Dali
- F026V2HD001
- F026V2HD006
- F026V2HD012
- F026V2HD018
- F026V2HD030
- F026V2HD033

### 3000K

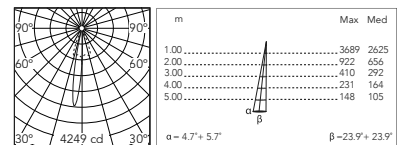
Non Dimmable

- F026V3HA001
- F026V3HA006
- F026V3HA012
- F026V3HA018
- F026V3HA030
- F026V3HA033
- 1-10V
- F026V3HB001
- F026V3HB006
- F026V3HB012
- F026V3HB018
- F026V3HB030
- F026V3HB033
- Dali
- F026V3HD001
- F026V3HD006
- F026V3HD012
- F026V3HD018
- F026V3HD030
- F026V3HD033

### 4000K

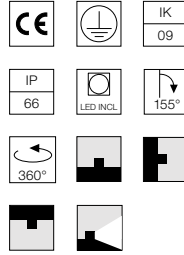
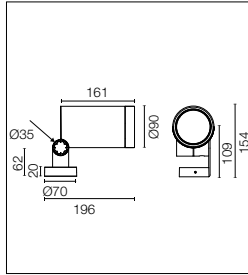
Non Dimmable

- F026V4HA001
- F026V4HA006
- F026V4HA012
- F026V4HA018
- F026V4HA030
- F026V4HA033
- 1-10V
- F026V4HB001
- F026V4HB006
- F026V4HB012
- F026V4HB018
- F026V4HB030
- F026V4HB033
- Dali
- F026V4HD001
- F026V4HD006
- F026V4HD012
- F026V4HD018
- F026V4HD030
- F026V4HD033



@ 3000K





Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, regelbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026W2BA001
- F026W2BA006
- F026W2BA012
- F026W2BA018
- F026W2BA030
- F026W2BA033
- 1-10V
- F026W2BB001
- F026W2BB006
- F026W2BB012
- F026W2BB018
- F026W2BB030
- F026W2BB033
- Dali
- F026W2BD001
- F026W2BD006
- F026W2BD012
- F026W2BD018
- F026W2BD030
- F026W2BD033

**3000K**

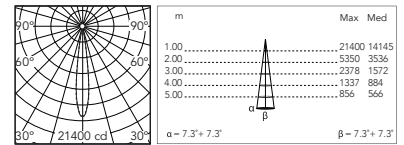
Non Dimmable

- F026W3BA001
- F026W3BA006
- F026W3BA012
- F026W3BA018
- F026W3BA030
- F026W3BA033
- 1-10V
- F026W3BB001
- F026W3BB006
- F026W3BB012
- F026W3BB018
- F026W3BB030
- F026W3BB033
- Dali
- F026W3BD001
- F026W3BD006
- F026W3BD012
- F026W3BD018
- F026W3BD030
- F026W3BD033

**4000K**

Non Dimmable

- F026W4BA001
- F026W4BA006
- F026W4BA012
- F026W4BA018
- F026W4BA030
- F026W4BA033
- 1-10V
- F026W4BB001
- F026W4BB006
- F026W4BB012
- F026W4BB018
- F026W4BB030
- F026W4BB033
- Dali
- F026W4BD001
- F026W4BD006
- F026W4BD012
- F026W4BD018
- F026W4BD030
- F026W4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026W2CA001
- F026W2CA006
- F026W2CA012
- F026W2CA018
- F026W2CA030
- F026W2CA033
- 1-10V
- F026W2CB001
- F026W2CB006
- F026W2CB012
- F026W2CB018
- F026W2CB030
- F026W2CB033
- Dali
- F026W2CD001
- F026W2CD006
- F026W2CD012
- F026W2CD018
- F026W2CD030
- F026W2CD033

**3000K**

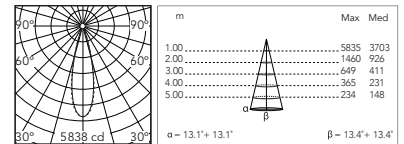
Non Dimmable

- F026W3CA001
- F026W3CA006
- F026W3CA012
- F026W3CA018
- F026W3CA030
- F026W3CA033
- 1-10V
- F026W3CB001
- F026W3CB006
- F026W3CB012
- F026W3CB018
- F026W3CB030
- F026W3CB033
- Dali
- F026W3CD001
- F026W3CD006
- F026W3CD012
- F026W3CD018
- F026W3CD030
- F026W3CD033

**4000K**

Non Dimmable

- F026W4CA001
- F026W4CA006
- F026W4CA012
- F026W4CA018
- F026W4CA030
- F026W4CA033
- 1-10V
- F026W4CB001
- F026W4CB006
- F026W4CB012
- F026W4CB018
- F026W4CB030
- F026W4CB033
- Dali
- F026W4CD001
- F026W4CD006
- F026W4CD012
- F026W4CD018
- F026W4CD030
- F026W4CD033



@ 3000K

## Spine L 2 Pro Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026W2DA001
- F026W2DA006
- F026W2DA012
- F026W2DA018
- F026W2DA030
- F026W2DA033
- 1-10V
- F026W2DB001
- F026W2DB006
- F026W2DB012
- F026W2DB018
- F026W2DB030
- F026W2DB033
- Dali
- F026W2DD001
- F026W2DD006
- F026W2DD012
- F026W2DD018
- F026W2DD030
- F026W2DD033

#### 3000K

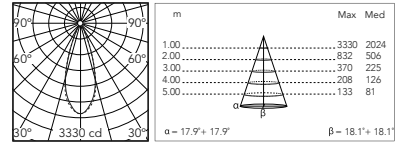
Non Dimmable

- F026W3DA001
- F026W3DA006
- F026W3DA012
- F026W3DA018
- F026W3DA030
- F026W3DA033
- 1-10V
- F026W3DB001
- F026W3DB006
- F026W3DB012
- F026W3DB018
- F026W3DB030
- F026W3DB033
- Dali
- F026W3DD001
- F026W3DD006
- F026W3DD012
- F026W3DD018
- F026W3DD030
- F026W3DD033

#### 4000K

Non Dimmable

- F026W4DA001
- F026W4DA006
- F026W4DA012
- F026W4DA018
- F026W4DA030
- F026W4DA033
- 1-10V
- F026W4DB001
- F026W4DB006
- F026W4DB012
- F026W4DB018
- F026W4DB030
- F026W4DB033
- Dali
- F026W4DD001
- F026W4DD006
- F026W4DD012
- F026W4DD018
- F026W4DD030
- F026W4DD033



@ 3000K

### Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026W2EA001
- F026W2EA006
- F026W2EA012
- F026W2EA018
- F026W2EA030
- F026W2EA033
- 1-10V
- F026W2EB001
- F026W2EB006
- F026W2EB012
- F026W2EB018
- F026W2EB030
- F026W2EB033
- Dali
- F026W2ED001
- F026W2ED006
- F026W2ED012
- F026W2ED018
- F026W2ED030
- F026W2ED033

#### 3000K

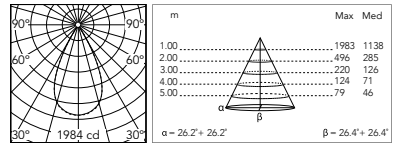
Non Dimmable

- F026W3EA001
- F026W3EA006
- F026W3EA012
- F026W3EA018
- F026W3EA030
- F026W3EA033
- 1-10V
- F026W3EB001
- F026W3EB006
- F026W3EB012
- F026W3EB018
- F026W3EB030
- F026W3EB033
- Dali
- F026W3ED001
- F026W3ED006
- F026W3ED012
- F026W3ED018
- F026W3ED030
- F026W3ED033

#### 4000K

Non Dimmable

- F026W4EA001
- F026W4EA006
- F026W4EA012
- F026W4EA018
- F026W4EA030
- F026W4EA033
- 1-10V
- F026W4EB001
- F026W4EB006
- F026W4EB012
- F026W4EB018
- F026W4EB030
- F026W4EB033
- Dali
- F026W4ED001
- F026W4ED006
- F026W4ED012
- F026W4ED018
- F026W4ED030
- F026W4ED033



@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026W2FA001
- F026W2FA006
- F026W2FA012
- F026W2FA018
- F026W2FA030
- F026W2FA033
- 1-10V
- F026W2FB001
- F026W2FB006
- F026W2FB012
- F026W2FB018
- F026W2FB030
- F026W2FB033
- Dali
- F026W2FD001
- F026W2FD006
- F026W2FD012
- F026W2FD018
- F026W2FD030
- F026W2FD033

#### 3000K

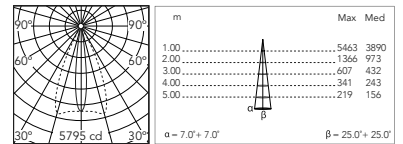
Non Dimmable

- F026W3FA001
- F026W3FA006
- F026W3FA012
- F026W3FA018
- F026W3FA030
- F026W3FA033
- 1-10V
- F026W3FB001
- F026W3FB006
- F026W3FB012
- F026W3FB018
- F026W3FB030
- F026W3FB033
- Dali
- F026W3FD001
- F026W3FD006
- F026W3FD012
- F026W3FD018
- F026W3FD030
- F026W3FD033

#### 4000K

Non Dimmable

- F026W4FA001
- F026W4FA006
- F026W4FA012
- F026W4FA018
- F026W4FA030
- F026W4FA033
- 1-10V
- F026W4FB001
- F026W4FB006
- F026W4FB012
- F026W4FB018
- F026W4FB030
- F026W4FB033
- Dali
- F026W4FD001
- F026W4FD006
- F026W4FD012
- F026W4FD018
- F026W4FD030
- F026W4FD033



@ 3000K

# Spine L 2 Pro Hp

## Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026W2GA001
- F026W2GA006
- F026W2GA012
- F026W2GA018
- F026W2GA030
- F026W2GA033

1-10V

- F026W2GB001
- F026W2GB006
- F026W2GB012
- F026W2GB018
- F026W2GB030
- F026W2GB033

Dali

- F026W2GD001
- F026W2GD006
- F026W2GD012
- F026W2GD018
- F026W2GD030
- F026W2GD033

### 3000K

Non Dimmable

- F026W3GA001
- F026W3GA006
- F026W3GA012
- F026W3GA018
- F026W3GA030
- F026W3GA033

1-10V

- F026W3GB001
- F026W3GB006
- F026W3GB012
- F026W3GB018
- F026W3GB030
- F026W3GB033

Dali

- F026W3GD001
- F026W3GD006
- F026W3GD012
- F026W3GD018
- F026W3GD030
- F026W3GD033

### 4000K

Non Dimmable

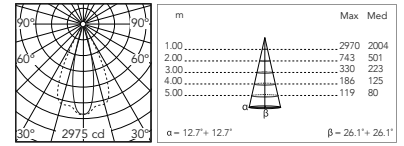
- F026W4GA001
- F026W4GA006
- F026W4GA012
- F026W4GA018
- F026W4GA030
- F026W4GA033

1-10V

- F026W4GB001
- F026W4GB006
- F026W4GB012
- F026W4GB018
- F026W4GB030
- F026W4GB033

Dali

- F026W4GD001
- F026W4GD006
- F026W4GD012
- F026W4GD018
- F026W4GD030
- F026W4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026W2HA001
- F026W2HA006
- F026W2HA012
- F026W2HA018
- F026W2HA030
- F026W2HA033

1-10V

- F026W2HB001
- F026W2HB006
- F026W2HB012
- F026W2HB018
- F026W2HB030
- F026W2HB033

Dali

- F026W2HD001
- F026W2HD006
- F026W2HD012
- F026W2HD018
- F026W2HD030
- F026W2HD033

### 3000K

Non Dimmable

- F026W3HA001
- F026W3HA006
- F026W3HA012
- F026W3HA018
- F026W3HA030
- F026W3HA033

1-10V

- F026W3HB001
- F026W3HB006
- F026W3HB012
- F026W3HB018
- F026W3HB030
- F026W3HB033

Dali

- F026W3HD001
- F026W3HD006
- F026W3HD012
- F026W3HD018
- F026W3HD030
- F026W3HD033

### 4000K

Non Dimmable

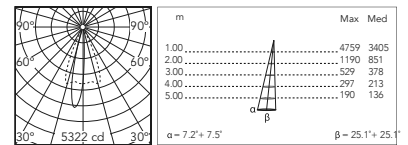
- F026W4HA001
- F026W4HA006
- F026W4HA012
- F026W4HA018
- F026W4HA030
- F026W4HA033

1-10V

- F026W4HB001
- F026W4HB006
- F026W4HB012
- F026W4HB018
- F026W4HB030
- F026W4HB033


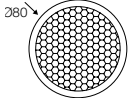

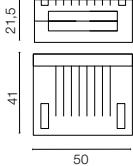

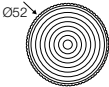

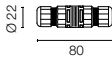

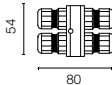

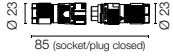

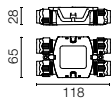
Dali

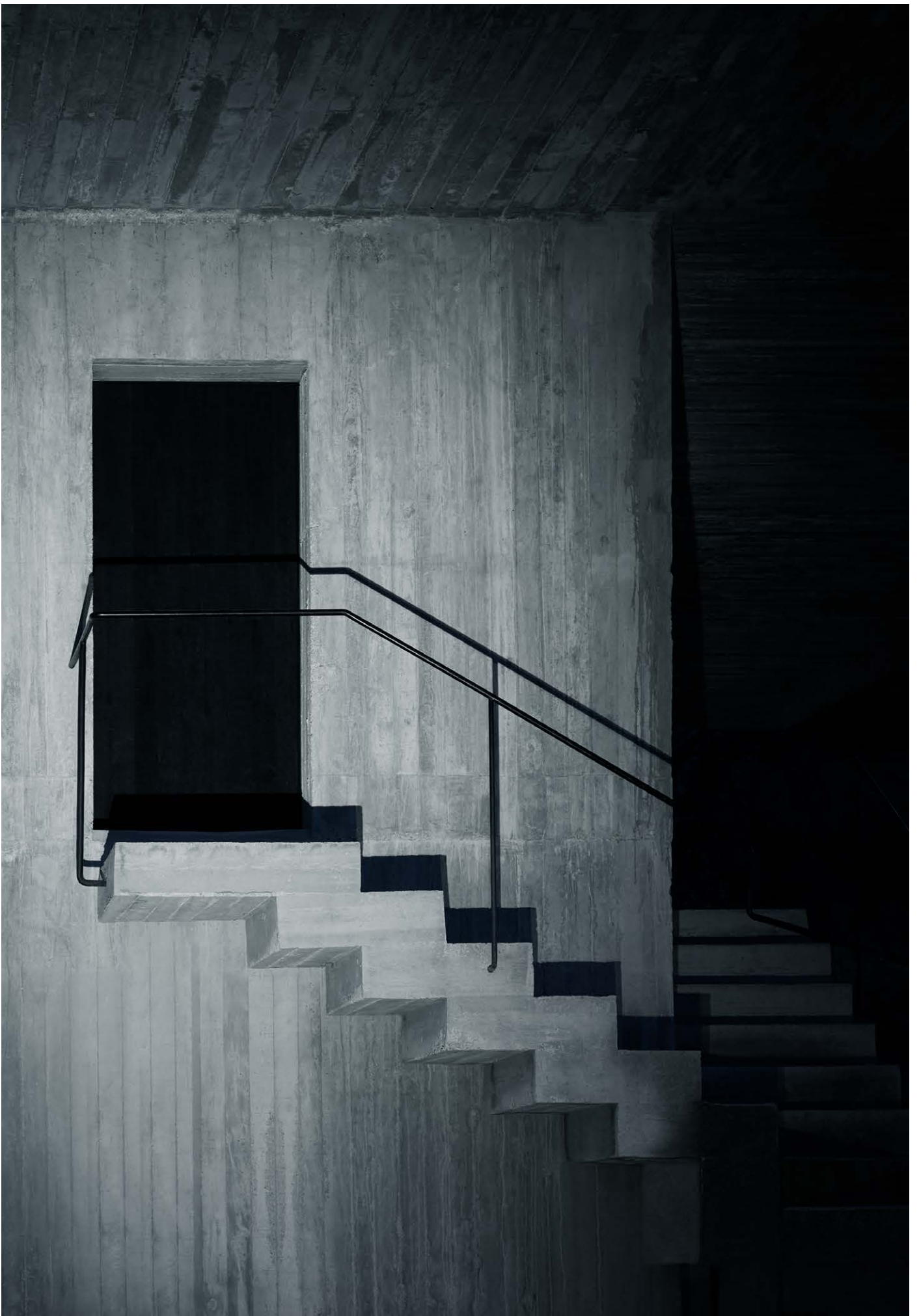
- F026W4HD001
- F026W4HD006
- F026W4HD012
- F026W4HD018
- F026W4HD030
- F026W4HD033

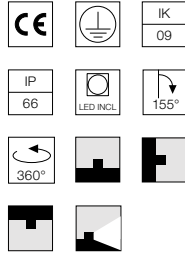
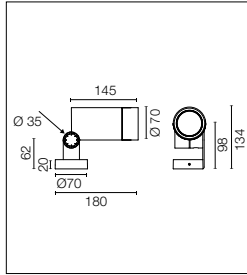


@ 3000K

## Spine L 2 Pro: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 2 Optic Medium Flood		F029Z020000		
- Converter Spine 2 Optic Flood		F029Z021000		
- Converter Spine 2 Optic Wide Flood		F029Z022000		
- Converter Spine 2 Optic Elliptic 1		F029Z023000		
- Converter Spine 2 Optic Elliptic 2		F029Z024000		
- Converter Spine 2 Optic Wall Washer		F029Z025000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025R2AA001
- F025R2AA006
- F025R2AA012
- F025R2AA018
- F025R2AA030
- F025R2AA033

**3000K**

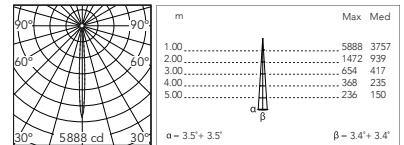
Non Dimmable

- F025R3AA001
- F025R3AA006
- F025R3AA012
- F025R3AA018
- F025R3AA030
- F025R3AA033

**4000K**

Non Dimmable

- F025R4AA001
- F025R4AA006
- F025R4AA012
- F025R4AA018
- F025R4AA030
- F025R4AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025R2BA001
- F025R2BA006
- F025R2BA012
- F025R2BA018
- F025R2BA030
- F025R2BA033

**3000K**

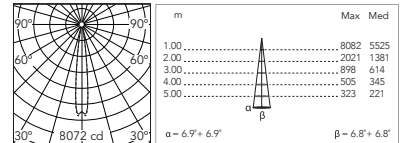
Non Dimmable

- F025R3BA001
- F025R3BA006
- F025R3BA012
- F025R3BA018
- F025R3BA030
- F025R3BA033

**4000K**

Non Dimmable

- F025R4BA001
- F025R4BA006
- F025R4BA012
- F025R4BA018
- F025R4BA030
- F025R4BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025R2CA001
- F025R2CA006
- F025R2CA012
- F025R2CA018
- F025R2CA030
- F025R2CA033

**3000K**

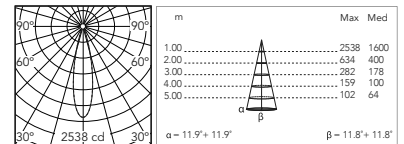
Non Dimmable

- F025R3CA001
- F025R3CA006
- F025R3CA012
- F025R3CA018
- F025R3CA030
- F025R3CA033

**4000K**

Non Dimmable

- F025R4CA001
- F025R4CA006
- F025R4CA012
- F025R4CA018
- F025R4CA030
- F025R4CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025R2DA001
- F025R2DA006
- F025R2DA012
- F025R2DA018
- F025R2DA030
- F025R2DA033

**3000K**

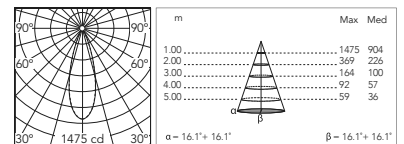
Non Dimmable

- F025R3DA001
- F025R3DA006
- F025R3DA012
- F025R3DA018
- F025R3DA030
- F025R3DA033

**4000K**

Non Dimmable

- F025R4DA001
- F025R4DA006
- F025R4DA012
- F025R4DA018
- F025R4DA030
- F025R4DA033



@ 3000K

# Spine L 1 Ultra

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025R2EA001
- F025R2EA006
- F025R2EA012
- F025R2EA018
- F025R2EA030
- F025R2EA033

### 3000K

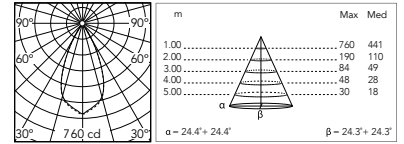
Non Dimmable

- F025R3EA001
- F025R3EA006
- F025R3EA012
- F025R3EA018
- F025R3EA030
- F025R3EA033

### 4000K

Non Dimmable

- F025R4EA001
- F025R4EA006
- F025R4EA012
- F025R4EA018
- F025R4EA030
- F025R4EA033



@ 3000K

## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025R2FA001
- F025R2FA006
- F025R2FA012
- F025R2FA018
- F025R2FA030
- F025R2FA033

### 3000K

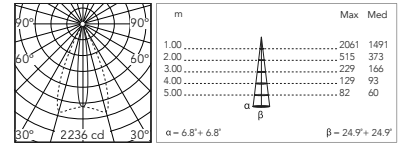
Non Dimmable

- F025R3FA001
- F025R3FA006
- F025R3FA012
- F025R3FA018
- F025R3FA030
- F025R3FA033

### 4000K

Non Dimmable

- F025R4FA001
- F025R4FA006
- F025R4FA012
- F025R4FA018
- F025R4FA030
- F025R4FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025R2GA001
- F025R2GA006
- F025R2GA012
- F025R2GA018
- F025R2GA030
- F025R2GA033

### 3000K

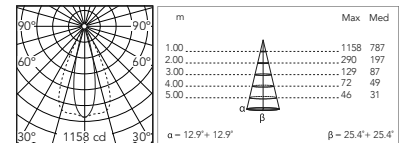
Non Dimmable

- F025R3GA001
- F025R3GA006
- F025R3GA012
- F025R3GA018
- F025R3GA030
- F025R3GA033

### 4000K

Non Dimmable

- F025R4GA001
- F025R4GA006
- F025R4GA012
- F025R4GA018
- F025R4GA030
- F025R4GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F025R2HA001
- F025R2HA006
- F025R2HA012
- F025R2HA018
- F025R2HA030
- F025R2HA033

### 3000K

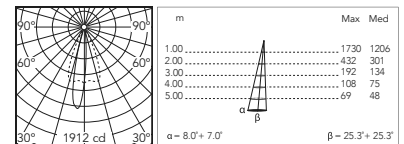
Non Dimmable

- F025R3HA001
- F025R3HA006
- F025R3HA012
- F025R3HA018
- F025R3HA030
- F025R3HA033

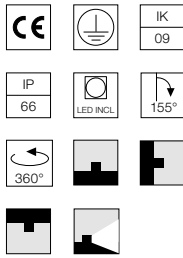
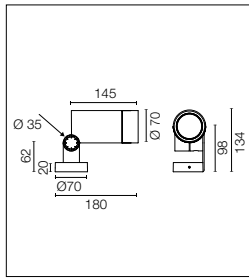
### 4000K

Non Dimmable

- F025R4HA001
- F025R4HA006
- F025R4HA012
- F025R4HA018
- F025R4HA030
- F025R4HA033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. : como accesorio, está disponible el visor de corte asimétrico. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025S2BA001
- F025S2BA006
- F025S2BA012
- F025S2BA018
- F025S2BA030
- F025S2BA033

**3000K**

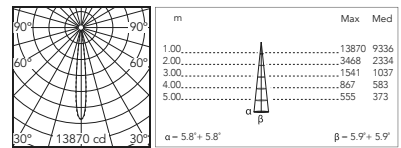
Non Dimmable

- F025S3BA001
- F025S3BA006
- F025S3BA012
- F025S3BA018
- F025S3BA030
- F025S3BA033

**4000K**

Non Dimmable

- F025S4BA001
- F025S4BA006
- F025S4BA012
- F025S4BA018
- F025S4BA030
- F025S4BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025S2CA001
- F025S2CA006
- F025S2CA012
- F025S2CA018
- F025S2CA030
- F025S2CA033

**3000K**

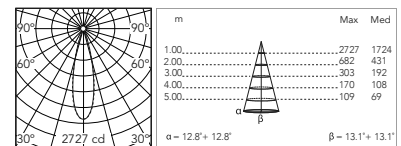
Non Dimmable

- F025S3CA001
- F025S3CA006
- F025S3CA012
- F025S3CA018
- F025S3CA030
- F025S3CA033

**4000K**

Non Dimmable

- F025S4CA001
- F025S4CA006
- F025S4CA012
- F025S4CA018
- F025S4CA030
- F025S4CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025S2DA001
- F025S2DA006
- F025S2DA012
- F025S2DA018
- F025S2DA030
- F025S2DA033

**3000K**

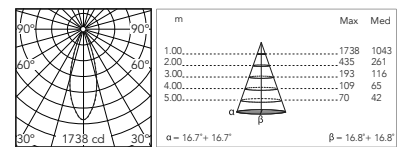
Non Dimmable

- F025S3DA001
- F025S3DA006
- F025S3DA012
- F025S3DA018
- F025S3DA030
- F025S3DA033

**4000K**

Non Dimmable

- F025S4DA001
- F025S4DA006
- F025S4DA012
- F025S4DA018
- F025S4DA030
- F025S4DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F025S2EA001
- F025S2EA006
- F025S2EA012
- F025S2EA018
- F025S2EA030
- F025S2EA033

**3000K**

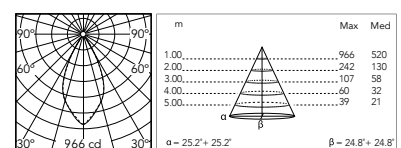
Non Dimmable

- F025S3EA001
- F025S3EA006
- F025S3EA012
- F025S3EA018
- F025S3EA030
- F025S3EA033

**4000K**

Non Dimmable

- F025S4EA001
- F025S4EA006
- F025S4EA012
- F025S4EA018
- F025S4EA030
- F025S4EA033



@ 3000K



## Spine L 1 Ultra Hp

### Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025S2FA001
- F025S2FA006
- F025S2FA012
- F025S2FA018
- F025S2FA030
- F025S2FA033

#### 3000K

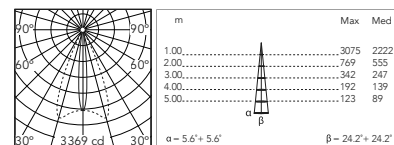
Non Dimmable

- F025S3FA001
- F025S3FA006
- F025S3FA012
- F025S3FA018
- F025S3FA030
- F025S3FA033

#### 4000K

Non Dimmable

- F025S4FA001
- F025S4FA006
- F025S4FA012
- F025S4FA018
- F025S4FA030
- F025S4FA033



@ 3000K

### Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025S2GA001
- F025S2GA006
- F025S2GA012
- F025S2GA018
- F025S2GA030
- F025S2GA033

#### 3000K

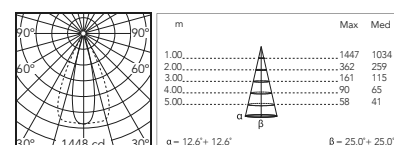
Non Dimmable

- F025S3GA001
- F025S3GA006
- F025S3GA012
- F025S3GA018
- F025S3GA030
- F025S3GA033

#### 4000K

Non Dimmable

- F025S4GA001
- F025S4GA006
- F025S4GA012
- F025S4GA018
- F025S4GA030
- F025S4GA033



@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F025S2HA001
- F025S2HA006
- F025S2HA012
- F025S2HA018
- F025S2HA030
- F025S2HA033

#### 3000K

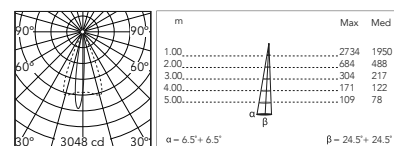
Non Dimmable

- F025S3HA001
- F025S3HA006
- F025S3HA012
- F025S3HA018
- F025S3HA030
- F025S3HA033

#### 4000K

Non Dimmable

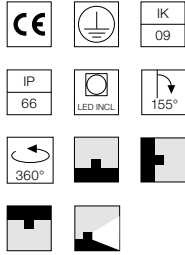
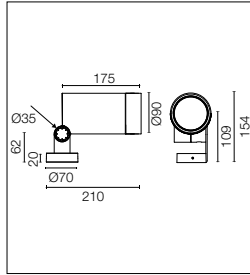
- F025S4HA001
- F025S4HA006
- F025S4HA012
- F025S4HA018
- F025S4HA030
- F025S4HA033



@ 3000K

## Spine L 1 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F025Z050001</li> <li>● F025Z050006</li> <li>● F025Z050012</li> <li>● F025Z050018</li> <li>● F025Z050030</li> <li>● F025Z050033</li> </ul>	
Honeycomb	Honeycomb Louvre	F025Z060000	
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000	
Konverterlinse / Converter lenses:			
- Converter Spine 1 Optic Medium Flood		F029Z010000	
- Converter Spine 1 Optic Flood		F029Z011000	
- Converter Spine 1 Optic Wide Flood		F029Z012000	
- Converter Spine 1 Optic Elliptic 1		F029Z013000	
- Converter Spine 1 Optic Elliptic 2		F029Z014000	
- Converter Spine 1 Optic Wall Washer		F029Z015000	
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000	
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	



Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar, 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

Optic Narrow Spot

2200K auf Anfrage erhältlich.

Optic Narrow Spot

2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

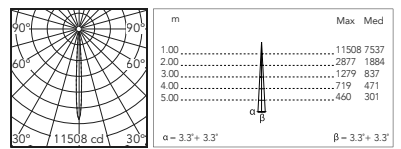
- Non Dimmable
- F026R2AA001
- F026R2AA006
- F026R2AA012
- F026R2AA018
- F026R2AA030
- F026R2AA033
- 1-10V
- F026R2AB001
- F026R2AB006
- F026R2AB012
- F026R2AB018
- F026R2AB030
- F026R2AB033
- Dali
- F026R2AD001
- F026R2AD006
- F026R2AD012
- F026R2AD018
- F026R2AD030
- F026R2AD033

**3000K**

- Non Dimmable
- F026R3AA001
- F026R3AA006
- F026R3AA012
- F026R3AA018
- F026R3AA030
- F026R3AA033
- 1-10V
- F026R3AB001
- F026R3AB006
- F026R3AB012
- F026R3AB018
- F026R3AB030
- F026R3AB033
- Dali
- F026R3AD001
- F026R3AD006
- F026R3AD012
- F026R3AD018
- F026R3AD030
- F026R3AD033

**4000K**

- Non Dimmable
- F026R4AA001
- F026R4AA006
- F026R4AA012
- F026R4AA018
- F026R4AA030
- F026R4AA033
- 1-10V
- F026R4AB001
- F026R4AB006
- F026R4AB012
- F026R4AB018
- F026R4AB030
- F026R4AB033
- Dali
- F026R4AD001
- F026R4AD006
- F026R4AD012
- F026R4AD018
- F026R4AD030
- F026R4AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

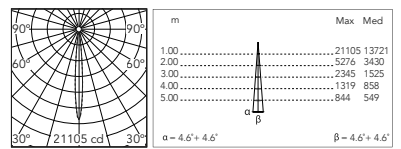
- Non Dimmable
- F026R2BA001
- F026R2BA006
- F026R2BA012
- F026R2BA018
- F026R2BA030
- F026R2BA033
- 1-10V
- F026R2BB001
- F026R2BB006
- F026R2BB012
- F026R2BB018
- F026R2BB030
- F026R2BB033
- Dali
- F026R2BD001
- F026R2BD006
- F026R2BD012
- F026R2BD018
- F026R2BD030
- F026R2BD033

**3000K**

- Non Dimmable
- F026R3BA001
- F026R3BA006
- F026R3BA012
- F026R3BA018
- F026R3BA030
- F026R3BA033
- 1-10V
- F026R3BB001
- F026R3BB006
- F026R3BB012
- F026R3BB018
- F026R3BB030
- F026R3BB033
- Dali
- F026R3BD001
- F026R3BD006
- F026R3BD012
- F026R3BD018
- F026R3BD030
- F026R3BD033

**4000K**

- Non Dimmable
- F026R4BA001
- F026R4BA006
- F026R4BA012
- F026R4BA018
- F026R4BA030
- F026R4BA033
- 1-10V
- F026R4BB001
- F026R4BB006
- F026R4BB012
- F026R4BB018
- F026R4BB030
- F026R4BB033
- Dali
- F026R4BD001
- F026R4BD006
- F026R4BD012
- F026R4BD018
- F026R4BD030
- F026R4BD033



@ 3000K

**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026R2CA001
- F026R2CA006
- F026R2CA012
- F026R2CA018
- F026R2CA030
- F026R2CA033
- 1-10V
- F026R2CB001
- F026R2CB006
- F026R2CB012
- F026R2CB018
- F026R2CB030
- F026R2CB033
- Dali
- F026R2CD001
- F026R2CD006
- F026R2CD012
- F026R2CD018
- F026R2CD030
- F026R2CD033

**3000K**

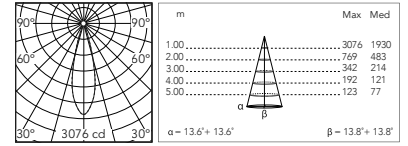
Non Dimmable

- F026R3CA001
- F026R3CA006
- F026R3CA012
- F026R3CA018
- F026R3CA030
- F026R3CA033
- 1-10V
- F026R3CB001
- F026R3CB006
- F026R3CB012
- F026R3CB018
- F026R3CB030
- F026R3CB033
- Dali
- F026R3CD001
- F026R3CD006
- F026R3CD012
- F026R3CD018
- F026R3CD030
- F026R3CD033

**4000K**

Non Dimmable

- F026R4CA001
- F026R4CA006
- F026R4CA012
- F026R4CA018
- F026R4CA030
- F026R4CA033
- 1-10V
- F026R4CB001
- F026R4CB006
- F026R4CB012
- F026R4CB018
- F026R4CB030
- F026R4CB033
- Dali
- F026R4CD001
- F026R4CD006
- F026R4CD012
- F026R4CD018
- F026R4CD030
- F026R4CD033



**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026R2DA001
- F026R2DA006
- F026R2DA012
- F026R2DA018
- F026R2DA030
- F026R2DA033
- 1-10V
- F026R2DB001
- F026R2DB006
- F026R2DB012
- F026R2DB018
- F026R2DB030
- F026R2DB033
- Dali
- F026R2DD001
- F026R2DD006
- F026R2DD012
- F026R2DD018
- F026R2DD030
- F026R2DD033

**3000K**

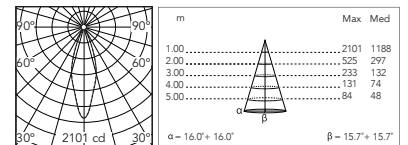
Non Dimmable

- F026R3DA001
- F026R3DA006
- F026R3DA012
- F026R3DA018
- F026R3DA030
- F026R3DA033
- 1-10V
- F026R3DB001
- F026R3DB006
- F026R3DB012
- F026R3DB018
- F026R3DB030
- F026R3DB033
- Dali
- F026R3DD001
- F026R3DD006
- F026R3DD012
- F026R3DD018
- F026R3DD030
- F026R3DD033

**4000K**

Non Dimmable

- F026R4DA001
- F026R4DA006
- F026R4DA012
- F026R4DA018
- F026R4DA030
- F026R4DA033
- 1-10V
- F026R4DB001
- F026R4DB006
- F026R4DB012
- F026R4DB018
- F026R4DB030
- F026R4DB033
- Dali
- F026R4DD001
- F026R4DD006
- F026R4DD012
- F026R4DD018
- F026R4DD030
- F026R4DD033



**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026R2EA001
- F026R2EA006
- F026R2EA012
- F026R2EA018
- F026R2EA030
- F026R2EA033
- 1-10V
- F026R2EB001
- F026R2EB006
- F026R2EB012
- F026R2EB018
- F026R2EB030
- F026R2EB033
- Dali
- F026R2ED001
- F026R2ED006
- F026R2ED012
- F026R2ED018
- F026R2ED030
- F026R2ED033

**3000K**

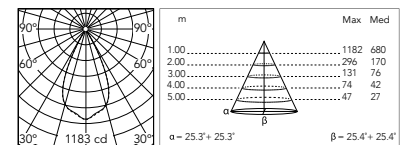
Non Dimmable

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- F026R3EA006
- F026R3EA012
- F026R3EA018
- F026R3EA030
- F026R3EA033
- 1-10V
- F026R3EB001
- F026R3EB006
- F026R3EB012
- F026R3EB018
- F026R3EB030
- F026R3EB033
- Dali
- F026R3ED001
- F026R3ED006
- F026R3ED012
- F026R3ED018
- F026R3ED030
- F026R3ED033

**4000K**

Non Dimmable

- F026R4EA001
- F026R4EA006
- F026R4EA012
- F026R4EA018
- F026R4EA030
- F026R4EA033
- 1-10V
- F026R4EB001
- F026R4EB006
- F026R4EB012
- F026R4EB018
- F026R4EB030
- F026R4EB033
- Dali
- F026R4ED001
- F026R4ED006
- F026R4ED012
- F026R4ED018
- F026R4ED030
- F026R4ED033



# Spine L 2 Ultra

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026R2FA001
- F026R2FA006
- F026R2FA012
- F026R2FA018
- F026R2FA030
- F026R2FA033
- 1-10V
- F026R2FB001
- F026R2FB006
- F026R2FB012
- F026R2FB018
- F026R2FB030
- F026R2FB033
- Dali
- F026R2FD001
- F026R2FD006
- F026R2FD012
- F026R2FD018
- F026R2FD030
- F026R2FD033

### 3000K

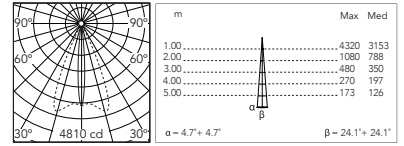
Non Dimmable

- F026R3FA001
- F026R3FA006
- F026R3FA012
- F026R3FA018
- F026R3FA030
- F026R3FA033
- 1-10V
- F026R3FB001
- F026R3FB006
- F026R3FB012
- F026R3FB018
- F026R3FB030
- F026R3FB033
- Dali
- F026R3FD001
- F026R3FD006
- F026R3FD012
- F026R3FD018
- F026R3FD030
- F026R3FD033

### 4000K

Non Dimmable

- F026R4FA001
- F026R4FA006
- F026R4FA012
- F026R4FA018
- F026R4FA030
- F026R4FA033
- 1-10V
- F026R4FB001
- F026R4FB006
- F026R4FB012
- F026R4FB018
- F026R4FB030
- F026R4FB033
- Dali
- F026R4FD001
- F026R4FD006
- F026R4FD012
- F026R4FD018
- F026R4FD030
- F026R4FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026R2GA001
- F026R2GA006
- F026R2GA012
- F026R2GA018
- F026R2GA030
- F026R2GA033
- 1-10V
- F026R2GB001
- F026R2GB006
- F026R2GB012
- F026R2GB018
- F026R2GB030
- F026R2GB033
- Dali
- F026R2GD001
- F026R2GD006
- F026R2GD012
- F026R2GD018
- F026R2GD030
- F026R2GD033

### 3000K

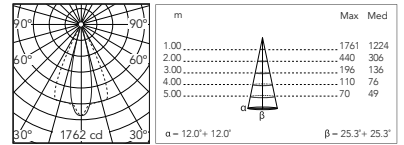
Non Dimmable

- F026R3GA001
- F026R3GA006
- F026R3GA012
- F026R3GA018
- F026R3GA030
- F026R3GA033
- 1-10V
- F026R3GB001
- F026R3GB006
- F026R3GB012
- F026R3GB018
- F026R3GB030
- F026R3GB033
- Dali
- F026R3GD001
- F026R3GD006
- F026R3GD012
- F026R3GD018
- F026R3GD030
- F026R3GD033

### 4000K

Non Dimmable

- F026R4GA001
- F026R4GA006
- F026R4GA012
- F026R4GA018
- F026R4GA030
- F026R4GA033
- 1-10V
- F026R4GB001
- F026R4GB006
- F026R4GB012
- F026R4GB018
- F026R4GB030
- F026R4GB033
- Dali
- F026R4GD001
- F026R4GD006
- F026R4GD012
- F026R4GD018
- F026R4GD030
- F026R4GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F026R2HA001
- F026R2HA006
- F026R2HA012
- F026R2HA018
- F026R2HA030
- F026R2HA033
- 1-10V
- F026R2HB001
- F026R2HB006
- F026R2HB012
- F026R2HB018
- F026R2HB030
- F026R2HB033
- Dali
- F026R2HD001
- F026R2HD006
- F026R2HD012
- F026R2HD018
- F026R2HD030
- F026R2HD033

### 3000K

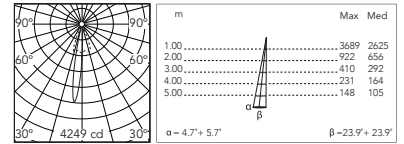
Non Dimmable

- F026R3HA001
- F026R3HA006
- F026R3HA012
- F026R3HA018
- F026R3HA030
- F026R3HA033
- 1-10V
- F026R3HB001
- F026R3HB006
- F026R3HB012
- F026R3HB018
- F026R3HB030
- F026R3HB033
- Dali
- F026R3HD001
- F026R3HD006
- F026R3HD012
- F026R3HD018
- F026R3HD030
- F026R3HD033

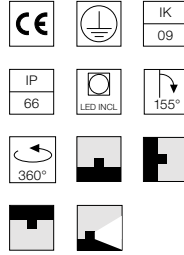
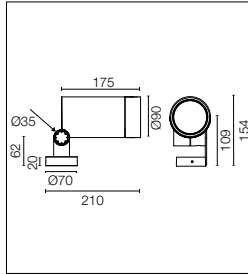
### 4000K

Non Dimmable

- F026R4HA001
- F026R4HA006
- F026R4HA012
- F026R4HA018
- F026R4HA030
- F026R4HA033
- 1-10V
- F026R4HB001
- F026R4HB006
- F026R4HB012
- F026R4HB018
- F026R4HB030
- F026R4HB033
- Dali
- F026R4HD001
- F026R4HD006
- F026R4HD012
- F026R4HD018
- F026R4HD030
- F026R4HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2BA001
- F026S2BA006
- F026S2BA012
- F026S2BA018
- F026S2BA030
- F026S2BA033
- 1-10V
- F026S2BB001
- F026S2BB006
- F026S2BB012
- F026S2BB018
- F026S2BB030
- F026S2BB033
- Dali
- F026S2BD001
- F026S2BD006
- F026S2BD012
- F026S2BD018
- F026S2BD030
- F026S2BD033

**3000K**

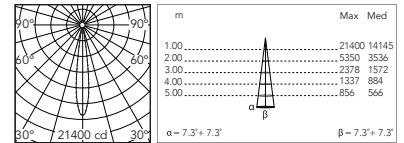
Non Dimmable

- F026S3BA001
- F026S3BA006
- F026S3BA012
- F026S3BA018
- F026S3BA030
- F026S3BA033
- 1-10V
- F026S3BB001
- F026S3BB006
- F026S3BB012
- F026S3BB018
- F026S3BB030
- F026S3BB033
- Dali
- F026S3BD001
- F026S3BD006
- F026S3BD012
- F026S3BD018
- F026S3BD030
- F026S3BD033

**4000K**

Non Dimmable

- F026S4BA001
- F026S4BA006
- F026S4BA012
- F026S4BA018
- F026S4BA030
- F026S4BA033
- 1-10V
- F026S4BB001
- F026S4BB006
- F026S4BB012
- F026S4BB018
- F026S4BB030
- F026S4BB033
- Dali
- F026S4BD001
- F026S4BD006
- F026S4BD012
- F026S4BD018
- F026S4BD030
- F026S4BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2CA001
- F026S2CA006
- F026S2CA012
- F026S2CA018
- F026S2CA030
- F026S2CA033
- 1-10V
- F026S2CB001
- F026S2CB006
- F026S2CB012
- F026S2CB018
- F026S2CB030
- F026S2CB033
- Dali
- F026S2CD001
- F026S2CD006
- F026S2CD012
- F026S2CD018
- F026S2CD030
- F026S2CD033

**3000K**

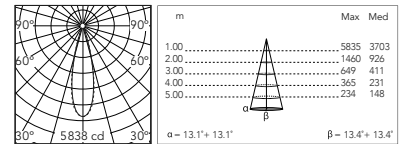
Non Dimmable

- F026S3CA001
- F026S3CA006
- F026S3CA012
- F026S3CA018
- F026S3CA030
- F026S3CA033
- 1-10V
- F026S3CB001
- F026S3CB006
- F026S3CB012
- F026S3CB018
- F026S3CB030
- F026S3CB033
- Dali
- F026S3CD001
- F026S3CD006
- F026S3CD012
- F026S3CD018
- F026S3CD030
- F026S3CD033

**4000K**

Non Dimmable

- F026S4CA001
- F026S4CA006
- F026S4CA012
- F026S4CA018
- F026S4CA030
- F026S4CA033
- 1-10V
- F026S4CB001
- F026S4CB006
- F026S4CB012
- F026S4CB018
- F026S4CB030
- F026S4CB033
- Dali
- F026S4CD001
- F026S4CD006
- F026S4CD012
- F026S4CD018
- F026S4CD030
- F026S4CD033



@ 3000K

## Spine L 2 Ultra Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026S2DA001
- F026S2DA006
- F026S2DA012
- F026S2DA018
- F026S2DA030
- F026S2DA033
- 1-10V
- F026S2DB001
- F026S2DB006
- F026S2DB012
- F026S2DB018
- F026S2DB030
- F026S2DB033
- Dali
- F026S2DD001
- F026S2DD006
- F026S2DD012
- F026S2DD018
- F026S2DD030
- F026S2DD033

#### 3000K

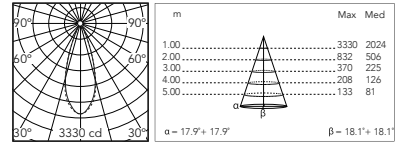
Non Dimmable

- F026S3DA001
- F026S3DA006
- F026S3DA012
- F026S3DA018
- F026S3DA030
- F026S3DA033
- 1-10V
- F026S3DB001
- F026S3DB006
- F026S3DB012
- F026S3DB018
- F026S3DB030
- F026S3DB033
- Dali
- F026S3DD001
- F026S3DD006
- F026S3DD012
- F026S3DD018
- F026S3DD030
- F026S3DD033

#### 4000K

Non Dimmable

- F026S4DA001
- F026S4DA006
- F026S4DA012
- F026S4DA018
- F026S4DA030
- F026S4DA033
- 1-10V
- F026S4DB001
- F026S4DB006
- F026S4DB012
- F026S4DB018
- F026S4DB030
- F026S4DB033
- Dali
- F026S4DD001
- F026S4DD006
- F026S4DD012
- F026S4DD018
- F026S4DD030
- F026S4DD033



@ 3000K

### Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026S2EA001
- F026S2EA006
- F026S2EA012
- F026S2EA018
- F026S2EA030
- F026S2EA033
- 1-10V
- F026S2EB001
- F026S2EB006
- F026S2EB012
- F026S2EB018
- F026S2EB030
- F026S2EB033
- Dali
- F026S2ED001
- F026S2ED006
- F026S2ED012
- F026S2ED018
- F026S2ED030
- F026S2ED033

#### 3000K

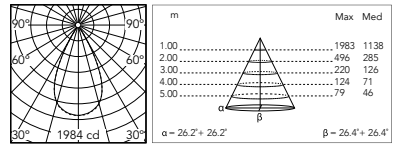
Non Dimmable

- F026S3EA001
- F026S3EA006
- F026S3EA012
- F026S3EA018
- F026S3EA030
- F026S3EA033
- 1-10V
- F026S3EB001
- F026S3EB006
- F026S3EB012
- F026S3EB018
- F026S3EB030
- F026S3EB033
- Dali
- F026S3ED001
- F026S3ED006
- F026S3ED012
- F026S3ED018
- F026S3ED030
- F026S3ED033

#### 4000K

Non Dimmable

- F026S4EA001
- F026S4EA006
- F026S4EA012
- F026S4EA018
- F026S4EA030
- F026S4EA033
- 1-10V
- F026S4EB001
- F026S4EB006
- F026S4EB012
- F026S4EB018
- F026S4EB030
- F026S4EB033
- Dali
- F026S4ED001
- F026S4ED006
- F026S4ED012
- F026S4ED018
- F026S4ED030
- F026S4ED033



@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F026S2FA001
- F026S2FA006
- F026S2FA012
- F026S2FA018
- F026S2FA030
- F026S2FA033
- 1-10V
- F026S2FB001
- F026S2FB006
- F026S2FB012
- F026S2FB018
- F026S2FB030
- F026S2FB033
- Dali
- F026S2FD001
- F026S2FD006
- F026S2FD012
- F026S2FD018
- F026S2FD030
- F026S2FD033

#### 3000K

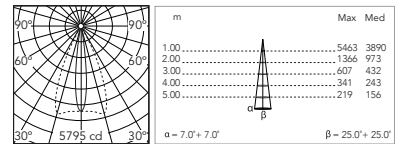
Non Dimmable

- F026S3FA001
- F026S3FA006
- F026S3FA012
- F026S3FA018
- F026S3FA030
- F026S3FA033
- 1-10V
- F026S3FB001
- F026S3FB006
- F026S3FB012
- F026S3FB018
- F026S3FB030
- F026S3FB033
- Dali
- F026S3FD001
- F026S3FD006
- F026S3FD012
- F026S3FD018
- F026S3FD030
- F026S3FD033

#### 4000K

Non Dimmable

- F026S4FA001
- F026S4FA006
- F026S4FA012
- F026S4FA018
- F026S4FA030
- F026S4FA033
- 1-10V
- F026S4FB001
- F026S4FB006
- F026S4FB012
- F026S4FB018
- F026S4FB030
- F026S4FB033
- Dali
- F026S4FD001
- F026S4FD006
- F026S4FD012
- F026S4FD018
- F026S4FD030
- F026S4FD033



@ 3000K

**Optic Elliptical 2 25° x 52°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2GA001
- F026S2GA006
- F026S2GA012
- F026S2GA018
- F026S2GA030
- F026S2GA033

1-10V

- F026S2GB001
- F026S2GB006
- F026S2GB012
- F026S2GB018
- F026S2GB030
- F026S2GB033

Dali

- F026S2GD001
- F026S2GD006
- F026S2GD012
- F026S2GD018
- F026S2GD030
- F026S2GD033

**3000K**

Non Dimmable

- F026S3GA001
- F026S3GA006
- F026S3GA012
- F026S3GA018
- F026S3GA030
- F026S3GA033

1-10V

- F026S3GB001
- F026S3GB006
- F026S3GB012
- F026S3GB018
- F026S3GB030
- F026S3GB033

Dali

- F026S3GD001
- F026S3GD006
- F026S3GD012
- F026S3GD018
- F026S3GD030
- F026S3GD033

**4000K**

Non Dimmable

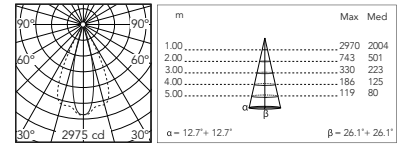
- F026S4GA001
- F026S4GA006
- F026S4GA012
- F026S4GA018
- F026S4GA030
- F026S4GA033

1-10V

- F026S4GB001
- F026S4GB006
- F026S4GB012
- F026S4GB018
- F026S4GB030
- F026S4GB033

Dali

- F026S4GD001
- F026S4GD006
- F026S4GD012
- F026S4GD018
- F026S4GD030
- F026S4GD033



@ 3000K

**Optic Wall Washer**

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2HA001
- F026S2HA006
- F026S2HA012
- F026S2HA018
- F026S2HA030
- F026S2HA033

1-10V

- F026S2HB001
- F026S2HB006
- F026S2HB012
- F026S2HB018
- F026S2HB030
- F026S2HB033

Dali

- F026S2HD001
- F026S2HD006
- F026S2HD012
- F026S2HD018
- F026S2HD030
- F026S2HD033

**3000K**

Non Dimmable

- F026S3HA001
- F026S3HA006
- F026S3HA012
- F026S3HA018
- F026S3HA030
- F026S3HA033

1-10V

- F026S3HB001
- F026S3HB006
- F026S3HB012
- F026S3HB018
- F026S3HB030
- F026S3HB033

Dali

- F026S3HD001
- F026S3HD006
- F026S3HD012
- F026S3HD018
- F026S3HD030
- F026S3HD033

**4000K**

Non Dimmable

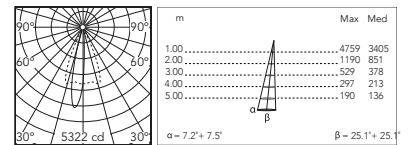
- F026S4HA001
- F026S4HA006
- F026S4HA012
- F026S4HA018
- F026S4HA030
- F026S4HA033

1-10V

- F026S4HB001
- F026S4HB006
- F026S4HB012
- F026S4HB018
- F026S4HB030
- F026S4HB033


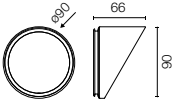

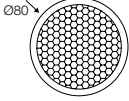

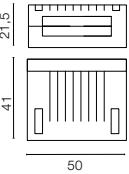

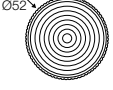

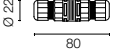

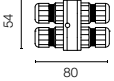

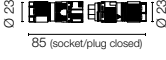

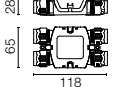
Dali

- F026S4HD001
- F026S4HD006
- F026S4HD012
- F026S4HD018
- F026S4HD030
- F026S4HD033

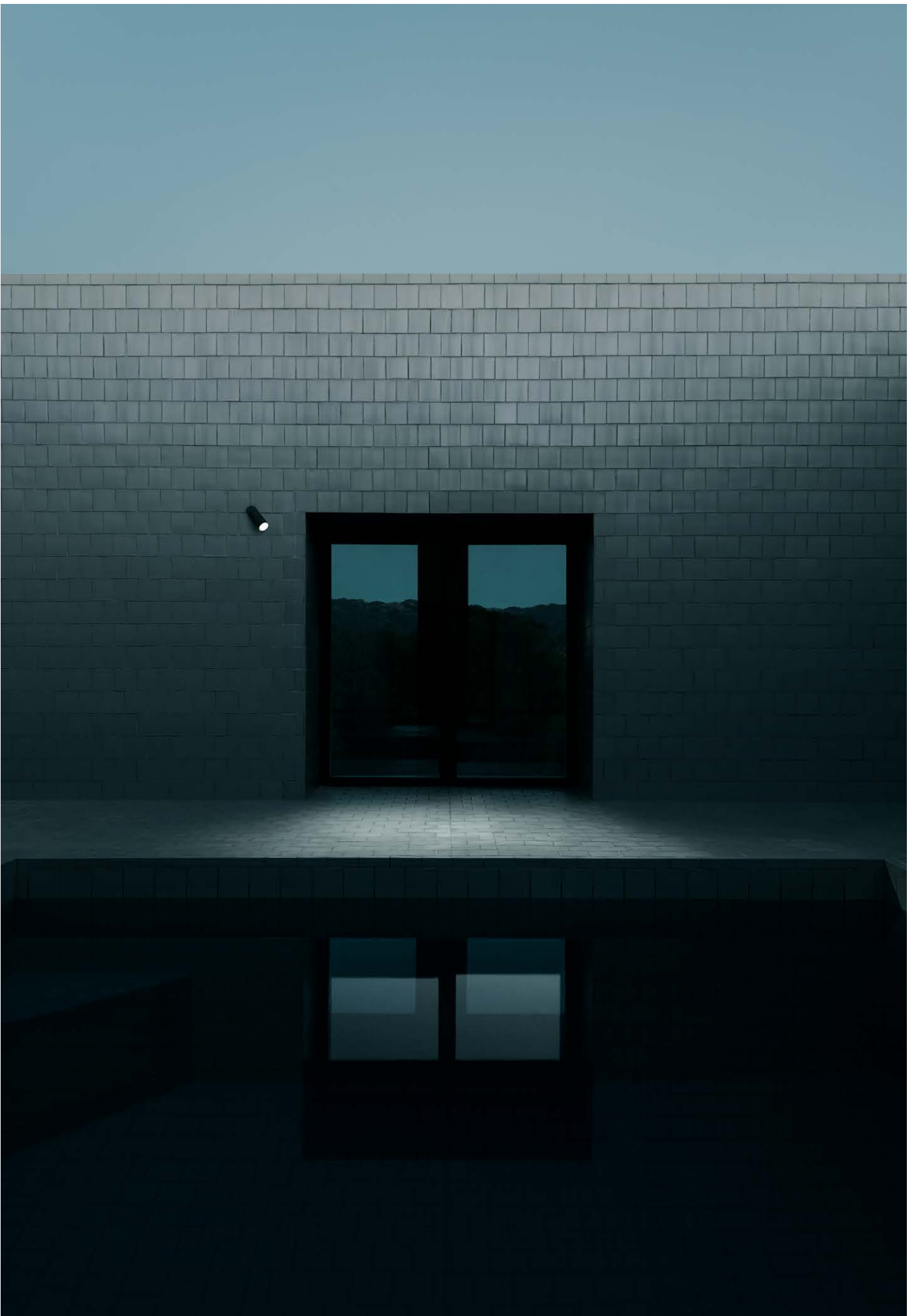


@ 3000K

## Spine L 2 Ultra: Zubehörteile / Accessories

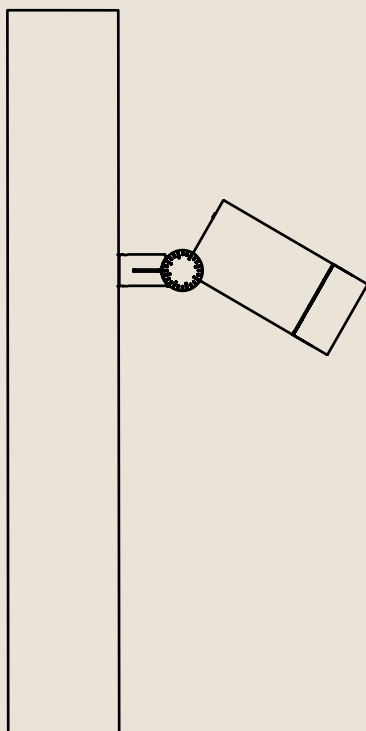
Viewer	Visor	<ul style="list-style-type: none"> <li>○ F026Z050001</li> <li>● F026Z050006</li> <li>● F026Z050012</li> <li>● F026Z050018</li> <li>● F026Z050030</li> <li>● F026Z050033</li> </ul>		
Honeycomb	Honeycomb Louvre	F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 2 Optic Medium Flood		F029Z020000		
- Converter Spine 2 Optic Flood		F029Z021000		
- Converter Spine 2 Optic Wide Flood		F029Z022000		
- Converter Spine 2 Optic Elliptic 1		F029Z023000		
- Converter Spine 2 Optic Elliptic 2		F029Z024000		
- Converter Spine 2 Optic Wall Washer		F029Z025000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		





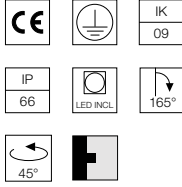
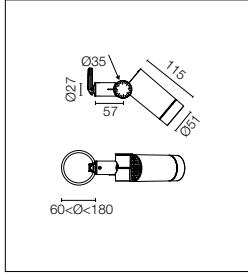


## Spine T



Für komplexe Lichtszenen und die Kombination mehrerer Strahler in einer einzigen Kolonne wurde ein spezielles Verbindungselement zur Stangenmontage entwickelt.

A special pole connection has been designed for product installation on poles to manage complex light scenes and mix multiple projectors in one single column.



Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02752BA001
- F02752BA006
- F02752BA012
- F02752BA018
- F02752BA030
- F02752BA033

**3000K**

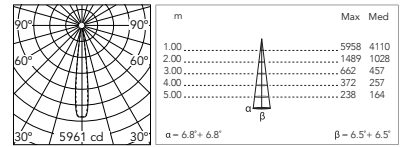
Non Dimmable

- F02753BA001
- F02753BA006
- F02753BA012
- F02753BA018
- F02753BA030
- F02753BA033

**4000K**

Non Dimmable

- F02754BA001
- F02754BA006
- F02754BA012
- F02754BA018
- F02754BA030
- F02754BA033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02752CA001
- F02752CA006
- F02752CA012
- F02752CA018
- F02752CA030
- F02752CA033

**3000K**

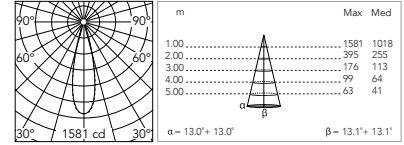
Non Dimmable

- F02753CA001
- F02753CA006
- F02753CA012
- F02753CA018
- F02753CA030
- F02753CA033

**4000K**

Non Dimmable

- F02754CA001
- F02754CA006
- F02754CA012
- F02754CA018
- F02754CA030
- F02754CA033



@ 3000K

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02752DA001
- F02752DA006
- F02752DA012
- F02752DA018
- F02752DA030
- F02752DA033

**3000K**

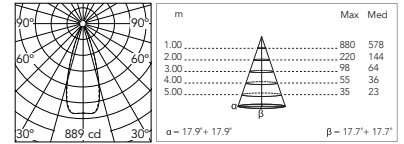
Non Dimmable

- F02753DA001
- F02753DA006
- F02753DA012
- F02753DA018
- F02753DA030
- F02753DA033

**4000K**

Non Dimmable

- F02754DA001
- F02754DA006
- F02754DA012
- F02754DA018
- F02754DA030
- F02754DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02752EA001
- F02752EA006
- F02752EA012
- F02752EA018
- F02752EA030
- F02752EA033

**3000K**

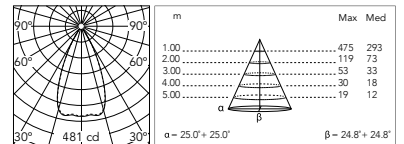
Non Dimmable

- F02753EA001
- F02753EA006
- F02753EA012
- F02753EA018
- F02753EA030
- F02753EA033

**4000K**

Non Dimmable

- F02754EA001
- F02754EA006
- F02754EA012
- F02754EA018
- F02754EA030
- F02754EA033



@ 3000K

# Spine T 0 Pro

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02752FA001
- F02752FA006
- F02752FA012
- F02752FA018
- F02752FA030
- F02752FA033

### 3000K

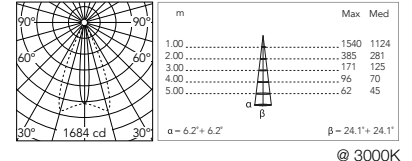
Non Dimmable

- F02753FA001
- F02753FA006
- F02753FA012
- F02753FA018
- F02753FA030
- F02753FA033

### 4000K

Non Dimmable

- F02754FA001
- F02754FA006
- F02754FA012
- F02754FA018
- F02754FA030
- F02754FA033



## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02752GA001
- F02752GA006
- F02752GA012
- F02752GA018
- F02752GA030
- F02752GA033

### 3000K

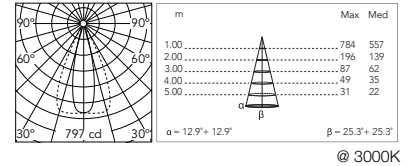
Non Dimmable

- F02753GA001
- F02753GA006
- F02753GA012
- F02753GA018
- F02753GA030
- F02753GA033

### 4000K

Non Dimmable

- F02754GA001
- F02754GA006
- F02754GA012
- F02754GA018
- F02754GA030
- F02754GA033



## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02752HA001
- F02752HA006
- F02752HA012
- F02752HA018
- F02752HA030
- F02752HA033

### 3000K

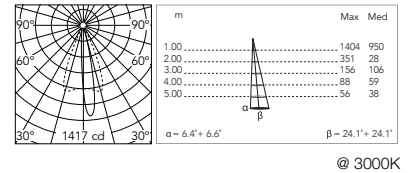
Non Dimmable

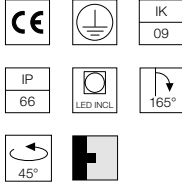
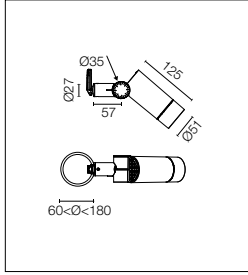
- F02753HA001
- F02753HA006
- F02753HA012
- F02753HA018
- F02753HA030
- F02753HA033

### 4000K

Non Dimmable

- F02754HA001
- F02754HA006
- F02754HA012
- F02754HA018
- F02754HA030
- F02754HA033





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

DALI dimmbare Version auf Anfrage erhältlich.

DALI dimmable version available on request.

**Optic Spot 14°**

**Power Led:** 5W - 481 lm ≠ FIXT 368 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 377 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 413 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02712BA001
- F02712BA006
- F02712BA012
- F02712BA018
- F02712BA030
- F02712BA033

**3000K**

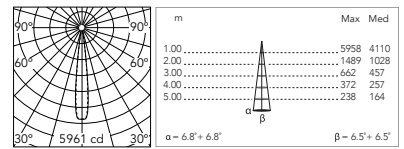
Non Dimmable

- F02713BA001
- F02713BA006
- F02713BA012
- F02713BA018
- F02713BA030
- F02713BA033

**4000K**

Non Dimmable

- F02714BA001
- F02714BA006
- F02714BA012
- F02714BA018
- F02714BA030
- F02714BA033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 5W - 481 lm ≠ FIXT 337 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 346 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 378 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02712CA001
- F02712CA006
- F02712CA012
- F02712CA018
- F02712CA030
- F02712CA033

**3000K**

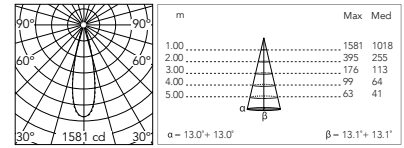
Non Dimmable

- F02713CA001
- F02713CA006
- F02713CA012
- F02713CA018
- F02713CA030
- F02713CA033

**4000K**

Non Dimmable

- F02714CA001
- F02714CA006
- F02714CA012
- F02714CA018
- F02714CA030
- F02714CA033



@ 3000K

**Optic Flood 36°**

**Power Led:** 5W - 481 lm ≠ FIXT 332 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 340 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 373 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02712DA001
- F02712DA006
- F02712DA012
- F02712DA018
- F02712DA030
- F02712DA033

**3000K**

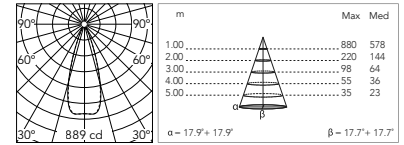
Non Dimmable

- F02713DA001
- F02713DA006
- F02713DA012
- F02713DA018
- F02713DA030
- F02713DA033

**4000K**

Non Dimmable

- F02714DA001
- F02714DA006
- F02714DA012
- F02714DA018
- F02714DA030
- F02714DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 5W - 481 lm ≠ FIXT 324 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 332 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 363 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02712EA001
- F02712EA006
- F02712EA012
- F02712EA018
- F02712EA030
- F02712EA033

**3000K**

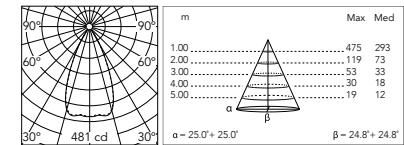
Non Dimmable

- F02713EA001
- F02713EA006
- F02713EA012
- F02713EA018
- F02713EA030
- F02713EA033

**4000K**

Non Dimmable

- F02714EA001
- F02714EA006
- F02714EA012
- F02714EA018
- F02714EA030
- F02714EA033



@ 3000K

# Spine T 0 Ultra

## Optic Elliptical 1 12° x 50°

**Power Led:** 5W - 481 lm ≠ FIXT 342 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 350 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 383 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02712FA001
- F02712FA006
- F02712FA012
- F02712FA018
- F02712FA030
- F02712FA033

### 3000K

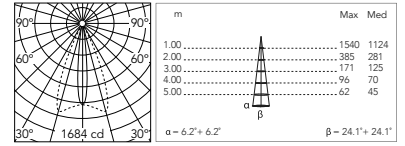
Non Dimmable

- F02713FA001
- F02713FA006
- F02713FA012
- F02713FA018
- F02713FA030
- F02713FA033

### 4000K

Non Dimmable

- F02714FA001
- F02714FA006
- F02714FA012
- F02714FA018
- F02714FA030
- F02714FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 5W - 481 lm ≠ FIXT 334 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 342 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 375 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02712GA001
- F02712GA006
- F02712GA012
- F02712GA018
- F02712GA030
- F02712GA033

### 3000K

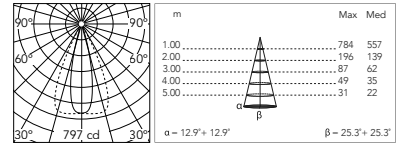
Non Dimmable

- F02713GA001
- F02713GA006
- F02713GA012
- F02713GA018
- F02713GA030
- F02713GA033

### 4000K

Non Dimmable

- F02714GA001
- F02714GA006
- F02714GA012
- F02714GA018
- F02714GA030
- F02714GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 5W - 481 lm ≠ FIXT 321 lm - 2700K/CRI 80 - 220-240V / 5W - 493 lm ≠ FIXT 329 lm - 3000K/CRI 80 - 220-240V / 5W - 540 lm ≠ FIXT 360 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02712HA001
- F02712HA006
- F02712HA012
- F02712HA018
- F02712HA030
- F02712HA033

### 3000K

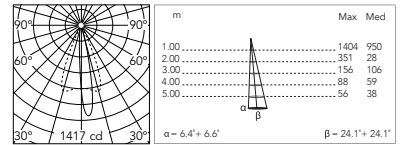
Non Dimmable

- F02713HA001
- F02713HA006
- F02713HA012
- F02713HA018
- F02713HA030
- F02713HA033

### 4000K

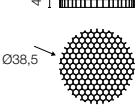
Non Dimmable

- F02714HA001
- F02714HA006
- F02714HA012
- F02714HA018
- F02714HA030
- F02714HA033



@ 3000K

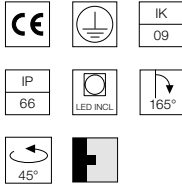
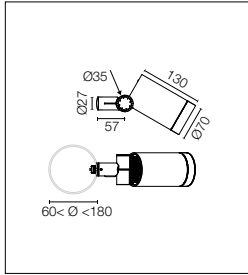
## Spine T 0 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F027Z050001</li> <li>● F027Z050006</li> <li>● F027Z050012</li> <li>● F027Z050018</li> <li>● F027Z050030</li> <li>● F027Z050033</li> </ul>	 
Honeycomb	Honeycomb Louvre	F027Z060000	 
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000	 
<b>Konverterlinse / Converter lenses:</b> <ul style="list-style-type: none"> <li>- Converter Spine 0 / Spine 1 Optic Medium Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Wide Flood</li> <li>- Converter Spine 0 / Spine 1 Optic Elliptic 1</li> <li>- Converter Spine 0 / Spine 1 Optic Elliptic 2</li> <li>- Converter Spine 0 / Spine 1 Optic Wall Washer</li> </ul>		<ul style="list-style-type: none"> <li>F029Z010000</li> <li>F029Z011000</li> <li>F029Z012000</li> <li>F029Z013000</li> <li>F029Z014000</li> <li>F029Z015000</li> </ul>	 
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000	 
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig. (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	 





# Spine T 1 Absolute



Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF. Integrated support for poles fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

## Optic Spot 15°

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02502BA001
- F02502BA006
- F02502BA012
- F02502BA018
- F02502BA030
- F02502BA033

### 3000K

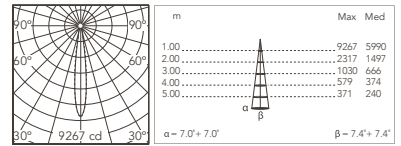
Non Dimmable

- F02503BA001
- F02503BA006
- F02503BA012
- F02503BA018
- F02503BA030
- F02503BA033

### 4000K

Non Dimmable

- F02504BA001
- F02504BA006
- F02504BA012
- F02504BA018
- F02504BA030
- F02504BA033



@ 3000K

## Optic Medium Flood 33°

**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02502CA001
- F02502CA006
- F02502CA012
- F02502CA018
- F02502CA030
- F02502CA033

### 3000K

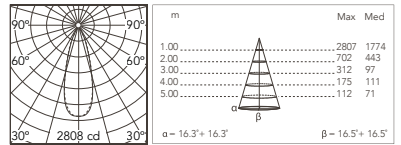
Non Dimmable

- F02503CA001
- F02503CA006
- F02503CA012
- F02503CA018
- F02503CA030
- F02503CA033

### 4000K

Non Dimmable

- F02504CA001
- F02504CA006
- F02504CA012
- F02504CA018
- F02504CA030
- F02504CA033



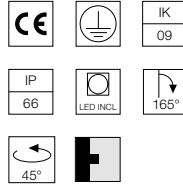
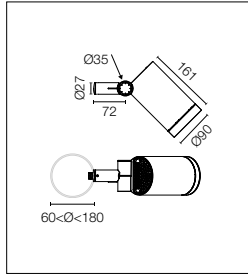
@ 3000K

## Spine T 1 / T 2 Absolute: Absolute: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	Spine T 1 F025Z060000		
Honeycomb	Honeycomb Louvre	Spine T 2 F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine T 1 F990C100000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	Spine T 2 F990C110000		

## Spine T 1 / T 2 Absolute: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		



Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Spot 22°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02602BA001.A
- F02602BA006.A
- F02602BA012.A
- F02602BA018.A
- F02602BA030.A
- F02602BA033.A
- 1-10V
- F02602BB001.A
- F02602BB006.A
- F02602BB012.A
- F02602BB018.A
- F02602BB030.A
- F02602BB033.A
- Dali
- F02602BD001.A
- F02602BD006.A
- F02602BD012.A
- F02602BD018.A
- F02602BD030.A
- F02602BD033.A

**3000K**

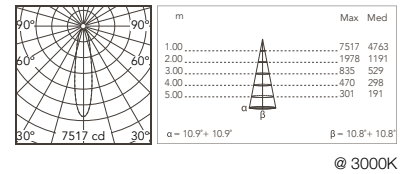
Non Dimmable

- F02603BA001
- F02603BA006
- F02603BA012
- F02603BA018
- F02603BA030
- F02603BA033
- 1-10V
- F02603BB001
- F02603BB006
- F02603BB012
- F02603BB018
- F02603BB030
- F02603BB033
- Dali
- F02603BD001
- F02603BD006
- F02603BD012
- F02603BD018
- F02603BD030
- F02603BD033

**4000K**

Non Dimmable

- F02604BA001.A
- F02604BA006.A
- F02604BA012.A
- F02604BA018.A
- F02604BA030.A
- F02604BA033.A
- 1-10V
- F02604BB001.A
- F02604BB006.A
- F02604BB012.A
- F02604BB018.A
- F02604BB030.A
- F02604BB033.A
- Dali
- F02604BD001.A
- F02604BD006.A
- F02604BD012.A
- F02604BD018.A
- F02604BD030.A
- F02604BD033.A



**Optic Medium Flood 43°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02602CA001.A
- F02602CA006.A
- F02602CA012.A
- F02602CA018.A
- F02602CA030.A
- F02602CA033.A
- 1-10V
- F02602CB001.A
- F02602CB006.A
- F02602CB012.A
- F02602CB018.A
- F02602CB030.A
- F02602CB033.A
- Dali
- F02602CD001.A
- F02602CD006.A
- F02602CD012.A
- F02602CD018.A
- F02602CD030.A
- F02602CD033.A

**3000K**

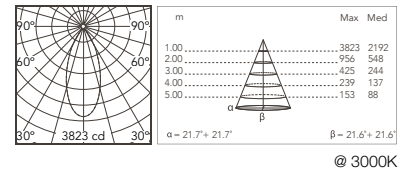
Non Dimmable

- F02603CA001
- F02603CA006
- F02603CA012
- F02603CA018
- F02603CA030
- F02603CA033
- 1-10V
- F02603CB001
- F02603CB006
- F02603CB012
- F02603CB018
- F02603CB030
- F02603CB033
- Dali
- F02603CD001
- F02603CD006
- F02603CD012
- F02603CD018
- F02603CD030
- F02603CD033

**4000K**

Non Dimmable

- F02604CA001.A
- F02604CA006.A
- F02604CA012.A
- F02604CA018.A
- F02604CA030.A
- F02604CA033.A
- 1-10V
- F02604CB001.A
- F02604CB006.A
- F02604CB012.A
- F02604CB018.A
- F02604CB030.A
- F02604CB033.A
- Dali
- F02604CD001.A
- F02604CD006.A
- F02604CD012.A
- F02604CD018.A
- F02604CD030.A
- F02604CD033.A



**Spine T 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions**

5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.

Connector kit 5-pole flying socket + EU plug IP68.

F990C080000

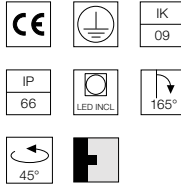
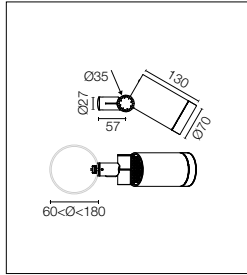


4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).

4 way junction box 5 poles IP68 (6-14 mm cables).

F990C030000





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552AA001
- F02552AA006
- F02552AA012
- F02552AA018
- F02552AA030
- F02552AA033

**3000K**

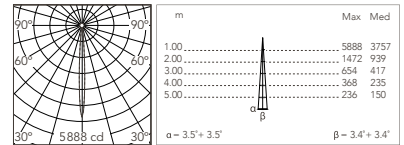
Non Dimmable

- F02553AA001
- F02553AA006
- F02553AA012
- F02553AA018
- F02553AA030
- F02553AA033

**4000K**

Non Dimmable

- F02554AA001
- F02554AA006
- F02554AA012
- F02554AA018
- F02554AA030
- F02554AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552BA001
- F02552BA006
- F02552BA012
- F02552BA018
- F02552BA030
- F02552BA033

**3000K**

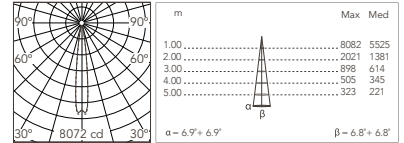
Non Dimmable

- F02553BA001
- F02553BA006
- F02553BA012
- F02553BA018
- F02553BA030
- F02553BA033

**4000K**

Non Dimmable

- F02554BA001
- F02554BA006
- F02554BA012
- F02554BA018
- F02554BA030
- F02554BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552CA001
- F02552CA006
- F02552CA012
- F02552CA018
- F02552CA030
- F02552CA033

**3000K**

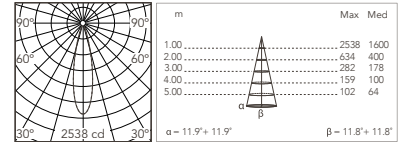
Non Dimmable

- F02553CA001
- F02553CA006
- F02553CA012
- F02553CA018
- F02553CA030
- F02553CA033

**4000K**

Non Dimmable

- F02554CA001
- F02554CA006
- F02554CA012
- F02554CA018
- F02554CA030
- F02554CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552DA001
- F02552DA006
- F02552DA012
- F02552DA018
- F02552DA030
- F02552DA033

**3000K**

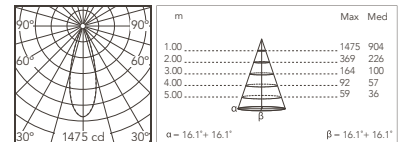
Non Dimmable

- F02553DA001
- F02553DA006
- F02553DA012
- F02553DA018
- F02553DA030
- F02553DA033

**4000K**

Non Dimmable

- F02554DA001
- F02554DA006
- F02554DA012
- F02554DA018
- F02554DA030
- F02554DA033



@ 3000K

**Optic Wide Flood 49°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552EA001
- F02552EA006
- F02552EA012
- F02552EA018
- F02552EA030
- F02552EA033

**3000K**

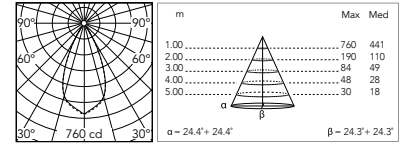
Non Dimmable

- F02553EA001
- F02553EA006
- F02553EA012
- F02553EA018
- F02553EA030
- F02553EA033

**4000K**

Non Dimmable

- F02554EA001
- F02554EA006
- F02554EA012
- F02554EA018
- F02554EA030
- F02554EA033



@ 3000K

**Optic Elliptical 1 13,5° x 50°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552FA001
- F02552FA006
- F02552FA012
- F02552FA018
- F02552FA030
- F02552FA033

**3000K**

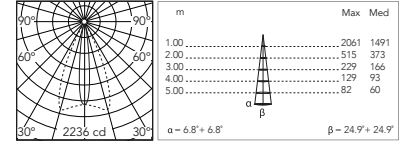
Non Dimmable

- F02553FA001
- F02553FA006
- F02553FA012
- F02553FA018
- F02553FA030
- F02553FA033

**4000K**

Non Dimmable

- F02554FA001
- F02554FA006
- F02554FA012
- F02554FA018
- F02554FA030
- F02554FA033



@ 3000K

**Optic Elliptical 2 26° x 51°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552GA001
- F02552GA006
- F02552GA012
- F02552GA018
- F02552GA030
- F02552GA033

**3000K**

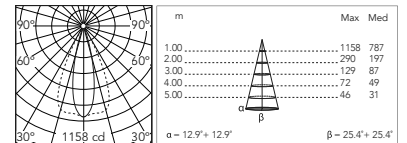
Non Dimmable

- F02553GA001
- F02553GA006
- F02553GA012
- F02553GA018
- F02553GA030
- F02553GA033

**4000K**

Non Dimmable

- F02554GA001
- F02554GA006
- F02554GA012
- F02554GA018
- F02554GA030
- F02554GA033



@ 3000K

**Optic Wall Washer**

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02552HA001
- F02552HA006
- F02552HA012
- F02552HA018
- F02552HA030
- F02552HA033

**3000K**

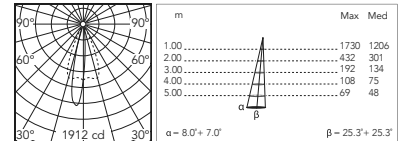
Non Dimmable

- F02553HA001
- F02553HA006
- F02553HA012
- F02553HA018
- F02553HA030
- F02553HA033

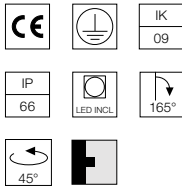
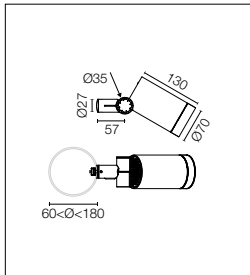
**4000K**

Non Dimmable

- F02554HA001
- F02554HA006
- F02554HA012
- F02554HA018
- F02554HA030
- F02554HA033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02562BA001
- F02562BA006
- F02562BA012
- F02562BA018
- F02562BA030
- F02562BA033

**3000K**

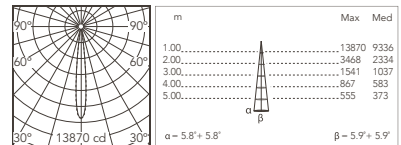
Non Dimmable

- F02563BA001
- F02563BA006
- F02563BA012
- F02563BA018
- F02563BA030
- F02563BA033

**4000K**

Non Dimmable

- F02564BA001
- F02564BA006
- F02564BA012
- F02564BA018
- F02564BA030
- F02564BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02562CA001
- F02562CA006
- F02562CA012
- F02562CA018
- F02562CA030
- F02562CA033

**3000K**

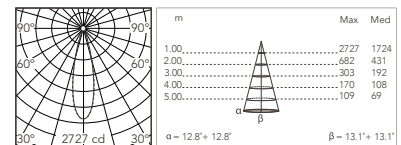
Non Dimmable

- F02563CA001
- F02563CA006
- F02563CA012
- F02563CA018
- F02563CA030
- F02563CA033

**4000K**

Non Dimmable

- F02564CA001
- F02564CA006
- F02564CA012
- F02564CA018
- F02564CA030
- F02564CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02562DA001
- F02562DA006
- F02562DA012
- F02562DA018
- F02562DA030
- F02562DA033

**3000K**

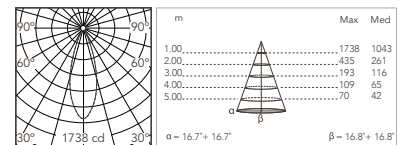
Non Dimmable

- F02563DA001
- F02563DA006
- F02563DA012
- F02563DA018
- F02563DA030
- F02563DA033

**4000K**

Non Dimmable

- F02564DA001
- F02564DA006
- F02564DA012
- F02564DA018
- F02564DA030
- F02564DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02562EA001
- F02562EA006
- F02562EA012
- F02562EA018
- F02562EA030
- F02562EA033

**3000K**

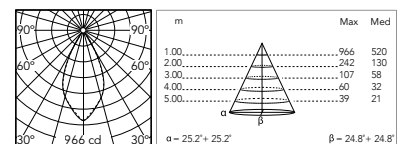
Non Dimmable

- F02563EA001
- F02563EA006
- F02563EA012
- F02563EA018
- F02563EA030
- F02563EA033

**4000K**

Non Dimmable

- F02564EA001
- F02564EA006
- F02564EA012
- F02564EA018
- F02564EA030
- F02564EA033



@ 3000K

## Spine T 1 Pro Hp

### Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02562FA001
- F02562FA006
- F02562FA012
- F02562FA018
- F02562FA030
- F02562FA033

#### 3000K

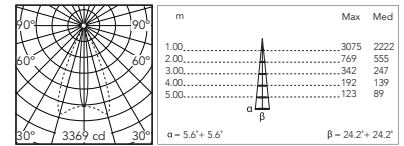
Non Dimmable

- F02563FA001
- F02563FA006
- F02563FA012
- F02563FA018
- F02563FA030
- F02563FA033

#### 4000K

Non Dimmable

- F02564FA001
- F02564FA006
- F02564FA012
- F02564FA018
- F02564FA030
- F02564FA033



@ 3000K

### Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02562GA001
- F02562GA006
- F02562GA012
- F02562GA018
- F02562GA030
- F02562GA033

#### 3000K

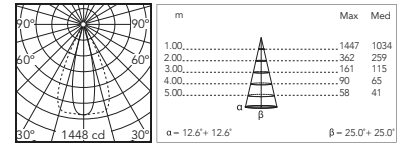
Non Dimmable

- F02563GA001
- F02563GA006
- F02563GA012
- F02563GA018
- F02563GA030
- F02563GA033

#### 4000K

Non Dimmable

- F02564GA001
- F02564GA006
- F02564GA012
- F02564GA018
- F02564GA030
- F02564GA033



@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02562HA001
- F02562HA006
- F02562HA012
- F02562HA018
- F02562HA030
- F02562HA033

#### 3000K

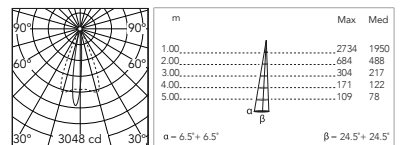
Non Dimmable

- F02563HA001
- F02563HA006
- F02563HA012
- F02563HA018
- F02563HA030
- F02563HA033

#### 4000K

Non Dimmable

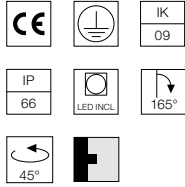
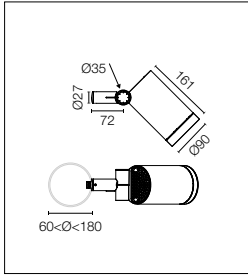
- F02564HA001
- F02564HA006
- F02564HA012
- F02564HA018
- F02564HA030
- F02564HA033



@ 3000K

## Spine T 1 Pro: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	F025Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000		
Konverterlinse / Converter lenses:				
- Converter Spine 0 / Spine 1 Optic Medium Flood		F029Z010000		
- Converter Spine 0 / Spine 1 Optic Flood		F029Z011000		
- Converter Spine 0 / Spine 1 Optic Wide Flood		F029Z012000		
- Converter Spine 0 / Spine 1 Optic Elliptic 1		F029Z013000		
- Converter Spine 0 / Spine 1 Optic Elliptic 2		F029Z014000		
- Converter Spine 0 / Spine 1 Optic Wall Washer		F029Z015000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		



Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02652AA001
- F02652AA006
- F02652AA012
- F02652AA018
- F02652AA030
- F02652AA033
- 1-10V
- F02652AB001
- F02652AB006
- F02652AB012
- F02652AB018
- F02652AB030
- F02652AB033
- Dali
- F02652AD001
- F02652AD006
- F02652AD012
- F02652AD018
- F02652AD030
- F02652AD033

**3000K**

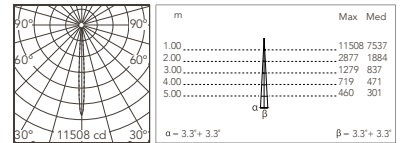
Non Dimmable

- F02653AA001
- F02653AA006
- F02653AA012
- F02653AA018
- F02653AA030
- F02653AA033
- 1-10V
- F02653AB001
- F02653AB006
- F02653AB012
- F02653AB018
- F02653AB030
- F02653AB033
- Dali
- F02653AD001
- F02653AD006
- F02653AD012
- F02653AD018
- F02653AD030
- F02653AD033

**4000K**

Non Dimmable

- F02654AA001
- F02654AA006
- F02654AA012
- F02654AA018
- F02654AA030
- F02654AA033
- 1-10V
- F02654AB001
- F02654AB006
- F02654AB012
- F02654AB018
- F02654AB030
- F02654AB033
- Dali
- F02654AD001
- F02654AD006
- F02654AD012
- F02654AD018
- F02654AD030
- F02654AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02652BA001
- F02652BA006
- F02652BA012
- F02652BA018
- F02652BA030
- F02652BA033
- 1-10V
- F02652BB001
- F02652BB006
- F02652BB012
- F02652BB018
- F02652BB030
- F02652BB033
- Dali
- F02652BD001
- F02652BD006
- F02652BD012
- F02652BD018
- F02652BD030
- F02652BD033

**3000K**

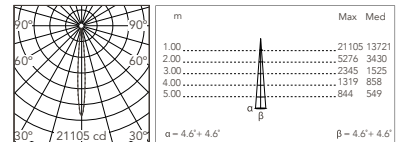
Non Dimmable

- F02653BA001
- F02653BA006
- F02653BA012
- F02653BA018
- F02653BA030
- F02653BA033
- 1-10V
- F02653BB001
- F02653BB006
- F02653BB012
- F02653BB018
- F02653BB030
- F02653BB033
- Dali
- F02653BD001
- F02653BD006
- F02653BD012
- F02653BD018
- F02653BD030
- F02653BD033

**4000K**

Non Dimmable

- F02654BA001
- F02654BA006
- F02654BA012
- F02654BA018
- F02654BA030
- F02654BA033
- 1-10V
- F02654BB001
- F02654BB006
- F02654BB012
- F02654BB018
- F02654BB030
- F02654BB033
- Dali
- F02654BD001
- F02654BD006
- F02654BD012
- F02654BD018
- F02654BD030
- F02654BD033



@ 3000K



**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02652CA001
- F02652CA006
- F02652CA012
- F02652CA018
- F02652CA030
- F02652CA033
- 1-10V
- F02652CB001
- F02652CB006
- F02652CB012
- F02652CB018
- F02652CB030
- F02652CB033
- Dali
- F02652CD001
- F02652CD006
- F02652CD012
- F02652CD018
- F02652CD030
- F02652CD033

**3000K**

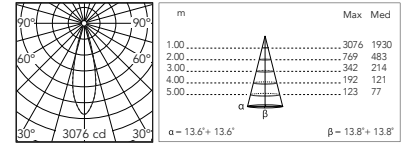
Non Dimmable

- F02653CA001
- F02653CA006
- F02653CA012
- F02653CA018
- F02653CA030
- F02653CA033
- 1-10V
- F02653CB001
- F02653CB006
- F02653CB012
- F02653CB018
- F02653CB030
- F02653CB033
- Dali
- F02653CD001
- F02653CD006
- F02653CD012
- F02653CD018
- F02653CD030
- F02653CD033

**4000K**

Non Dimmable

- F02654CA001
- F02654CA006
- F02654CA012
- F02654CA018
- F02654CA030
- F02654CA033
- 1-10V
- F02654CB001
- F02654CB006
- F02654CB012
- F02654CB018
- F02654CB030
- F02654CB033
- Dali
- F02654CD001
- F02654CD006
- F02654CD012
- F02654CD018
- F02654CD030
- F02654CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02652DA001
- F02652DA006
- F02652DA012
- F02652DA018
- F02652DA030
- F02652DA033
- 1-10V
- F02652DB001
- F02652DB006
- F02652DB012
- F02652DB018
- F02652DB030
- F02652DB033
- Dali
- F02652DD001
- F02652DD006
- F02652DD012
- F02652DD018
- F02652DD030
- F02652DD033

**3000K**

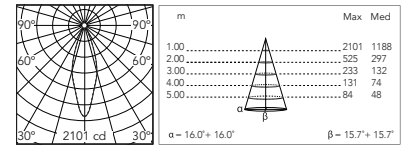
Non Dimmable

- F02653DA001
- F02653DA006
- F02653DA012
- F02653DA018
- F02653DA030
- F02653DA033
- 1-10V
- F02653DB001
- F02653DB006
- F02653DB012
- F02653DB018
- F02653DB030
- F02653DB033
- Dali
- F02653DD001
- F02653DD006
- F02653DD012
- F02653DD018
- F02653DD030
- F02653DD033

**4000K**

Non Dimmable

- F02654DA001
- F02654DA006
- F02654DA012
- F02654DA018
- F02654DA030
- F02654DA033
- 1-10V
- F02654DB001
- F02654DB006
- F02654DB012
- F02654DB018
- F02654DB030
- F02654DB033
- Dali
- F02654DD001
- F02654DD006
- F02654DD012
- F02654DD018
- F02654DD030
- F02654DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02652EA001
- F02652EA006
- F02652EA012
- F02652EA018
- F02652EA030
- F02652EA033
- 1-10V
- F02652EB001
- F02652EB006
- F02652EB012
- F02652EB018
- F02652EB030
- F02652EB033
- Dali
- F02652ED001
- F02652ED006
- F02652ED012
- F02652ED018
- F02652ED030
- F02652ED033

**3000K**

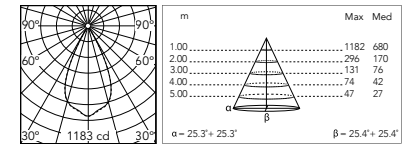
Non Dimmable

- F02653EA001
- F02653EA006
- F02653EA012
- F02653EA018
- F02653EA030
- F02653EA033
- 1-10V
- F02653EB001
- F02653EB006
- F02653EB012
- F02653EB018
- F02653EB030
- F02653EB033
- Dali
- F02653ED001
- F02653ED006
- F02653ED012
- F02653ED018
- F02653ED030
- F02653ED033

**4000K**

Non Dimmable

- F02654EA001
- F02654EA006
- F02654EA012
- F02654EA018
- F02654EA030
- F02654EA033
- 1-10V
- F02654EB001
- F02654EB006
- F02654EB012
- F02654EB018
- F02654EB030
- F02654EB033
- Dali
- F02654ED001
- F02654ED006
- F02654ED012
- F02654ED018
- F02654ED030
- F02654ED033



@ 3000K

# Spine T 2 Pro

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02652FA001
- F02652FA006
- F02652FA012
- F02652FA018
- F02652FA030
- F02652FA033
- 1-10V
- F02652FB001
- F02652FB006
- F02652FB012
- F02652FB018
- F02652FB030
- F02652FB033
- Dali
- F02652FD001
- F02652FD006
- F02652FD012
- F02652FD018
- F02652FD030
- F02652FD033

### 3000K

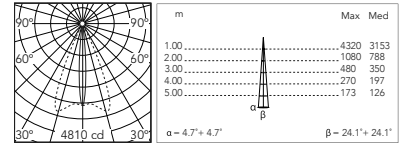
Non Dimmable

- F02653FA001
- F02653FA006
- F02653FA012
- F02653FA018
- F02653FA030
- F02653FA033
- 1-10V
- F02653FB001
- F02653FB006
- F02653FB012
- F02653FB018
- F02653FB030
- F02653FB033
- Dali
- F02653FD001
- F02653FD006
- F02653FD012
- F02653FD018
- F02653FD030
- F02653FD033

### 4000K

Non Dimmable

- F02654FA001
- F02654FA006
- F02654FA012
- F02654FA018
- F02654FA030
- F02654FA033
- 1-10V
- F02654FB001
- F02654FB006
- F02654FB012
- F02654FB018
- F02654FB030
- F02654FB033
- Dali
- F02654FD001
- F02654FD006
- F02654FD012
- F02654FD018
- F02654FD030
- F02654FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02652GA001
- F02652GA006
- F02652GA012
- F02652GA018
- F02652GA030
- F02652GA033
- 1-10V
- F02652GB001
- F02652GB006
- F02652GB012
- F02652GB018
- F02652GB030
- F02652GB033
- Dali
- F02652GD001
- F02652GD006
- F02652GD012
- F02652GD018
- F02652GD030
- F02652GD033

### 3000K

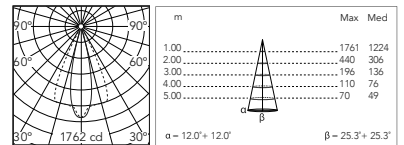
Non Dimmable

- F02653GA001
- F02653GA006
- F02653GA012
- F02653GA018
- F02653GA030
- F02653GA033
- 1-10V
- F02653GB001
- F02653GB006
- F02653GB012
- F02653GB018
- F02653GB030
- F02653GB033
- Dali
- F02653GD001
- F02653GD006
- F02653GD012
- F02653GD018
- F02653GD030
- F02653GD033

### 4000K

Non Dimmable

- F02654GA001
- F02654GA006
- F02654GA012
- F02654GA018
- F02654GA030
- F02654GA033
- 1-10V
- F02654GB001
- F02654GB006
- F02654GB012
- F02654GB018
- F02654GB030
- F02654GB033
- Dali
- F02654GD001
- F02654GD006
- F02654GD012
- F02654GD018
- F02654GD030
- F02654GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02652HA001
- F02652HA006
- F02652HA012
- F02652HA018
- F02652HA030
- F02652HA033
- 1-10V
- F02652HB001
- F02652HB006
- F02652HB012
- F02652HB018
- F02652HB030
- F02652HB033
- Dali
- F02652HD001
- F02652HD006
- F02652HD012
- F02652HD018
- F02652HD030
- F02652HD033

### 3000K

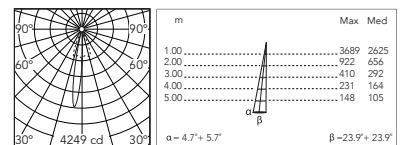
Non Dimmable

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- F02653HA006
- F02653HA012
- F02653HA018
- F02653HA030
- F02653HA033
- 1-10V
- F02653HB001
- F02653HB006
- F02653HB012
- F02653HB018
- F02653HB030
- F02653HB033
- Dali
- F02653HD001
- F02653HD006
- F02653HD012
- F02653HD018
- F02653HD030
- F02653HD033

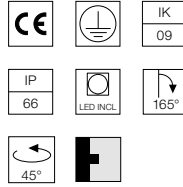
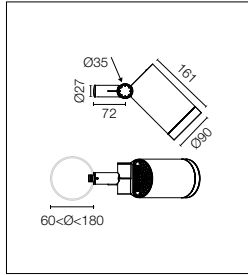
### 4000K

Non Dimmable

- F02654HA001
- F02654HA006
- F02654HA012
- F02654HA018
- F02654HA030
- F02654HA033
- 1-10V
- F02654HB001
- F02654HB006
- F02654HB012
- F02654HB018
- F02654HB030
- F02654HB033
- Dali
- F02654HD001
- F02654HD006
- F02654HD012
- F02654HD018
- F02654HD030
- F02654HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02662BA001
- F02662BA006
- F02662BA012
- F02662BA018
- F02662BA030
- F02662BA033
- 1-10V
- F02662BB001
- F02662BB006
- F02662BB012
- F02662BB018
- F02662BB030
- F02662BB033
- Dali
- F02662BD001
- F02662BD006
- F02662BD012
- F02662BD018
- F02662BD030
- F02662BD033

**3000K**

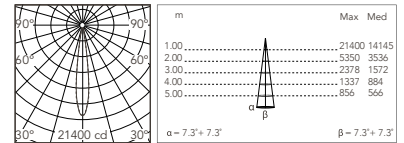
Non Dimmable

- F02663BA001
- F02663BA006
- F02663BA012
- F02663BA018
- F02663BA030
- F02663BA033
- 1-10V
- F02663BB001
- F02663BB006
- F02663BB012
- F02663BB018
- F02663BB030
- F02663BB033
- Dali
- F02663BD001
- F02663BD006
- F02663BD012
- F02663BD018
- F02663BD030
- F02663BD033

**4000K**

Non Dimmable

- F02664BA001
- F02664BA006
- F02664BA012
- F02664BA018
- F02664BA030
- F02664BA033
- 1-10V
- F02664BB001
- F02664BB006
- F02664BB012
- F02664BB018
- F02664BB030
- F02664BB033
- Dali
- F02664BD001
- F02664BD006
- F02664BD012
- F02664BD018
- F02664BD030
- F02664BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02662CA001
- F02662CA006
- F02662CA012
- F02662CA018
- F02662CA030
- F02662CA033
- 1-10V
- F02662CB001
- F02662CB006
- F02662CB012
- F02662CB018
- F02662CB030
- F02662CB033
- Dali
- F02662CD001
- F02662CD006
- F02662CD012
- F02662CD018
- F02662CD030
- F02662CD033

**3000K**

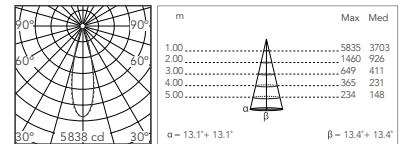
Non Dimmable

- F02663CA001
- F02663CA006
- F02663CA012
- F02663CA018
- F02663CA030
- F02663CA033
- 1-10V
- F02663CB001
- F02663CB006
- F02663CB012
- F02663CB018
- F02663CB030
- F02663CB033
- Dali
- F02663CD001
- F02663CD006
- F02663CD012
- F02663CD018
- F02663CD030
- F02663CD033

**4000K**

Non Dimmable

- F02664CA001
- F02664CA006
- F02664CA012
- F02664CA018
- F02664CA030
- F02664CA033
- 1-10V
- F02664CB001
- F02664CB006
- F02664CB012
- F02664CB018
- F02664CB030
- F02664CB033
- Dali
- F02664CD001
- F02664CD006
- F02664CD012
- F02664CD018
- F02664CD030
- F02664CD033



@ 3000K

## Spine T 2 Pro Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02662DA001
- F02662DA006
- F02662DA012
- F02662DA018
- F02662DA030
- F02662DA033
- 1-10V
- F02662DB001
- F02662DB006
- F02662DB012
- F02662DB018
- F02662DB030
- F02662DB033
- Dali
- F02662DD001
- F02662DD006
- F02662DD012
- F02662DD018
- F02662DD030
- F02662DD033

#### 3000K

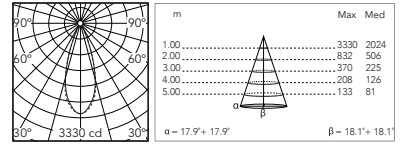
Non Dimmable

- F02663DA001
- F02663DA006
- F02663DA012
- F02663DA018
- F02663DA030
- F02663DA033
- 1-10V
- F02663DB001
- F02663DB006
- F02663DB012
- F02663DB018
- F02663DB030
- F02663DB033
- Dali
- F02663DD001
- F02663DD006
- F02663DD012
- F02663DD018
- F02663DD030
- F02663DD033

#### 4000K

Non Dimmable

- F02664DA001
- F02664DA006
- F02664DA012
- F02664DA018
- F02664DA030
- F02664DA033
- 1-10V
- F02664DB001
- F02664DB006
- F02664DB012
- F02664DB018
- F02664DB030
- F02664DB033
- Dali
- F02664DD001
- F02664DD006
- F02664DD012
- F02664DD018
- F02664DD030
- F02664DD033



@ 3000K

### Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02662EA001
- F02662EA006
- F02662EA012
- F02662EA018
- F02662EA030
- F02662EA033
- 1-10V
- F02662EB001
- F02662EB006
- F02662EB012
- F02662EB018
- F02662EB030
- F02662EB033
- Dali
- F02662ED001
- F02662ED006
- F02662ED012
- F02662ED018
- F02662ED030
- F02662ED033

#### 3000K

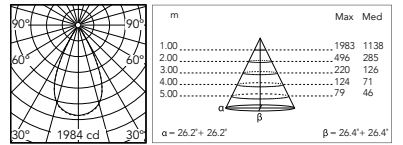
Non Dimmable

- F02663EA001
- F02663EA006
- F02663EA012
- F02663EA018
- F02663EA030
- F02663EA033
- 1-10V
- F02663EB001
- F02663EB006
- F02663EB012
- F02663EB018
- F02663EB030
- F02663EB033
- Dali
- F02663ED001
- F02663ED006
- F02663ED012
- F02663ED018
- F02663ED030
- F02663ED033

#### 4000K

Non Dimmable

- F02664EA001
- F02664EA006
- F02664EA012
- F02664EA018
- F02664EA030
- F02664EA033
- 1-10V
- F02664EB001
- F02664EB006
- F02664EB012
- F02664EB018
- F02664EB030
- F02664EB033
- Dali
- F02664ED001
- F02664ED006
- F02664ED012
- F02664ED018
- F02664ED030
- F02664ED033



@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

#### 2700K

Non Dimmable

- F02662FA001
- F02662FA006
- F02662FA012
- F02662FA018
- F02662FA030
- F02662FA033
- 1-10V
- F02662FB001
- F02662FB006
- F02662FB012
- F02662FB018
- F02662FB030
- F02662FB033
- Dali
- F02662FD001
- F02662FD006
- F02662FD012
- F02662FD018
- F02662FD030
- F02662FD033

#### 3000K

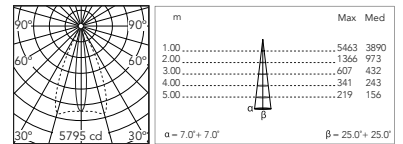
Non Dimmable

- F02663FA001
- F02663FA006
- F02663FA012
- F02663FA018
- F02663FA030
- F02663FA033
- 1-10V
- F02663FB001
- F02663FB006
- F02663FB012
- F02663FB018
- F02663FB030
- F02663FB033
- Dali
- F02663FD001
- F02663FD006
- F02663FD012
- F02663FD018
- F02663FD030
- F02663FD033

#### 4000K

Non Dimmable

- F02664FA001
- F02664FA006
- F02664FA012
- F02664FA018
- F02664FA030
- F02664FA033
- 1-10V
- F02664FB001
- F02664FB006
- F02664FB012
- F02664FB018
- F02664FB030
- F02664FB033
- Dali
- F02664FD001
- F02664FD006
- F02664FD012
- F02664FD018
- F02664FD030
- F02664FD033



@ 3000K

# Spine T 2 Pro Hp

## Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02662GA001
- F02662GA006
- F02662GA012
- F02662GA018
- F02662GA030
- F02662GA033

1-10V

- F02662GB001
- F02662GB006
- F02662GB012
- F02662GB018
- F02662GB030
- F02662GB033

Dali

- F02662GD001
- F02662GD006
- F02662GD012
- F02662GD018
- F02662GD030
- F02662GD033

### 3000K

Non Dimmable

- F02663GA001
- F02663GA006
- F02663GA012
- F02663GA018
- F02663GA030
- F02663GA033

1-10V

- F02663GB001
- F02663GB006
- F02663GB012
- F02663GB018
- F02663GB030
- F02663GB033

Dali

- F02663GD001
- F02663GD006
- F02663GD012
- F02663GD018
- F02663GD030
- F02663GD033

### 4000K

Non Dimmable

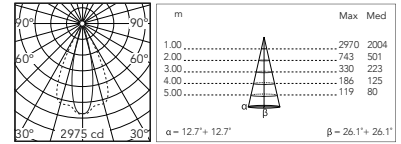
- F02664GA001
- F02664GA006
- F02664GA012
- F02664GA018
- F02664GA030
- F02664GA033

1-10V

- F02664GB001
- F02664GB006
- F02664GB012
- F02664GB018
- F02664GB030
- F02664GB033

Dali

- F02664GD001
- F02664GD006
- F02664GD012
- F02664GD018
- F02664GD030
- F02664GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02662HA001
- F02662HA006
- F02662HA012
- F02662HA018
- F02662HA030
- F02662HA033

1-10V

- F02662HB001
- F02662HB006
- F02662HB012
- F02662HB018
- F02662HB030
- F02662HB033

Dali

- F02662HD001
- F02662HD006
- F02662HD012
- F02662HD018
- F02662HD030
- F02662HD033

### 3000K

Non Dimmable

- F02663HA001
- F02663HA006
- F02663HA012
- F02663HA018
- F02663HA030
- F02663HA033

1-10V

- F02663HB001
- F02663HB006
- F02663HB012
- F02663HB018
- F02663HB030
- F02663HB033

Dali

- F02663HD001
- F02663HD006
- F02663HD012
- F02663HD018
- F02663HD030
- F02663HD033

### 4000K

Non Dimmable

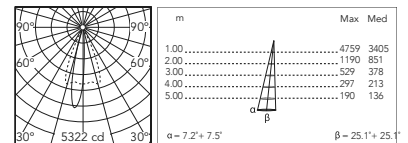
- F02664HA001
- F02664HA006
- F02664HA012
- F02664HA018
- F02664HA030
- F02664HA033

1-10V

- F02664HB001
- F02664HB006
- F02664HB012
- F02664HB018
- F02664HB030
- F02664HB033


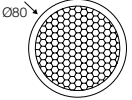

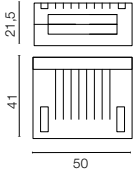

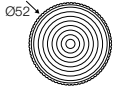

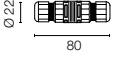

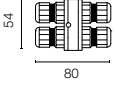



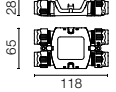
Dali

- F02664HD001
- F02664HD006
- F02664HD012
- F02664HD018
- F02664HD030
- F02664HD033

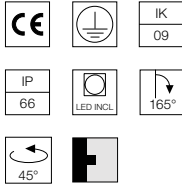
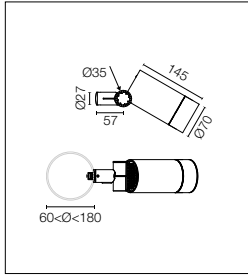


@ 3000K

## Spine T 2 Pro: Zubehörteile / Accessories

Honeycomb	Honeycomb Louvre	F026Z060000		
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000		
<b>Konverterlinse / Converter lenses:</b>				
- Converter Spine 2 Optic Medium Flood		F029Z020000		
- Converter Spine 2 Optic Flood		F029Z021000		
- Converter Spine 2 Optic Wide Flood		F029Z022000		
- Converter Spine 2 Optic Elliptic 1		F029Z023000		
- Converter Spine 2 Optic Elliptic 2		F029Z024000		
- Converter Spine 2 Optic Wall Washer		F029Z025000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		





Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam angle. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

**2700K**

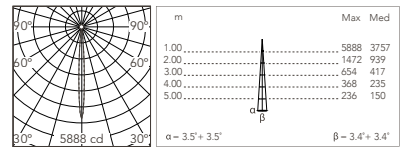
- Non Dimmable
- F02512AA001
- F02512AA006
- F02512AA012
- F02512AA018
- F02512AA030
- F02512AA033

**3000K**

- Non Dimmable
- F02513AA001
- F02513AA006
- F02513AA012
- F02513AA018
- F02513AA030
- F02513AA033

**4000K**

- Non Dimmable
- F02514AA001
- F02514AA006
- F02514AA012
- F02514AA018
- F02514AA030
- F02514AA033



@ 3000K

**Optic Spot 14°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

**2700K**

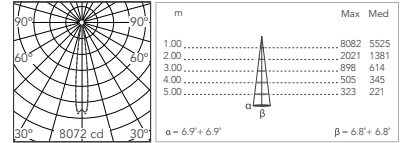
- Non Dimmable
- F02512BA001
- F02512BA006
- F02512BA012
- F02512BA018
- F02512BA030
- F02512BA033

**3000K**

- Non Dimmable
- F02513BA001
- F02513BA006
- F02513BA012
- F02513BA018
- F02513BA030
- F02513BA033

**4000K**

- Non Dimmable
- F02514BA001
- F02514BA006
- F02514BA012
- F02514BA018
- F02514BA030
- F02514BA033



@ 3000K

**Optic Medium Flood 24,5°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

**2700K**

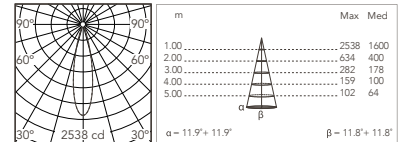
- Non Dimmable
- F02512CA001
- F02512CA006
- F02512CA012
- F02512CA018
- F02512CA030
- F02512CA033

**3000K**

- Non Dimmable
- F02513CA001
- F02513CA006
- F02513CA012
- F02513CA018
- F02513CA030
- F02513CA033

**4000K**

- Non Dimmable
- F02514CA001
- F02514CA006
- F02514CA012
- F02514CA018
- F02514CA030
- F02514CA033



@ 3000K

**Optic Flood 32°**

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

**2700K**

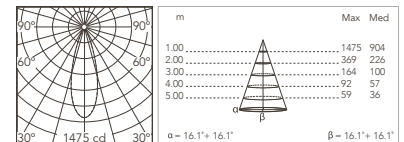
- Non Dimmable
- F02512DA001
- F02512DA006
- F02512DA012
- F02512DA018
- F02512DA030
- F02512DA033

**3000K**

- Non Dimmable
- F02513DA001
- F02513DA006
- F02513DA012
- F02513DA018
- F02513DA030
- F02513DA033

**4000K**

- Non Dimmable
- F02514DA001
- F02514DA006
- F02514DA012
- F02514DA018
- F02514DA030
- F02514DA033



@ 3000K



# Spine T 1 Ultra

## Optic Wide Flood 49°

**Power Led:** 7,9W - 671 lm ≠ FIXT 480 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 505 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02512EA001
- F02512EA006
- F02512EA012
- F02512EA018
- F02512EA030
- F02512EA033

### 3000K

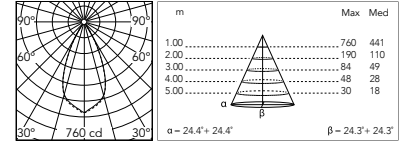
Non Dimmable

- F02513EA001
- F02513EA006
- F02513EA012
- F02513EA018
- F02513EA030
- F02513EA033

### 4000K

Non Dimmable

- F02514EA001
- F02514EA006
- F02514EA012
- F02514EA018
- F02514EA030
- F02514EA033



@ 3000K

## Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02512FA001
- F02512FA006
- F02512FA012
- F02512FA018
- F02512FA030
- F02512FA033

### 3000K

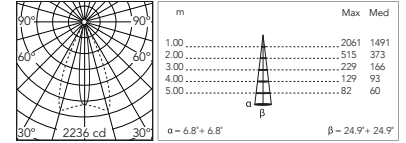
Non Dimmable

- F02513FA001
- F02513FA006
- F02513FA012
- F02513FA018
- F02513FA030
- F02513FA033

### 4000K

Non Dimmable

- F02514FA001
- F02514FA006
- F02514FA012
- F02514FA018
- F02514FA030
- F02514FA033



@ 3000K

## Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02512GA001
- F02512GA006
- F02512GA012
- F02512GA018
- F02512GA030
- F02512GA033

### 3000K

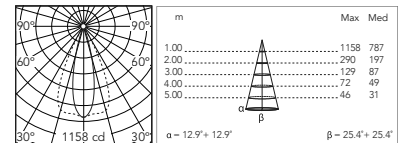
Non Dimmable

- F02513GA001
- F02513GA006
- F02513GA012
- F02513GA018
- F02513GA030
- F02513GA033

### 4000K

Non Dimmable

- F02514GA001
- F02514GA006
- F02514GA012
- F02514GA018
- F02514GA030
- F02514GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02512HA001
- F02512HA006
- F02512HA012
- F02512HA018
- F02512HA030
- F02512HA033

### 3000K

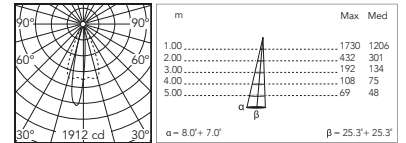
Non Dimmable

- F02513HA001
- F02513HA006
- F02513HA012
- F02513HA018
- F02513HA030
- F02513HA033

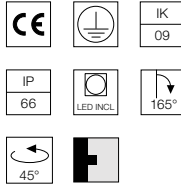
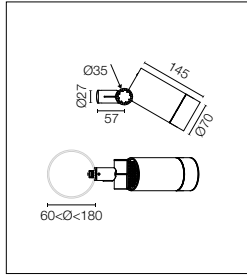
### 4000K

Non Dimmable

- F02514HA001
- F02514HA006
- F02514HA012
- F02514HA018
- F02514HA030
- F02514HA033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 12°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02522BA001
- F02522BA006
- F02522BA012
- F02522BA018
- F02522BA030
- F02522BA033

**3000K**

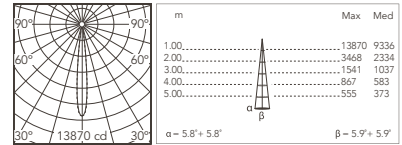
Non Dimmable

- F02523BA001
- F02523BA006
- F02523BA012
- F02523BA018
- F02523BA030
- F02523BA033

**4000K**

Non Dimmable

- F02524BA001
- F02524BA006
- F02524BA012
- F02524BA018
- F02524BA030
- F02524BA033



@ 3000K

**Optic Medium Flood 26,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02522CA001
- F02522CA006
- F02522CA012
- F02522CA018
- F02522CA030
- F02522CA033

**3000K**

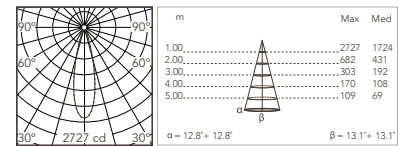
Non Dimmable

- F02523CA001
- F02523CA006
- F02523CA012
- F02523CA018
- F02523CA030
- F02523CA033

**4000K**

Non Dimmable

- F02524CA001
- F02524CA006
- F02524CA012
- F02524CA018
- F02524CA030
- F02524CA033



@ 3000K

**Optic Flood 33,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02522DA001
- F02522DA006
- F02522DA012
- F02522DA018
- F02522DA030
- F02522DA033

**3000K**

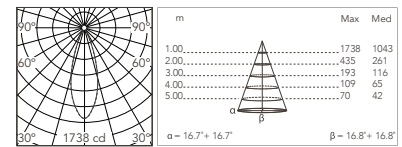
Non Dimmable

- F02523DA001
- F02523DA006
- F02523DA012
- F02523DA018
- F02523DA030
- F02523DA033

**4000K**

Non Dimmable

- F02524DA001
- F02524DA006
- F02524DA012
- F02524DA018
- F02524DA030
- F02524DA033



@ 3000K

**Optic Wide Flood 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 591 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 650 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02522EA001
- F02522EA006
- F02522EA012
- F02522EA018
- F02522EA030
- F02522EA033

**3000K**

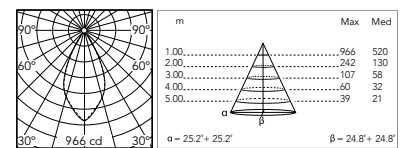
Non Dimmable

- F02523EA001
- F02523EA006
- F02523EA012
- F02523EA018
- F02523EA030
- F02523EA033

**4000K**

Non Dimmable

- F02524EA001
- F02524EA006
- F02524EA012
- F02524EA018
- F02524EA030
- F02524EA033



@ 3000K

# Spine T 1 Ultra Hp

## Optic Elliptical 1 11,5° x 49°

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02522FA001
- F02522FA006
- F02522FA012
- F02522FA018
- F02522FA030
- F02522FA033

### 3000K

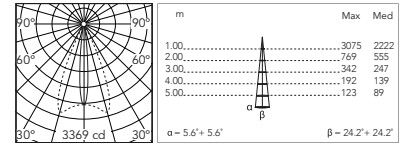
Non Dimmable

- F02523FA001
- F02523FA006
- F02523FA012
- F02523FA018
- F02523FA030
- F02523FA033

### 4000K

Non Dimmable

- F02524FA001
- F02524FA006
- F02524FA012
- F02524FA018
- F02524FA030
- F02524FA033



@ 3000K

## Optic Elliptical 2 25,5° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02522GA001
- F02522GA006
- F02522GA012
- F02522GA018
- F02522GA030
- F02522GA033

### 3000K

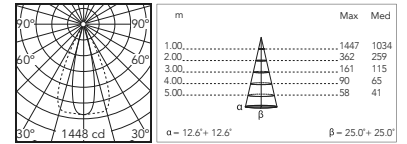
Non Dimmable

- F02523GA001
- F02523GA006
- F02523GA012
- F02523GA018
- F02523GA030
- F02523GA033

### 4000K

Non Dimmable

- F02524GA001
- F02524GA006
- F02524GA012
- F02524GA018
- F02524GA030
- F02524GA033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02522HA001
- F02522HA006
- F02522HA012
- F02522HA018
- F02522HA030
- F02522HA033

### 3000K

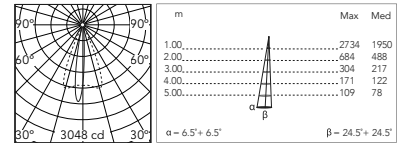
Non Dimmable

- F02523HA001
- F02523HA006
- F02523HA012
- F02523HA018
- F02523HA030
- F02523HA033

### 4000K

Non Dimmable

- F02524HA001
- F02524HA006
- F02524HA012
- F02524HA018
- F02524HA030
- F02524HA033

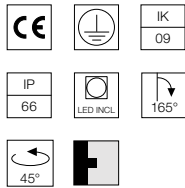
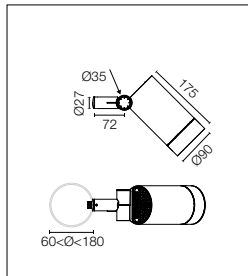


@ 3000K

## Spine T 1 Ultra: Zubehörteile / Accessories

Viewer	Visor	<ul style="list-style-type: none"> <li>○ F025Z050001</li> <li>● F025Z050006</li> <li>● F025Z050012</li> <li>● F025Z050018</li> <li>● F025Z050030</li> <li>● F025Z050033</li> </ul>	
Honeycomb	Honeycomb Louvre	F025Z060000	
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C100000	
Konverterlinse / Converter lenses:			
- Converter Spine 0 / Spine 1 Optic Medium Flood		F029Z010000	
- Converter Spine 0 / Spine 1 Optic Flood		F029Z011000	
- Converter Spine 0 / Spine 1 Optic Wide Flood		F029Z012000	
- Converter Spine 0 / Spine 1 Optic Elliptic 1		F029Z013000	
- Converter Spine 0 / Spine 1 Optic Elliptic 2		F029Z014000	
- Converter Spine 0 / Spine 1 Optic Wall Washer		F029Z015000	
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000	
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig. (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	

Spine



Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm  $\neq$  FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm  $\neq$  FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm  $\neq$  FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02612AA001
- F02612AA006
- F02612AA012
- F02612AA018
- F02612AA030
- F02612AA033
- 1-10V
- F02612AB001
- F02612AB006
- F02612AB012
- F02612AB018
- F02612AB030
- F02612AB033
- Dali
- F02612AD001
- F02612AD006
- F02612AD012
- F02612AD018
- F02612AD030
- F02612AD033

**3000K**

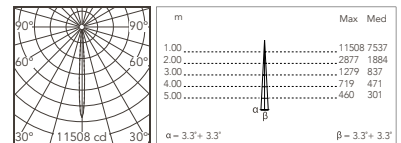
Non Dimmable

- F02613AA001
- F02613AA006
- F02613AA012
- F02613AA018
- F02613AA030
- F02613AA033
- 1-10V
- F02613AB001
- F02613AB006
- F02613AB012
- F02613AB018
- F02613AB030
- F02613AB033
- Dali
- F02613AD001
- F02613AD006
- F02613AD012
- F02613AD018
- F02613AD030
- F02613AD033

**4000K**

Non Dimmable

- F02614AA001
- F02614AA006
- F02614AA012
- F02614AA018
- F02614AA030
- F02614AA033
- 1-10V
- F02614AB001
- F02614AB006
- F02614AB012
- F02614AB018
- F02614AB030
- F02614AB033
- Dali
- F02614AD001
- F02614AD006
- F02614AD012
- F02614AD018
- F02614AD030
- F02614AD033



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm  $\neq$  FIXT 769 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm  $\neq$  FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm  $\neq$  FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02612BA001
- F02612BA006
- F02612BA012
- F02612BA018
- F02612BA030
- F02612BA033
- 1-10V
- F02612BB001
- F02612BB006
- F02612BB012
- F02612BB018
- F02612BB030
- F02612BB033
- Dali
- F02612BD001
- F02612BD006
- F02612BD012
- F02612BD018
- F02612BD030
- F02612BD033

**3000K**

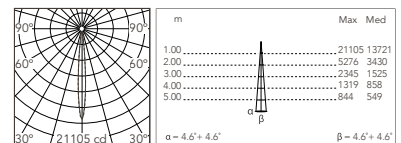
Non Dimmable

- F02613BA001
- F02613BA006
- F02613BA012
- F02613BA018
- F02613BA030
- F02613BA033
- 1-10V
- F02613BB001
- F02613BB006
- F02613BB012
- F02613BB018
- F02613BB030
- F02613BB033
- Dali
- F02613BD001
- F02613BD006
- F02613BD012
- F02613BD018
- F02613BD030
- F02613BD033

**4000K**

Non Dimmable

- F02614BA001
- F02614BA006
- F02614BA012
- F02614BA018
- F02614BA030
- F02614BA033
- 1-10V
- F02614BB001
- F02614BB006
- F02614BB012
- F02614BB018
- F02614BB030
- F02614BB033
- Dali
- F02614BD001
- F02614BD006
- F02614BD012
- F02614BD018
- F02614BD030
- F02614BD033



@ 3000K

**Optic Medium Flood 28°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02612CA001
- F02612CA006
- F02612CA012
- F02612CA018
- F02612CA030
- F02612CA033
- 1-10V
- F02612CB001
- F02612CB006
- F02612CB012
- F02612CB018
- F02612CB030
- F02612CB033
- Dali
- F02612CD001
- F02612CD006
- F02612CD012
- F02612CD018
- F02612CD030
- F02612CD033

**3000K**

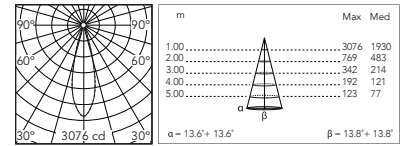
Non Dimmable

- F02613CA001
- F02613CA006
- F02613CA012
- F02613CA018
- F02613CA030
- F02613CA033
- 1-10V
- F02613CB001
- F02613CB006
- F02613CB012
- F02613CB018
- F02613CB030
- F02613CB033
- Dali
- F02613CD001
- F02613CD006
- F02613CD012
- F02613CD018
- F02613CD030
- F02613CD033

**4000K**

Non Dimmable

- F02614CA001
- F02614CA006
- F02614CA012
- F02614CA018
- F02614CA030
- F02614CA033
- 1-10V
- F02614CB001
- F02614CB006
- F02614CB012
- F02614CB018
- F02614CB030
- F02614CB033
- Dali
- F02614CD001
- F02614CD006
- F02614CD012
- F02614CD018
- F02614CD030
- F02614CD033



@ 3000K

**Optic Flood 33°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02612DA001
- F02612DA006
- F02612DA012
- F02612DA018
- F02612DA030
- F02612DA033
- 1-10V
- F02612DB001
- F02612DB006
- F02612DB012
- F02612DB018
- F02612DB030
- F02612DB033
- Dali
- F02612DD001
- F02612DD006
- F02612DD012
- F02612DD018
- F02612DD030
- F02612DD033

**3000K**

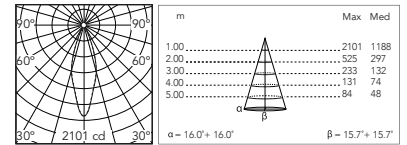
Non Dimmable

- F02613DA001
- F02613DA006
- F02613DA012
- F02613DA018
- F02613DA030
- F02613DA033
- 1-10V
- F02613DB001
- F02613DB006
- F02613DB012
- F02613DB018
- F02613DB030
- F02613DB033
- Dali
- F02613DD001
- F02613DD006
- F02613DD012
- F02613DD018
- F02613DD030
- F02613DD033

**4000K**

Non Dimmable

- F02614DA001
- F02614DA006
- F02614DA012
- F02614DA018
- F02614DA030
- F02614DA033
- 1-10V
- F02614DB001
- F02614DB006
- F02614DB012
- F02614DB018
- F02614DB030
- F02614DB033
- Dali
- F02614DD001
- F02614DD006
- F02614DD012
- F02614DD018
- F02614DD030
- F02614DD033



@ 3000K

**Optic Wide Flood 51°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 711 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 741 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02612EA001
- F02612EA006
- F02612EA012
- F02612EA018
- F02612EA030
- F02612EA033
- 1-10V
- F02612EB001
- F02612EB006
- F02612EB012
- F02612EB018
- F02612EB030
- F02612EB033
- Dali
- F02612ED001
- F02612ED006
- F02612ED012
- F02612ED018
- F02612ED030
- F02612ED033

**3000K**

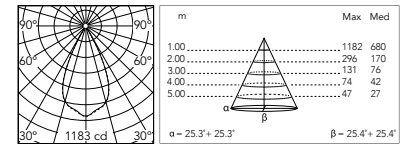
Non Dimmable

- F02613EA001
- F02613EA006
- F02613EA012
- F02613EA018
- F02613EA030
- F02613EA033
- 1-10V
- F02613EB001
- F02613EB006
- F02613EB012
- F02613EB018
- F02613EB030
- F02613EB033
- Dali
- F02613ED001
- F02613ED006
- F02613ED012
- F02613ED018
- F02613ED030
- F02613ED033

**4000K**

Non Dimmable

- F02614EA001
- F02614EA006
- F02614EA012
- F02614EA018
- F02614EA030
- F02614EA033
- 1-10V
- F02614EB001
- F02614EB006
- F02614EB012
- F02614EB018
- F02614EB030
- F02614EB033
- Dali
- F02614ED001
- F02614ED006
- F02614ED012
- F02614ED018
- F02614ED030
- F02614ED033



@ 3000K

# Spine T 2 Ultra

## Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02612FA001
- F02612FA006
- F02612FA012
- F02612FA018
- F02612FA030
- F02612FA033
- 1-10V
- F02612FB001
- F02612FB006
- F02612FB012
- F02612FB018
- F02612FB030
- F02612FB033
- Dali
- F02612FD001
- F02612FD006
- F02612FD012
- F02612FD018
- F02612FD030
- F02612FD033

### 3000K

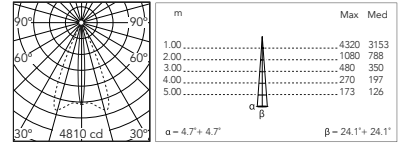
Non Dimmable

- F02613FA001
- F02613FA006
- F02613FA012
- F02613FA018
- F02613FA030
- F02613FA033
- 1-10V
- F02613FB001
- F02613FB006
- F02613FB012
- F02613FB018
- F02613FB030
- F02613FB033
- Dali
- F02613FD001
- F02613FD006
- F02613FD012
- F02613FD018
- F02613FD030
- F02613FD033

### 4000K

Non Dimmable

- F02614FA001
- F02614FA006
- F02614FA012
- F02614FA018
- F02614FA030
- F02614FA033
- 1-10V
- F02614FB001
- F02614FB006
- F02614FB012
- F02614FB018
- F02614FB030
- F02614FB033
- Dali
- F02614FD001
- F02614FD006
- F02614FD012
- F02614FD018
- F02614FD030
- F02614FD033



@ 3000K

## Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02612GA001
- F02612GA006
- F02612GA012
- F02612GA018
- F02612GA030
- F02612GA033
- 1-10V
- F02612GB001
- F02612GB006
- F02612GB012
- F02612GB018
- F02612GB030
- F02612GB033
- Dali
- F02612GD001
- F02612GD006
- F02612GD012
- F02612GD018
- F02612GD030
- F02612GD033

### 3000K

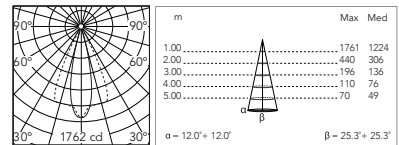
Non Dimmable

- F02613GA001
- F02613GA006
- F02613GA012
- F02613GA018
- F02613GA030
- F02613GA033
- 1-10V
- F02613GB001
- F02613GB006
- F02613GB012
- F02613GB018
- F02613GB030
- F02613GB033
- Dali
- F02613GD001
- F02613GD006
- F02613GD012
- F02613GD018
- F02613GD030
- F02613GD033

### 4000K

Non Dimmable

- F02614GA001
- F02614GA006
- F02614GA012
- F02614GA018
- F02614GA030
- F02614GA033
- 1-10V
- F02614GB001
- F02614GB006
- F02614GB012
- F02614GB018
- F02614GB030
- F02614GB033
- Dali
- F02614GD001
- F02614GD006
- F02614GD012
- F02614GD018
- F02614GD030
- F02614GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02612HA001
- F02612HA006
- F02612HA012
- F02612HA018
- F02612HA030
- F02612HA033
- 1-10V
- F02612HB001
- F02612HB006
- F02612HB012
- F02612HB018
- F02612HB030
- F02612HB033
- Dali
- F02612HD001
- F02612HD006
- F02612HD012
- F02612HD018
- F02612HD030
- F02612HD033

### 3000K

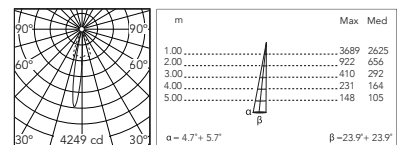
Non Dimmable

- F02613HA001
- F02613HA006
- F02613HA012
- F02613HA018
- F02613HA030
- F02613HA033
- 1-10V
- F02613HB001
- F02613HB006
- F02613HB012
- F02613HB018
- F02613HB030
- F02613HB033
- Dali
- F02613HD001
- F02613HD006
- F02613HD012
- F02613HD018
- F02613HD030
- F02613HD033

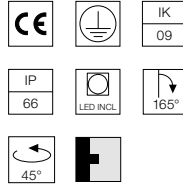
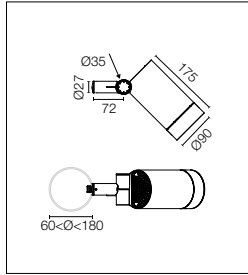
### 4000K

Non Dimmable

- F02614HA001
- F02614HA006
- F02614HA012
- F02614HA018
- F02614HA030
- F02614HA033
- 1-10V
- F02614HB001
- F02614HB006
- F02614HB012
- F02614HB018
- F02614HB030
- F02614HB033
- Dali
- F02614HD001
- F02614HD006
- F02614HD012
- F02614HD018
- F02614HD030
- F02614HD033



@ 3000K



Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02622BA001
- F02622BA006
- F02622BA012
- F02622BA018
- F02622BA030
- F02622BA033
- 1-10V
- F02622BB001
- F02622BB006
- F02622BB012
- F02622BB018
- F02622BB030
- F02622BB033
- Dali
- F02622BD001
- F02622BD006
- F02622BD012
- F02622BD018
- F02622BD030
- F02622BD033

**3000K**

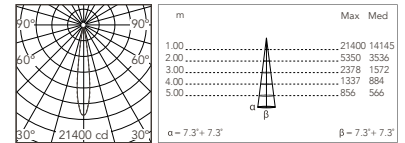
Non Dimmable

- F02623BA001
- F02623BA006
- F02623BA012
- F02623BA018
- F02623BA030
- F02623BA033
- 1-10V
- F02623BB001
- F02623BB006
- F02623BB012
- F02623BB018
- F02623BB030
- F02623BB033
- Dali
- F02623BD001
- F02623BD006
- F02623BD012
- F02623BD018
- F02623BD030
- F02623BD033

**4000K**

Non Dimmable

- F02624BA001
- F02624BA006
- F02624BA012
- F02624BA018
- F02624BA030
- F02624BA033
- 1-10V
- F02624BB001
- F02624BB006
- F02624BB012
- F02624BB018
- F02624BB030
- F02624BB033
- Dali
- F02624BD001
- F02624BD006
- F02624BD012
- F02624BD018
- F02624BD030
- F02624BD033



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F02622CA001
- F02622CA006
- F02622CA012
- F02622CA018
- F02622CA030
- F02622CA033
- 1-10V
- F02622CB001
- F02622CB006
- F02622CB012
- F02622CB018
- F02622CB030
- F02622CB033
- Dali
- F02622CD001
- F02622CD006
- F02622CD012
- F02622CD018
- F02622CD030
- F02622CD033

**3000K**

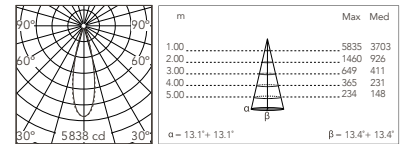
Non Dimmable

- F02623CA001
- F02623CA006
- F02623CA012
- F02623CA018
- F02623CA030
- F02623CA033
- 1-10V
- F02623CB001
- F02623CB006
- F02623CB012
- F02623CB018
- F02623CB030
- F02623CB033
- Dali
- F02623CD001
- F02623CD006
- F02623CD012
- F02623CD018
- F02623CD030
- F02623CD033

**4000K**

Non Dimmable

- F02624CA001
- F02624CA006
- F02624CA012
- F02624CA018
- F02624CA030
- F02624CA033
- 1-10V
- F02624CB001
- F02624CB006
- F02624CB012
- F02624CB018
- F02624CB030
- F02624CB033
- Dali
- F02624CD001
- F02624CD006
- F02624CD012
- F02624CD018
- F02624CD030
- F02624CD033



@ 3000K

# Spine T 2 Ultra Hp

## Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02622DA001
- F02622DA006
- F02622DA012
- F02622DA018
- F02622DA030
- F02622DA033
- 1-10V
- F02622DB001
- F02622DB006
- F02622DB012
- F02622DB018
- F02622DB030
- F02622DB033
- Dali
- F02622DD001
- F02622DD006
- F02622DD012
- F02622DD018
- F02622DD030
- F02622DD033

### 3000K

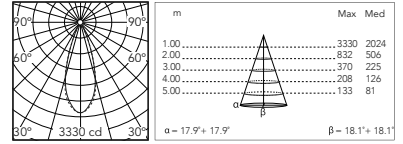
Non Dimmable

- F02623DA001
- F02623DA006
- F02623DA012
- F02623DA018
- F02623DA030
- F02623DA033
- 1-10V
- F02623DB001
- F02623DB006
- F02623DB012
- F02623DB018
- F02623DB030
- F02623DB033
- Dali
- F02623DD001
- F02623DD006
- F02623DD012
- F02623DD018
- F02623DD030
- F02623DD033

### 4000K

Non Dimmable

- F02624DA001
- F02624DA006
- F02624DA012
- F02624DA018
- F02624DA030
- F02624DA033
- 1-10V
- F02624DB001
- F02624DB006
- F02624DB012
- F02624DB018
- F02624DB030
- F02624DB033
- Dali
- F02624DD001
- F02624DD006
- F02624DD012
- F02624DD018
- F02624DD030
- F02624DD033



@ 3000K

## Optic Wide Flood 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1303 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1357 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1411 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02622EA001
- F02622EA006
- F02622EA012
- F02622EA018
- F02622EA030
- F02622EA033
- 1-10V
- F02622EB001
- F02622EB006
- F02622EB012
- F02622EB018
- F02622EB030
- F02622EB033
- Dali
- F02622ED001
- F02622ED006
- F02622ED012
- F02622ED018
- F02622ED030
- F02622ED033

### 3000K

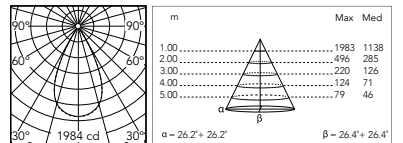
Non Dimmable

- F02623EA001
- F02623EA006
- F02623EA012
- F02623EA018
- F02623EA030
- F02623EA033
- 1-10V
- F02623EB001
- F02623EB006
- F02623EB012
- F02623EB018
- F02623EB030
- F02623EB033
- Dali
- F02623ED001
- F02623ED006
- F02623ED012
- F02623ED018
- F02623ED030
- F02623ED033

### 4000K

Non Dimmable

- F02624EA001
- F02624EA006
- F02624EA012
- F02624EA018
- F02624EA030
- F02624EA033
- 1-10V
- F02624EB001
- F02624EB006
- F02624EB012
- F02624EB018
- F02624EB030
- F02624EB033
- Dali
- F02624ED001
- F02624ED006
- F02624ED012
- F02624ED018
- F02624ED030
- F02624ED033



@ 3000K

## Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02622FA001
- F02622FA006
- F02622FA012
- F02622FA018
- F02622FA030
- F02622FA033
- 1-10V
- F02622FB001
- F02622FB006
- F02622FB012
- F02622FB018
- F02622FB030
- F02622FB033
- Dali
- F02622FD001
- F02622FD006
- F02622FD012
- F02622FD018
- F02622FD030
- F02622FD033

### 3000K

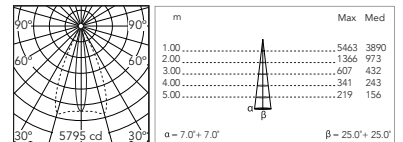
Non Dimmable

- F02623FA001
- F02623FA006
- F02623FA012
- F02623FA018
- F02623FA030
- F02623FA033
- 1-10V
- F02623FB001
- F02623FB006
- F02623FB012
- F02623FB018
- F02623FB030
- F02623FB033
- Dali
- F02623FD001
- F02623FD006
- F02623FD012
- F02623FD018
- F02623FD030
- F02623FD033

### 4000K

Non Dimmable

- F02624FA001
- F02624FA006
- F02624FA012
- F02624FA018
- F02624FA030
- F02624FA033
- 1-10V
- F02624FB001
- F02624FB006
- F02624FB012
- F02624FB018
- F02624FB030
- F02624FB033
- Dali
- F02624FD001
- F02624FD006
- F02624FD012
- F02624FD018
- F02624FD030
- F02624FD033



@ 3000K



# Spine T 2 Ultra Hp

## Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02622GA001
- F02622GA006
- F02622GA012
- F02622GA018
- F02622GA030
- F02622GA033

1-10V

- F02622GB001
- F02622GB006
- F02622GB012
- F02622GB018
- F02622GB030
- F02622GB033

Dali

- F02622GD001
- F02622GD006
- F02622GD012
- F02622GD018
- F02622GD030
- F02622GD033

### 3000K

Non Dimmable

- F02623GA001
- F02623GA006
- F02623GA012
- F02623GA018
- F02623GA030
- F02623GA033

1-10V

- F02623GB001
- F02623GB006
- F02623GB012
- F02623GB018
- F02623GB030
- F02623GB033

Dali

- F02623GD001
- F02623GD006
- F02623GD012
- F02623GD018
- F02623GD030
- F02623GD033

### 4000K

Non Dimmable

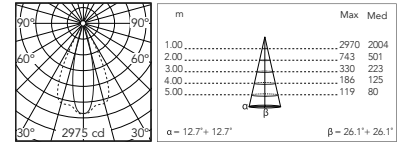
- F02624GA001
- F02624GA006
- F02624GA012
- F02624GA018
- F02624GA030
- F02624GA033

1-10V

- F02624GB001
- F02624GB006
- F02624GB012
- F02624GB018
- F02624GB030
- F02624GB033

Dali

- F02624GD001
- F02624GD006
- F02624GD012
- F02624GD018
- F02624GD030
- F02624GD033



@ 3000K

## Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F02622HA001
- F02622HA006
- F02622HA012
- F02622HA018
- F02622HA030
- F02622HA033

1-10V

- F02622HB001
- F02622HB006
- F02622HB012
- F02622HB018
- F02622HB030
- F02622HB033

Dali

- F02622HD001
- F02622HD006
- F02622HD012
- F02622HD018
- F02622HD030
- F02622HD033

### 3000K

Non Dimmable

- F02623HA001
- F02623HA006
- F02623HA012
- F02623HA018
- F02623HA030
- F02623HA033

1-10V

- F02623HB001
- F02623HB006
- F02623HB012
- F02623HB018
- F02623HB030
- F02623HB033

Dali

- F02623HD001
- F02623HD006
- F02623HD012
- F02623HD018
- F02623HD030
- F02623HD033

### 4000K

Non Dimmable

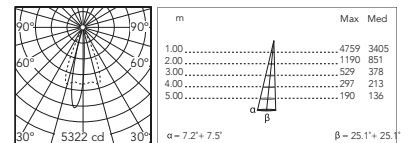
- F02624HA001
- F02624HA006
- F02624HA012
- F02624HA018
- F02624HA030
- F02624HA033

1-10V

- F02624HB001
- F02624HB006
- F02624HB012
- F02624HB018
- F02624HB030
- F02624HB033


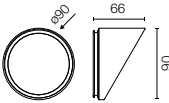

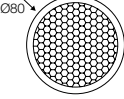

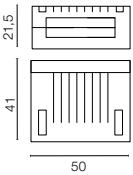

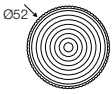

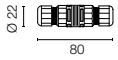

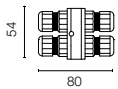



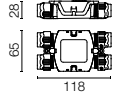
Dali

- F02624HD001
- F02624HD006
- F02624HD012
- F02624HD018
- F02624HD030
- F02624HD033



@ 3000K

## Spine T 2 Ultra: Zubehörteile / Accessories

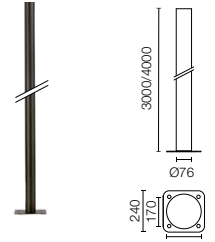
Viewer	Visor	<ul style="list-style-type: none"> <li>○ F026Z050001</li> <li>● F026Z050006</li> <li>● F026Z050012</li> <li>● F026Z050018</li> <li>● F026Z050030</li> <li>● F026Z050033</li> </ul>	 
Honeycomb	Honeycomb Louvre	F026Z060000	 
IPX8 Gelbox für den elektrischen Anschluss.	Gelbox IPX8 for splicing connectors.	F990C110000	 
<b>Konverterlinse / Converter lenses:</b> <ul style="list-style-type: none"> <li>- Converter Spine 2 Optic Medium Flood</li> <li>- Converter Spine 2 Optic Flood</li> <li>- Converter Spine 2 Optic Wide Flood</li> <li>- Converter Spine 2 Optic Elliptic 1</li> <li>- Converter Spine 2 Optic Elliptic 2</li> <li>- Converter Spine 2 Optic Wall Washer</li> </ul>		<ul style="list-style-type: none"> <li>F029Z020000</li> <li>F029Z021000</li> <li>F029Z022000</li> <li>F029Z023000</li> <li>F029Z024000</li> <li>F029Z025000</li> </ul>	 
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000	 
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	 
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000	 
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000	 

## Spine T: Zubehörteile / Accessories

Stange Spine Ø76 mm aus lackiertem Aluminium mit Standfuß.

Spine, Ø76 mm, painted aluminum pole with foot.

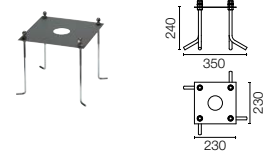
- H: 3000 mm
- F026Z200006
  - F026Z200018
  - F026Z200033
- H: 4000 mm
- F026Z210006
  - F026Z210018
  - F026Z210033



Grundplatte mit Bolzen für Aluminiummast Ø76 mm mit Sockelversion.

Base plate with bolt for aluminium Pole Ø76 mm with base version.

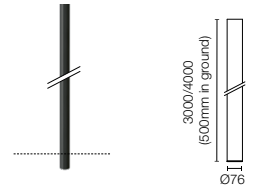
F990G300000



Spieß Spine Ø76 mm aus lackiertem Aluminium für die Verankerung im Erdreich (+500 mm im Boden).

Spine, Ø76 mm, painted aluminum pole for in ground installation (+500 mm into the ground)

- H: 3000 mm
- F026Z220006
  - F026Z220018
  - F026Z220033
- H: 4000 mm
- F026Z230006
  - F026Z230018
  - F026Z230033



Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

Pole Ø76 mm with Base and Access Door. With Terminal Block 4x1,5-16mmq.

- H 3500 mm
- FA24806
  - FA24833
- H 4500 mm
- FA24906
  - FA24933



Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq.

Pole Ø76 mm In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq

- H 3500 mm
- FA25006
  - FA25033
- H 4500 mm
- FA25106
  - FA25133



Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

Pole Ø102 mm with Base and Access Door. With Terminal Block 4x1,5-16mmq.

- H 4000 mm
- FA414006
  - FA414033
- H 5000 mm
- FA415006
  - FA415033



Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq.

Pole Ø102 mm In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq

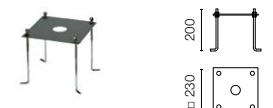
- H 4000 mm
- FA414506
  - FA414533
- H 5000 mm
- FA415506
  - FA415533



Bolzenplatte für Masten Ø76 mm oder Ø102 mm mit Sockel.

Bolt plate for Pole Ø76 mm or Ø102 mm with base.

FA116



# Pointbreak

Designed by Piero Lissoni

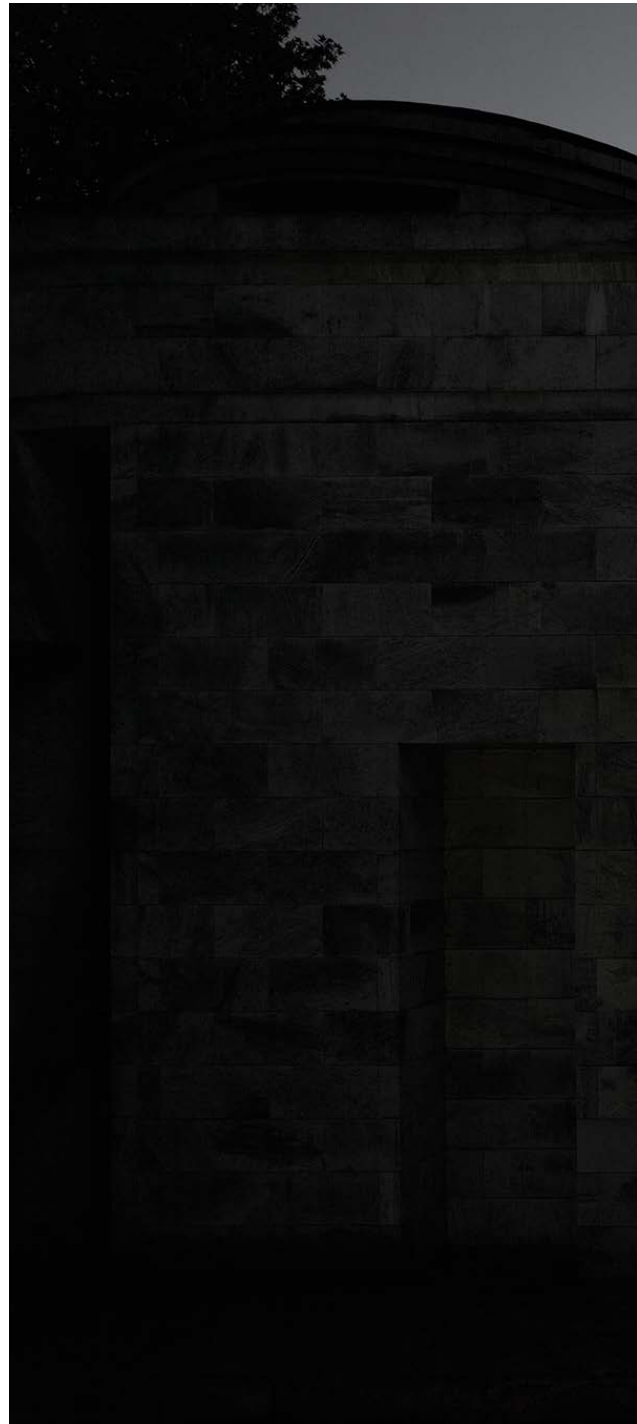




Pointbreak Ballisage 2



Pointbreak Wall 1

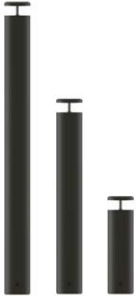




## Familie / Family

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### Pointbreak Bollard 1

**Power Led**

5,6W  
274 lm - 2700K/CRI 80  
285 lm - 3000K/CRI 80  
307 lm - 4000K/CRI 80  
[2200K available on request.](#)

### Pointbreak Balisage 1

**Power Led**

5,6W  
274 lm - 2700K/CRI 80  
285 lm - 3000K/CRI 80  
307 lm - 4000K/CRI 80  
[2200K available on request.](#)

---

### Pointbreak Bollard 2

**Power Led**

12,5W  
600 lm - 2700K/CRI 80  
624 lm - 3000K/CRI 80  
672 lm - 4000K/CRI 80  
[2200K available on request.](#)

### Pointbreak Balisage 2

**Power Led**

12,5W  
600 lm - 2700K/CRI 80  
624 lm - 3000K/CRI 80  
672 lm - 4000K/CRI 80  
[2200K available on request.](#)

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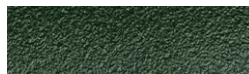
## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite



Pointbreak Wall 0



**Power Led**

2,1W

up to 101 lm - 2700K/CRI 80

up to 104 lm - 3000K/CRI 80

up to 108 lm - 4000K/CRI 80

2200K available on request.

**Power Led**

3,1W

up to 2x101 lm - 2700K/CRI 80

up to 2x104 lm - 3000K/CRI 80

up to 2x108 lm - 4000K/CRI 80

2200K available on request.

Pointbreak Wall 1



**Power Led**

5,5W

319 lm - 2700K/CRI 80

335 lm - 3000K/CRI 80

367 lm - 4000K/CRI 80

**Power Led**

12W

2x319 lm - 2700K/CRI 80

2x335 lm - 3000K/CRI 80

2x367 lm - 4000K/CRI 80

Pointbreak Wall 2



**Power Led**

17W

1108 lm - 2700K/CRI 80

1149 lm - 3000K/CRI 80

1190 lm - 4000K/CRI 80

2200K available on request.

**Power Led**

32W

2x1108 lm - 2700K/CRI 80

2x1149 lm - 3000K/CRI 80

2x1190 lm - 4000K/CRI 80

2200K available on request.

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Pointbreak Ceiling 0



**Power Led**

2,1W

up to 101 lm - 2700K/CRI 80

up to 104 lm - 3000K/CRI 80

up to 108 lm - 4000K/CRI 80

2200K available on request.

Pointbreak Ceiling 1



**Power Led**

5,5W

319 lm - 2700K/CRI 80

335 lm - 3000K/CRI 80

367 lm - 4000K/CRI 80

Pointbreak Ceiling 2



**Power Led**

17W

1108 lm - 2700K/CRI 80

1149 lm - 3000K/CRI 80

1190 lm - 4000K/CRI 80

2200K available on request.

### **Pointbreak Bollard**

Kollektion von Außenpollern mit exklusivem Design und LED-Lichtquelle, die sich durch eine Hochleistungsoptik auszeichnet.

Die exklusive Squircle-Form ist in zwei Größen und drei Höhen erhältlich. Gehäusestruktur aus stranggepresstem Aluminium, Leuchtenkopf aus Aluminiumdruckguss, Diffusor aus transparentem Polycarbonat mit kratzfester Oberflächenbehandlung und UV-stabilisiert. Die im Kopf integrierte Optik ermöglicht einen asymmetrischen, radial nach unten gerichteten Lichtaustritt, der in Kombination mit dem absolut schwarz lackierten Aluminiumreflektor indirekte Reflexionen vermeidet, um die geltenden Gesetze zur Lichtverschmutzung einzuhalten.

Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung zur Gewährleistung einer hohen Korrosionsbeständigkeit.

Die Bollard-Versionen können einfach auf jeder Art von Boden mit Dübeln installiert werden, indem man den hochfesten, korrosionsfreien Technopolymer-Sockel und das Befestigungselement verwendet, das eine präzise Einstellung ermöglicht, oder indem man die spezifische Zubehör-Ankerplatte verwendet, um den Sockel des Produkts vollständig in den Boden zu integrieren. Die Verankerungsbeschläge bestehen aus AISI 316L, bräunlich für dunkle Ausführungen.

### **Pointbreak Balisage**

Kollektion von Teil-Einbauleuchten für den Außenbereich mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.

Die exklusive Squircle-Form ist in zwei Größen und drei Höhen erhältlich. Gehäusestruktur aus stranggepresstem Aluminium, Leuchtenkopf aus Aluminiumdruckguss, Diffusor aus transparentem Polycarbonat mit kratzfester Oberflächenbehandlung und UV-stabilisiert. Die im Kopf integrierte Optik ermöglicht einen asymmetrischen, radial nach unten gerichteten Lichtaustritt, der in Kombination mit dem absolut schwarz lackierten Aluminiumreflektor indirekte Reflexionen vermeidet, um die geltenden Gesetze zur Lichtverschmutzung einzuhalten.

Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung zur Gewährleistung einer hohen Korrosionsbeständigkeit.

Patentierter Anti-Korrosions-Behandlung (ACT) für das Bodenbauteil.

Die Balisage-Versionen werden einfach mit einer speziellen obligatorischen Schalung, die separat bestellt werden muss, im Boden installiert.

### **Pointbreak Wall**

Kollektion von Außenwandleuchten mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.

Die exklusive Squircle-Form ist in drei Größen erhältlich, mit unidirektionaler oder bidirektionaler Abstrahlung. Struktur aus Aluminiumdruckguss mit transparentem Abdeckglas. Die integrierte Optik, die sich im unteren Teil befindet, verwendet patentierte Linsen und ist durch eine absolut schwarze Abschirmung geschützt, um den Sehkomfort zu optimieren und gleichzeitig eine hohe Leistung zu gewährleisten.

Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Konversions-Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten.

Die Montage erfolgt über einen hochfesten, korrosionsfreien PBT-Bügel (Polybutylenterephthalat). Doppelte Kabelverschraubung, die direkt am Leuchtenkörper installiert ist, um die ankommende und abgehende Verdrahtung zu ermöglichen.

### **Pointbreak Ceiling**

Kollektion von Deckenleuchten für den Außenbereich mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.

Die exklusive Squircle-Form ist in drei Größen erhältlich. Struktur aus Aluminiumguss mit transparentem Abdeckglas. Die integrierte Optik, die sich im unteren Teil befindet, verwendet patentierte Linsen und ist durch eine absolut schwarze Abschirmung geschützt, um den Sehkomfort zu optimieren und gleichzeitig eine hohe Leistung zu gewährleisten.

Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Konversions-Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten.

Die Installation erfolgt über ein Spannelement, das eine präzise Einstellung ermöglicht. Doppelte Kabelverschraubung, die direkt am Leuchtenkörper installiert wird, um die ankommende und abgehende Verdrahtung zu ermöglichen.

### **Pointbreak Bollard**

Collection of outdoor bollards with an exclusive design and LED light source, characterized by high-performance optics. The unique squircle shape is available in three sizes and three heights. The body structure comes in extruded aluminum, the head of the luminaire in cast aluminum, and the diffuser is made of transparent, UV-stabilized polycarbonate with scratch-resistant surface treatment. The optics integrated in the head allows an asymmetric, downward radial light emission that, combined with an aluminum reflector painted in absolute black, avoids indirect reflections in compliance with current light pollution laws.

Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.

Bollard versions may be easily installed on any flooring on the ground with anchors by using the high-resistance, corrosion-free technopolymer base and a fixing element, allowing a fine adjustment; or by using the specific accessory anchoring plate for a flawless integration of the base of the product with the ground. The anchoring hardware is made of AISI 316L burnished for dark finishes.

### **Pointbreak Balisage**

Collection of partially-recessed outdoor luminaires with an exclusive design and LED light source, characterized by high-performance optics.

The unique squircle shape is available in two sizes and two heights. The body structure comes in extruded aluminum, the head of the luminaire in cast aluminum, and the diffuser is made of transparent, UV-stabilized polycarbonate with scratch-resistant surface treatment. The optics integrated in the head allows an asymmetric, downward radial light emission that, combined with an aluminum reflector painted in absolute black, avoids indirect reflections in compliance with current light pollution laws.

Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.

Patented anticorrosive treatment (ACT) for the part fitted into the ground.

Balisage versions are easily installed on the ground with a mandatory special box for installation, to be ordered separately.

### **Pointbreak Wall**

Collection of outdoor wall luminaires with an exclusive design and LED light source, characterized by high-performance optics.

The unique squircle shape is available in three sizes, with uni- or bi-directional emission. Cast aluminum structure with transparent closing glass. The integrated optics, located at the bottom, uses patented lenses and is protected by an absolute black screening to optimize visual comfort while maintaining high performance.

Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.

The installation is made using a highly resistant and corrosion-free PBT (polybutylterephtalate) bracket. Double cable gland installed directly in the body of the luminaire for inlet and outlet connection.

### **Pointbreak Ceiling**

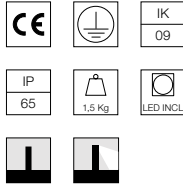
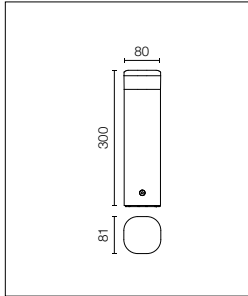
Collection of outdoor ceiling luminaires with an exclusive design and LED light source, characterized by high-performance optics.

The unique squircle shape is available in three sizes. Cast aluminum structure with transparent closing glass. The integrated optics, located at the bottom, uses patented lenses and is protected by an absolute black screening to optimize visual comfort while maintaining high performance.

Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.

Installation is made with a fixing component that allows a fine adjustment. Double cable gland installed directly in the body of the luminaire for inlet and outlet connection.

## Pointbreak Bollard 1 - 300



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023E2AA001
- F023E2AA006
- F023E2AA012
- F023E2AA018
- F023E2AA030
- F023E2AA033
- 1-10V
- F023E2AB001
- F023E2AB006
- F023E2AB012
- F023E2AB018
- F023E2AB030
- F023E2AB033
- Dali
- F023E2AD001
- F023E2AD006
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- F023E2AD018
- F023E2AD030
- F023E2AD033

### 3000K

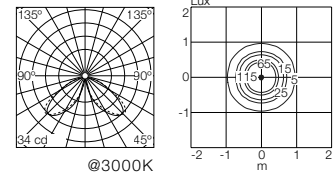
Non Dimmable

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- F023E3AA012
- F023E3AA018
- F023E3AA030
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- 1-10V
- F023E3AB001
- F023E3AB006
- F023E3AB012
- F023E3AB018
- F023E3AB030
- F023E3AB033
- Dali
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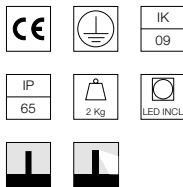
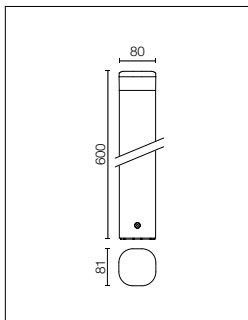
### 4000K

Non Dimmable

- F023E4AA001
- F023E4AA006
- F023E4AA012
- F023E4AA018
- F023E4AA030
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- 1-10V
- F023E4AB001
- F023E4AB006
- F023E4AB012
- F023E4AB018
- F023E4AB030
- F023E4AB033
- Dali
- F023E4AD001
- F023E4AD006
- F023E4AD012
- F023E4AD018
- F023E4AD030
- F023E4AD033



## Pointbreak Bollard 1 - 600



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023E2BA001
- F023E2BA006
- F023E2BA012
- F023E2BA018
- F023E2BA030
- F023E2BA033
- 1-10V
- F023E2BB001
- F023E2BB006
- F023E2BB012
- F023E2BB018
- F023E2BB030
- F023E2BB033
- Dali
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### 3000K

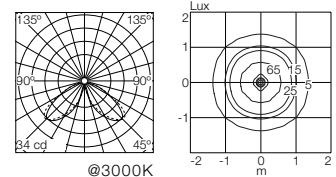
Non Dimmable

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- F023E3BA012
- F023E3BA018
- F023E3BA030
- F023E3BA033
- 1-10V
- F023E3BB001
- F023E3BB006
- F023E3BB012
- F023E3BB018
- F023E3BB030
- F023E3BB033
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- F023E3BD030
- F023E3BD033

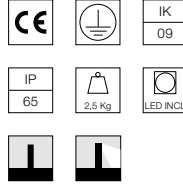
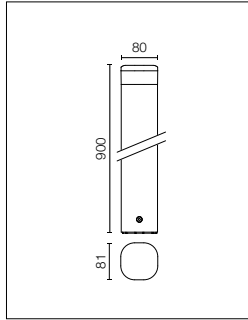
### 4000K

Non Dimmable

- F023E4BA001
- F023E4BA006
- F023E4BA012
- F023E4BA018
- F023E4BA030
- F023E4BA033
- 1-10V
- F023E4BB001
- F023E4BB006
- F023E4BB012
- F023E4BB018
- F023E4BB030
- F023E4BB033
- Dali
- F023E4BD001
- F023E4BD006
- F023E4BD012
- F023E4BD018
- F023E4BD030
- F023E4BD033



## Pointbreak Bollard 1 - 900



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023E2CA001
- F023E2CA006
- F023E2CA012
- F023E2CA018
- F023E2CA030
- F023E2CA033

1-10V

- F023E2CB001
- F023E2CB006
- F023E2CB012
- F023E2CB018
- F023E2CB030
- F023E2CB033

Dali

- F023E2CD001
- F023E2CD006
- F023E2CD012
- F023E2CD018
- F023E2CD030
- F023E2CD033

### 3000K

Non Dimmable

- F023E3CA001
- F023E3CA006
- F023E3CA012
- F023E3CA018
- F023E3CA030
- F023E3CA033

1-10V

- F023E3CB001
- F023E3CB006
- F023E3CB012
- F023E3CB018
- F023E3CB030
- F023E3CB033

Dali

- F023E3CD001
- F023E3CD006
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- F023E3CD033

### 4000K

Non Dimmable

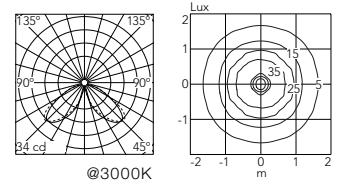
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- F023E4CA018
- F023E4CA030
- F023E4CA033

1-10V

- F023E4CB001
- F023E4CB006
- F023E4CB012
- F023E4CB018
- F023E4CB030
- F023E4CB033

Dali

- F023E4CD001
- F023E4CD006
- F023E4CD012
- F023E4CD018
- F023E4CD030
- F023E4CD033



## Pointbreak Mono Emission 180°

Pointbreak Bollard ist auch in einer Version mit einfacher Emission (180°) erhältlich, dank eines speziell geformten Verschlusses, der in die wasserdichte optische Einheit integriert ist.

Pointbreak Bollard is also available as a single-emission version (180°) thanks to a special shaped shutter integrated in the watertight optical unit.

Auf Wunsch kann der Lichtaustritt auf 90° oder 270° modifiziert werden.

On request, the beam can be modified to 90° or 270°.



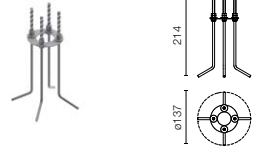
\* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak: Zubehör / Accessories

Stiftschraubenplatte.

Base plate with bolt.

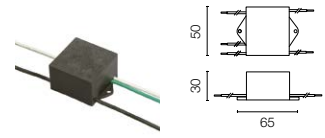
Pointbreak Bollard 1  
F023Z050000



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

Pointbreak Bollard  
F990E00A000

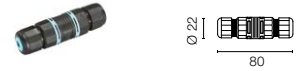


## Pointbreak: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig.

2 way terminal block 4 poles  
IP68 H2O Stop.

F990C00A000



Verbindungssystem,  
IP68, 3/4-Wege-H2O-  
Antikondensat, 4-polig,  
(ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm  
cable).

F990C010000



## Pointbreak: Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit  
fliegendem Stecker + EU-  
Stecker IP68.

Connector kit 5-pole flying  
socket + EU plug IP68.

F990C080000



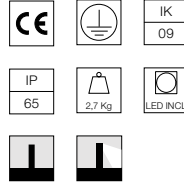
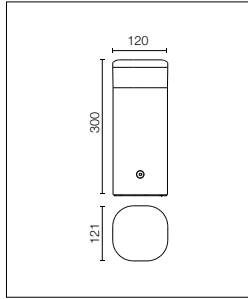
4-Wege-Abzweigdose  
5-polig, IP68 (6-14 mm-  
Kabel).

4 way junction box 5 poles  
IP68 (6-14 mm cables).

F990C030000



## Pointbreak Bollard 2 - 300



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023F2AA001
- F023F2AA006
- F023F2AA012
- F023F2AA018
- F023F2AA030
- F023F2AA033
- 1-10V
- F023F2AB001
- F023F2AB006
- F023F2AB012
- F023F2AB018
- F023F2AB030
- F023F2AB033
- Dali
- F023F2AD001
- F023F2AD006
- F023F2AD012
- F023F2AD018
- F023F2AD030
- F023F2AD033

### 3000K

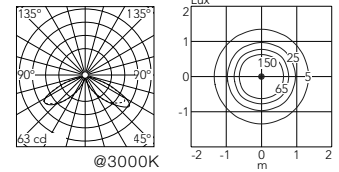
Non Dimmable

- F023F3AA001
- F023F3AA006
- F023F3AA012
- F023F3AA018
- F023F3AA030
- F023F3AA033
- 1-10V
- F023F3AB001
- F023F3AB006
- F023F3AB012
- F023F3AB018
- F023F3AB030
- F023F3AB033
- Dali
- F023F3AD001
- F023F3AD006
- F023F3AD012
- F023F3AD018
- F023F3AD030
- F023F3AD033

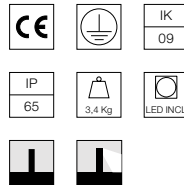
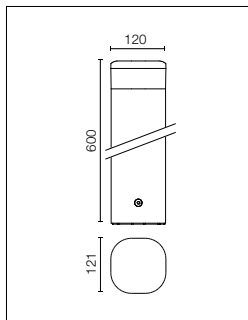
### 4000K

Non Dimmable

- F023F4AA001
- F023F4AA006
- F023F4AA012
- F023F4AA018
- F023F4AA030
- F023F4AA033
- 1-10V
- F023F4AB001
- F023F4AB006
- F023F4AB012
- F023F4AB018
- F023F4AB030
- F023F4AB033
- Dali
- F023F4AD001
- F023F4AD006
- F023F4AD012
- F023F4AD018
- F023F4AD030
- F023F4AD033



## Pointbreak Bollard 2 - 600



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023F2BA001
- F023F2BA006
- F023F2BA012
- F023F2BA018
- F023F2BA030
- F023F2BA033
- 1-10V
- F023F2BB001
- F023F2BB006
- F023F2BB012
- F023F2BB018
- F023F2BB030
- F023F2BB033
- Dali
- F023F2BD001
- F023F2BD006
- F023F2BD012
- F023F2BD018
- F023F2BD030
- F023F2BD033

### 3000K

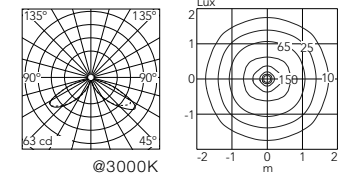
Non Dimmable

- F023F3BA001
- F023F3BA006
- F023F3BA012
- F023F3BA018
- F023F3BA030
- F023F3BA033
- 1-10V
- F023F3BB001
- F023F3BB006
- F023F3BB012
- F023F3BB018
- F023F3BB030
- F023F3BB033
- Dali
- F023F3BD001
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- F023F3BD012
- F023F3BD018
- F023F3BD030
- F023F3BD033

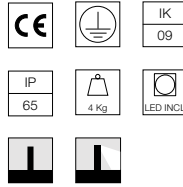
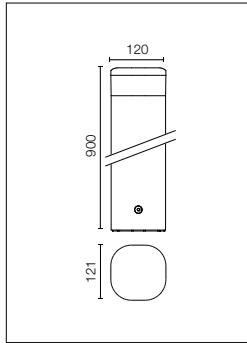
### 4000K

Non Dimmable

- F023F4BA001
- F023F4BA006
- F023F4BA012
- F023F4BA018
- F023F4BA030
- F023F4BA033
- 1-10V
- F023F4BB001
- F023F4BB006
- F023F4BB012
- F023F4BB018
- F023F4BB030
- F023F4BB033
- Dali
- F023F4BD001
- F023F4BD006
- F023F4BD012
- F023F4BD018
- F023F4BD030
- F023F4BD033



## Pointbreak Bollard 2 - 900



Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240 V ON/OFF und  
dimmbar 1-10 V oder DALI.  
Ausgestattet mit einem Stück  
Neopren-Ausgangskabel. IP68  
Abzweigsystem muss separat  
bestellt werden. Die Leuchte  
kann mit Hilfe von Dübeln einfach  
auf jedem Bodentyp installiert  
werden. Die Ankerplatte für den  
Einbau in Betonpflaster muss  
separat bestellt werden.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power. Equipped with  
one piece of neoprene output  
cable. IP68 junction system to be  
ordered separately. The luminaire  
may be easily installed on any  
type of floor with anchors. The  
anchoring plate for installation on  
flooring to be concreted must be  
ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V /  
12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023F2CA001
- F023F2CA006
- F023F2CA012
- F023F2CA018
- F023F2CA030
- F023F2CA033

1-10V

- F023F2CB001
- F023F2CB006
- F023F2CB012
- F023F2CB018
- F023F2CB030
- F023F2CB033

Dali

- F023F2CD001
- F023F2CD006
- F023F2CD012
- F023F2CD018
- F023F2CD030
- F023F2CD033

### 3000K

Non Dimmable

- F023F3CA001
- F023F3CA006
- F023F3CA012
- F023F3CA018
- F023F3CA030
- F023F3CA033

1-10V

- F023F3CB001
- F023F3CB006
- F023F3CB012
- F023F3CB018
- F023F3CB030
- F023F3CB033

Dali

- F023F3CD001
- F023F3CD006
- F023F3CD012
- F023F3CD018
- F023F3CD030
- F023F3CD033

### 4000K

Non Dimmable

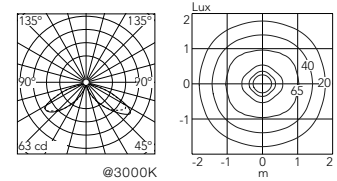
- F023F4CA001
- F023F4CA006
- F023F4CA012
- F023F4CA018
- F023F4CA030
- F023F4CA033

1-10V

- F023F4CB001
- F023F4CB006
- F023F4CB012
- F023F4CB018
- F023F4CB030
- F023F4CB033

Dali

- F023F4CD001
- F023F4CD006
- F023F4CD012
- F023F4CD018
- F023F4CD030
- F023F4CD033



## Pointbreak Mono Emission 180°

Pointbreak Bollard ist auch  
in einer Version mit einfacher  
Emission (180°) erhältlich,  
dank eines speziell geformten  
Verschlusses, der in die  
wasserdichte optische Einheit  
integriert ist.

Auf Wunsch kann der  
Lichtaustritt auf 90° oder  
270° modifiziert werden.


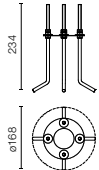

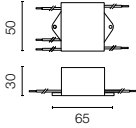
Pointbreak Bollard is also  
available as a single-emission  
version (180°) thanks to  
a special shaped shutter  
integrated in the watertight  
optical unit.

On request, the beam can be  
modified to 90° or 270°.

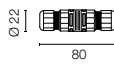




## Pointbreak: Zubehör / Accessories

Stiftschraubenplatte.	Base plate with bolt.	Pointbreak Bollard 2 F023Z060000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.	Pointbreak Bollard F990E00A000		

## Pointbreak: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

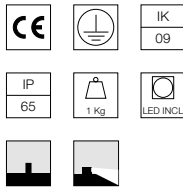
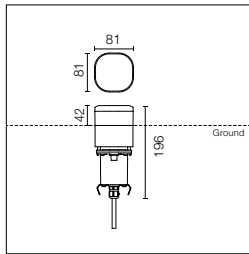
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O- Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		

## Pointbreak: Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit fliegendem Stecker + EU- Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm- Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		

\* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak Balisage 1 - 40



Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240 V ON/OFF und dimmbar  
1-10 V oder DALI.  
Ausgestattet mit einem Stück  
Neopren-Ausgangskabel. IP68  
Abzweigsystem muss separat  
bestellt werden. Die Leuchte  
muss mit der obligatorischen  
Schalung installiert werden, die  
separat bestellt werden muss.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power. Equipped  
with one piece of neoprene  
output cable. IP68 junction  
system to be ordered separately.  
Luminaire must be installed with  
mandatory box for installation,  
ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 5,6W - 576 lm  $\neq$  FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm  $\neq$  FIXT 285 lm - 3000K/CRI>80 - 220-240V /  
5,6W - 625 lm  $\neq$  FIXT 307 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023B2AA001
- F023B2AA006
- F023B2AA012
- F023B2AA018
- F023B2AA030
- F023B2AA033
- 1-10V
- F023B2AB001
- F023B2AB006
- F023B2AB012
- F023B2AB018
- F023B2AB030
- F023B2AB033
- Dali
- F023B2AD001
- F023B2AD006
- F023B2AD012
- F023B2AD018
- F023B2AD030
- F023B2AD033

### 3000K

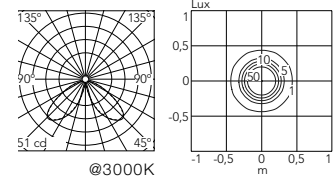
Non Dimmable

- F023B3AA001
- F023B3AA006
- F023B3AA012
- F023B3AA018
- F023B3AA030
- F023B3AA033
- 1-10V
- F023B3AB001
- F023B3AB006
- F023B3AB012
- F023B3AB018
- F023B3AB030
- F023B3AB033
- Dali
- F023B3AD001
- F023B3AD006
- F023B3AD012
- F023B3AD018
- F023B3AD030
- F023B3AD033

### 4000K

Non Dimmable

- F023B4AA001
- F023B4AA006
- F023B4AA012
- F023B4AA018
- F023B4AA030
- F023B4AA033
- 1-10V
- F023B4AB001
- F023B4AB006
- F023B4AB012
- F023B4AB018
- F023B4AB030
- F023B4AB033
- Dali
- F023B4AD001
- F023B4AD006
- F023B4AD012
- F023B4AD018
- F023B4AD030
- F023B4AD033

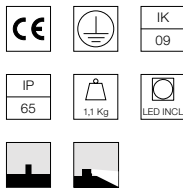
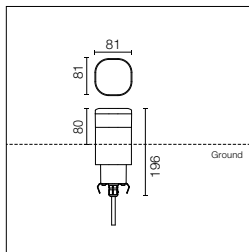


Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z020000



## Pointbreak Balisage 1 - 80



Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240 V ON/OFF und dimmbar  
1-10 V oder DALI. Ausgestattet  
mit einem Stück Neopren-Aus-  
gangskabel. IP68 Abzweigsystem  
muss separat bestellt werden. Die  
Leuchte muss mit der obligatori-  
schen Schalung installiert werden,  
die separat bestellt werden muss.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power. Equipped  
with one piece of neoprene  
output cable. IP68 junction  
system to be ordered separately.  
Luminaire must be installed with  
mandatory box for installation,  
ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 5,6W - 576 lm  $\neq$  FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm  $\neq$  FIXT 285 lm - 3000K/CRI>80 - 220-240V /  
5,6W - 625 lm  $\neq$  FIXT 307 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023B2BA001
- F023B2BA006
- F023B2BA012
- F023B2BA018
- F023B2BA030
- F023B2BA033
- 1-10V
- F023B2BB001
- F023B2BB006
- F023B2BB012
- F023B2BB018
- F023B2BB030
- F023B2BB033
- Dali
- F023B2BD001
- F023B2BD006
- F023B2BD012
- F023B2BD018
- F023B2BD030
- F023B2BD033

### 3000K

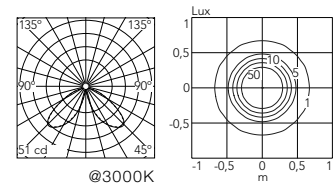
Non Dimmable

- F023B3BA001
- F023B3BA006
- F023B3BA012
- F023B3BA018
- F023B3BA030
- F023B3BA033
- 1-10V
- F023B3BB001
- F023B3BB006
- F023B3BB012
- F023B3BB018
- F023B3BB030
- F023B3BB033
- Dali
- F023B3BD001
- F023B3BD006
- F023B3BD012
- F023B3BD018
- F023B3BD030
- F023B3BD033

### 4000K

Non Dimmable

- F023B4BA001
- F023B4BA006
- F023B4BA012
- F023B4BA018
- F023B4BA030
- F023B4BA033
- 1-10V
- F023B4BB001
- F023B4BB006
- F023B4BB012
- F023B4BB018
- F023B4BB030
- F023B4BB033
- Dali
- F023B4BD001
- F023B4BD006
- F023B4BD012
- F023B4BD018
- F023B4BD030
- F023B4BD033



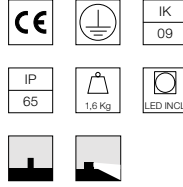
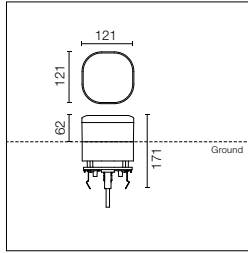
Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z020000



\* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak Balisage 2 - 60



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023C2CA001
- F023C2CA006
- F023C2CA012
- F023C2CA018
- F023C2CA030
- F023C2CA033
- 1-10V
- F023C2CB001
- F023C2CB006
- F023C2CB012
- F023C2CB018
- F023C2CB030
- F023C2CB033
- Dali
- F023C2CD001
- F023C2CD006
- F023C2CD012
- F023C2CD018
- F023C2CD030
- F023C2CD033

### 3000K

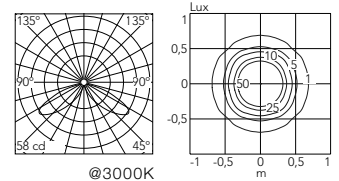
Non Dimmable

- F023C3CA001
- F023C3CA006
- F023C3CA012
- F023C3CA018
- F023C3CA030
- F023C3CA033
- 1-10V
- F023C3CB001
- F023C3CB006
- F023C3CB012
- F023C3CB018
- F023C3CB030
- F023C3CB033
- Dali
- F023C3CD001
- F023C3CD006
- F023C3CD012
- F023C3CD018
- F023C3CD030
- F023C3CD033

### 4000K

Non Dimmable

- F023C4CA001
- F023C4CA006
- F023C4CA012
- F023C4CA018
- F023C4CA030
- F023C4CA033
- 1-10V
- F023C4CB001
- F023C4CB006
- F023C4CB012
- F023C4CB018
- F023C4CB030
- F023C4CB033
- Dali
- F023C4CD001
- F023C4CD006
- F023C4CD012
- F023C4CD018
- F023C4CD030
- F023C4CD033

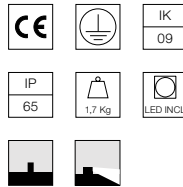
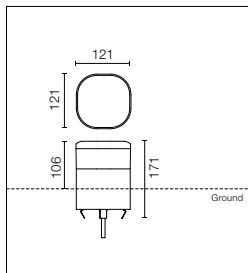


Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z030000



## Pointbreak Balisage 2 - 105



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023C2DA001
- F023C2DA006
- F023C2DA012
- F023C2DA018
- F023C2DA030
- F023C2DA033
- 1-10V
- F023C2DB001
- F023C2DB006
- F023C2DB012
- F023C2DB018
- F023C2DB030
- F023C2DB033
- Dali
- F023C2DD001
- F023C2DD006
- F023C2DD012
- F023C2DD018
- F023C2DD030
- F023C2DD033

### 3000K

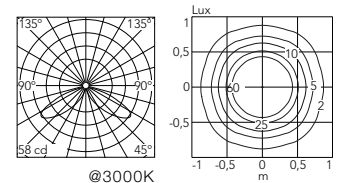
Non Dimmable

- F023C3DA001
- F023C3DA006
- F023C3DA012
- F023C3DA018
- F023C3DA030
- F023C3DA033
- 1-10V
- F023C3DB001
- F023C3DB006
- F023C3DB012
- F023C3DB018
- F023C3DB030
- F023C3DB033
- Dali
- F023C3DD001
- F023C3DD006
- F023C3DD012
- F023C3DD018
- F023C3DD030
- F023C3DD033

### 4000K

Non Dimmable

- F023C4DA001
- F023C4DA006
- F023C4DA012
- F023C4DA018
- F023C4DA030
- F023C4DA033
- 1-10V
- F023C4DB001
- F023C4DB006
- F023C4DB012
- F023C4DB018
- F023C4DB030
- F023C4DB033
- Dali
- F023C4DD001
- F023C4DD006
- F023C4DD012
- F023C4DD018
- F023C4DD030
- F023C4DD033



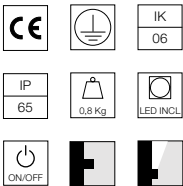
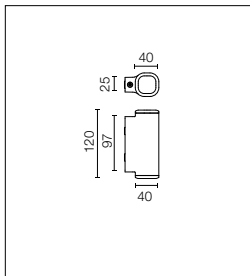
Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z040000



\* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

**Pointbreak Wall 0 Up**



Inklusive LED-Lichtquelle.  
Integrierte 220-240 V ON/  
OFF-Stromversorgung.  
Ausgestattet mit IP65  
Gummitülle und 2-poligen  
Schnellanschlussklemmen.

LED light source included.  
Integrated 220-240V ON/OFF  
electrical power. Equipped  
with IP65 rubber grommet and  
2-pole quick-connect terminals.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot**

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ \*FIXT 108 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023G2EA001
- F023G2EA006
- F023G2EA012
- F023G2EA018
- F023G2EA030
- F023G2EA033

**3000K**

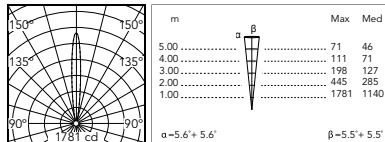
Non Dimmable

- F023G3EA001
- F023G3EA006
- F023G3EA012
- F023G3EA018
- F023G3EA030
- F023G3EA033

**4000K**

Non Dimmable

- F023G4EA001
- F023G4EA006
- F023G4EA012
- F023G4EA018
- F023G4EA030
- F023G4EA033



@3000K

**Optic Medium**

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 102 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 106 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ \*FIXT 110 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023G2FA001
- F023G2FA006
- F023G2FA012
- F023G2FA018
- F023G2FA030
- F023G2FA033

**3000K**

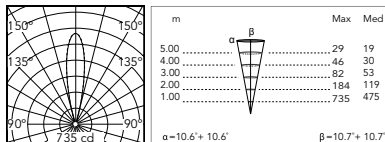
Non Dimmable

- F023G3FA001
- F023G3FA006
- F023G3FA012
- F023G3FA018
- F023G3FA030
- F023G3FA033

**4000K**

Non Dimmable

- F023G4FA001
- F023G4FA006
- F023G4FA012
- F023G4FA018
- F023G4FA030
- F023G4FA033



@3000K

**Optic Flood**

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ \*FIXT 108 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023G2GA001
- F023G2GA006
- F023G2GA012
- F023G2GA018
- F023G2GA030
- F023G2GA033

**3000K**

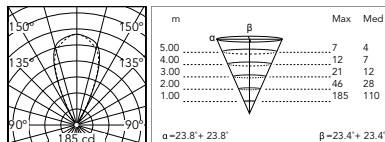
Non Dimmable

- F023G3GA001
- F023G3GA006
- F023G3GA012
- F023G3GA018
- F023G3GA030
- F023G3GA033

**4000K**

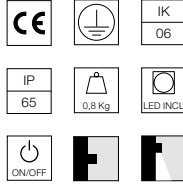
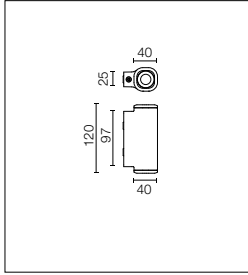
Non Dimmable

- F023G4GA001
- F023G4GA006
- F023G4GA012
- F023G4GA018
- F023G4GA030
- F023G4GA033



@3000K

# Pointbreak Wall 0 Down



Inklusive LED-Lichtquelle.  
Integrierte 220-240 V ON/  
OFF-Stromversorgung.  
Ausgestattet mit IP65  
Gummitülle und 2-poligen  
Schnellanschlussklemmen.

LED light source included.  
Integrated 220-240V ON/OFF  
electrical power. Equipped  
with IP65 rubber grommet and  
2-pole quick-connect terminals.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 108 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G2JA001
- F023G2JA006
- F023G2JA012
- F023G2JA018
- F023G2JA030
- F023G2JA033

### 3000K

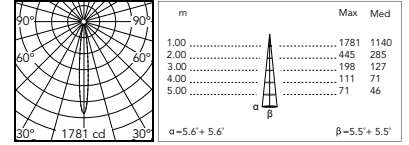
Non Dimmable

- F023G3JA001
- F023G3JA006
- F023G3JA012
- F023G3JA018
- F023G3JA030
- F023G3JA033

### 4000K

Non Dimmable

- F023G4JA001
- F023G4JA006
- F023G4JA012
- F023G4JA018
- F023G4JA030
- F023G4JA033



@3000K

## Optic Medium

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 102 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 106 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 110 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G2KA001
- F023G2KA006
- F023G2KA012
- F023G2KA018
- F023G2KA030
- F023G2KA033

### 3000K

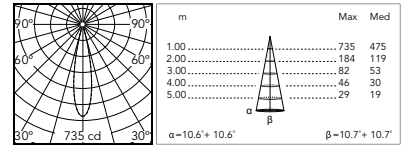
Non Dimmable

- F023G3KA001
- F023G3KA006
- F023G3KA012
- F023G3KA018
- F023G3KA030
- F023G3KA033

### 4000K

Non Dimmable

- F023G4KA001
- F023G4KA006
- F023G4KA012
- F023G4KA018
- F023G4KA030
- F023G4KA033



@3000K

## Optic Flood

**Power Led:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 108 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G2LA001
- F023G2LA006
- F023G2LA012
- F023G2LA018
- F023G2LA030
- F023G2LA033

### 3000K

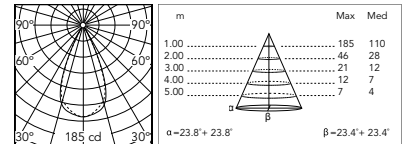
Non Dimmable

- F023G3LA001
- F023G3LA006
- F023G3LA012
- F023G3LA018
- F023G3LA030
- F023G3LA033

### 4000K

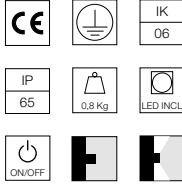
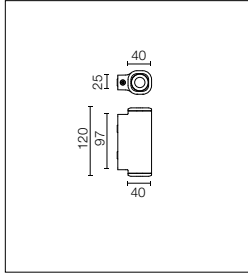
Non Dimmable

- F023G4LA001
- F023G4LA006
- F023G4LA012
- F023G4LA018
- F023G4LA030
- F023G4LA033



@3000K

# Pointbreak Wall 0 Up&Down



Inklusive LED-Lichtquelle.  
Integrierte 220-240 V ON/  
OFF-Stromversorgung.  
Ausgestattet mit IP65  
Gummitülle und 2-poligen  
Schnellanschlussklemmen.

LED light source included.  
Integrated 220-240V ON/OFF  
electrical power. Equipped  
with IP65 rubber grommet and  
2-pole quick-connect terminals.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot

**Power Led:** 3,1W - 2x139 lm ≠ \*FIXT 2x101 lm - 2700K/CRI>80 - 220-240V / 3,1W - 2x149 lm ≠ \*FIXT 2x104 lm - 3000K/CRI>80 - 220-240V / 3,1W - 2x154 lm ≠ \*FIXT 2x108 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G25A001
- F023G25A006
- F023G25A012
- F023G25A018
- F023G25A030
- F023G25A033

### 3000K

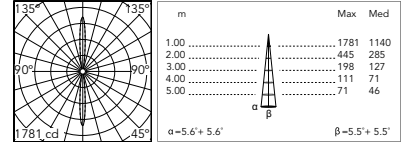
Non Dimmable

- F023G35A001
- F023G35A006
- F023G35A012
- F023G35A018
- F023G35A030
- F023G35A033

### 4000K

Non Dimmable

- F023G45A001
- F023G45A006
- F023G45A012
- F023G45A018
- F023G45A030
- F023G45A033



@3000K

## Optic Medium

**Power Led:** 3,1W - 2x139 lm ≠ \*FIXT 2x102 lm - 2700K/CRI>80 - 220-240V / 3,1W - 2x149 lm ≠ \*FIXT 2x106 lm - 3000K/CRI>80 - 220-240V / 3,1W - 2x154 lm ≠ \*FIXT 2x110 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G26A001
- F023G26A006
- F023G26A012
- F023G26A018
- F023G26A030
- F023G26A033

### 3000K

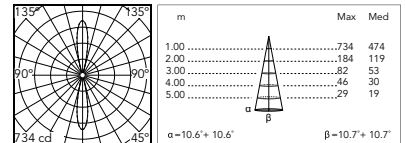
Non Dimmable

- F023G36A001
- F023G36A006
- F023G36A012
- F023G36A018
- F023G36A030
- F023G36A033

### 4000K

Non Dimmable

- F023G46A001
- F023G46A006
- F023G46A012
- F023G46A018
- F023G46A030
- F023G46A033



@3000K

## Optic Flood

**Power Led:** 3,1W - 2x139 lm ≠ \*FIXT 2x101 lm - 2700K/CRI>80 - 220-240V / 3,1W - 2x149 lm ≠ \*FIXT 2x104 lm - 3000K/CRI>80 - 220-240V / 3,1W - 2x154 lm ≠ \*FIXT 2x108 lm - 4000/CRI>80 - 220-240V  
\*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F023G27A001
- F023G27A006
- F023G27A012
- F023G27A018
- F023G27A030
- F023G27A033

### 3000K

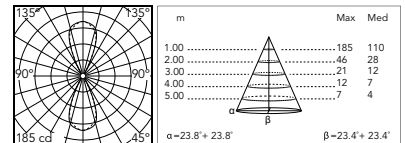
Non Dimmable

- F023G37A001
- F023G37A006
- F023G37A012
- F023G37A018
- F023G37A030
- F023G37A033

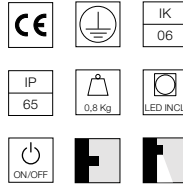
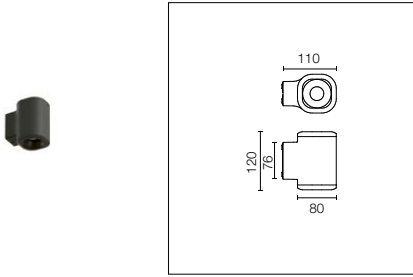
### 4000K

Non Dimmable

- F023G47A001
- F023G47A006
- F023G47A012
- F023G47A018
- F023G47A030
- F023G47A033



@3000K



Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/OFF-Stromversorgung. Ausgestattet mit doppelten Kabelverschraubungen für Eingangs- und Ausgangsanschluss. Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for inlet and outlet connection. Upwards, single emission version, available upon request.

**Optic Spot**

**Power LED:** 5,5W - 543 lm ≠ FIXT 319 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 335 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 367 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023H21A001
- F023H21A006
- F023H21A012
- F023H21A018
- F023H21A030
- F023H21A033

**3000K**

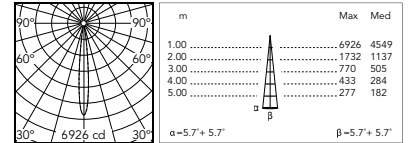
Non Dimmable

- F023H31A001
- F023H31A006
- F023H31A012
- F023H31A018
- F023H31A030
- F023H31A033

**4000K**

Non Dimmable

- F023H41A001
- F023H41A006
- F023H41A012
- F023H41A018
- F023H41A030
- F023H41A033



@3000K

**Optic Medium**

**Power LED:** 5,5W - 543 lm ≠ FIXT 350 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 367 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 402 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023H22A001
- F023H22A006
- F023H22A012
- F023H22A018
- F023H22A030
- F023H22A033

**3000K**

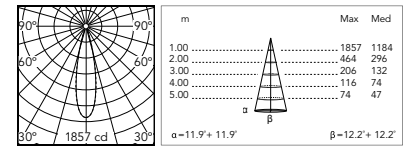
Non Dimmable

- F023H32A001
- F023H32A006
- F023H32A012
- F023H32A018
- F023H32A030
- F023H32A033

**4000K**

Non Dimmable

- F023H42A001
- F023H42A006
- F023H42A012
- F023H42A018
- F023H42A030
- F023H42A033



@3000K

**Optic Flood**

**Power LED:** 5,5W - 543 lm ≠ FIXT 311 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 325 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 356 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023H23A001
- F023H23A006
- F023H23A012
- F023H23A018
- F023H23A030
- F023H23A033

**3000K**

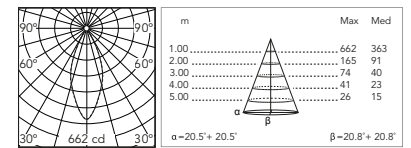
Non Dimmable

- F023H33A001
- F023H33A006
- F023H33A012
- F023H33A018
- F023H33A030
- F023H33A033

**4000K**

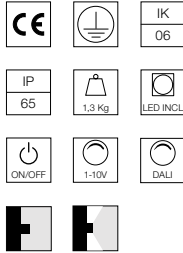
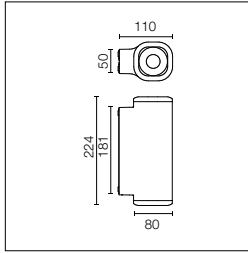
Non Dimmable

- F023H43A001
- F023H43A006
- F023H43A012
- F023H43A018
- F023H43A030
- F023H43A033



@3000K

# Pointbreak Wall 1 Up&Down



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss. Version Monoemission nach oben oder Monoemission nach unten auf Anfrage.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with double cable gland for inlet and outlet connection. Upon request: Single upwards emission or single downwards emission.

## Optic Spot

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x319 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x335 lm - 3000K/CRI>80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x367 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023H25A001
- F023H25A006
- F023H25A012
- F023H25A018
- F023H25A030
- F023H25A033
- 1-10V
- F023H25B001
- F023H25B006
- F023H25B012
- F023H25B018
- F023H25B030
- F023H25B033
- Dali
- F023H25D001
- F023H25D006
- F023H25D012
- F023H25D018
- F023H25D030
- F023H25D033

### 3000K

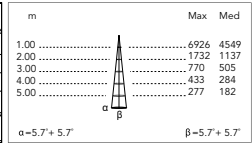
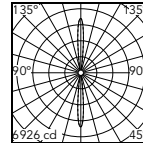
Non Dimmable

- F023H35A001
- F023H35A006
- F023H35A012
- F023H35A018
- F023H35A030
- F023H35A033
- 1-10V
- F023H35B001
- F023H35B006
- F023H35B012
- F023H35B018
- F023H35B030
- F023H35B033
- Dali
- F023H35D001
- F023H35D006
- F023H35D012
- F023H35D018
- F023H35D030
- F023H35D033

### 4000K

Non Dimmable

- F023H45A001
- F023H45A006
- F023H45A012
- F023H45A018
- F023H45A030
- F023H45A033
- 1-10V
- F023H45B001
- F023H45B006
- F023H45B012
- F023H45B018
- F023H45B030
- F023H45B033
- Dali
- F023H45D001
- F023H45D006
- F023H45D012
- F023H45D018
- F023H45D030
- F023H45D033



@3000K

## Optic Medium

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x319 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x367 lm - 3000K/CRI>80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x402 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023H26A001
- F023H26A006
- F023H26A012
- F023H26A018
- F023H26A030
- F023H26A033
- 1-10V
- F023H26B001
- F023H26B006
- F023H26B012
- F023H26B018
- F023H26B030
- F023H26B033
- Dali
- F023H26D001
- F023H26D006
- F023H26D012
- F023H26D018
- F023H26D030
- F023H26D033

### 3000K

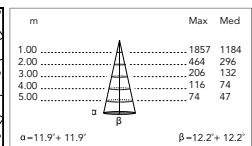
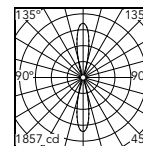
Non Dimmable

- F023H36A001
- F023H36A006
- F023H36A012
- F023H36A018
- F023H36A030
- F023H36A033
- 1-10V
- F023H36B001
- F023H36B006
- F023H36B012
- F023H36B018
- F023H36B030
- F023H36B033
- Dali
- F023H36D001
- F023H36D006
- F023H36D012
- F023H36D018
- F023H36D030
- F023H36D033

### 4000K

Non Dimmable

- F023H46A001
- F023H46A006
- F023H46A012
- F023H46A018
- F023H46A030
- F023H46A033
- 1-10V
- F023H46B001
- F023H46B006
- F023H46B012
- F023H46B018
- F023H46B030
- F023H46B033
- Dali
- F023H46D001
- F023H46D006
- F023H46D012
- F023H46D018
- F023H46D030
- F023H46D033



@3000K

\* Vorläufige technische Daten. / Preliminary technical specs.



## Optic Flood

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x311 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x325 lm - 3000K/CRI>80 - 220-240V /  
12W - 2x597 lm ≠ FIXT 2x356 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023H27A001
- F023H27A006
- F023H27A012
- F023H27A018
- F023H27A030
- F023H27A033

1-10V

- F023H27B001
- F023H27B006
- F023H27B012
- F023H27B018
- F023H27B030
- F023H27B033

Dali

- F023H27D001
- F023H27D006
- F023H27D012
- F023H27D018
- F023H27D030
- F023H27D033

### 3000K

Non Dimmable

- F023H37A001
- F023H37A006
- F023H37A012
- F023H37A018
- F023H37A030
- F023H37A033

1-10V

- F023H37B001
- F023H37B006
- F023H37B012
- F023H37B018
- F023H37B030
- F023H37B033

Dali

- F023H37D001
- F023H37D006
- F023H37D012
- F023H37D018
- F023H37D030
- F023H37D033

### 4000K

Non Dimmable

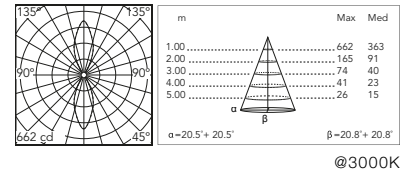
- F023H47A001
- F023H47A006
- F023H47A012
- F023H47A018
- F023H47A030
- F023H47A033

1-10V

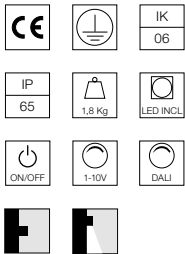
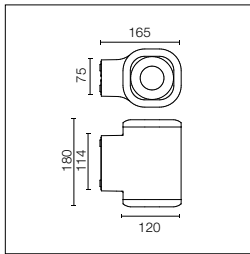
- F023H47B001
- F023H47B006
- F023H47B012
- F023H47B018
- F023H47B030
- F023H47B033

Dali

- F023H47D001
- F023H47D006
- F023H47D012
- F023H47D018
- F023H47D030
- F023H47D033



# Pointbreak Wall 2 Down



Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240 V ON/OFF und dimmbar  
1-10 V oder DALI.  
Ausgestattet mit doppelten  
Kabeldurchführungen  
für den Eingangs- und  
Ausgangsanschluss.  
Aufwärts gerichtete  
Monoemissions-Version auf  
Anfrage erhältlich.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power.  
Equipped with double cable  
gland for inlet and outlet  
connection.  
Upwards, single emission  
version, available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot

**Power Led:** 17W - 1890 lm ≠ FIXT 1108 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm ≠ FIXT 1149 lm - 3000K/CRI>80 - 220-240V /  
17W - 2030 lm ≠ FIXT 1190 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J21A001
- F023J21A006
- F023J21A012
- F023J21A018
- F023J21A030
- F023J21A033
- 1-10V
- F023J21B001
- F023J21B006
- F023J21B012
- F023J21B018
- F023J21B030
- F023J21B033
- Dali
- F023J21D001
- F023J21D006
- F023J21D012
- F023J21D018
- F023J21D030
- F023J21D033

### 3000K

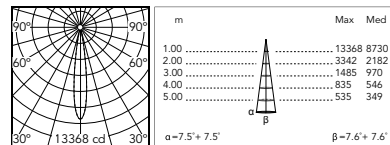
Non Dimmable

- F023J31A001
- F023J31A006
- F023J31A012
- F023J31A018
- F023J31A030
- F023J31A033
- 1-10V
- F023J31B001
- F023J31B006
- F023J31B012
- F023J31B018
- F023J31B030
- F023J31B033
- Dali
- F023J31D001
- F023J31D006
- F023J31D012
- F023J31D018
- F023J31D030
- F023J31D033

### 4000K

Non Dimmable

- F023J41A001
- F023J41A006
- F023J41A012
- F023J41A018
- F023J41A030
- F023J41A033
- 1-10V
- F023J41B001
- F023J41B006
- F023J41B012
- F023J41B018
- F023J41B030
- F023J41B033
- Dali
- F023J41D001
- F023J41D006
- F023J41D012
- F023J41D018
- F023J41D030
- F023J41D033



@3000K

## Optic Medium

**Power Led:** 17W - 1890 lm ≠ FIXT 1215 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm ≠ FIXT 1260 lm - 3000K/CRI>80 - 220-240V /  
17W - 2030 lm ≠ FIXT 1305 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J22A001
- F023J22A006
- F023J22A012
- F023J22A018
- F023J22A030
- F023J22A033
- 1-10V
- F023J22B001
- F023J22B006
- F023J22B012
- F023J22B018
- F023J22B030
- F023J22B033
- Dali
- F023J22D001
- F023J22D006
- F023J22D012
- F023J22D018
- F023J22D030
- F023J22D033

### 3000K

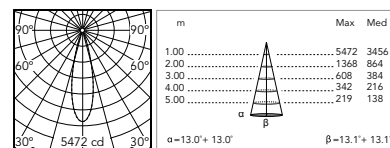
Non Dimmable

- F023J32A001
- F023J32A006
- F023J32A012
- F023J32A018
- F023J32A030
- F023J32A033
- 1-10V
- F023J32B001
- F023J32B006
- F023J32B012
- F023J32B018
- F023J32B030
- F023J32B033
- Dali
- F023J32D001
- F023J32D006
- F023J32D012
- F023J32D018
- F023J32D030
- F023J32D033

### 4000K

Non Dimmable

- F023J42A001
- F023J42A006
- F023J42A012
- F023J42A018
- F023J42A030
- F023J42A033
- 1-10V
- F023J42B001
- F023J42B006
- F023J42B012
- F023J42B018
- F023J42B030
- F023J42B033
- Dali
- F023J42D001
- F023J42D006
- F023J42D012
- F023J42D018
- F023J42D030
- F023J42D033



@3000K

\* Vorläufige technische Daten. / Preliminary technical specs.

## Optic Flood

**Power Led:** 17W - 1890 lm  $\neq$  FIXT 1222 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm  $\neq$  FIXT 1267 lm - 3000K/CRI>80 - 220-240V /  
17W - 2030 lm  $\neq$  FIXT 1311 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J23A001
- F023J23A006
- F023J23A012
- F023J23A018
- F023J23A030
- F023J23A033

1-10V

- F023J23B001
- F023J23B006
- F023J23B012
- F023J23B018
- F023J23B030
- F023J23B033

Dali

- F023J23D001
- F023J23D006
- F023J23D012
- F023J23D018
- F023J23D030
- F023J23D033

### 3000K

Non Dimmable

- F023J33A001
- F023J33A006
- F023J33A012
- F023J33A018
- F023J33A030
- F023J33A033

1-10V

- F023J33B001
- F023J33B006
- F023J33B012
- F023J33B018
- F023J33B030
- F023J33B033

Dali

- F023J33D001
- F023J33D006
- F023J33D012
- F023J33D018
- F023J33D030
- F023J33D033

### 4000K

Non Dimmable

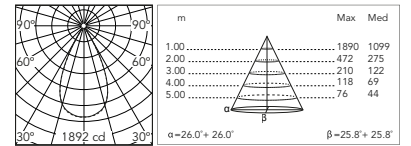
- F023J43A001
- F023J43A006
- F023J43A012
- F023J43A018
- F023J43A030
- F023J43A033

1-10V

- F023J43B001
- F023J43B006
- F023J43B012
- F023J43B018
- F023J43B030
- F023J43B033

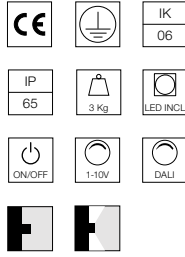
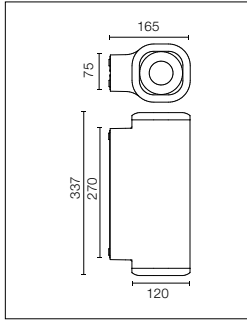
Dali

- F023J43D001
- F023J43D006
- F023J43D012
- F023J43D018
- F023J43D030
- F023J43D033



@3000K

## Pointbreak Wall 2 Up&Down



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss. Version Monoemission nach oben oder Monoemission nach unten auf Anfrage.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with double cable gland for inlet and outlet connection. Upon request: Single upwards emission or single downwards emission.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1108 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1149 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1190 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J25A001
- F023J25A006
- F023J25A012
- F023J25A018
- F023J25A030
- F023J25A033
- 1-10V
- F023J25B001
- F023J25B006
- F023J25B012
- F023J25B018
- F023J25B030
- F023J25B033
- Dali
- F023J25D001
- F023J25D006
- F023J25D012
- F023J25D018
- F023J25D030
- F023J25D033

### 3000K

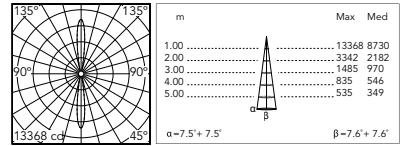
Non Dimmable

- F023J35A001
- F023J35A006
- F023J35A012
- F023J35A018
- F023J35A030
- F023J35A033
- 1-10V
- F023J35B001
- F023J35B006
- F023J35B012
- F023J35B018
- F023J35B030
- F023J35B033
- Dali
- F023J35D001
- F023J35D006
- F023J35D012
- F023J35D018
- F023J35D030
- F023J35D033

### 4000K

Non Dimmable

- F023J45A001
- F023J45A006
- F023J45A012
- F023J45A018
- F023J45A030
- F023J45A033
- 1-10V
- F023J45B001
- F023J45B006
- F023J45B012
- F023J45B018
- F023J45B030
- F023J45B033
- Dali
- F023J45D001
- F023J45D006
- F023J45D012
- F023J45D018
- F023J45D030
- F023J45D033



@3000K

## Optic Medium

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1215 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1260 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1305 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J26A001
- F023J26A006
- F023J26A012
- F023J26A018
- F023J26A030
- F023J26A033
- 1-10V
- F023J26B001
- F023J26B006
- F023J26B012
- F023J26B018
- F023J26B030
- F023J26B033
- Dali
- F023J26D001
- F023J26D006
- F023J26D012
- F023J26D018
- F023J26D030
- F023J26D033

### 3000K

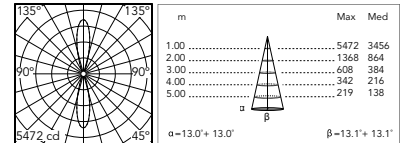
Non Dimmable

- F023J36A001
- F023J36A006
- F023J36A012
- F023J36A018
- F023J36A030
- F023J36A033
- 1-10V
- F023J36B001
- F023J36B006
- F023J36B012
- F023J36B018
- F023J36B030
- F023J36B033
- Dali
- F023J36D001
- F023J36D006
- F023J36D012
- F023J36D018
- F023J36D030
- F023J36D033

### 4000K

Non Dimmable

- F023J46A001
- F023J46A006
- F023J46A012
- F023J46A018
- F023J46A030
- F023J46A033
- 1-10V
- F023J46B001
- F023J46B006
- F023J46B012
- F023J46B018
- F023J46B030
- F023J46B033
- Dali
- F023J46D001
- F023J46D006
- F023J46D012
- F023J46D018
- F023J46D030
- F023J46D033



@3000K

## Optic Flood

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1222 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1267 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1311 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023J27A001
- F023J27A006
- F023J27A012
- F023J27A018
- F023J27A030
- F023J27A033

1-10V

- F023J27B001
- F023J27B006
- F023J27B012
- F023J27B018
- F023J27B030
- F023J27B033

Dali

- F023J27D001
- F023J27D006
- F023J27D012
- F023J27D018
- F023J27D030
- F023J27D033

### 3000K

Non Dimmable

- F023J37A001
- F023J37A006
- F023J37A012
- F023J37A018
- F023J37A030
- F023J37A033

1-10V

- F023J37B001
- F023J37B006
- F023J37B012
- F023J37B018
- F023J37B030
- F023J37B033

Dali

- F023J37D001
- F023J37D006
- F023J37D012
- F023J37D018
- F023J37D030
- F023J37D033

### 4000K

Non Dimmable

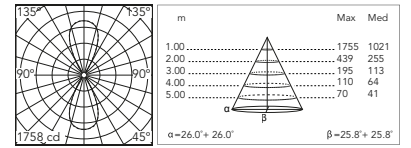
- F023J47A001
- F023J47A006
- F023J47A012
- F023J47A018
- F023J47A030
- F023J47A033

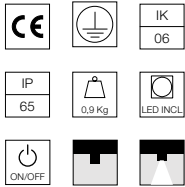
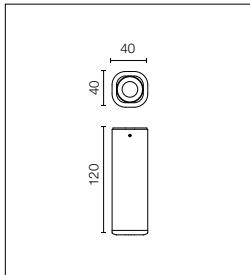
1-10V

- F023J47B001
- F023J47B006
- F023J47B012
- F023J47B018
- F023J47B030
- F023J47B033

Dali

- F023J47D001
- F023J47D006
- F023J47D012
- F023J47D018
- F023J47D030
- F023J47D033





Inklusive LED-Lichtquelle.  
Integrierte 220-240 V ON/  
OFF-Stromversorgung.  
Ausgestattet mit IP65  
Gummitülle und 2-poligen  
Schnellanschlussklemmen.

LED light source included.  
Integrated 220-240V ON/OFF  
electrical power. Equipped  
with IP65 rubber grommet and  
2-pole quick-connect terminals.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot**

**Power LED:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 108 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023K21A001
- F023K21A006
- F023K21A012
- F023K21A018
- F023K21A030
- F023K21A033

**3000K**

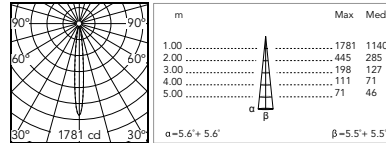
Non Dimmable

- F023K31A001
- F023K31A006
- F023K31A012
- F023K31A018
- F023K31A030
- F023K31A033

**4000K**

Non Dimmable

- F023K41A001
- F023K41A006
- F023K41A012
- F023K41A018
- F023K41A030
- F023K41A033



@3000K

**Optic Medium**

**Power LED:** 2,1W - 139 lm ≠ \*FIXT 102 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 106 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 110 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023K22A001
- F023K22A006
- F023K22A012
- F023K22A018
- F023K22A030
- F023K22A033

**3000K**

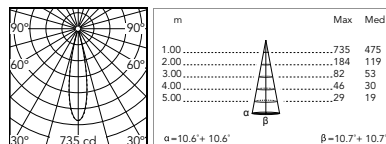
Non Dimmable

- F023K32A001
- F023K32A006
- F023K32A012
- F023K32A018
- F023K32A030
- F023K32A033

**4000K**

Non Dimmable

- F023K42A001
- F023K42A006
- F023K42A012
- F023K42A018
- F023K42A030
- F023K42A033



@3000K

**Optic Flood**

**Power LED:** 2,1W - 139 lm ≠ \*FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ \*FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠

\*FIXT 108 lm - 4000/CRI>80 - 220-240V

\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F023K23A001
- F023K23A006
- F023K23A012
- F023K23A018
- F023K23A030
- F023K23A033

**3000K**

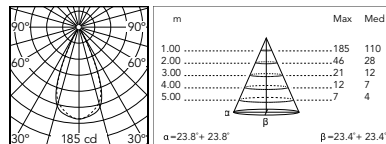
Non Dimmable

- F023K33A001
- F023K33A006
- F023K33A012
- F023K33A018
- F023K33A030
- F023K33A033

**4000K**

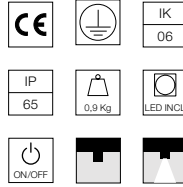
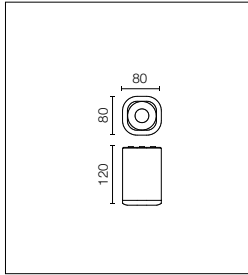
Non Dimmable

- F023K43A001
- F023K43A006
- F023K43A012
- F023K43A018
- F023K43A030
- F023K43A033



@3000K

\* Vorläufige technische Daten. / Preliminary technical specs.



Inklusive LED-Lichtquelle.  
Integrierte 220-240 V ON/  
OFF-Stromversorgung.  
Ausgestattet mit doppelten  
Kabelverschraubungen  
für Eingangs- und  
Ausgangsanschluss.

LED light source included.  
Integrated 220-240V ON/OFF  
electrical power. Equipped with  
double cable gland for inlet and  
outlet connection.

**Optic Spot**

**Power LED:** 5,5W - 543 lm ≠ FIXT 319 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 335 lm - 3000K/CRI>80 - 220-240V /  
5,5W - 597 lm ≠ FIXT 367 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023L21A001
- F023L21A006
- F023L21A012
- F023L21A018
- F023L21A030
- F023L21A033

**3000K**

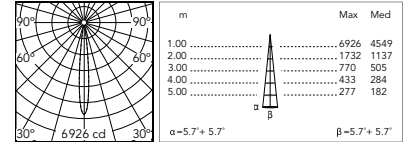
Non Dimmable

- F023L31A001
- F023L31A006
- F023L31A012
- F023L31A018
- F023L31A030
- F023L31A033

**4000K**

Non Dimmable

- F023L41A001
- F023L41A006
- F023L41A012
- F023L41A018
- F023L41A030
- F023L41A033



@3000K

**Optic Medium**

**Power LED:** 5,5W - 543 lm ≠ FIXT 350 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 367 lm - 3000K/CRI>80 - 220-240V /  
5,5W - 597 lm ≠ FIXT 402 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023L22A001
- F023L22A006
- F023L22A012
- F023L22A018
- F023L22A030
- F023L22A033

**3000K**

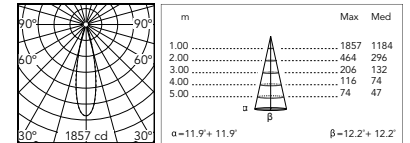
Non Dimmable

- F023L32A001
- F023L32A006
- F023L32A012
- F023L32A018
- F023L32A030
- F023L32A033

**4000K**

Non Dimmable

- F023L42A001
- F023L42A006
- F023L42A012
- F023L42A018
- F023L42A030
- F023L42A033



@3000K

**Optic Flood**

**Power LED:** 5,5W - 543 lm ≠ FIXT 311 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 325 lm - 3000K/CRI>80 - 220-240V /  
5,5W - 597 lm ≠ FIXT 356 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023L23A001
- F023L23A006
- F023L23A012
- F023L23A018
- F023L23A030
- F023L23A033

**3000K**

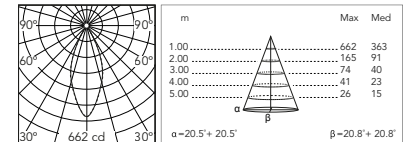
Non Dimmable

- F023L33A001
- F023L33A006
- F023L33A012
- F023L33A018
- F023L33A030
- F023L33A033

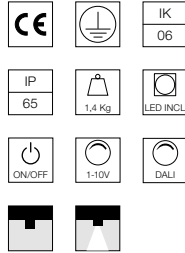
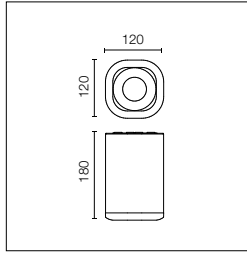
**4000K**

Non Dimmable

- F023L43A001
- F023L43A006
- F023L43A012
- F023L43A018
- F023L43A030
- F023L43A033



@3000K



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with double cable gland for inlet and outlet connection.

2200K auf Anfrage erhältlich.

2200K available on request.

Optic Spot

Power Led: 17W - 1890 lm ≠ FIXT 1108 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm ≠ FIXT 1149 lm - 3000K/CRI>80 - 220-240V / 17W - 2030 lm ≠ FIXT 1190 lm - 4000/CRI>80 - 220-240V

2700K

Non Dimmable

- F023M21A001
- F023M21A006
- F023M21A012
- F023M21A018
- F023M21A030
- F023M21A033
- 1-10V
- F023M21B001
- F023M21B006
- F023M21B012
- F023M21B018
- F023M21B030
- F023M21B033
- Dali
- F023M21D001
- F023M21D006
- F023M21D012
- F023M21D018
- F023M21D030
- F023M21D033

3000K

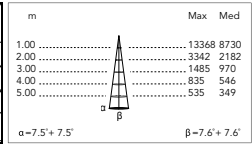
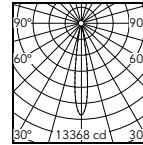
Non Dimmable

- F023M31A001
- F023M31A006
- F023M31A012
- F023M31A018
- F023M31A030
- F023M31A033
- 1-10V
- F023M31B001
- F023M31B006
- F023M31B012
- F023M31B018
- F023M31B030
- F023M31B033
- Dali
- F023M31D001
- F023M31D006
- F023M31D012
- F023M31D018
- F023M31D030
- F023M31D033

4000K

Non Dimmable

- F023M41A001
- F023M41A006
- F023M41A012
- F023M41A018
- F023M41A030
- F023M41A033
- 1-10V
- F023M41B001
- F023M41B006
- F023M41B012
- F023M41B018
- F023M41B030
- F023M41B033
- Dali
- F023M41D001
- F023M41D006
- F023M41D012
- F023M41D018
- F023M41D030
- F023M41D033



@3000K

Optic Medium

Power Led: 17W - 1890 lm ≠ FIXT 1215 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm ≠ FIXT 1260 - 3000K/CRI>80 - 220-240V / 17W - 2030 lm ≠ FIXT 1305 lm - 4000/CRI>80 - 220-240V

2700K

Non Dimmable

- F023M22A001
- F023M22A006
- F023M22A012
- F023M22A018
- F023M22A030
- F023M22A033
- 1-10V
- F023M22B001
- F023M22B006
- F023M22B012
- F023M22B018
- F023M22B030
- F023M22B033
- Dali
- F023M22D001
- F023M22D006
- F023M22D012
- F023M22D018
- F023M22D030
- F023M22D033

3000K

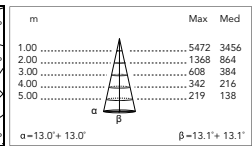
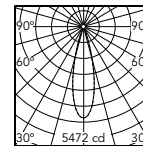
Non Dimmable

- F023M32A001
- F023M32A006
- F023M32A012
- F023M32A018
- F023M32A030
- F023M32A033
- 1-10V
- F023M32B001
- F023M32B006
- F023M32B012
- F023M32B018
- F023M32B030
- F023M32B033
- Dali
- F023M32D001
- F023M32D006
- F023M32D012
- F023M32D018
- F023M32D030
- F023M32D033

4000K

Non Dimmable

- F023M42A001
- F023M42A006
- F023M42A012
- F023M42A018
- F023M42A030
- F023M42A033
- 1-10V
- F023M42B001
- F023M42B006
- F023M42B012
- F023M42B018
- F023M42B030
- F023M42B033
- Dali
- F023M42D001
- F023M42D006
- F023M42D012
- F023M42D018
- F023M42D030
- F023M42D033



@3000K

\* Vorläufige technische Daten. / Preliminary technical specs.



## Optic Flood

**Power Led:** 17W - 1890 lm ≠ FIXT 1222 lm - 2700K/CRI>80 - 220-240V / 17W - 1960 lm ≠ FIXT 1267 lm - 3000K/CRI>80 - 220-240V / 17W - 2030 lm ≠ FIXT 1311 lm - 4000/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F023M23A001
- F023M23A006
- F023M23A012
- F023M23A018
- F023M23A030
- F023M23A033

1-10V

- F023M23B001
- F023M23B006
- F023M23B012
- F023M23B018
- F023M23B030
- F023M23B033

Dali

- F023M23D001
- F023M23D006
- F023M23D012
- F023M23D018
- F023M23D030
- F023M23D033

### 3000K

Non Dimmable

- F023M33A001
- F023M33A006
- F023M33A012
- F023M33A018
- F023M33A030
- F023M33A033

1-10V

- F023M33B001
- F023M33B006
- F023M33B012
- F023M33B018
- F023M33B030
- F023M33B033

Dali

- F023M33D001
- F023M33D006
- F023M33D012
- F023M33D018
- F023M33D030
- F023M33D033

### 4000K

Non Dimmable

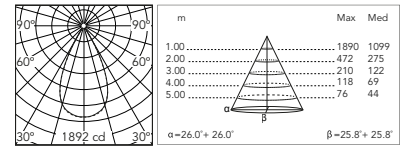
- F023M43A001
- F023M43A006
- F023M43A012
- F023M43A018
- F023M43A030
- F023M43A033

1-10V

- F023M43B001
- F023M43B006
- F023M43B012
- F023M43B018
- F023M43B030
- F023M43B033

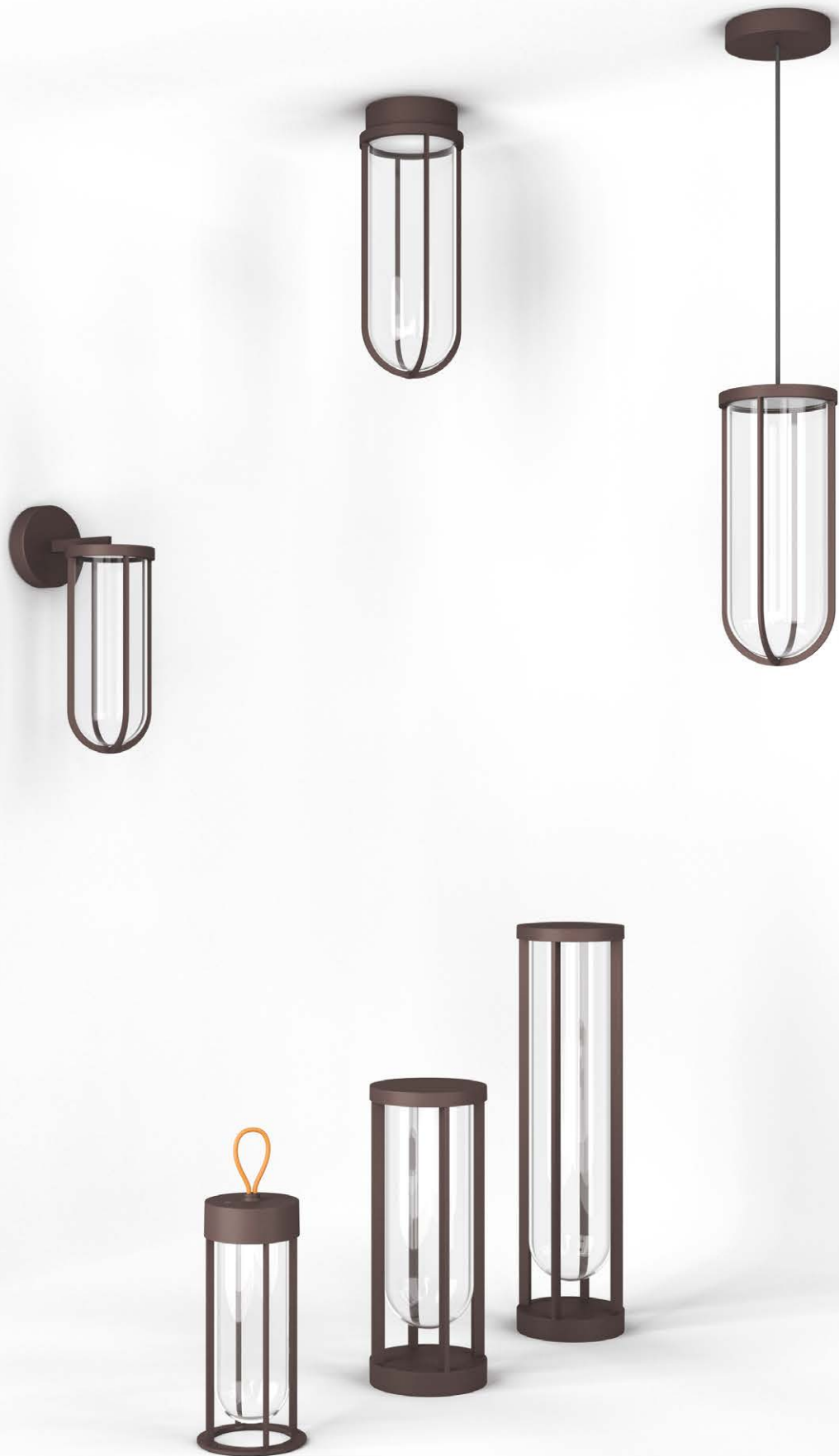
Dali

- F023M43D001
- F023M43D006
- F023M43D012
- F023M43D018
- F023M43D030
- F023M43D033



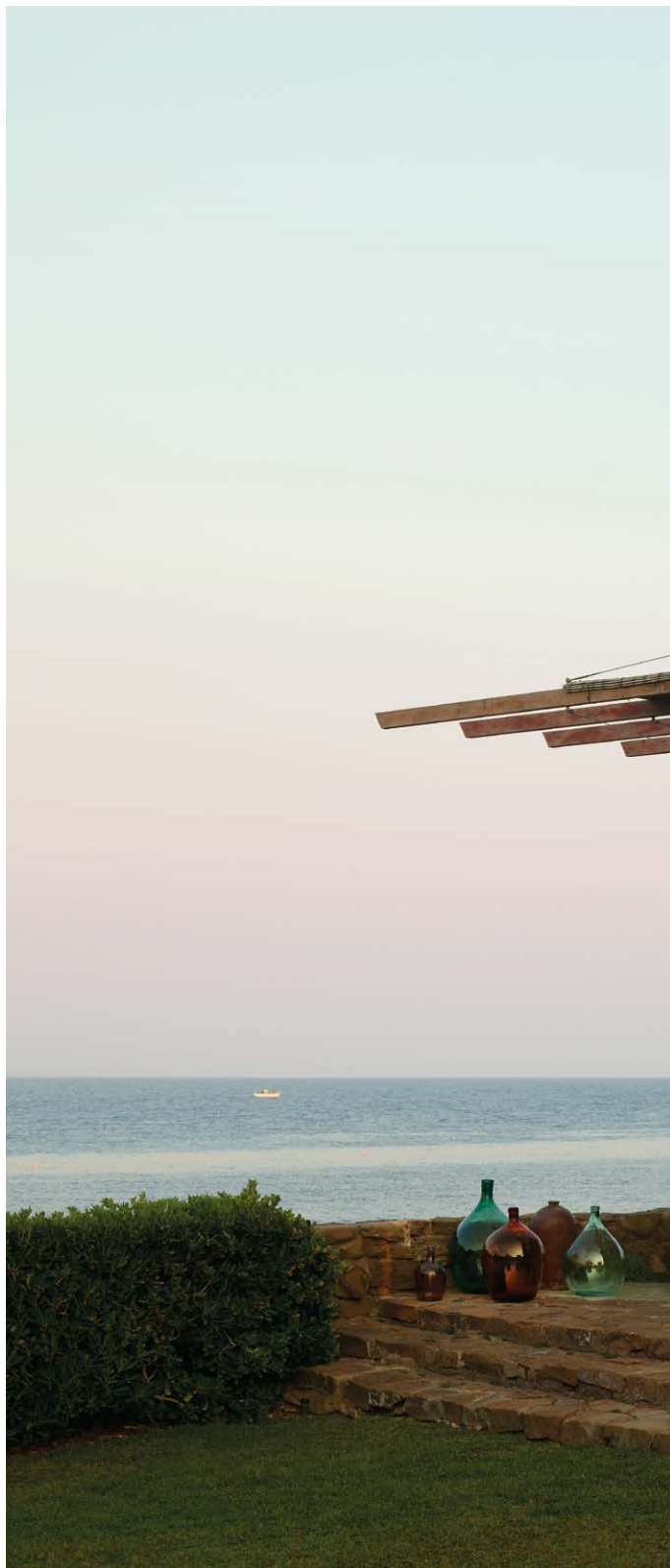
## **In Vitro**

Designed by Philippe Starck





In Vitro Unplugged



In Vitro Bollard



In Vitro Suspension

## Familie / Family

---

### In Vitro Unplugged



#### Led Edge Lighting

2,5W  
115 lm - 2700K/CRI 80  
124 lm - 3000K/CRI 80

### In Vitro Bollard



#### Led Edge Lighting

11W  
667 lm - 2700K/CRI 80  
714 lm - 3000K/CRI 80

### In Vitro Wall



#### Led Edge Lighting

11W  
667 lm - 2700K/CRI 80  
714 lm - 3000K/CRI 80

### In Vitro Ceiling



#### Led Edge Lighting

13W  
799 lm - 2700K/CRI 80  
855 lm - 3000K/CRI 80

### In Vitro Suspension



#### Led Edge Lighting

13W  
799 lm - 2700K/CRI 80  
855 lm - 3000K/CRI 80

### In Vitro Rod



#### Led Edge Lighting

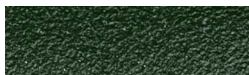
13W  
799 lm - 2700K/CRI 80  
855 lm - 3000K/CRI 80

## Ausführungen / Colours

---



01 White



12 Forest Green



13 Pale Green



18 Deep Brown



25 Terracotta



30 Black



33 Anthracite

## Beschreibung / Description

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Leuchten für Boden-, Wand-, Decken-, Pendel- und tragbare Installation, mit diffusem Licht für den Außenbereich.

Im Kopf integrierter opalisierender Diffusor und außen transparentes Borosilikat-Sicherheitsglas.

Die Strukturteile der Leuchte bestehen aus druckgepresstem und stranggepresstem Aluminium, das mit einem chemischen Umwandlungsprozess behandelt wurde, um eine effektive Beständigkeit gegen Witterungseinflüsse zu gewährleisten. Der Körper ist pulverbeschichtet und in verschiedenen Ausführungen erhältlich.

Integrierte LED-Lichtquelle mit Edge-Lighting-Optik zur Gewährleistung einer perfekten Lichtgleichmäßigkeit. Im Leuchtenkörper integrierter Treiber für EIN/AUS und dimmbare Ansteuerung verfügbar.

Die Bollard-Version wird mit einem wasserdichten Stecker für den Netzanschluss geliefert. Die Leuchte kann mit Hilfe von Dübeln, die vom Installateur je nach Art der Oberfläche zu wählen sind, auf jedem Boden installiert werden. Als separat zu bestellendes Zubehör ist die Schalung für die Installation auf einem Betonboden erhältlich.

Die Unplugged-Version ist mit einem praktischen farbigen Silikongriff ausgestattet und lässt sich über ein 120 cm langes Micro-USB-C-Kabel einfach aufladen. Der dimmbare Treiber ist im Leuchtenkörper untergebracht und verfügt über das integrierte Touch-Dimm-System, das über einen optischen Sensor am Kopf erreicht wird. Mit einer einfachen Berührung ist es möglich, die Lichtstärke der Lampe in 4 Dimmstufen einzustellen, wodurch eine kontinuierliche Emission von bis zu 6 Stunden gewährleistet wird.

Luminaires for floor, wall and suspended installation, and portable luminaire, with diffused light for outdoor use.

Opalescent diffuser integrated in the head and external transparent borosilicate safety glass.

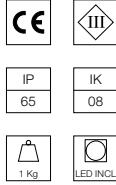
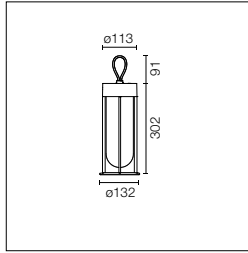
The structural parts of the luminaire are made of extruded die-cast aluminum, treated with a chemical conversion procedure to ensure effective resistance to atmospheric conditions. The body is powder coated and comes in various finishes.

Integrated LED light source with Edge Lighting optical technology to ensure perfect light uniformity. Driver integrated in the luminaire body available for ON/OFF and dimmable control.

Bollard version comes with a watertight plug for power supply connection. The luminaire may be installed on any type of flooring using anchors, to be selected by the installer depending on the type of surface. Accessory box for installation on flooring to be concreted sold separately.

Unplugged version is equipped with a practical, colored silicone handle and is easily recharged with a 120cm long Micro USB-C cable. Dimmable driver in the body of the luminaire with an integrated touch-dim system, accessible through an optical switch sensor located on the head. With a simple touch, light intensity can be adjusted through a 4-step dimming function, ensuring a continuous emission for up to 6 hours.

## In Vitro Unplugged



Tragbare Version, ausgestattet mit Tragegriff. Dimmbarer Treiber 5/100÷240 V/50-60 Hz integriert im Leuchtenkörper mit optischem Berührungssensor am Kopf und dimmbar auf 4 Stufen: 100 %-50 %-3 %-OFF. Wiederaufladbar über ein 120 cm langes Micro-USB-C-Kabel, das eine Daueremission von bis zu 6 Stunden garantiert. Ladegerät mit austauschbaren Steckern EUR, UK, USA.

Portable version equipped with a carrying handle. Adjustable driver 5/100÷240V/50-60Hz integrated in the body of the luminaire with optical switch sensor on the head and with a 4-step dimming function: 100%-50%-3%-OFF. Rechargeable with a 120cm long Micro USB-C cable ensuring continuous emission for up to 6 hours. Charger with interchangeable EUR, UK and USA plugs.

**Led Edge Lighting:** 2,5W - 182 lm ≠ FIXT 115 lm - 2700K/CRI 90 - 100-240V/V5 / 2,5W - 195 lm ≠ FIXT 124 lm - 3000K/CRI 90 - 100-240V/V5

### 2700K

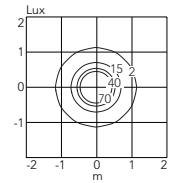
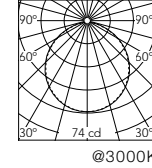
Touch Dimm

- F018E21K001
- F018E21K012
- F018E21K013
- F018E21K018
- F018E21K025
- F018E21K030
- F018E21K033

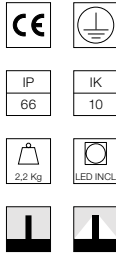
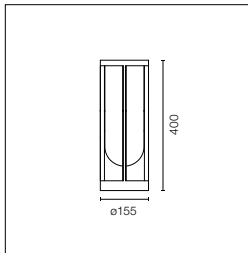
### 3000K

Touch Dimm

- F018E31K001
- F018E31K012
- F018E31K013
- F018E31K018
- F018E31K025
- F018E31K030
- F018E31K033



## In Vitro Bollard 1



Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220-240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

### 2700K

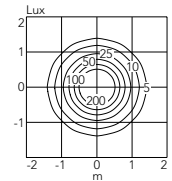
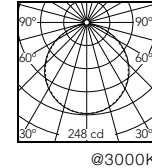
Non Dimmable

- F018A21A001
- F018A21A012
- F018A21A013
- F018A21A018
- F018A21A025
- F018A21A030
- F018A21A033
- 1-10V
- F018A21B001
- F018A21B012
- F018A21B013
- F018A21B018
- F018A21B025
- F018A21B030
- F018A21B033
- Dali
- F018A21D001
- F018A21D012
- F018A21D013
- F018A21D018
- F018A21D025
- F018A21D030
- F018A21D033

### 3000K

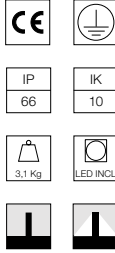
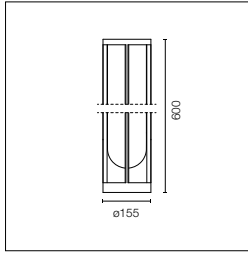
Non Dimmable

- F018A31A001
- F018A31A012
- F018A31A013
- F018A31A018
- F018A31A025
- F018A31A030
- F018A31A033
- 1-10V
- F018A31B001
- F018A31B012
- F018A31B013
- F018A31B018
- F018A31B025
- F018A31B030
- F018A31B033
- Dali
- F018A31D001
- F018A31D012
- F018A31D013
- F018A31D018
- F018A31D025
- F018A31D030
- F018A31D033





## In Vitro Bollard 2



Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220–240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018A22A001
- F018A22A012
- F018A22A013
- F018A22A018
- F018A22A025
- F018A22A030
- F018A22A033

1-10V

- F018A22B001
- F018A22B012
- F018A22B013
- F018A22B018
- F018A22B025
- F018A22B030
- F018A22B033

Dali

- F018A22D001
- F018A22D012
- F018A22D013
- F018A22D018
- F018A22D025
- F018A22D030
- F018A22D033

### 3000K

Non Dimmable

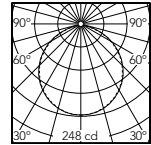
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- F018A32A030
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1-10V

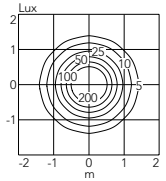
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- F018A32B025
- F018A32B030
- F018A32B033

Dali

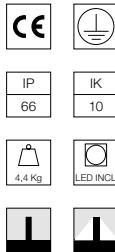
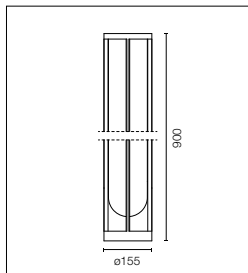
- F018A32D001
- F018A32D012
- F018A32D013
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- F018A32D025
- F018A32D030
- F018A32D033



@3000K



## In Vitro Bollard 3



Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220–240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018A23A001
- F018A23A012
- F018A23A013
- F018A23A018
- F018A23A025
- F018A23A030
- F018A23A033

1-10V

- F018A23B001
- F018A23B012
- F018A23B013
- F018A23B018
- F018A23B025
- F018A23B030
- F018A23B033

Dali

- F018A23D001
- F018A23D012
- F018A23D013
- F018A23D018
- F018A23D025
- F018A23D030
- F018A23D033

### 3000K

Non Dimmable

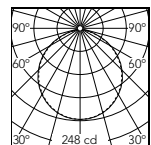
- F018A33A001
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- F018A33A013
- F018A33A018
- F018A33A025
- F018A33A030
- F018A33A033

1-10V

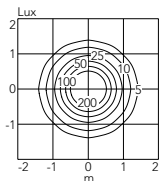
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Dali

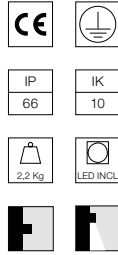
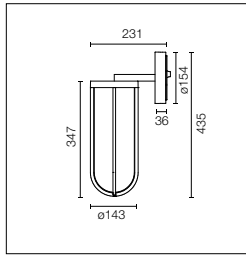
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- F018A33D012
- F018A33D013
- F018A33D018
- F018A33D025
- F018A33D030
- F018A33D033



@3000K



## In Vitro Wall



Wandbefestigung. Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V -Netzteil zum Ein-/ Ausschalten und Dimmen.

Wall mount. Light source included. Integrated 220-240V ON/OFF or dimmable electrical power.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018B22A001
- F018B22A012
- F018B22A013
- F018B22A018
- F018B22A025
- F018B22A030
- F018B22A033

1-10V

- F018B22B001
- F018B22B012
- F018B22B013
- F018B22B018
- F018B22B025
- F018B22B030
- F018B22B033

Dali

- F018B22D001
- F018B22D012
- F018B22D013
- F018B22D018
- F018B22D025
- F018B22D030
- F018B22D033

### 3000K

Non Dimmable

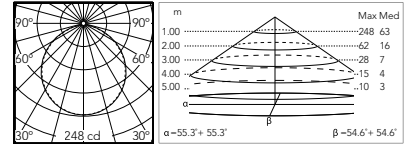
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- F018B32A012
- F018B32A013
- F018B32A018
- F018B32A025
- F018B32A030
- F018B32A033

1-10V

- F018B32B001
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- F018B32B013
- F018B32B018
- F018B32B025
- F018B32B030
- F018B32B033

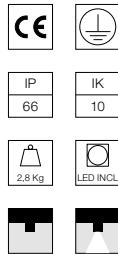
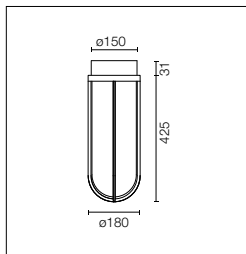
Dali

- F018B32D001
- F018B32D012
- F018B32D013
- F018B32D018
- F018B32D025
- F018B32D030
- F018B32D033



@3000K

## In Vitro Ceiling



Lichtquelle im Lieferumfang enthalten. Deckenbefestigung. 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen im Lieferumfang enthalten.

Light source included. Ceiling mount. Integrated 220-240V ON/OFF or dimmable electrical power.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018C25A001
- F018C25A012
- F018C25A013
- F018C25A018
- F018C25A025
- F018C25A030
- F018C25A033

1-10V

- F018C25B001
- F018C25B012
- F018C25B013
- F018C25B018
- F018C25B025
- F018C25B030
- F018C25B033

Dali

- F018C25D001
- F018C25D012
- F018C25D013
- F018C25D018
- F018C25D025
- F018C25D030
- F018C25D033

### 3000K

Non Dimmable

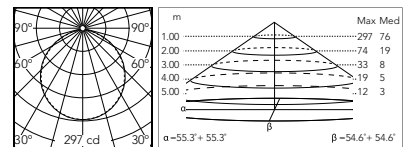
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1-10V

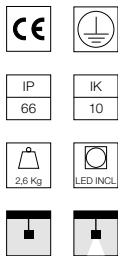
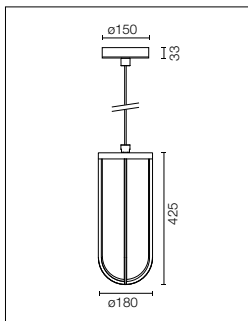
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- F018C35B012
- F018C35B013
- F018C35B018
- F018C35B025
- F018C35B030
- F018C35B033

Dali

- F018C35D001
- F018C35D012
- F018C35D013
- F018C35D018
- F018C35D025
- F018C35D030
- F018C35D033



@3000K



Montage als Hängelampe. Lichtquelle im Lieferumfang enthalten. 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen in spezieller Deckenbasis integriert. Maximale Länge des Hängekabellänge: 1000 mm.

Hanging version. Light source included. 220-240V ON/OFF or dimmable electrical power integrated within the dedicated ceiling attachment. Hanging cable length 1000 mm.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V

**2700K**

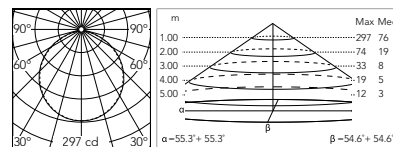
Non Dimmable

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- F018D25A013
- F018D25A018
- F018D25A025
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- 1-10V
- F018D25B001
- F018D25B012
- F018D25B013
- F018D25B018
- F018D25B025
- F018D25B030
- F018D25B033
- Dali
- F018D25D001
- F018D25D012
- F018D25D013
- F018D25D018
- F018D25D025
- F018D25D030
- F018D25D033

**3000K**

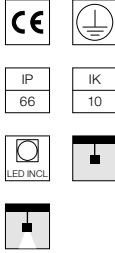
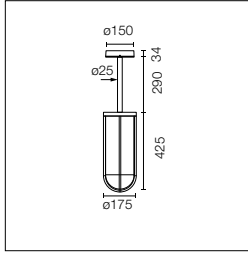
Non Dimmable

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- F018D35A012
- F018D35A013
- F018D35A018
- F018D35A025
- F018D35A030
- F018D35A033
- 1-10V
- F018D35B001
- F018D35B012
- F018D35B013
- F018D35B018
- F018D35B025
- F018D35B030
- F018D35B033
- Dali
- F018D35D001
- F018D35D012
- F018D35D013
- F018D35D018
- F018D35D025
- F018D35D030
- F018D35D033



@3000K

## In Vitro Rod 1



Montage an starre Aufhängung. Die Leuchtquelle ist im Lieferumfang enthalten. Netzteil ON/OFF oder dimmbar 220-240V, integriert in der Unterkonstruktion für die Decke. Länge 290 mm.

Rod installation. Light source is included. Power supply ON/OFF or dimmable 220-240V is integrated within the ceiling base. Length: 290 mm.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018F21A001
- F018F21A012
- F018F21A013
- F018F21A018
- F018F21A025
- F018F21A030
- F018F21A033

1-10V

- F018F21B001
- F018F21B012
- F018F21B013
- F018F21B018
- F018F21B025
- F018F21B030
- F018F21B033

Dali

- F018F21D001
- F018F21D012
- F018F21D013
- F018F21D018
- F018F21D025
- F018F21D030
- F018F21D033

### 3000K

Non Dimmable

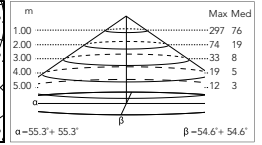
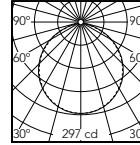
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1-10V

- F018F31B001
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- F018F31B013
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- F018F31B025
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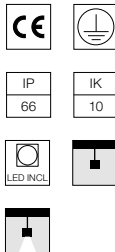
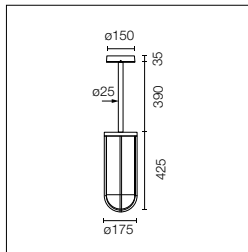
Dali

- F018F31D001
- F018F31D012
- F018F31D013
- F018F31D018
- F018F31D025
- F018F31D030
- F018F31D033



@3000K

## In Vitro Rod 2



Montage an starre Aufhängung. Die Leuchtquelle ist im Lieferumfang enthalten. Netzteil ON/OFF oder dimmbar 220-240V, integriert in der Unterkonstruktion für die Decke. Länge 390 mm.

Rod installation. Light source is included. Power supply ON/OFF or dimmable 220-240V is integrated within the ceiling base. Length: 390 mm.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F018F22A001
- F018F22A012
- F018F22A013
- F018F22A018
- F018F22A025
- F018F22A030
- F018F22A033

1-10V

- F018F22B001
- F018F22B012
- F018F22B013
- F018F22B018
- F018F22B025
- F018F22B030
- F018F22B033

Dali

- F018F22D001
- F018F22D012
- F018F22D013
- F018F22D018
- F018F22D025
- F018F22D030
- F018F22D033

### 3000K

Non Dimmable

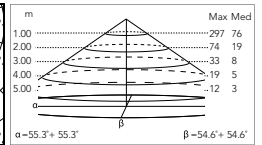
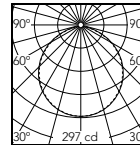
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- F018F32A013
- F018F32A018
- F018F32A025
- F018F32A030
- F018F32A033

1-10V

- F018F32B001
- F018F32B012
- F018F32B013
- F018F32B018
- F018F32B025
- F018F32B030
- F018F32B033

Dali

- F018F32D001
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- F018F32D013
- F018F32D018
- F018F32D025
- F018F32D030
- F018F32D033



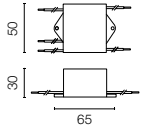
@3000K

**In Vitro Bollard**

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

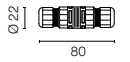
F990E00A000



Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig.

2 way terminal block 4 poles  
IP68 H2O Stop.

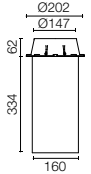
F990C00A000



Einbaugehäuse für  
Bodenmontage.

Box for ground installation.

F018Z000000



## **Mayday Outdoor**

Designed by Konstantin Grcic









## Familie / Family

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Mayday Outdoor



### Led Retrofit

Max. 10W  
2700K/CRI 80  
3000K/CRI 80

## Ausführungen / Colours

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Black



Leaf Green



Mustard Yellow

## Beschreibung / Description

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Mehrzweckleuchte, geeignet für den Außenbereich. Ihr praktischer Haken/Griff, der auch als Kabelwickler dient, besteht aus recyceltem Polypropylen und ist in der Outdoor-Version sowohl in klassischem Schwarz als auch in den natürlichen Farbtönen Blattgrün und Senfgelb erhältlich. Der Griff verfügt über einen praktischen, wasserdichten ON/OFF-Schalter. Das 6 Meter lange, mit einem Kabelhalter am Griff befestigte Kabel eignet sich für den Außenbereich und verfügt über einen Schuko-Stecker IP44. Der durch Spritzguss hergestellte, gefrostete kegelförmige Schirm besteht aus Industrieabfällen gewonnenem, nachhaltigem Polypropylen.

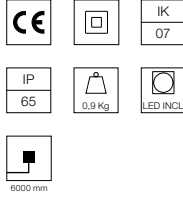
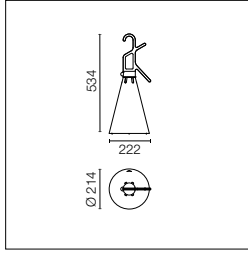
Schutz vor Witterungseinflüssen bekommt die Lichtquelle durch einen wasserdichten, durchscheinenden Kegelschirm aus Polymethylmethacrylat mit einer Elastomerdichtung, die die Schutzstufe IP65 gewährleistet.

Mayday lässt sich leicht zerlegen, sodass jedes Teil korrekt recycelt werden kann; beim Montageprozess wird kein Klebstoff verwendet. Die Versandverpackung ist mit einem Beutel aus Drillisch-Stoff, 100 % naturbelassene Baumwolle, ausgestattet.

Multipurpose luminaire suitable for outdoor use. Its practical hook/handle, which also serves to wind the cable, is made of recycled polypropylene. In the outdoor version, it is available both in the classic black color and in the natural shades of leaf green and mustard yellow. The handle has a convenient watertight ON/OFF switch. The 6 meters long outgoing cable, which is fixed to the handle by a cable guide, is suitable for outdoor use and has a Schuko IP44 plug. The conical diffuser, in opaline color and produced by injection printing, is made of sustainable polypropylene obtained from industrial waste.

The light source is protected from atmospheric agents by a watertight and transparent polymethylmethacrylate capsule, sealed by an elastomer seal that guarantees IP 65 protection.

Mayday is easy to disassemble so that each part can be properly recycled; no glue is used in the assembly process. The shipping packaging is completed with a pure natural cotton drill bag.



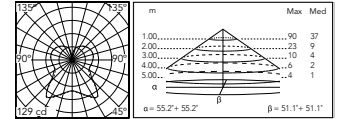
Fassung für E14 Leuchtmittel, Lichtquelle nicht im Lieferumfang enthalten.  
 Netzteil 220-240V EIN/AUS. IP65-Schalter am Griff der Leuchte. Die Leuchte verfügt über ein 6 Meter langes Kabel für den Außenbereich und einen Schuko-Stecker IP44.

Socket for E14 bulb, light source not included.  
 220-240 V ON/OFF electric power supply. IP65 switch on the handle of the luminaire. It has a 6 meter long cable for outdoor use and an IP44 Schuko plug.

**Led Retrofit:** Max. 10W - E14 - 220-240V

**2700K**

- F038AAAA0ZZ
- F038AACA0ZZ
- F038AABA0ZZ



@3000K

**Mayday Outdoor: Zubehörteile / Accessories**

LED-Lampe E14 8W 2700K 900 lm 230V T28.      LED lamp E14 8W 2700K 900 lm 230V T28.

RF32290



LED-Lampe E14 8W 3000K 900 lm 230V T28.      LED lamp E14 8W 3000K 900 lm 230V T28.

RF32291





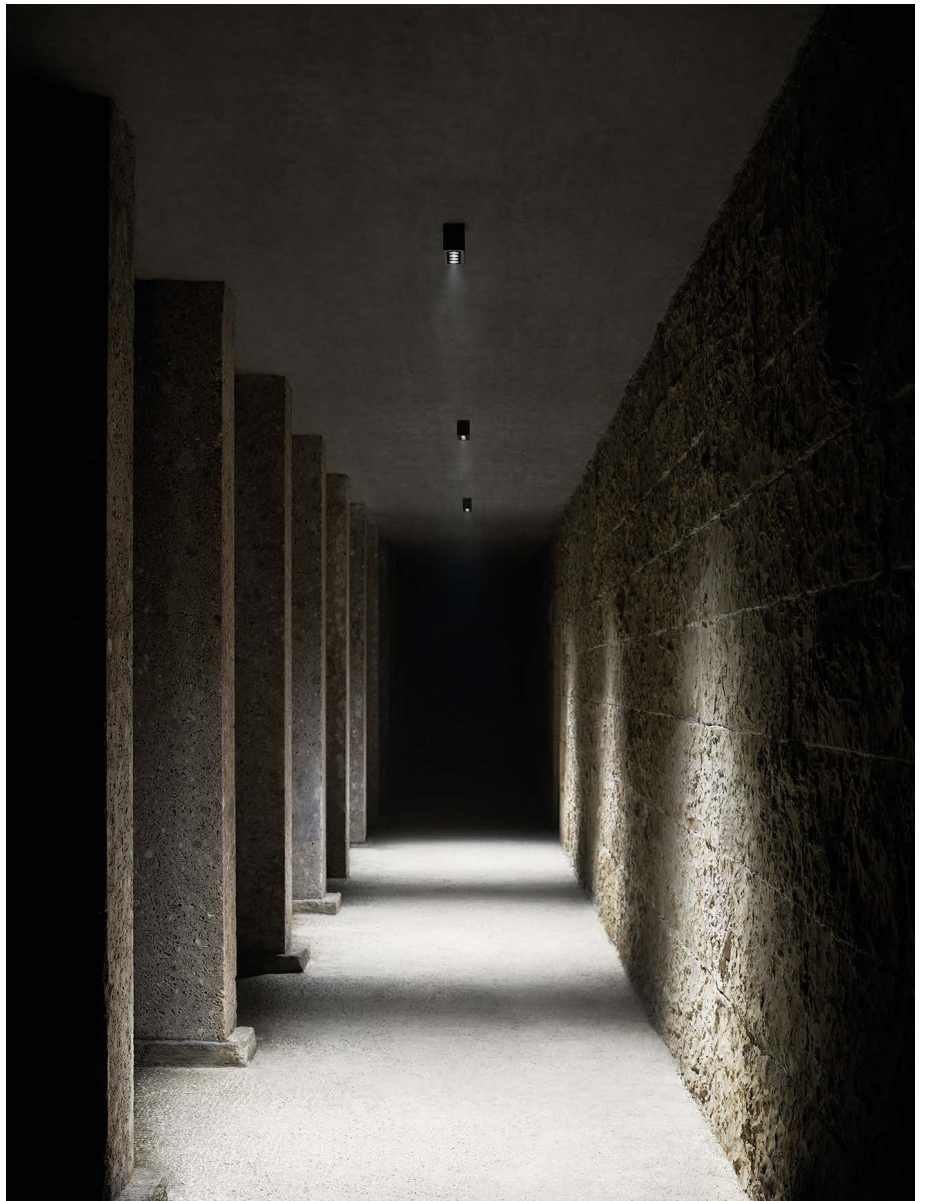
**Mile**

Designed by Antonio Citterio





Mile Wall



Mile Ceiling 1





Mile Bollard 1

## Familie / Family

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Mile Bollard 1 600

Mono / Double



Mile Bollard 2 600

Mono / Double



Mile Bollard 1 900

Mono / Double



Mile Bollard 2 900

Mono / Double



### Mid - Power Led

4,9W

283 lm - 2700K/CRI 80

294 lm - 3000K/CRI 80

305 lm - 4000K/CRI 80

2200K available on request.

### Mid - Power Led

9,8W

2x283 lm - 2700K/CRI 80

2x294 lm - 3000K/CRI 80

2x305 lm - 4000K/CRI 80

2200K available on request.

### Mid - Power Led

7,8W

603 lm - 2700K/CRI 80

627 lm - 3000K/CRI 80

651 lm - 4000K/CRI 80

2200K available on request.

### Mid - Power Led

15,6W

2x603 lm - 2700K/CRI 80

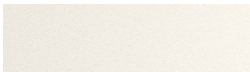
2x627 lm - 3000K/CRI 80

2x651 lm - 4000K/CRI 80

2200K available on request.

## Ausführungen / Colours

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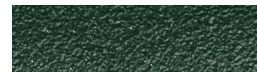
\*00 Primer



01 White



06 Grey



\*\*12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

\* Nur für Wand-, Weg- und Deckenversionen. / Only for Wall, Path and Ceiling versions.

\*\* Nur für Wand-, Poller- und Wegeversionen / Only for Wall, Bollard and Path versions.

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Mile Path 1



**Mid - Power Led**

4,9W  
up to 100 lm - 2700K/CRI 80  
up to 104 lm - 3000K/CRI 80  
up to 108 lm - 4000K/CRI 80  
2200K available on request.

Mile Path 2



**Mid - Power Led**

7,6W  
up to 172 lm - 2700K/CRI 80  
up to 179 lm - 3000K/CRI 80  
up to 186 lm - 4000K/CRI 80  
2200K available on request.

---

Mile Wall 1

Up / Down / Up&Down



**Mid - Power Led**

4,9W  
283 lm - 2700K/CRI 80  
294 lm - 3000K/CRI 80  
305 lm - 4000K/CRI 80  
2200K available on request.

**Mid - Power Led**

8,1W  
2x283 lm - 2700K/CRI 80  
2x294 lm - 3000K/CRI 80  
2x305 lm - 4000K/CRI 80  
2200K available on request.

Washer

Up / Down / Up&Down

**Mid - Power Led**

4,9W  
291 lm - 2700K/CRI 80  
303 lm - 3000K/CRI 80  
314 lm - 4000K/CRI 80  
2200K available on request.

**Mid - Power Led**

8,1W  
2x291 lm - 2700K/CRI 80  
2x303 lm - 3000K/CRI 80  
2x314 lm - 4000K/CRI 80  
2200K available on request.

Mile Wall 2

Up / Down / Up&Down



**Mid - Power Led**

7,8W  
603 lm - 2700K/CRI 80  
627 lm - 3000K/CRI 80  
651 lm - 4000K/CRI 80  
2200K available on request.

**Mid - Power Led**

13,5W  
2x603 lm - 2700K/CRI 80  
2x627 lm - 3000K/CRI 80  
2x651 lm - 4000K/CRI 80  
2200K available on request.

Washer

Up / Down / Up&Down

**Mid - Power Led**

6,4W  
453 lm - 2700K/CRI 80  
471 lm - 3000K/CRI 80  
489 lm - 4000K/CRI 80  
2200K available on request.

**Mid - Power Led**

10,5W  
2x453 lm - 2700K/CRI 80  
2x471 lm - 3000K/CRI 80  
2x489 lm - 4000K/CRI 80  
2200K available on request.

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Mile Ceiling 1



Mile Ceiling 2



Mile Recessed 1



**Power Led**

11W  
736 lm - 2700K/CRI 80  
759 lm - 3000K/CRI 80  
791 lm - 4000K/CRI 80  
2200K available on request.

Mile Recessed 2



**Power Led**

15W  
1032 lm - 2700K/CRI 80  
1344 lm - 3000K/CRI 80  
1400 lm - 4000K/CRI 80  
2200K available on request.

### Mile Bollard

Kollektion von Außenpollern mit einem strengen und minimalistischen Design mit LED-Lichtquelle, passend zu den Wandversionen.

Poller in unidirektionaler oder bidirektionaler Ausführung, erhältlich in zwei Höhen und zwei Breiten, abhängig von der Lichtquelle und der gewünschten Leistung, gekennzeichnet durch einen robusten Rahmen aus stranggepresstem Aluminium ohne sichtbare Schrauben, mit erhöhtem Sockel auf dem Boden für eine einfachere und schnellere Installation. Die Kopfbefestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt.

Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Umwandlungsbehandlung zum Schutz vor Korrosion.

Der Diffusor ist aus UV-stabilisiertem, transparentem Polycarbonat gefertigt.

Der asymmetrische Reflektorschirm besteht aus reinem Aluminium, oxidiert und poliert, und enthält die LED-Quelle in einer rückwärtigen Position, um Direktblendung zu reduzieren; der asymmetrische, nach unten gerichtete Lichtaustritt macht die Leuchte konform mit den aktuellen Gesetzen zur Lichtverschmutzung.

Die Bollard-Versionen können auf jedem Boden mit Dübeln oder unter Verwendung der als Zubehör mitgelieferten Ankerplatte einfach auf dem Boden installiert werden, so dass die Basis des Produkts vollständig in den Boden integriert ist.

### Mile Path

Kollektion von Außenwandleuchten mit strengem, minimalistischem Design und LED-Lichtquelle, die mit den Wall- und Bollard-Versionen kombiniert werden können.

Erhältlich in zwei Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.

Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.

Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L. Der Diffusor ist aus UV-stabilisiertem, transparentem Polycarbonat gefertigt.

Der asymmetrische Reflektorschirm besteht aus schwarz lackiertem Aluminium, um Direktblendung durch Reflexionen zu reduzieren, und enthält die LED-Quelle in einer rückwärtigen Position; der asymmetrische Lichtaustritt nach unten macht die Leuchte konform mit den aktuellen Gesetzen zur Lichtverschmutzung. Inklusive Wandhalterung.

### Mile Wall

Komplette Familie von Wandleuchten mit strengem und minimalistischem Design und LED-Lichtquelle. Das Design zeichnet sich durch einen Aluminiumdruckgussrahmen mit sehr geringem Kupferanteil und guten mechanischen Eigenschaften in Kombination mit guter Korrosionsbeständigkeit dank der chemischen Umwandlungsbehandlung der Oberfläche aus.

Erhältlich in zwei Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.

Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.

Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt. Der Diffusor, der perfekt koplanar mit dem Zierband ist, besteht aus transparentem Polycarbonat, UV-stabilisiert.

Der asymmetrische Reflektorschirm besteht aus reinem Aluminium, oxidiert und poliert, und enthält die LED-Quelle in einer rückwärtigen Position, um Direktblendung zu reduzieren.

Die asymmetrische Optik ist so konzipiert, dass sie ein breites Spektrum an Lichtleistung und einen flexiblen Einsatz in unterschiedlichen architektonischen Kontexten gewährleistet. Es sind einfach abstrahlende Versionen mit nach oben oder nach unten

gerichtetem Licht und doppelt abstrahlende Versionen erhältlich. Jede Version ist in zwei verschiedenen Beleuchtungslösungen erhältlich: als Wall-Washer oder als asymmetrische Beleuchtung, z. B. im Fall von Veranden oder Foyers, wobei die Version mit nach oben gerichtetem Licht die Decke selbst zum Diffusor macht und absoluten Komfort bietet. Die Doppelemissionsversion ist sowohl mit identischer Optik als auch mit gemischter asymmetrischer Optik + Washer erhältlich.

### Mile Ceiling

Kollektion von Deckenleuchten für den Außenbereich mit einem strengen und minimalistischen Design mit LED-Lichtquelle, die mit den Wall-, Bollard- und Path-Versionen kombiniert werden können.

Erhältlich in zwei verschiedenen Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung. Die Primer-Version muss nach der Installation mit typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.

Die optische Einheit wurde speziell entwickelt, um maximalen Sehkomfort und eine Reduzierung der Direktblendung zu gewährleisten, ohne dabei die Effizienz zu beeinträchtigen: Die Lichtquelle besteht aus rückseitigen Power-LEDs, die transparenten Polycarbonat-Linsen sorgen für einen kontrollierten und homogenen Lichtstrahl, und die konischen Reflektoren aus glänzend schwarzem Polycarbonat bieten eine Abschirmung mit extremen Abblendwinkeln, und das alles bei reduzierter Größe. Die optische Einheit ist in vier verschiedenen Ausstrahlungswinkeln erhältlich, was einen breiten Einsatzbereich und Flexibilität in den unterschiedlichsten architektonischen Kontexten ermöglicht: Sowohl bei intensiven Strahlen als auch bei diffusen Lichteffekten ist die optische Kontrolle immer hervorragend und Störlicht ist völlig ausgeschlossen.

Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt. Inklusive Deckenhalterung.

### Mile Recessed

Kollektion von Einbaudeckenleuchten für den Außenbereich mit strengem, minimalistischem Design und LED-Lichtquelle, die mit den Ceiling-, Wall-, Bollard- und Path-Versionen kombiniert werden können.

Erhältlich in zwei verschiedenen Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung. Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.

Wie bei den Deckenversionen wurde die optische Einheit speziell entwickelt, um maximalen Sehkomfort und die Reduzierung der Direktblendung zu gewährleisten, ohne dabei die Effizienz zu beeinträchtigen: Die Lichtquelle besteht aus rückwärtigen Power-LEDs, die transparenten Polycarbonat-Linsen sorgen für einen kontrollierten und homogenen Lichtstrahl, und die konischen Reflektoren aus glänzend schwarzem Polycarbonat bieten eine Abschirmung mit extremen Abblendwinkeln, und das alles bei reduzierter Größe.

Die optische Einheit ist in vier verschiedenen Ausstrahlungswinkeln erhältlich, was einen breiten Einsatzbereich und Flexibilität in den unterschiedlichsten architektonischen Kontexten ermöglicht: Sowohl bei intensiven Strahlen als auch bei diffusen Lichteffekten ist die optische Kontrolle immer hervorragend und Störlicht ist völlig ausgeschlossen.

Die Leuchte kann in Zwischendecken mit Federn eingebaut werden. Der Anschlagrahmen mit minimaler Dicke ermöglicht einen perfekten ästhetischen Abschluss der Leuchte in der Decke. Die verzinkte Stahlschalung zum Betonieren ist als Zubehör für Ziegel- oder Stahlbetondecken erhältlich.

### Mile Bollard

Collection of outdoor bollards with a rigorous, minimal design and LED light source that can be combined with wall versions.

Uni- or bi-directional bollard version, available in two heights and widths, based on light source and power requirements. The rigid frame is made of extruded aluminum with no visible screws, and the base rises above the ground for a quick, simple installation. The head anchoring hardware is made of AISI 316L stainless steel.

Available in various finishes with a double layer of powder coating and chemical conversion treatment to protect it against corrosion.

The diffuser is made of transparent, UV-stabilized polycarbonate.

The asymmetric reflecting screen is made of pure, oxidized and polished aluminum, with LED source in a rear position to reduce direct glare. The downward, asymmetric light emission ensures the luminaire's compliance with existing light pollution laws.

Bollard versions may be easily installed on any flooring on the ground with anchors, or with the dedicated anchoring plate accessory to completely integrate the base of the product with the pavement.

### Mile Path

Collection of outdoor wall luminaires with a rigorous, minimal design and LED light source that can be combined with wall and bollard versions.

Available in two sizes and various finishes with a double layer of powder coating.

Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.

The anchoring hardware is made of AISI 316L stainless steel. Diffuser is made of transparent, UV-stabilized polycarbonate. The asymmetric, reflecting screen is made of aluminum painted in black to reduce direct glare from reflections. It holds the LED source in a rear position. The downward, asymmetric light emission ensures the luminaire's compliance with existing light pollution laws. Wall mounting bracket included.

### Mile Wall

Complete family of wall luminaires with a rigorous, minimal design with LED light source, a design characterized by a die-cast aluminum trim with very low copper content and good mechanical features combined with good resistance against corrosion thanks to the surface chemical conversion treatment.

Available in two sizes and various finishes with a double layer of powder coating.

Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.

The anchoring hardware is made of AISI 316L stainless steel. The diffuser is perfectly flush with the decorative band and is made of transparent, UV-stabilized polycarbonate.

The asymmetric, reflecting screen is made of pure, oxidized and polished aluminum, with LED source in a rear position to reduce direct glare.

Its asymmetrical optical unit is designed to ensure a wide range of lighting features and flexible use in different architectural settings. Single-emission version directing light upwards or downwards and dual-emission version available. Each version is available in two different lighting solutions: wall-washer lighting or asymmetric lighting. For instance, by

using the version with light directed upwards in porticos or entrance halls, the ceiling itself becomes a diffuser, offering absolute comfort. Dual emission version is available with both identical optical units and mixed, asymmetric + washer optical units.

### Mile Ceiling

Outdoor ceiling-mounted lights collection, with a rigorous, minimal design and LED light source that can be combined with wall, bollard and path versions.

Available in two different sizes and various finishes with a double layer of powder coating.

Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.

The optical unit is specifically designed to ensure maximum visual comfort and direct glare reduction without compromising overall efficiency: the light source comprises rear power LEDs; its transparent polycarbonate lenses ensure a controlled and homogeneous beam of light; and the glossy black polycarbonate cone reflectors provide an extreme, sharp-angled screening, all in a small footprint.

The optical unit is available in four different beam angles, allowing a wide range of uses and flexibility in the most varied architectural settings: both in the case of intense beams and diffuse light effects, optical control is always exceptional and spurious light is totally absent.

The anchoring hardware is made of AISI 316L stainless steel. Ceiling mounting bracket included.

### Mile Recessed

Collection of outdoor, ceiling-mounted, recessed lights with a rigorous, minimal design and LED light source that can be combined with ceiling, wall, bollard and path versions.

Available in two different sizes and various finishes with a double layer of powder coating.

Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.

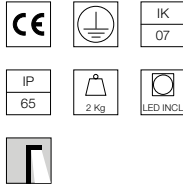
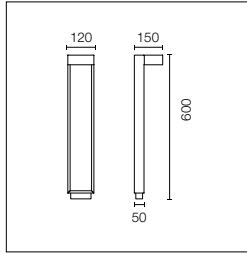
As in ceiling versions, the optical unit is specifically designed to ensure maximum visual comfort and direct glare reduction without compromising overall efficiency: the light source comprises rear power LEDs; its transparent polycarbonate lenses ensure a controlled and homogeneous beam of light; and the glossy black polycarbonate cone reflectors provide an extreme, sharp-angled screening, all in a small footprint.

The optical unit is available in four different beam angles, allowing a wide range of uses and flexibility in the most varied architectural settings: both in the case of intense beams and diffuse light effects, optical control is always exceptional and spurious light is totally absent.

The luminaire can be installed in a drop ceiling using the supplied springs. The minimal thickness of the stop frame allows a perfect, aesthetic finish of the luminaire in the ceiling.

The accessory box for installation in galvanized steel for concreting is available for brick or reinforced concrete ceilings.

## Mile Bollard 1 600 Mono



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

### 2700K

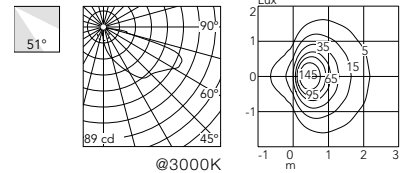
- F015G21A001
- F015G21A006
- F015G21A012
- F015G21A018
- F015G21A030
- F015G21A033

### 3000K

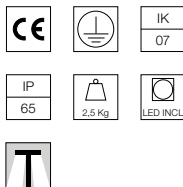
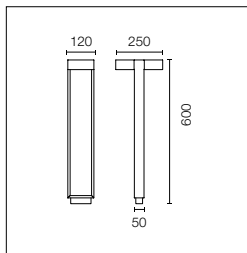
- F015G31A001
- F015G31A006
- F015G31A012
- F015G31A018
- F015G31A030
- F015G31A033

### 4000K

- F015G41A001
- F015G41A006
- F015G41A012
- F015G41A018
- F015G41A030
- F015G41A033



## Mile Bollard 1 600 Double



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 9,8W - 2x427 lm ≠ FIXT 2x283 lm - 2700K/CRI 80 - 220-240V / 9,8W - 2x445 lm ≠ FIXT 2x294 lm - 3000K/CRI 80 - 220-240V / 9,8W - 2x462 lm ≠ FIXT 2x305 lm - 4000K/CRI 80 - 220-240V

### 2700K

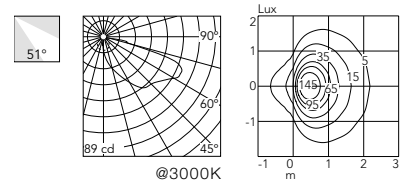
- F015G22A001
- F015G22A006
- F015G22A012
- F015G22A018
- F015G22A030
- F015G22A033

### 3000K

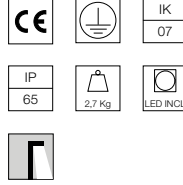
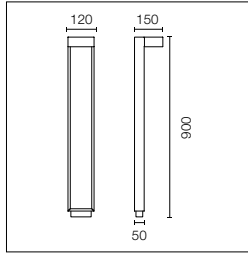
- F015G32A001
- F015G32A006
- F015G32A012
- F015G32A018
- F015G32A030
- F015G32A033

### 4000K

- F015G42A001
- F015G42A006
- F015G42A012
- F015G42A018
- F015G42A030
- F015G42A033



## Mile Bollard 1 900 Mono



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

### 2700K

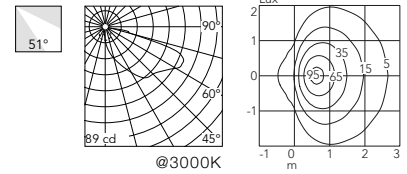
- F015H21A001
- F015H21A006
- F015H21A012
- F015H21A018
- F015H21A030
- F015H21A033

### 3000K

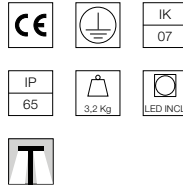
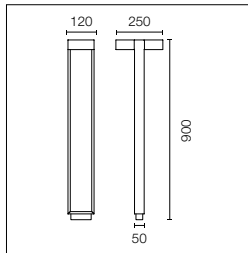
- F015H31A001
- F015H31A006
- F015H31A012
- F015H31A018
- F015H31A030
- F015H31A033

### 4000K

- F015H41A001
- F015H41A006
- F015H41A012
- F015H41A018
- F015H41A030
- F015H41A033



## Mile Bollard 1 900 Double



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 9,8W - 2x427 lm ≠ FIXT 2x283 lm - 2700K/CRI 80 - 220-240V / 9,8W - 2x445 lm ≠ FIXT 2x294 lm - 3000K/CRI 80 - 220-240V / 9,8W - 2x462 lm ≠ FIXT 2x305 lm - 4000K/CRI 80 - 220-240V

### 2700K

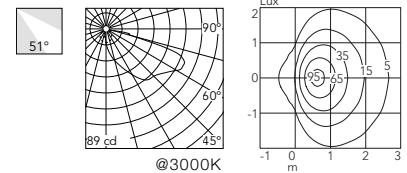
- F015H22A001
- F015H22A006
- F015H22A012
- F015H22A018
- F015H22A030
- F015H22A033

### 3000K

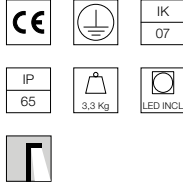
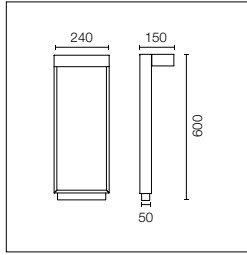
- F015H32A001
- F015H32A006
- F015H32A012
- F015H32A018
- F015H32A030
- F015H32A033

### 4000K

- F015H42A001
- F015H42A006
- F015H42A012
- F015H42A018
- F015H42A030
- F015H42A033



## Mile Bollard 2 600 Mono



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F015J21A001
- F015J21A006
- F015J21A012
- F015J21A018
- F015J21A030
- F015J21A033

1-10V

- F015J21B001
- F015J21B006
- F015J21B012
- F015J21B018
- F015J21B030
- F015J21B033

Dali

- F015J21D001
- F015J21D006
- F015J21D012
- F015J21D018
- F015J21D030
- F015J21D033

### 3000K

Non Dimmable

- F015J31A001
- F015J31A006
- F015J31A012
- F015J31A018
- F015J31A030
- F015J31A033

1-10V

- F015J31B001
- F015J31B006
- F015J31B012
- F015J31B018
- F015J31B030
- F015J31B033

Dali

- F015J31D001
- F015J31D006
- F015J31D012
- F015J31D018
- F015J31D030
- F015J31D033

### 4000K

Non Dimmable

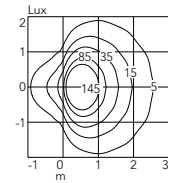
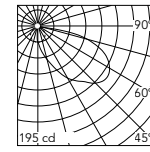
- F015J41A001
- F015J41A006
- F015J41A012
- F015J41A018
- F015J41A030
- F015J41A033

1-10V

- F015J41B001
- F015J41B006
- F015J41B012
- F015J41B018
- F015J41B030
- F015J41B033

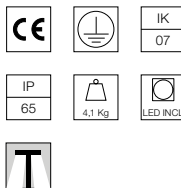
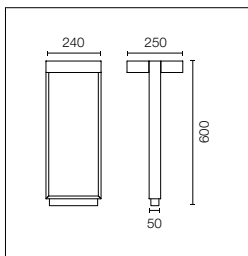
Dali

- F015J41D001
- F015J41D006
- F015J41D012
- F015J41D018
- F015J41D030
- F015J41D033



@3000K





LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

Mid - Power Led: 15,6W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 15,6W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 15,6W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F015J22A001
- F015J22A006
- F015J22A012
- F015J22A018
- F015J22A030
- F015J22A033
- 1-10V
- F015J22B001
- F015J22B006
- F015J22B012
- F015J22B018
- F015J22B030
- F015J22B033
- Dali
- F015J22D001
- F015J22D006
- F015J22D012
- F015J22D018
- F015J22D030
- F015J22D033

**3000K**

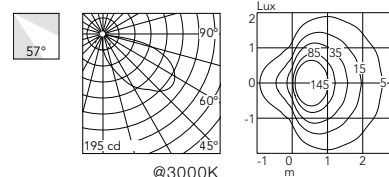
Non Dimmable

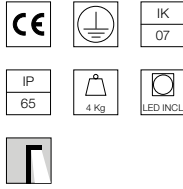
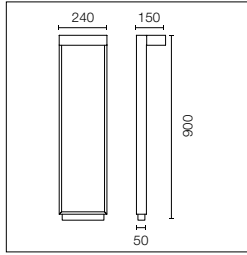
- F015J32A001
- F015J32A006
- F015J32A012
- F015J32A018
- F015J32A030
- F015J32A033
- 1-10V
- F015J32B001
- F015J32B006
- F015J32B012
- F015J32B018
- F015J32B030
- F015J32B033
- Dali
- F015J32D001
- F015J32D006
- F015J32D012
- F015J32D018
- F015J32D030
- F015J32D033

**4000K**

Non Dimmable

- F015J42A001
- F015J42A006
- F015J42A012
- F015J42A018
- F015J42A030
- F015J42A033
- 1-10V
- F015J42B001
- F015J42B006
- F015J42B012
- F015J42B018
- F015J42B030
- F015J42B033
- Dali
- F015J42D001
- F015J42D006
- F015J42D012
- F015J42D018
- F015J42D030
- F015J42D033





LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

Mid - Power Led: 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F015K21A001
- F015K21A006
- F015K21A012
- F015K21A018
- F015K21A030
- F015K21A033
- 1-10V
- F015K21B001
- F015K21B006
- F015K21B012
- F015K21B018
- F015K21B030
- F015K21B033
- Dali
- F015K21D001
- F015K21D006
- F015K21D012
- F015K21D018
- F015K21D030
- F015K21D033

**3000K**

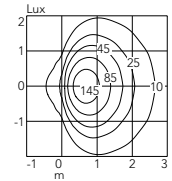
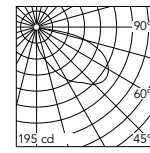
Non Dimmable

- F015K31A001
- F015K31A006
- F015K31A012
- F015K31A018
- F015K31A030
- F015K31A033
- 1-10V
- F015K31B001
- F015K31B006
- F015K31B012
- F015K31B018
- F015K31B030
- F015K31B033
- Dali
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- F015K31D012
- F015K31D018
- F015K31D030
- F015K31D033

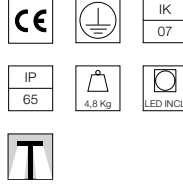
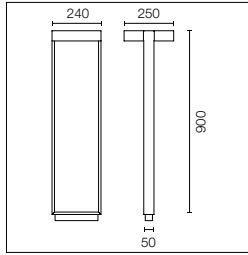
**4000K**

Non Dimmable

- F015K41A001
- F015K41A006
- F015K41A012
- F015K41A018
- F015K41A030
- F015K41A033
- 1-10V
- F015K41B001
- F015K41B006
- F015K41B012
- F015K41B018
- F015K41B030
- F015K41B033
- Dali
- F015K41D001
- F015K41D006
- F015K41D012
- F015K41D018
- F015K41D030
- F015K41D033



# Mile Bollard 2 900 Double



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Aussschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 15,6W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 15,6W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 15,6W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015K22A001
- F015K22A006
- F015K22A012
- F015K22A018
- F015K22A030
- F015K22A033

1-10V

- F015K22B001
- F015K22B006
- F015K22B012
- F015K22B018
- F015K22B030
- F015K22B033

Dali

- F015K22D001
- F015K22D006
- F015K22D012
- F015K22D018
- F015K22D030
- F015K22D033

## 3000K

Non Dimmable

- F015K32A001
- F015K32A006
- F015K32A012
- F015K32A018
- F015K32A030
- F015K32A033

1-10V

- F015K32B001
- F015K32B006
- F015K32B012
- F015K32B018
- F015K32B030
- F015K32B033

Dali

- F015K32D001
- F015K32D006
- F015K32D012
- F015K32D018
- F015K32D030
- F015K32D033

## 4000K

Non Dimmable

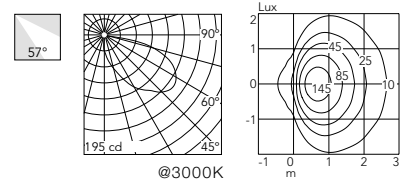
- F015K42A001
- F015K42A006
- F015K42A012
- F015K42A018
- F015K42A030
- F015K42A033

1-10V

- F015K42B001
- F015K42B006
- F015K42B012
- F015K42B018
- F015K42B030
- F015K42B033

Dali

- F015K42D001
- F015K42D006
- F015K42D012
- F015K42D018
- F015K42D030
- F015K42D033



## Mile Bollard: Zubehör / Accessories

Stiftschraubenplatte.

Base plate with bolt.

Bollard 1

F015Z000000



Stiftschraubenplatte.

Base plate with bolt.

Bollard 2

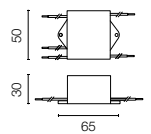
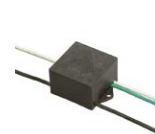
F015Z010000



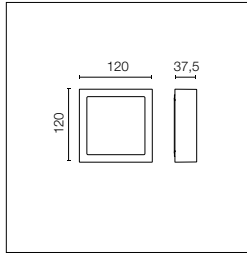
Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



## Mile Path 1



Inklusive LED-Lichtquelle.  
Integrierte 220-240V ON/OFF-  
Stromversorgung.  
Ausgestattet mit doppelter  
Kabeldurchführung für Ein- und  
Ausgangsanschluss. Inklusive  
Befestigungshalterung.



LED light source included.  
Integrated 220-240 V ON/OFF  
electrical power.  
Equipped with double cable  
gland for inlet and outlet  
connection. Fixing bracket  
included.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 422 lm ≠ FIXT 100 lm - 2700K/CRI>80 - 220-240V / 4,9W - 439 lm ≠ FIXT 104 lm - 3000K/CRI>80 - 220-240V /  
4,9W - 456 lm ≠ FIXT 108 lm - 4000/CRI>80 - 220-240V

### 2700K

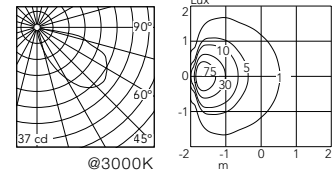
- F015L20A000
- F015L20A001
- F015L20A006
- F015L20A012
- F015L20A018
- F015L20A030
- F015L20A033

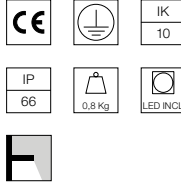
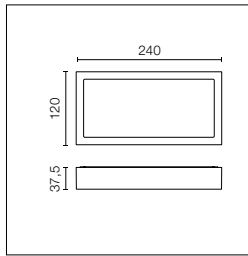
### 3000K

- F015L30A000
- F015L30A001
- F015L30A006
- F015L30A012
- F015L30A018
- F015L30A030
- F015L30A033

### 4000K

- F015L40A000
- F015L40A001
- F015L40A006
- F015L40A012
- F015L40A018
- F015L40A030
- F015L40A033





Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI. Ausgestattet mit Kabelverschraubung für IP-dichten Sicherheitsanschluss. Inklusive Befestigungshalterung.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with a cable gland for safety connection with IP tightness. Fixing bracket included.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 7,6W - 818 lm ≠ FIXT 172 lm - 2700K/CRI>80 - 220-240V / 7,6W - 850 lm ≠ FIXT 179 lm - 3000K/CRI>80 - 220-240V / 7,6W - 883 lm ≠ FIXT 186 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F015M20A000
- F015M20A001
- F015M20A006
- F015M20A012
- F015M20A018
- F015M20A030
- F015M20A033
- 1-10V
- F015M20B000
- F015M20B001
- F015M20B006
- F015M20B012
- F015M20B018
- F015M20B030
- F015M20B033
- Dali
- F015M20D000
- F015M20D001
- F015M20D006
- F015M20D012
- F015M20D018
- F015M20D030
- F015M20D033

**3000K**

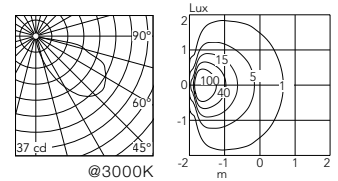
Non Dimmable

- F015M30A000
- F015M30A001
- F015M30A006
- F015M30A012
- F015M30A018
- F015M30A030
- F015M30A033
- 1-10V
- F015M30B000
- F015M30B001
- F015M30B006
- F015M30B012
- F015M30B018
- F015M30B030
- F015M30B033
- Dali
- F015M30D000
- F015M30D001
- F015M30D006
- F015M30D012
- F015M30D018
- F015M30D030
- F015M30D033

**4000K**

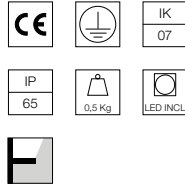
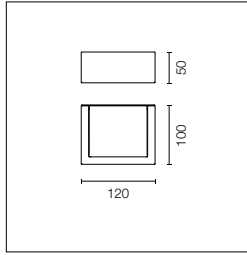
Non Dimmable

- F015M40A000
- F015M40A001
- F015M40A006
- F015M40A012
- F015M40A018
- F015M40A030
- F015M40A033
- 1-10V
- F015M40B000
- F015M40B001
- F015M40B006
- F015M40B012
- F015M40B018
- F015M40B030
- F015M40B033
- Dali
- F015M40D000
- F015M40D001
- F015M40D006
- F015M40D012
- F015M40D018
- F015M40D030
- F015M40D033



\* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Mile Wall 1 Asymmetric Up



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

### 2700K

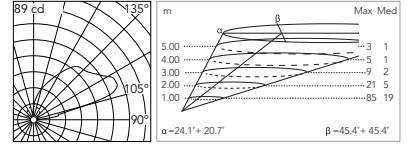
- F015A21A000
- F015A21A001
- F015A21A006
- F015A21A012
- F015A21A018
- F015A21A030
- F015A21A033

### 3000K

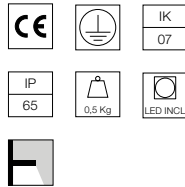
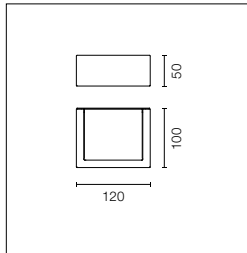
- F015A31A000
- F015A31A001
- F015A31A006
- F015A31A012
- F015A31A018
- F015A31A030
- F015A31A033

### 4000K

- F015A41A000
- F015A41A001
- F015A41A006
- F015A41A012
- F015A41A018
- F015A41A030
- F015A41A033



## Mile Wall 1 Asymmetric Down



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

### 2700K

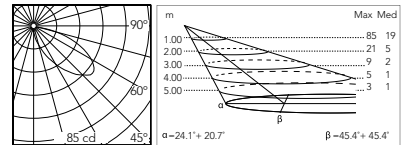
- F015A22A000
- F015A22A001
- F015A22A006
- F015A22A012
- F015A22A018
- F015A22A030
- F015A22A033

### 3000K

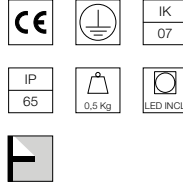
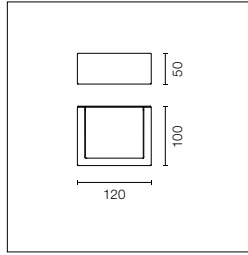
- F015A32A000
- F015A32A001
- F015A32A006
- F015A32A012
- F015A32A018
- F015A32A030
- F015A32A033

### 4000K

- F015A42A000
- F015A42A001
- F015A42A006
- F015A42A012
- F015A42A018
- F015A42A030
- F015A42A033



## Mile Wall 1 Washer Up



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 291 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 314 lm - 4000K/CRI 80 - 220-240V

### 2700K

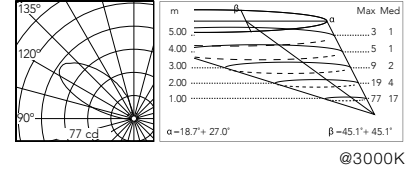
- F015B21A000
- F015B21A001
- F015B21A006
- F015B21A012
- F015B21A018
- F015B21A030
- F015B21A033

### 3000K

- F015B31A000
- F015B31A001
- F015B31A006
- F015B31A012
- F015B31A018
- F015B31A030
- F015B31A033

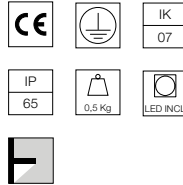
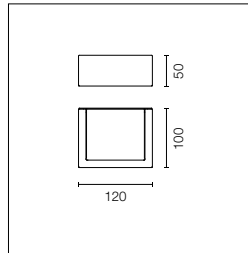
### 4000K

- F015B41A000
- F015B41A001
- F015B41A006
- F015B41A012
- F015B41A018
- F015B41A030
- F015B41A033



@3000K

## Mile Wall 1 Washer Down



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 291 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 314 lm - 4000K/CRI 80 - 220-240V

### 2700K

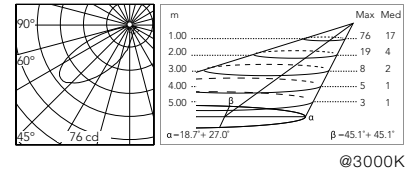
- F015B22A000
- F015B22A001
- F015B22A006
- F015B22A012
- F015B22A018
- F015B22A030
- F015B22A033

### 3000K

- F015B32A000
- F015B32A001
- F015B32A006
- F015B32A012
- F015B32A018
- F015B32A030
- F015B32A033

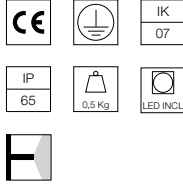
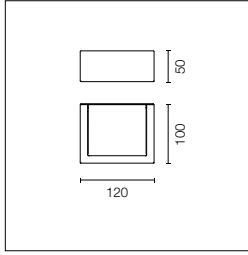
### 4000K

- F015B42A000
- F015B42A001
- F015B42A006
- F015B42A012
- F015B42A018
- F015B42A030
- F015B42A033



@3000K

## Mile Wall 1 Asymmetric Up & Down



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 2x291 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 2x303 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 2x314 lm - 4000K/CRI 80 - 220-240V

### 2700K

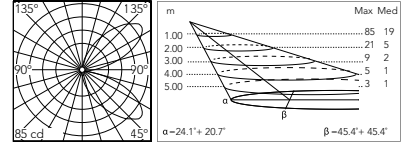
- F015A23A000
- F015A23A001
- F015A23A006
- F015A23A012
- F015A23A018
- F015A23A030
- F015A23A033

### 3000K

- F015A33A000
- F015A33A001
- F015A33A006
- F015A33A012
- F015A33A018
- F015A33A030
- F015A33A033

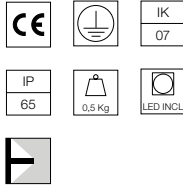
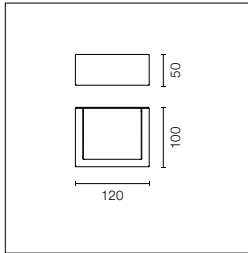
### 4000K

- F015A43A000
- F015A43A001
- F015A43A006
- F015A43A012
- F015A43A018
- F015A43A030
- F015A43A033



@3000K

## Mile Wall 1 Washer Up & Down



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 2x291 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 2x303 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 2x314 lm - 4000K/CRI 80 - 220-240V

### 2700K

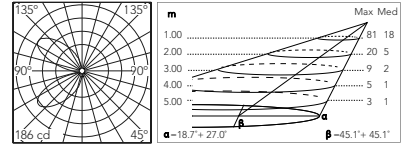
- F015B23A000
- F015B23A001
- F015B23A006
- F015B23A012
- F015B23A018
- F015B23A030
- F015B23A033

### 3000K

- F015B33A000
- F015B33A001
- F015B33A006
- F015B33A012
- F015B33A018
- F015B33A030
- F015B33A033

### 4000K

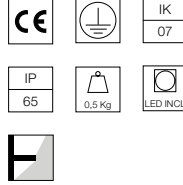
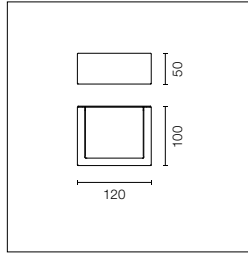
- F015B43A000
- F015B43A001
- F015B43A006
- F015B43A012
- F015B43A018
- F015B43A030
- F015B43A033



@3000K



## Mile Wall 1 Washer Down + Asymmetric Up



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 291+283 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 303+294 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 314+305 lm - 4000K/CRI 80 - 220-240V

### 2700K

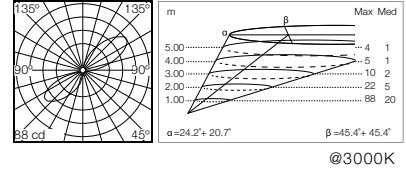
- F015C24A000
- F015C24A001
- F015C24A006
- F015C24A012
- F015C24A018
- F015C24A030
- F015C24A033

### 3000K

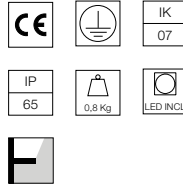
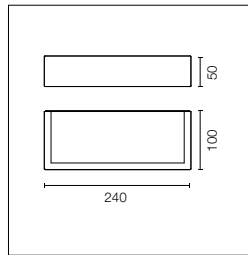
- F015C34A000
- F015C34A001
- F015C34A006
- F015C34A012
- F015C34A018
- F015C34A030
- F015C34A033

### 4000K

- F015C44A000
- F015C44A001
- F015C44A006
- F015C44A012
- F015C44A018
- F015C44A030
- F015C44A033



## Mile Wall 2 Asymmetric Up



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F015D21A000
- F015D21A001
- F015D21A006
- F015D21A012
- F015D21A018
- F015D21A030
- F015D21A033

1-10V

- F015D21B000
- F015D21B001
- F015D21B006
- F015D21B012
- F015D21B018
- F015D21B030
- F015D21B033

Dali

- F015D21D000
- F015D21D001
- F015D21D006
- F015D21D012
- F015D21D018
- F015D21D030
- F015D21D033

### 3000K

Non Dimmable

- F015D31A000
- F015D31A001
- F015D31A006
- F015D31A012
- F015D31A018
- F015D31A030
- F015D31A033

1-10V

- F015D31B000
- F015D31B001
- F015D31B006
- F015D31B012
- F015D31B018
- F015D31B030
- F015D31B033

Dali

- F015D31D000
- F015D31D001
- F015D31D006
- F015D31D012
- F015D31D018
- F015D31D030
- F015D31D033

### 4000K

Non Dimmable

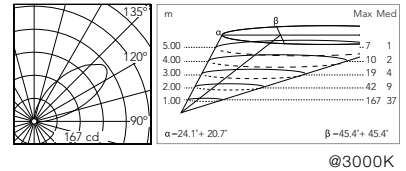
- F015D41A000
- F015D41A001
- F015D41A006
- F015D41A012
- F015D41A018
- F015D41A030
- F015D41A033

1-10V

- F015D41B000
- F015D41B001
- F015D41B006
- F015D41B012
- F015D41B018
- F015D41B030
- F015D41B033

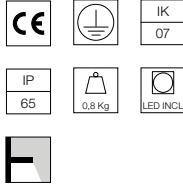
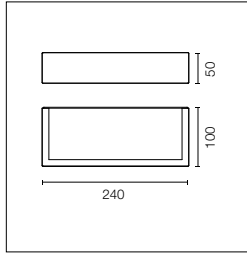
Dali

- F015D41D000
- F015D41D001
- F015D41D006
- F015D41D012
- F015D41D018
- F015D41D030
- F015D41D033



@3000K

## Mile Wall 2 Asymmetric Down



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F015D22A000
- F015D22A001
- F015D22A006
- F015D22A012
- F015D22A018
- F015D22A030
- F015D22A033
- 1-10V
- F015D22B000
- F015D22B001
- F015D22B006
- F015D22B012
- F015D22B018
- F015D22B030
- F015D22B033

Dali

- F015D22D000
- F015D22D001
- F015D22D006
- F015D22D012
- F015D22D018
- F015D22D030
- F015D22D033

### 3000K

Non Dimmable

- F015D32A000
- F015D32A001
- F015D32A006
- F015D32A012
- F015D32A018
- F015D32A030
- F015D32A033
- 1-10V
- F015D32B000
- F015D32B001
- F015D32B006
- F015D32B012
- F015D32B018
- F015D32B030
- F015D32B033

Dali

- F015D32D000
- F015D32D001
- F015D32D006
- F015D32D012
- F015D32D018
- F015D32D030
- F015D32D033

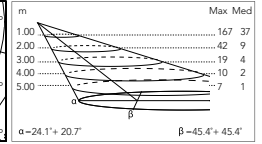
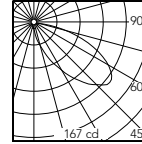
### 4000K

Non Dimmable

- F015D42A000
- F015D42A001
- F015D42A006
- F015D42A012
- F015D42A018
- F015D42A030
- F015D42A033
- 1-10V
- F015D42B000
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- F015D42B006
- F015D42B012
- F015D42B018
- F015D42B030
- F015D42B033

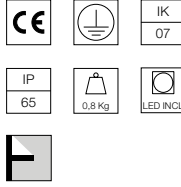
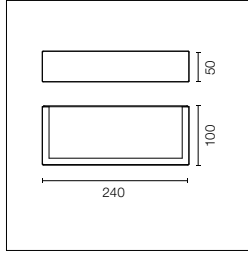
Dali

- F015D42D000
- F015D42D001
- F015D42D006
- F015D42D012
- F015D42D018
- F015D42D030
- F015D42D033



@3000K

# Mile Wall 2 Washer Up



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Aus-schalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 6,4W - 661 lm ≠ FIXT 453 lm - 2700K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 471 lm - 3000K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 489 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015E21A000
- F015E21A001
- F015E21A006
- F015E21A012
- F015E21A018
- F015E21A030
- F015E21A033
- 1-10V
- F015E21B000
- F015E21B001
- F015E21B006
- F015E21B012
- F015E21B018
- F015E21B030
- F015E21B033
- Dali
- F015E21D000
- F015E21D001
- F015E21D006
- F015E21D012
- F015E21D018
- F015E21D030
- F015E21D033

## 3000K

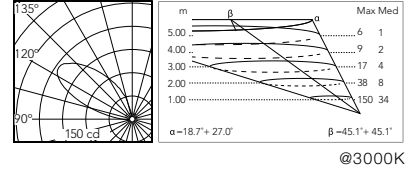
Non Dimmable

- F015E31A000
- F015E31A001
- F015E31A006
- F015E31A012
- F015E31A018
- F015E31A030
- F015E31A033
- 1-10V
- F015E31B000
- F015E31B001
- F015E31B006
- F015E31B012
- F015E31B018
- F015E31B030
- F015E31B033
- Dali
- F015E31D000
- F015E31D001
- F015E31D006
- F015E31D012
- F015E31D018
- F015E31D030
- F015E31D033

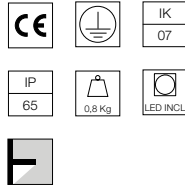
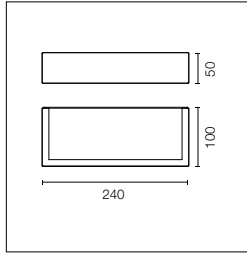
## 4000K

Non Dimmable

- F015E41A000
- F015E41A001
- F015E41A006
- F015E41A012
- F015E41A018
- F015E41A030
- F015E41A033
- 1-10V
- F015E41B000
- F015E41B001
- F015E41B006
- F015E41B012
- F015E41B018
- F015E41B030
- F015E41B033
- Dali
- F015E41D000
- F015E41D001
- F015E41D006
- F015E41D012
- F015E41D018
- F015E41D030
- F015E41D033



# Mile Wall 2 Washer Down



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 6,4W - 661 lm ≠ FIXT 453 lm - 2700K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 471 lm - 3000K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 489 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015E22A000
- F015E22A001
- F015E22A006
- F015E22A012
- F015E22A018
- F015E22A030
- F015E22A033
- 1-10V
- F015E22B000
- F015E22B001
- F015E22B006
- F015E22B012
- F015E22B018
- F015E22B030
- F015E22B033

Dali

- F015E22D000
- F015E22D001
- F015E22D006
- F015E22D012
- F015E22D018
- F015E22D030
- F015E22D033

## 3000K

Non Dimmable

- F015E32A000
- F015E32A001
- F015E32A006
- F015E32A012
- F015E32A018
- F015E32A030
- F015E32A033
- 1-10V
- F015E32B000
- F015E32B001
- F015E32B006
- F015E32B012
- F015E32B018
- F015E32B030
- F015E32B033

Dali

- F015E32D000
- F015E32D001
- F015E32D006
- F015E32D012
- F015E32D018
- F015E32D030
- F015E32D033

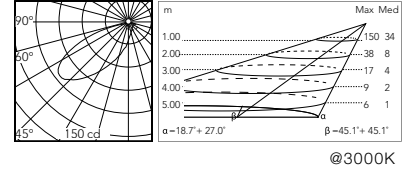
## 4000K

Non Dimmable

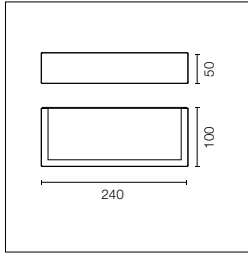
- F015E42A000
- F015E42A001
- F015E42A006
- F015E42A012
- F015E42A018
- F015E42A030
- F015E42A033
- 1-10V
- F015E42B000
- F015E42B001
- F015E42B006
- F015E42B012
- F015E42B018
- F015E42B030
- F015E42B033

Dali

- F015E42D000
- F015E42D001
- F015E42D006
- F015E42D012
- F015E42D018
- F015E42D030
- F015E42D033



# Mile Wall 2 Asymmetric Up & Down



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Aus-schalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 13,5W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 13,5W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 13,5W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015D23A000
- F015D23A001
- F015D23A006
- F015D23A012
- F015D23A018
- F015D23A030
- F015D23A033
- 1-10V
- F015D23B000
- F015D23B001
- F015D23B006
- F015D23B012
- F015D23B018
- F015D23B030
- F015D23B033
- Dali
- F015D23D000
- F015D23D001
- F015D23D006
- F015D23D012
- F015D23D018
- F015D23D030
- F015D23D033

## 3000K

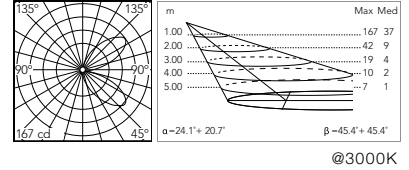
Non Dimmable

- F015D33A000
- F015D33A001
- F015D33A006
- F015D33A012
- F015D33A018
- F015D33A030
- F015D33A033
- 1-10V
- F015D33B000
- F015D33B001
- F015D33B006
- F015D33B012
- F015D33B018
- F015D33B030
- F015D33B033
- Dali
- F015D33D000
- F015D33D001
- F015D33D006
- F015D33D012
- F015D33D018
- F015D33D030
- F015D33D033

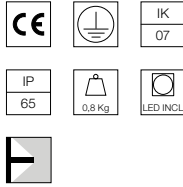
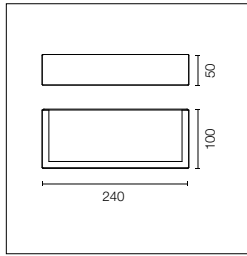
## 4000K

Non Dimmable

- F015D43A000
- F015D43A001
- F015D43A006
- F015D43A012
- F015D43A018
- F015D43A030
- F015D43A033
- 1-10V
- F015D43B000
- F015D43B001
- F015D43B006
- F015D43B012
- F015D43B018
- F015D43B030
- F015D43B033
- Dali
- F015D43D000
- F015D43D001
- F015D43D006
- F015D43D012
- F015D43D018
- F015D43D030
- F015D43D033



# Mile Wall 2 Washer Up & Down



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 10,5W - 2x661 lm ≠ FIXT 2x453 lm - 2700K/CRI 80 - 220-240V / 10,5W - 2x714 lm ≠ FIXT 2x471 lm - 3000K/CRI 80 - 220-240V / 10,5W - 2x714 lm ≠ FIXT 2x489 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015E23A000
- F015E23A001
- F015E23A006
- F015E23A012
- F015E23A018
- F015E23A030
- F015E23A033
- 1-10V
- F015E23B000
- F015E23B001
- F015E23B006
- F015E23B012
- F015E23B018
- F015E23B030
- F015E23B033

Dali

- F015E23D000
- F015E23D001
- F015E23D006
- F015E23D012
- F015E23D018
- F015E23D030
- F015E23D033

## 3000K

Non Dimmable

- F015E33A000
- F015E33A001
- F015E33A006
- F015E33A012
- F015E33A018
- F015E33A030
- F015E33A033
- 1-10V
- F015E33B000
- F015E33B001
- F015E33B006
- F015E33B012
- F015E33B018
- F015E33B030
- F015E33B033

Dali

- F015E33D000
- F015E33D001
- F015E33D006
- F015E33D012
- F015E33D018
- F015E33D030
- F015E33D033

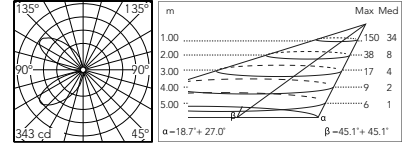
## 4000K

Non Dimmable

- F015E43A000
- F015E43A001
- F015E43A006
- F015E43A012
- F015E43A018
- F015E43A030
- F015E43A033
- 1-10V
- F015E43B000
- F015E43B001
- F015E43B006
- F015E43B012
- F015E43B018
- F015E43B030
- F015E43B033

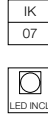
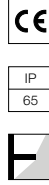
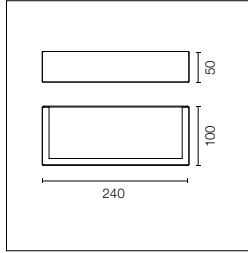
Dali

- F015E43D000
- F015E43D001
- F015E43D006
- F015E43D012
- F015E43D018
- F015E43D030
- F015E43D033



@3000K

# Mile Wall 2 Washer Down + Asymmetric Up



LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with double cable gland for electrical connection.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid - Power Led:** 12W - 661+838 lm ≠ FIXT 453+603 lm - 2700K/CRI 80 - 220-240V / 12W - 2714+872 lm ≠ FIXT 471+627 lm - 3000K/CRI 80 - 220-240V / 12W - 714+905 lm ≠ FIXT 489+651 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F015F24A000
- F015F24A001
- F015F24A006
- F015F24A012
- F015F24A018
- F015F24A030
- F015F24A033
- 1-10V
- F015F24B000
- F015F24B001
- F015F24B006
- F015F24B012
- F015F24B018
- F015F24B030
- F015F24B033
- Dali
- F015F24D000
- F015F24D001
- F015F24D006
- F015F24D012
- F015F24D018
- F015F24D030
- F015F24D033

## 3000K

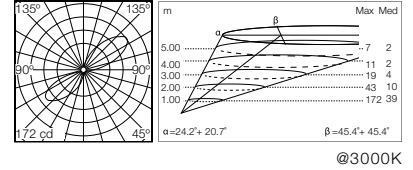
Non Dimmable

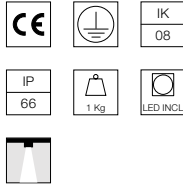
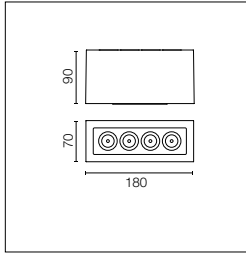
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- F015F34A001
- F015F34A006
- F015F34A012
- F015F34A018
- F015F34A030
- F015F34A033
- 1-10V
- F015F34B000
- F015F34B001
- F015F34B006
- F015F34B012
- F015F34B018
- F015F34B030
- F015F34B033
- Dali
- F015F34D000
- F015F34D001
- F015F34D006
- F015F34D012
- F015F34D018
- F015F34D030
- F015F34D033

## 4000K

Non Dimmable

- F015F44A000
- F015F44A001
- F015F44A006
- F015F44A012
- F015F44A018
- F015F44A030
- F015F44A033
- 1-10V
- F015F44B000
- F015F44B001
- F015F44B006
- F015F44B012
- F015F44B018
- F015F44B030
- F015F44B033
- Dali
- F015F44D000
- F015F44D001
- F015F44D006
- F015F44D012
- F015F44D018
- F015F44D030
- F015F44D033





Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240V ON/OFF oder dimmbar  
1-10V / DALI.  
Ausgestattet mit doppelter  
Kabeldurchführung für Eingangs-  
und Ausgangsanschluss.  
Inklusive Befestigungshalterung.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power.  
Equipped with double cable  
gland for inlet and outlet  
connection. Fixing bracket  
included.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 11W - 994 lm ≠ \*FIXT 736 lm - 2700K/CRI>80 - 220-240V / 11W - 1030 lm ≠ \*FIXT 759 lm - 3000K/CRI>80 - 220-240V /  
11W - 1067 lm ≠ \*FIXT 791 lm - 4000K/CRI>80 - 220-240V  
\*Fixt lm = Spot Optic

**Optic Spot**

**2700K**

Non Dimmable

- F030A21A000
- F030A21A001
- F030A21A006
- F030A21A012
- F030A21A018
- F030A21A030
- F030A21A033

1-10V

- F030A21B000
- F030A21B001
- F030A21B006
- F030A21B012
- F030A21B018
- F030A21B030
- F030A21B033

Dali

- F030A21D000
- F030A21D001
- F030A21D006
- F030A21D012
- F030A21D018
- F030A21D030
- F030A21D033

**3000K**

Non Dimmable

- F030A31A000
- F030A31A001
- F030A31A006
- F030A31A012
- F030A31A018
- F030A31A030
- F030A31A033

1-10V

- F030A31B000
- F030A31B001
- F030A31B006
- F030A31B012
- F030A31B018
- F030A31B030
- F030A31B033

Dali

- F030A31D000
- F030A31D001
- F030A31D006
- F030A31D012
- F030A31D018
- F030A31D030
- F030A31D033

**4000K**

Non Dimmable

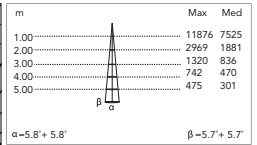
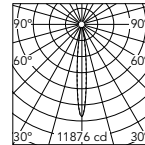
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- F030A41A001
- F030A41A006
- F030A41A012
- F030A41A018
- F030A41A030
- F030A41A033

1-10V

- F030A41B000
- F030A41B001
- F030A41B006
- F030A41B012
- F030A41B018
- F030A41B030
- F030A41B033

Dali

- F030A41D000
- F030A41D001
- F030A41D006
- F030A41D012
- F030A41D018
- F030A41D030
- F030A41D033



@3000K

**Optic Medium**

**2700K**

Non Dimmable

- F030A22A000
- F030A22A001
- F030A22A006
- F030A22A012
- F030A22A018
- F030A22A030
- F030A22A033

1-10V

- F030A22B000
- F030A22B001
- F030A22B006
- F030A22B012
- F030A22B018
- F030A22B030
- F030A22B033

Dali

- F030A22D000
- F030A22D001
- F030A22D006
- F030A22D012
- F030A22D018
- F030A22D030
- F030A22D033

**3000K**

Non Dimmable

- F030A32A000
- F030A32A001
- F030A32A006
- F030A32A012
- F030A32A018
- F030A32A030
- F030A32A033

1-10V

- F030A32B000
- F030A32B001
- F030A32B006
- F030A32B012
- F030A32B018
- F030A32B030
- F030A32B033

Dali

- F030A32D000
- F030A32D001
- F030A32D006
- F030A32D012
- F030A32D018
- F030A32D030
- F030A32D033

**4000K**

Non Dimmable

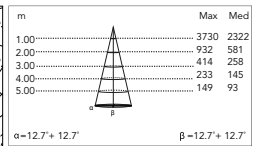
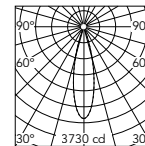
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- F030A42A006
- F030A42A012
- F030A42A018
- F030A42A030
- F030A42A033

1-10V

- F030A42B000
- F030A42B001
- F030A42B006
- F030A42B012
- F030A42B018
- F030A42B030
- F030A42B033

Dali

- F030A42D000
- F030A42D001
- F030A42D006
- F030A42D012
- F030A42D018
- F030A42D030
- F030A42D033



@3000K



## Optic Flood

### 2700K

Non Dimmable

- F030A23A000
- F030A23A001
- F030A23A006
- F030A23A012
- F030A23A018
- F030A23A030
- F030A23A033
- 1-10V
- F030A23B000
- F030A23B001
- F030A23B006
- F030A23B012
- F030A23B018
- F030A23B030
- F030A23B033
- Dali
- F030A23D000
- F030A23D001
- F030A23D006
- F030A23D012
- F030A23D018
- F030A23D030
- F030A23D033

### 3000K

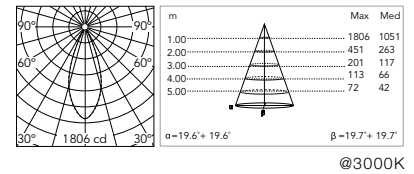
Non Dimmable

- F030A33A000
- F030A33A001
- F030A33A006
- F030A33A012
- F030A33A018
- F030A33A030
- F030A33A033
- 1-10V
- F030A33B000
- F030A33B001
- F030A33B006
- F030A33B012
- F030A33B018
- F030A33B030
- F030A33B033
- Dali
- F030A33D000
- F030A33D001
- F030A33D006
- F030A33D012
- F030A33D018
- F030A33D030
- F030A33D033

### 4000K

Non Dimmable

- F030A43A000
- F030A43A001
- F030A43A006
- F030A43A012
- F030A43A018
- F030A43A030
- F030A43A033
- 1-10V
- F030A43B000
- F030A43B001
- F030A43B006
- F030A43B012
- F030A43B018
- F030A43B030
- F030A43B033
- Dali
- F030A43D000
- F030A43D001
- F030A43D006
- F030A43D012
- F030A43D018
- F030A43D030
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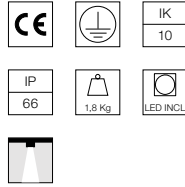
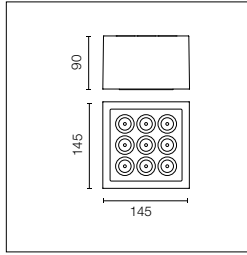


## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H2O Stop.	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		

## Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000		
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000		



Inklusive LED-Lichtquelle.  
Integrierte Spannungsversorgung  
220-240V ON/OFF oder dimmbar  
1-10V / DALI.  
Ausgestattet mit doppelter  
Kabeldurchführung für Eingangs-  
und Ausgangsanschluss. Inklusive  
Befestigungshalterung.

LED light source included.  
Integrated 220-240V ON/OFF  
and 1-10V/DALI dimmable  
electrical power.  
Equipped with double cable  
gland for inlet and outlet  
connection. Fixing bracket  
included.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 15W - 1677 lm ≠ \*FIXT 1032 lm - 2700K/CRI>80 - 220-240V / 15W - 1739 lm ≠ \*FIXT 1344 lm - 3000K/CRI>80 - 220-240V /  
15W - 1800 lm ≠ \*FIXT 1400 lm - 4000K/CRI>80 - 220-240V  
\*Fixt lm = Spot Optic

**Optic Spot**

**2700K**

Non Dimmable

- F030C21A000
- F030C21A001
- F030C21A006
- F030C21A012
- F030C21A018
- F030C21A030
- F030C21A033
- 1-10V
- F030C21B000
- F030C21B001
- F030C21B006
- F030C21B012
- F030C21B018
- F030C21B030
- F030C21B033

Dali

- F030C21D000
- F030C21D001
- F030C21D006
- F030C21D012
- F030C21D018
- F030C21D030
- F030C21D033

**3000K**

Non Dimmable

- F030C31A000
- F030C31A001
- F030C31A006
- F030C31A012
- F030C31A018
- F030C31A030
- F030C31A033
- 1-10V
- F030C31B000
- F030C31B001
- F030C31B006
- F030C31B012
- F030C31B018
- F030C31B030
- F030C31B033

Dali

- F030C31D000
- F030C31D001
- F030C31D006
- F030C31D012
- F030C31D018
- F030C31D030
- F030C31D033

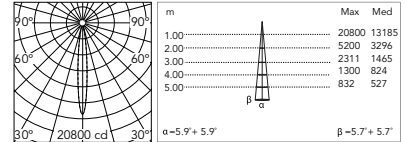
**4000K**

Non Dimmable

- F030C41A000
- F030C41A001
- F030C41A006
- F030C41A012
- F030C41A018
- F030C41A030
- F030C41A033
- 1-10V
- F030C41B000
- F030C41B001
- F030C41B006
- F030C41B012
- F030C41B018
- F030C41B030
- F030C41B033

Dali

- F030C41D000
- F030C41D001
- F030C41D006
- F030C41D012
- F030C41D018
- F030C41D030
- F030C41D033



@3000K

**Optic Medium**

**2700K**

Non Dimmable

- F030C22A000
- F030C22A001
- F030C22A006
- F030C22A012
- F030C22A018
- F030C22A030
- F030C22A033
- 1-10V
- F030C22B000
- F030C22B001
- F030C22B006
- F030C22B012
- F030C22B018
- F030C22B030
- F030C22B033

Dali

- F030C22D000
- F030C22D001
- F030C22D006
- F030C22D012
- F030C22D018
- F030C22D030
- F030C22D033

**3000K**

Non Dimmable

- F030C32A000
- F030C32A001
- F030C32A006
- F030C32A012
- F030C32A018
- F030C32A030
- F030C32A033
- 1-10V
- F030C32B000
- F030C32B001
- F030C32B006
- F030C32B012
- F030C32B018
- F030C32B030
- F030C32B033

Dali

- F030C32D000
- F030C32D001
- F030C32D006
- F030C32D012
- F030C32D018
- F030C32D030
- F030C32D033

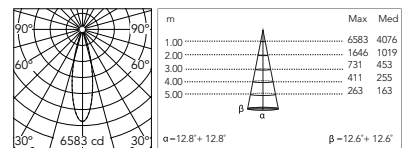
**4000K**

Non Dimmable

- F030C42A000
- F030C42A001
- F030C42A006
- F030C42A012
- F030C42A018
- F030C42A030
- F030C42A033
- 1-10V
- F030C42B000
- F030C42B001
- F030C42B006
- F030C42B012
- F030C42B018
- F030C42B030
- F030C42B033

Dali

- F030C42D000
- F030C42D001
- F030C42D006
- F030C42D012
- F030C42D018
- F030C42D030
- F030C42D033



@3000K

## Optic Flood

### 2700K

Non Dimmable

- F030C23A000
- F030C23A001
- F030C23A006
- F030C23A012
- F030C23A018
- F030C23A030
- F030C23A033
- 1-10V
- F030C23B000
- F030C23B001
- F030C23B006
- F030C23B012
- F030C23B018
- F030C23B030
- F030C23B033
- Dali
- F030C23D000
- F030C23D001
- F030C23D006
- F030C23D012
- F030C23D018
- F030C23D030
- F030C23D033

### 3000K

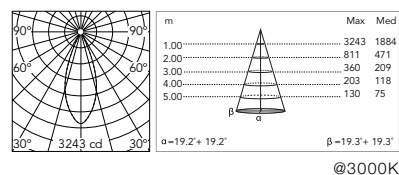
Non Dimmable

- F030C33A000
- F030C33A001
- F030C33A006
- F030C33A012
- F030C33A018
- F030C33A030
- F030C33A033
- 1-10V
- F030C33B000
- F030C33B001
- F030C33B006
- F030C33B012
- F030C33B018
- F030C33B030
- F030C33B033
- Dali
- F030C33D000
- F030C33D001
- F030C33D006
- F030C33D012
- F030C33D018
- F030C33D030
- F030C33D033

### 4000K

Non Dimmable

- F030C43A000
- F030C43A001
- F030C43A006
- F030C43A012
- F030C43A018
- F030C43A030
- F030C43A033
- 1-10V
- F030C43B000
- F030C43B001
- F030C43B006
- F030C43B012
- F030C43B018
- F030C43B030
- F030C43B033
- Dali
- F030C43D000
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- F030C43D006
- F030C43D012
- F030C43D018
- F030C43D030
- F030C43D033

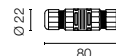


## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.

2 way terminal block 4 poles IP68 H2O Stop.

F990C00A000



Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).

F990C010000



## Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.

Connector kit 5-pole flying socket + EU plug IP68.

F990C080000



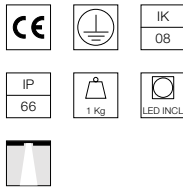
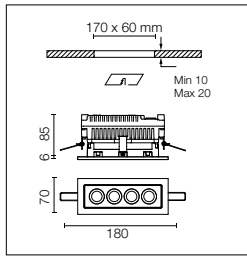
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).

4 way junction box 5 poles IP68 (6-14 mm cables).

F990C030000



# Mile Recessed 1



Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI. Ausgestattet mit Neopren-Kabeldurchlass und doppelter Kabeldurchführung für den Ein- und Austritt. Inklusive Federn für die Deckenmontage. Die Schalung für Ziegeldecken muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with neoprene cable outlet and double cable grommet for in/out connection. Ceiling mounting springs included. Box for brick roofing installation to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 11W - 994 lm ≠ \*FIXT 736 lm - 2700K/CRI>80 - 220-240V / 11W - 1030 lm ≠ \*FIXT 759 lm - 3000K/CRI>80 - 220-240V / 11W - 1067 lm ≠ \*FIXT 791 lm - 4000K/CRI>80 - 220-240V / \*Fixt lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F030B21A000
- F030B21A001
- F030B21A006
- F030B21A012
- F030B21A018
- F030B21A030
- F030B21A033
- 1-10V
- F030B21B000
- F030B21B001
- F030B21B006
- F030B21B012
- F030B21B018
- F030B21B030
- F030B21B033
- Dali
- F030B21D000
- F030B21D001
- F030B21D006
- F030B21D012
- F030B21D018
- F030B21D030
- F030B21D033

### 3000K

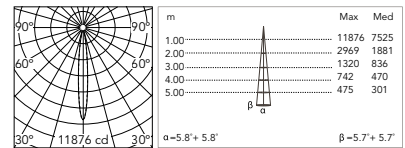
Non Dimmable

- F030B31A000
- F030B31A001
- F030B31A006
- F030B31A012
- F030B31A018
- F030B31A030
- F030B31A033
- 1-10V
- F030B31B000
- F030B31B001
- F030B31B006
- F030B31B012
- F030B31B018
- F030B31B030
- F030B31B033
- Dali
- F030B31D000
- F030B31D001
- F030B31D006
- F030B31D012
- F030B31D018
- F030B31D030
- F030B31D033

### 4000K

Non Dimmable

- F030B41A000
- F030B41A001
- F030B41A006
- F030B41A012
- F030B41A018
- F030B41A030
- F030B41A033
- 1-10V
- F030B41B000
- F030B41B001
- F030B41B006
- F030B41B012
- F030B41B018
- F030B41B030
- F030B41B033
- Dali
- F030B41D000
- F030B41D001
- F030B41D006
- F030B41D012
- F030B41D018
- F030B41D030
- F030B41D033



@3000K

## Optic Medium

### 2700K

Non Dimmable

- F030B22A000
- F030B22A001
- F030B22A006
- F030B22A012
- F030B22A018
- F030B22A030
- F030B22A033
- 1-10V
- F030B22B000
- F030B22B001
- F030B22B006
- F030B22B012
- F030B22B018
- F030B22B030
- F030B22B033
- Dali
- F030B22D000
- F030B22D001
- F030B22D006
- F030B22D012
- F030B22D018
- F030B22D030
- F030B22D033

### 3000K

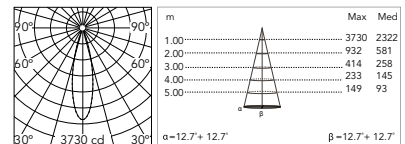
Non Dimmable

- F030B32A000
- F030B32A001
- F030B32A006
- F030B32A012
- F030B32A018
- F030B32A030
- F030B32A033
- 1-10V
- F030B32B000
- F030B32B001
- F030B32B006
- F030B32B012
- F030B32B018
- F030B32B030
- F030B32B033
- Dali
- F030B32D000
- F030B32D001
- F030B32D006
- F030B32D012
- F030B32D018
- F030B32D030
- F030B32D033

### 4000K

Non Dimmable

- F030B42A000
- F030B42A001
- F030B42A006
- F030B42A012
- F030B42A018
- F030B42A030
- F030B42A033
- 1-10V
- F030B42B000
- F030B42B001
- F030B42B006
- F030B42B012
- F030B42B018
- F030B42B030
- F030B42B033
- Dali
- F030B42D000
- F030B42D001
- F030B42D006
- F030B42D012
- F030B42D018
- F030B42D030
- F030B42D033



@3000K

## Optic Flood

### 2700K

Non Dimmable

- F030B23A000
- F030B23A001
- F030B23A006
- F030B23A012
- F030B23A018
- F030B23A030
- F030B23A033
- 1-10V
- F030B23B000
- F030B23B001
- F030B23B006
- F030B23B012
- F030B23B018
- F030B23B030
- F030B23B033
- Dali
- F030B23D000
- F030B23D001
- F030B23D006
- F030B23D012
- F030B23D018
- F030B23D030
- F030B23D033

### 3000K

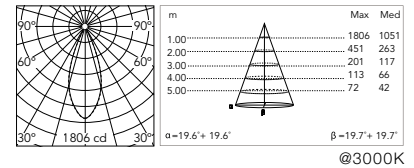
Non Dimmable

- F030B33A000
- F030B33A001
- F030B33A006
- F030B33A012
- F030B33A018
- F030B33A030
- F030B33A033
- 1-10V
- F030B33B000
- F030B33B001
- F030B33B006
- F030B33B012
- F030B33B018
- F030B33B030
- F030B33B033
- Dali
- F030B33D000
- F030B33D001
- F030B33D006
- F030B33D012
- F030B33D018
- F030B33D030
- F030B33D033

### 4000K

Non Dimmable

- F030B43A000
- F030B43A001
- F030B43A006
- F030B43A012
- F030B43A018
- F030B43A030
- F030B43A033
- 1-10V
- F030B43B000
- F030B43B001
- F030B43B006
- F030B43B012
- F030B43B018
- F030B43B030
- F030B43B033
- Dali
- F030B43D000
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- F030B43D012
- F030B43D018
- F030B43D030
- F030B43D033

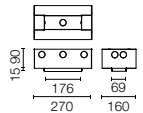


## Mile Recessed 1: Zubehör / Accessories

Einbaudose aus Metall für  
Betondecken.

Metal installation box for  
concrete ceiling.

F030Z010000



## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig.

2 way terminal block 4 poles  
IP68 H2O Stop.

F990C00A000



Verbindungssystem,  
IP68, 3/4-Wege-H2O-  
Antikondensat, 4-polig,  
(ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm  
cable).

F990C010000



## Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit  
fliegendem Stecker + EU-  
Stecker IP68.

Connector kit 5-pole flying  
socket + EU plug IP68.

F990C080000

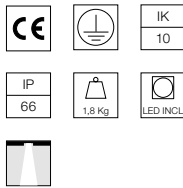
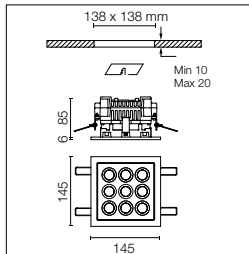


4-Wege-Abzweigdose  
5-polig, IP68 (6-14 mm-  
Kabel).

4 way junction box 5 poles  
IP68 (6-14 mm cables).

F990C030000





Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI. Ausgestattet mit Neopren-Kabeldurchlass und doppelter Kabeldurchführung für den Ein- und Austritt. Inklusive Federn für die Deckenmontage. Die Schalung für Ziegeldecken muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with neoprene cable outlet and double cable grommet for in/out connection. Ceiling mounting springs included. Box for brick roofing installation to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 15W - 1677 lm ≠ \*FIXT 1032 lm - 2700K/CRI>80 - 220-240V / 15W - 1739 lm ≠ \*FIXT 1344 lm - 3000K/CRI>80 - 220-240V / 15W - 1800 lm ≠ \*FIXT 1400 lm - 4000K/CRI>80 - 220-240V  
 \*Fixt lm = Spot Optic

**Optic Spot**

**2700K**

Non Dimmable

- F030D21A000
- F030D21A001
- F030D21A006
- F030D21A012
- F030D21A018
- F030D21A030
- F030D21A033
- 1-10V
- F030D21B000
- F030D21B001
- F030D21B006
- F030D21B012
- F030D21B018
- F030D21B030
- F030D21B033
- Dali
- F030D21D000
- F030D21D001
- F030D21D006
- F030D21D012
- F030D21D018
- F030D21D030
- F030D21D033

**3000K**

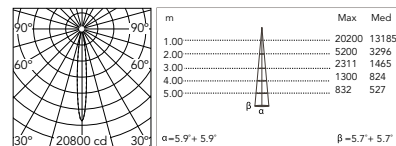
Non Dimmable

- F030D31A000
- F030D31A001
- F030D31A006
- F030D31A012
- F030D31A018
- F030D31A030
- F030D31A033
- 1-10V
- F030D31B000
- F030D31B001
- F030D31B006
- F030D31B012
- F030D31B018
- F030D31B030
- F030D31B033
- Dali
- F030D31D000
- F030D31D001
- F030D31D006
- F030D31D012
- F030D31D018
- F030D31D030
- F030D31D033

**4000K**

Non Dimmable

- F030D41A000
- F030D41A001
- F030D41A006
- F030D41A012
- F030D41A018
- F030D41A030
- F030D41A033
- 1-10V
- F030D41B000
- F030D41B001
- F030D41B006
- F030D41B012
- F030D41B018
- F030D41B030
- F030D41B033
- Dali
- F030D41D000
- F030D41D001
- F030D41D006
- F030D41D012
- F030D41D018
- F030D41D030
- F030D41D033



@3000K

**Optic Medium**

**2700K**

Non Dimmable

- F030D22A000
- F030D22A001
- F030D22A006
- F030D22A012
- F030D22A018
- F030D22A030
- F030D22A033
- 1-10V
- F030D22B000
- F030D22B001
- F030D22B006
- F030D22B012
- F030D22B018
- F030D22B030
- F030D22B033
- Dali
- F030D22D000
- F030D22D001
- F030D22D006
- F030D22D012
- F030D22D018
- F030D22D030
- F030D22D033

**3000K**

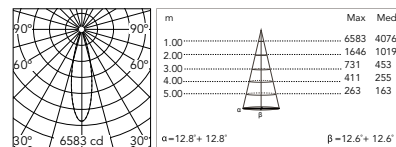
Non Dimmable

- F030D32A000
- F030D32A001
- F030D32A006
- F030D32A012
- F030D32A018
- F030D32A030
- F030D32A033
- 1-10V
- F030D32B000
- F030D32B001
- F030D32B006
- F030D32B012
- F030D32B018
- F030D32B030
- F030D32B033
- Dali
- F030D32D000
- F030D32D001
- F030D32D006
- F030D32D012
- F030D32D018
- F030D32D030
- F030D32D033

**4000K**

Non Dimmable

- F030D42A000
- F030D42A001
- F030D42A006
- F030D42A012
- F030D42A018
- F030D42A030
- F030D42A033
- 1-10V
- F030D42B000
- F030D42B001
- F030D42B006
- F030D42B012
- F030D42B018
- F030D42B030
- F030D42B033
- Dali
- F030D42D000
- F030D42D001
- F030D42D006
- F030D42D012
- F030D42D018
- F030D42D030
- F030D42D033



@3000K

## Optic Flood

### 2700K

Non Dimmable

- F030D23A000
- F030D23A001
- F030D23A006
- F030D23A012
- F030D23A018
- F030D23A030
- F030D23A033
- 1-10V
- F030D23B000
- F030D23B001
- F030D23B006
- F030D23B012
- F030D23B018
- F030D23B030
- F030D23B033
- Dali
- F030D23D000
- F030D23D001
- F030D23D006
- F030D23D012
- F030D23D018
- F030D23D030
- F030D23D033

### 3000K

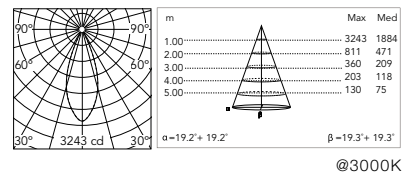
Non Dimmable

- F030D33A000
- F030D33A001
- F030D33A006
- F030D33A012
- F030D33A018
- F030D33A030
- F030D33A033
- 1-10V
- F030D33B000
- F030D33B001
- F030D33B006
- F030D33B012
- F030D33B018
- F030D33B030
- F030D33B033
- Dali
- F030D33D000
- F030D33D001
- F030D33D006
- F030D33D012
- F030D33D018
- F030D33D030
- F030D33D033

### 4000K

Non Dimmable

- F030D43A000
- F030D43A001
- F030D43A006
- F030D43A012
- F030D43A018
- F030D43A030
- F030D43A033
- 1-10V
- F030D43B000
- F030D43B001
- F030D43B006
- F030D43B012
- F030D43B018
- F030D43B030
- F030D43B033
- Dali
- F030D43D000
- F030D43D001
- F030D43D006
- F030D43D012
- F030D43D018
- F030D43D030
- F030D43D033

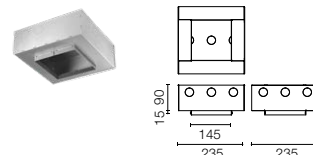


## Mile Recessed 2: Zubehör / Accessories

Einbaudose aus Metall für  
Betondecken.

Metal installation box for  
concrete ceiling.

F030Z020000



## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig.

2 way terminal block 4 poles  
IP68 H2O Stop.

F990C00A000



Verbindungssystem,  
IP68, 3/4-Wege-H2O-  
Antikondensat, 4-polig,  
(ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm  
cable).

F990C010000



## Zubehör für dimmbare Versionen / Accessories for dimmable versions

5-poliger Steckersatz mit  
fliegendem Stecker + EU-  
Stecker IP68.

Connector kit 5-pole flying  
socket + EU plug IP68.

F990C080000



4-Wege-Abzweigdose  
5-polig, IP68 (6-14 mm-  
Kabel).

4 way junction box 5 poles  
IP68 (6-14 mm cables).

F990C030000



# Captain Flint

Designed by Michael Anastassiades







Captain Flint



Captain Flint Wall

## Familie / Family

Captain Flint Outdoor Floor



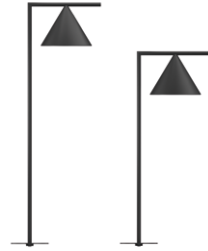
**CoB Led**  
11W  
1099 lm - 2700K/CRI 80  
1140 lm - 3000K/CRI 80  
1221 lm - 4000K/CRI 80  
*2200K available on request.*

Captain Flint Outdoor Wall



**CoB Led**  
9,5W  
989 lm - 2700K/CRI 80  
1026 lm - 3000K/CRI 80  
1099 lm - 4000K/CRI 80  
*2200K available on request.*

Captain Flint Outdoor Bollard



**CoB Led**  
9,5W  
989 lm - 2700K/CRI 80  
1026 lm - 3000K/CRI 80  
1099 lm - 4000K/CRI 80  
*2200K available on request.*

## Ausführungen / Colours



18 Deep Brown



30 Black



37 Burgundy Red



55 Brushed Stainless Steel



59 Brass Finish

## Captain Flint Outdoor Floor - Stone bases



18 Deep Brown/Travertino Imperiale



30 Black/Black Lava



37 Burgundy Red/Black Lava



55 Brushed Stainless Steel/  
Occhio di Pernice



59 Brass Finish/Grey Lava

## Beschreibung / Description

---

Leuchtenfamilie mit Wandversion und Bodenversion für den Außenbereich.

Wandversion mit festem Kopf. Rosette, Rahmen und Kegel aus poliertem 316L-Edelstahl, lackiert oder aus poliertem Messing. Die Strukturteile wurden mit einem chemischen Umwandlungsverfahren behandelt, um eine wirksame Beständigkeit gegen Witterungseinflüsse zu erreichen.

Diffusor aus fotogeätztem und spritzgegossenem opalisierendem Anti-UV-Polycarbonat. Inklusive LED-Lichtquelle.

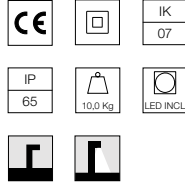
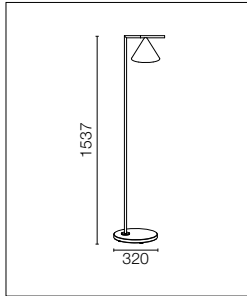
Bodenversion mit 315° verstellbarem Kopf auf horizontaler Stange, mit einem stabilen Steinsockel, der in verschiedenen Ausführungen erhältlich ist. Erhältlich in fünf Standardkombinationen: schwarz lackierter Stahl/schwarze Lava, tiefbraun lackierter Stahl/Travertino imperiale, satiniertes Messing/grau Lava, weinrot/schwarze Lava, satinierter Edelstahl/Occhio di pernice. 5 Meter langes, für den Außenbereich geeignetes Kabel mit IP44-Schuko-Stecker. IP65 beleuchteter Dimmschalter entlang des Kabels, der ON/OFF-Funktionen und 30-100 % Dimmen des Lichtstroms garantiert.

Luminaire family with wall version, bollard version and outdoor floor version.

Wall version with fixed head. Rose, frame and cone in 316L polished or painted stainless steel or polished brass finishes. Structural parts have been treated with a chemical conversion process for effective resistance against atmospheric conditions. Diffuser in photo-recorded and injection molded UV-resistant opalescent polycarbonate. LED light source included.

Floor version with 315° adjustable head in horizontal rod, with a robust stone base that comes in various finishes. Available in five standard combinations: black/black lava painted steel, deep brown/travertino imperiale, burgundy red/black lava, satinized brass/grey lava, satinized stainless steel/occhio di pernice. 5-m cable with IP44 Schuko plug suitable for outdoor use. Backlit floor dimmer switch along the IP65 cable enables ON/OFF function and 30–100% brightness regulation.

## Captain Flint Outdoor Floor



LED-Lichtquelle inbegriffen.  
Kabel (5 m lang und mit IP44-Schukostecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 %.  
Casambi Funktion auf Anfrage.

LED bulb included.  
5-m cable with Schuko IP44 plug suitable for outdoor use.  
Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100%.  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**CoB Led:** 11W - 1099 lm ≠ FIXT 669 lm - 2700K/CRI>80 - 220-240V / 11W - 1140 lm ≠ FIXT 694 lm - 3000K/CRI>80 - 220-240V / 11W - 1221 lm ≠ FIXT 744 lm - 4000K/CRI>80 - 220-240V

### 2700K

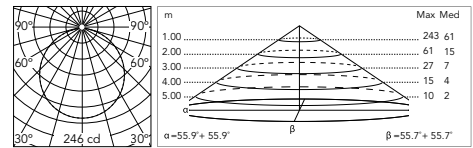
- F011A21F018.A
- F011A22F030.A
- F011A22F037.A
- F011A24F055.A
- F011A23F059.A

### 3000K

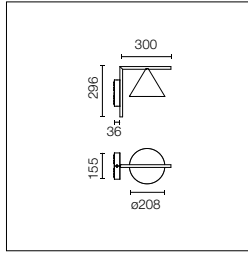
- F011A31F018.A
- F011A32F030.A
- F011A32F037.A
- F011A34F055.A
- F011A33F059.A

### 4000K

- F011A41F018.A
- F011A42F030.A
- F011A42F037.A
- F011A44F055.A
- F011A43F059.A



@3000K



Wandleuchte mit diffusem Lichtaustritt und festem Kopf. Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF oder dimmbar 1-10 V / DALI. Schnellanschluss innerhalb der Rosette mit elektrischem Plug&Play-Anschluss und IP68-Stecker inklusive. Inklusive Befestigungshalterung. 110V-Version auf Anfrage.

Luminaire for wall-mounting with diffuse light emission and fixed head. LED light source included. Integrated 220-240V ON/OFF or 1-10V/DALI dimmable electrical power. Connection is quickly ensured in the rose with the plug & play electrical connection and the IP68 connector included. Clamp bracket included. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**CoB Led:** 9,5W -989 lm ≠ FIXT 629 lm - 2700K/CRI>80 - 220-240V / 9,5W - 1026 lm ≠ FIXT 652 lm - 3000K/CRI>80 - 220-240V / 9,5W -1099 lm ≠ FIXT 699 lm - 4000K/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F011W20A018
- F011W20A030
- F011W20A037
- F011W20A055
- F011W20A059
- 1-10V
- F011W20B018
- F011W20B030
- F011W20B037
- F011W20B055
- F011W20B059
- Dali
- F011W20D018
- F011W20D030
- F011W20D037
- F011W20D055
- F011W20D059

**3000K**

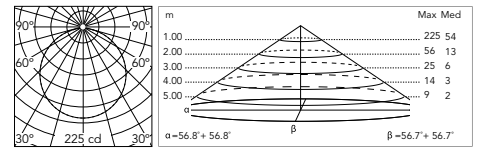
Non Dimmable

- F011W30A018
- F011W30A030
- F011W30A037
- F011W30A055
- F011W30A059
- 1-10V
- F011W30B018
- F011W30B030
- F011W30B037
- F011W30B055
- F011W30B059
- Dali
- F011W30D018
- F011W30D030
- F011W30D037
- F011W30D055
- F011W30D059

**4000K**

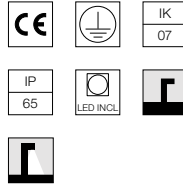
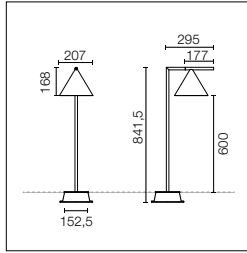
Non Dimmable

- F011W40A018
- F011W40A030
- F011W40A037
- F011W40A055
- F011W40A059
- 1-10V
- F011W40B018
- F011W40B030
- F011W40B037
- F011W40B055
- F011W40B059
- Dali
- F011W40D018
- F011W40D030
- F011W40D037
- F011W40D055
- F011W40D059



@3000K

## Captain Flint Outdoor B1



Integriertes Netzteil ON/OFF oder dimmbar 220-240V. Die Lichtquelle ist mit einem wasserdichten Kabel für den Anschluss an das Stromnetz ausgestattet. Auf Anfrage Kasten für Boden- oder Steinpflasterinstallationen mit Betonsockel.

Integrated ON/OFF or dimmable 220-240V power supply. For mains connection, the light source is equipped with watertight cable. Box for ground or cobblestone installations requiring concrete plinth is available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**CoB Led:** 9,5W -989 lm ≠ FIXT 629 lm - 2700K/CRI>80 - 220-240V / 9,5W - 1026 lm ≠ FIXT 652 lm - 3000K/CRI>80 - 220-240V / 9,5W -1099 lm ≠ FIXT 699 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F011D20A018
- F011D20A030
- F011D20A037
- F011D20A055
- F011D20A059
- 1-10V
- F011D20B018
- F011D20B030
- F011D20B037
- F011D20B055
- F011D20B059
- Dali
- F011D20D018
- F011D20D030
- F011D20D037
- F011D20D055
- F011D20D059

### 3000K

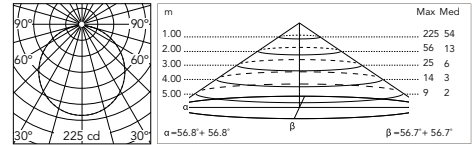
Non Dimmable

- F011D30A018
- F011D30A030
- F011D30A037
- F011D30A055
- F011D30A059
- 1-10V
- F011D30B018
- F011D30B030
- F011D30B037
- F011D30B055
- F011D30B059
- Dali
- F011D30D018
- F011D30D030
- F011D30D037
- F011D30D055
- F011D30D059

### 4000K

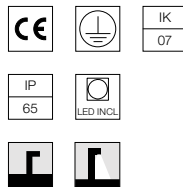
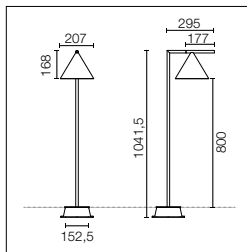
Non Dimmable

- F011D40A018
- F011D40A030
- F011D40A037
- F011D40A055
- F011D40A059
- 1-10V
- F011D40B018
- F011D40B030
- F011D40B037
- F011D40B055
- F011D40B059
- Dali
- F011D40D018
- F011D40D030
- F011D40D037
- F011D40D055
- F011D40D059



@3000K

## Captain Flint Outdoor B2



Integriertes Netzteil ON/OFF oder dimmbar 220-240V. Die Lichtquelle ist mit einem wasserdichten Kabel für den Anschluss an das Stromnetz ausgestattet. Auf Anfrage Kasten für Boden- oder Steinpflasterinstallationen mit Betonsockel.

Integrated ON/OFF or dimmable 220-240V power supply. For mains connection, the light source is equipped with watertight cable. Box for ground or cobblestone installations requiring concrete plinth is available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**CoB Led:** 9,5W -989 lm ≠ FIXT 629 lm - 2700K/CRI>80 - 220-240V / 9,5W - 1026 lm ≠ FIXT 652 lm - 3000K/CRI>80 - 220-240V / 9,5W -1099 lm ≠ FIXT 699 lm - 4000K/CRI>80 - 220-240V

### 2700K

Non Dimmable

- F011E20A018
- F011E20A030
- F011E20A037
- F011E20A055
- F011E20A059
- 1-10V
- F011E20B018
- F011E20B030
- F011E20B037
- F011E20B055
- F011E20B059
- Dali
- F011E20D018
- F011E20D030
- F011E20D037
- F011E20D055
- F011E20D059

### 3000K

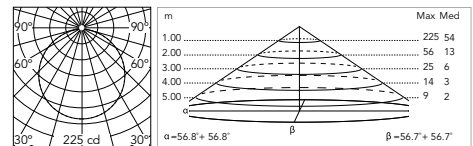
Non Dimmable

- F011E30A018
- F011E30A030
- F011E30A037
- F011E30A055
- F011E30A059
- 1-10V
- F011E30B018
- F011E30B030
- F011E30B037
- F011E30B055
- F011E30B059
- Dali
- F011E30D018
- F011E30D030
- F011E30D037
- F011E30D055
- F011E30D059

### 4000K

Non Dimmable

- F011E40A018
- F011E40A030
- F011E40A037
- F011E40A055
- F011E40A059
- 1-10V
- F011E40B018
- F011E40B030
- F011E40B037
- F011E40B055
- F011E40B059
- Dali
- F011E40D018
- F011E40D030
- F011E40D037
- F011E40D055
- F011E40D059



@3000K

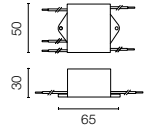


**Captain Flint Bollard**

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

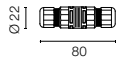
F990E00A000



Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig.

2 way terminal block 4 poles  
IP68 H2O Stop.

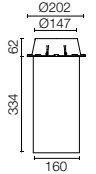
F990C00A000



Einbaugehäuse für  
Bodenmontage.

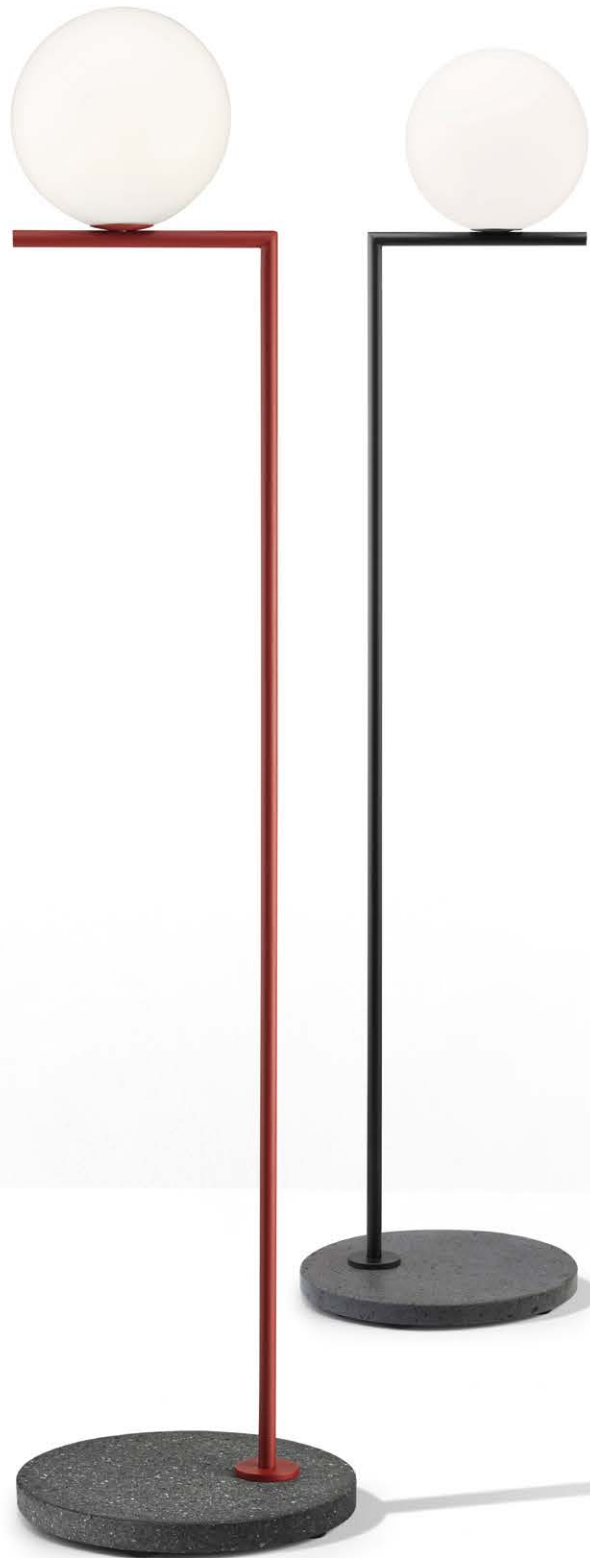
Box for ground installation.

F018Z000000



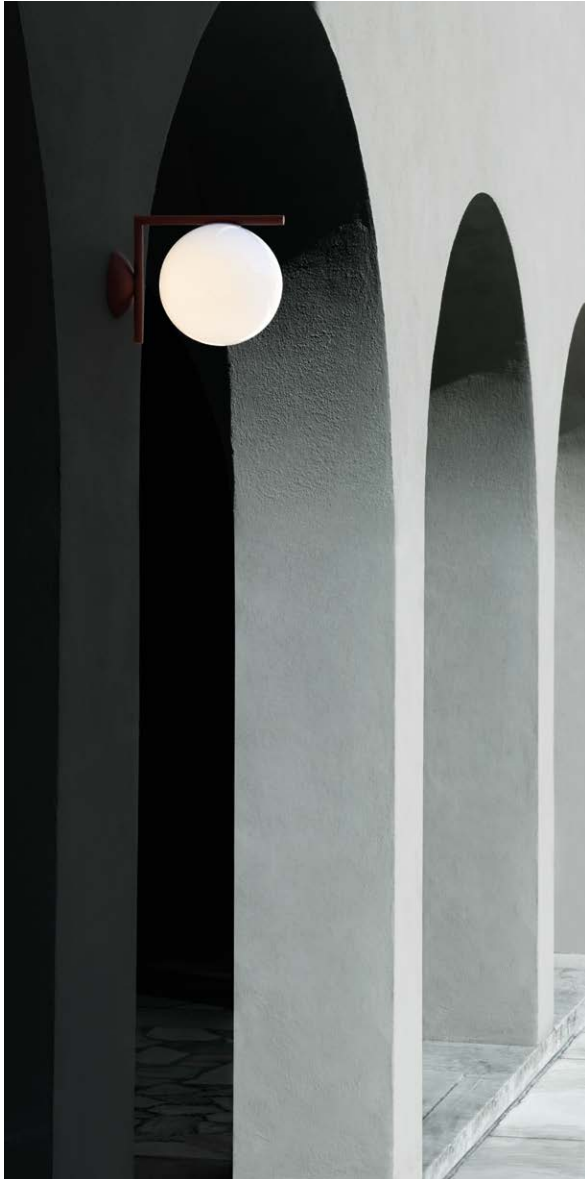
## IC Light

Designed by Michael Anastassiades





IC Lights Floor



IC Lights Wall



IC Lights Floor

## Familie / Family

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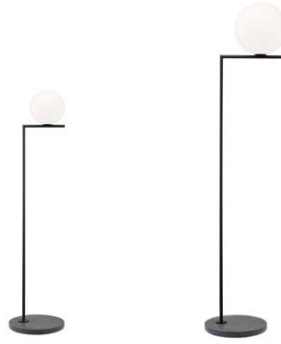
IC Wall / Ceiling

IC Floor



**Led**  
Max 8W E14

**Led**  
Max 15W E27



**Led**  
Max 8W E14

**Led**  
Max 15W E27

## Ausführungen / Colours

---



18 Deep Brown



30 Black



37 Burgundy Red



55 Brushed Stainless Steel



59 Brass Finish

## IC Floor Outdoor - Stone bases

---



30 Black/Black Lava



18 Deep Brown/Travertino Imperiale



37 Burgundy Red/Black Lava



55 Brushed Stainless Steel/  
Occhio di Pernice



59 Brass Finish/Grey Lava

## Beschreibung / Description

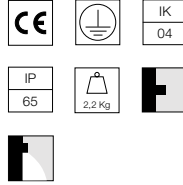
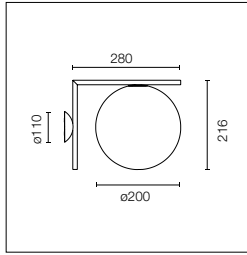
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In zwei Größen erhältliche Wand-/Deckenleuchte mit diffusem Licht für den Außenbereich. Rahmen aus gebürstetem Edelstahl, in gebürsteter Messingausführung oder mattschwarz oder burgunderrot lackiert. Die tragenden Teile des Geräts werden einem chemischen Umwandlungsverfahren unterzogen, um eine wirksame Korrosionsbeständigkeit gegen Witterungseinflüsse zu gewährleisten. Bei der Montage und Wartung der Geräte ist besonders darauf zu achten, dass die Pulverbeschichtung nicht beschädigt wird. Opaler Diffusor aus glänzendem, mundgeblasenem Milchglas. Das Gerät wird mit einer Dichtung für die IP-dichte Verbindung geliefert. Ohne Lichtquelle, Anschluss E14/E27.

Wall- or ceiling-mounted light fitting with diffuse light for exterior use available in two sizes. Frame in brushed stainless steel, brushed brass finish or painted opaque black or burgundy. The structure of the fitting is treated with a chemical conversion process for effective resistance to atmospheric agents. Special attention is recommended during installation and maintenance to prevent damage to the powder coating.

Opalescent diffuser in shiny white translucent blown glass. The light comes with seals for IP-rated connection. Light source with E14/E27 connection not included.

## IC Ceiling Wall 1 Outdoor



Ohne Lichtquelle. Optionale LED-Lampe ist separat zu bestellen. Wandbefestigung mit Verkabelungssystem. Dichte Kabelverschraubung im Lieferumfang enthalten.

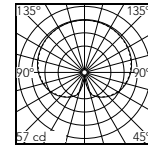
Light source excluded. Optional LED bulb sold separately. Wall mounting system contains the wiring system. Watertight cable gland included.

**Led:** max 8W - E14 - 220-240V

- F012H00C018
- F012H00C030
- F012H00C037
- F012H00C055
- F012H00C059

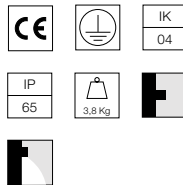
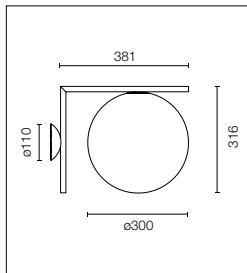
### Zubehörteile / Accessories

- 1 x LED 8W E14 900lm 3000K cod. RF32291 [e] DIMMER
- 1 x LED 8W E14 900lm 2700K cod. RF32290 [e] DIMMER



@3000K

## IC Ceiling Wall 2 Outdoor



Ohne Lichtquelle. Optionale LED-Lampe ist separat zu bestellen. Wandbefestigung mit Verkabelungssystem. Dichte Kabelverschraubung im Lieferumfang enthalten.

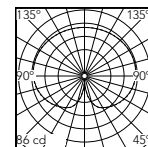
Light source excluded. Optional LED bulb sold separately. Wall mounting system contains the wiring system. Watertight cable gland included.

**Led:** max 15W - E27 - 220-240V

- F012J00C018
- F012J00C030
- F012J00C037
- F012J00C055
- F012J00C059

### Zubehörteile / Accessories

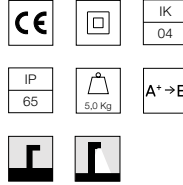
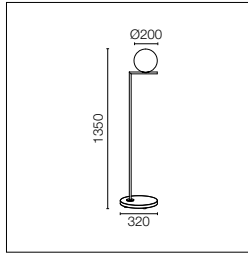
- 1 x LED 15W E27 2000lm 2700K cod. RF32288 [e] DIMMER
- 1 x LED 15W E27 2000lm 3000K cod. RF32289 [e] DIMMER



@3000K



## IC Floor 1 Outdoor



Lichtquelle nicht inbegriffen.  
Kabel (5 m lang und mit Schuko IP44-Stecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

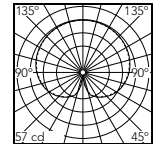
Bulb not included.  
5-m cable with Schuko IP44 plug suitable for outdoor use.  
Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100% (with dimmable LED bulb).

**Led:** max 8W - E14 - 220-240V

- F012A01C018.A
- F012A02C030.A
- F012A02C037.A
- F012A04C055.A
- F012A03C059.A

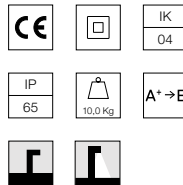
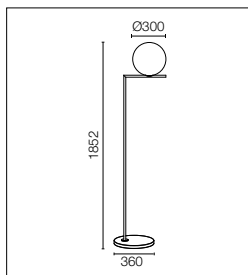
### Zubehörteile / Accessories

- 1 x LED 8W E14 900lm 3000K cod. RF32291 [e] DIMMER
- 1 x LED 8W E14 900lm 2700K cod. RF32290 [e] DIMMER



@3000K

## IC Floor 2 Outdoor



Lichtquelle nicht inbegriffen.  
Kabel (5 m lang und mit Schuko IP44-Stecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

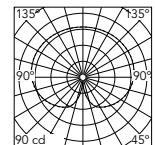
Bulb not included.  
5-m cable with Schuko IP44 plug suitable for outdoor use.  
Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100% (with dimmable LED bulb).

**Led:** max 15W - E27 - 220-240V

- F012B01C018.A
- F012B02C030.A
- F012B02C037.A
- F012B04C055.A
- F012B03C059.A

### Zubehörteile / Accessories

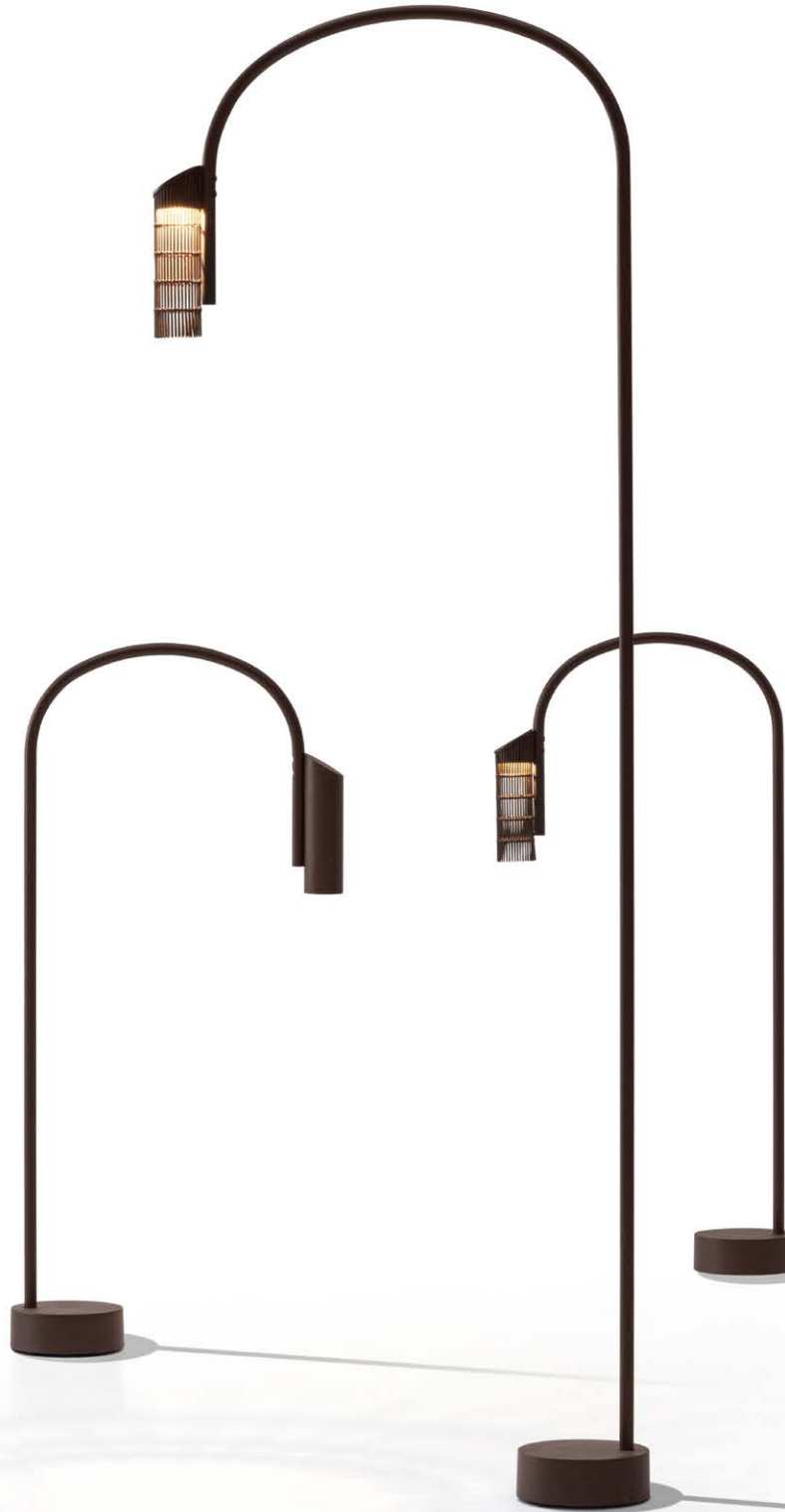
- 1 x LED 15W E27 2000lm 2700K cod. RF32288 [e] DIMMER
- 1 x LED 15W E27 2000lm 3000K cod. RF32289 [e] DIMMER



@3000K

## Caule

Designed by Patricia Urquiola





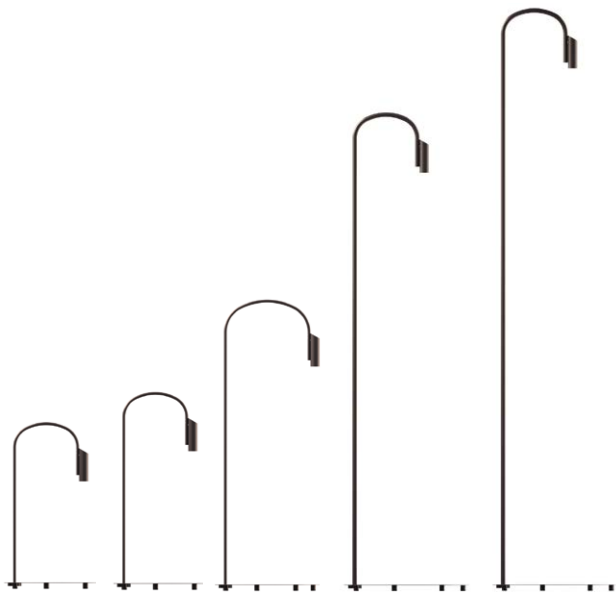
Caule Floor



Caulé Bollard Nest

## Familie / Family

### Caule Floor



#### Power Led

5W  
282 lm - 2700K/CRI 80  
303 lm - 3000K/CRI 80  
324 lm - 4000K/CRI 80

2200K available on request.

### Caule Floor Nest



#### Power Led

5W  
282 lm - 2700K/CRI 80  
303 lm - 3000K/CRI 80  
324 lm - 4000K/CRI 80

2200K available on request.

### Caule Bollard



#### Power Led

5W  
282 lm - 2700K/CRI 80  
303 lm - 3000K/CRI 80  
324 lm - 4000K/CRI 80

2200K available on request.

### Caule Bollard Nest



#### Power Led

5W  
282 lm - 2700K/CRI 80  
303 lm - 3000K/CRI 80  
324 lm - 4000K/CRI 80

2200K available on request.

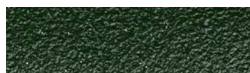
## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

Außenleuchten-Kollektion als mobile Bodenleuchte oder in Pfahlausführung, die jeweils in verschiedenen Höhen erhältlich sind.

Sie zeichnen sich durch das weiche und biegsame Design des Ständers und des Kopfes aus, die in zwei verschiedenen Modellen erhältlich sind: Monolith-Kopf für weiches direktes Licht oder Kopf mit Metallgeflecht-Nestabdeckung für diffuses und gezeichnetes Licht.

Für eine effiziente Witterungsbeständigkeit besteht die Struktur des Ständers aus Edelstahl AISI 304. Bei der mobilen Bodenleuchte besteht die Basis aus Edelstahl AISI 304 und bei der Pfahlausführung aus Aluminiumdruckguss. Der Kopf, in den die mitgelieferte LED-Quelle eingebaut ist, ist in einem Aluminiumdruck hergestellt. In der „Nest“-Version besteht die Metallgeflecht-Abdeckung aus Edelstahl AISI 316L.

Die tragenden Teile des Geräts werden einem chemischen Umwandlungsverfahren unterzogen, um eine wirksame Korrosionsbeständigkeit gegen Witterungseinflüsse zu erzielen.

Der Schutzschirm der Lichtquelle besteht aus sandgestrahltem Glas beim Monolith-Kopf und aus transparentem Methacrylat bei der „Nest“-Version.

Die Bodenleuchten-Version verfügt über ein für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker sowie einem hintergrundbeleuchteten Dimmer-Pedalschalter mit IP65-Schutzart, mit dem die Leuchte EIN-/AUS-geschaltet und der Lichtfluss eingestellt werden kann.

Die Pfahl-Version wird mit einem 200 mm-Ausgangskabelteil aus Neopren geliefert und kann auf jedem Untergrund montiert werden. Das Einbaugeschäule für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, ist als Zubehör erhältlich und muss separat bestellt werden.

Collection of outdoor lighting units in a movable floor lamp version and a bollard version, both available in different heights.

The lamps are characterized by their soft, pliable stem. The lamp head is available in two different models: solid, for direct soft light, or with a 'nest' cover, a metallic mesh creating a unique wash of diffuse light.

The structure of the stem is made of AISI 304 stainless steel for effective resistance to atmospheric agents. The base of the movable floor version is made of AISI 304 stainless steel for and the bollard version is made of die-cast aluminium.

The lamp head, which holds the included LED light source, is made of moulded aluminium; the cover of the 'nest' version is made of a metallic mesh in AISI 316L stainless steel.

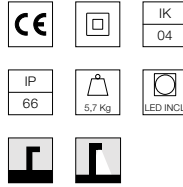
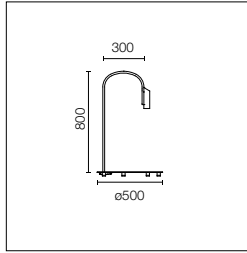
The structure is treated with a chemical conversion process for effective resistance to atmospheric agents.

The screen protecting the light source is made of sanded glass for the solid head and methacrylate for the 'nest' version.

The floor lamp version comes with 5 metres of cable appropriate for outdoor use with a Schuko IP44 and IP65 backlit pedal dimmer switch for easy ON/OFF and to adjust the amount of light.

The bollard version comes with a 200-mm length of neoprene cable and is ready for installation on any flooring. Optional accessory (sold separately): box for installation on flooring laid over concrete.

## Caule Floor 1



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.  
110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

### 2700K

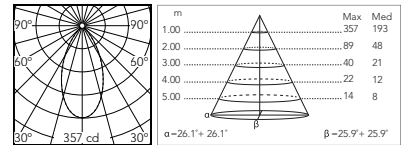
- F016M21K001.A
- F016M21K006.A
- F016M21K012.A
- F016M21K018.A
- F016M21K030.A
- F016M21K033.A

### 3000K

- F016M31K001.A
- F016M31K006.A
- F016M31K012.A
- F016M31K018.A
- F016M31K030.A
- F016M31K033.A

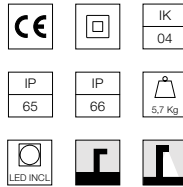
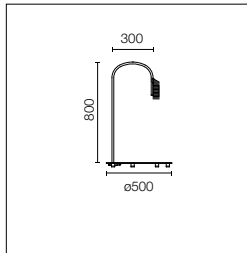
### 4000K

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- F016M41K006.A
- F016M41K012.A
- F016M41K018.A
- F016M41K030.A
- F016M41K033.A



@3000K

## Caule Floor 1 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.  
110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

### 2700K

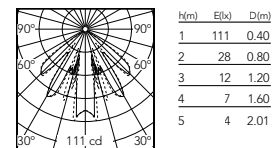
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- F016N21K018.A
- F016N21K030.A
- F016N21K033.A

### 3000K

- F016N31K001.A
- F016N31K006.A
- F016N31K012.A
- F016N31K018.A
- F016N31K030.A
- F016N31K033.A

### 4000K

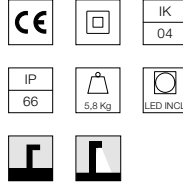
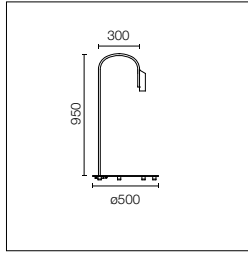
- F016N41K001.A
- F016N41K006.A
- F016N41K012.A
- F016N41K018.A
- F016N41K030.A
- F016N41K033.A



@3000K



## Caule Floor 2



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.  
110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.  
110V version upon request.  
Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

### 2700K

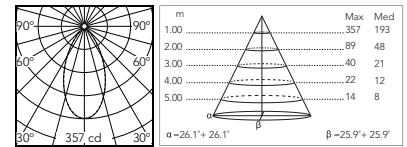
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- F016M22K012.A
- F016M22K018.A
- F016M22K030.A
- F016M22K033.A

### 3000K

- F016M32K001.A
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- F016M32K012.A
- F016M32K018.A
- F016M32K030.A
- F016M32K033.A

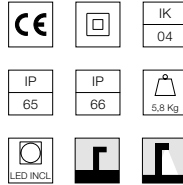
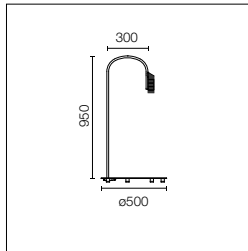
### 4000K

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- F016M42K006.A
- F016M42K012.A
- F016M42K018.A
- F016M42K030.A
- F016M42K033.A



@3000K

## Caule Floor 2 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.  
110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.  
110V version upon request.  
Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

### 2700K

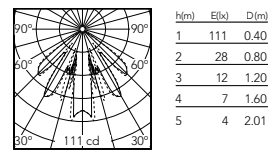
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- F016N22K018.A
- F016N22K030.A
- F016N22K033.A

### 3000K

- F016N32K001.A
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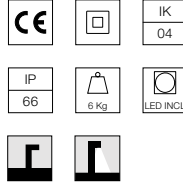
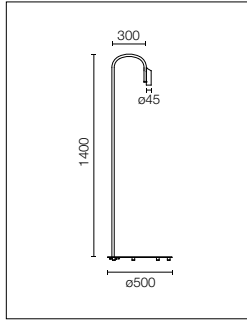
### 4000K

- F016N42K001.A
- F016N42K006.A
- F016N42K012.A
- F016N42K018.A
- F016N42K030.A
- F016N42K033.A



@3000K

## Caule Floor 3



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.

110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

### 2700K

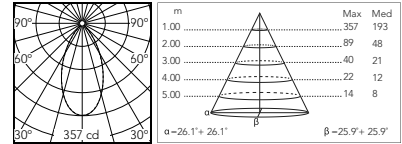
- F016M23K001.A
- F016M23K006.A
- F016M23K012.A
- F016M23K018.A
- F016M23K030.A
- F016M23K033.A

### 3000K

- F016M33K001.A
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- F016M33K018.A
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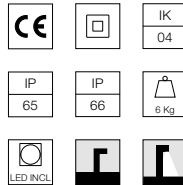
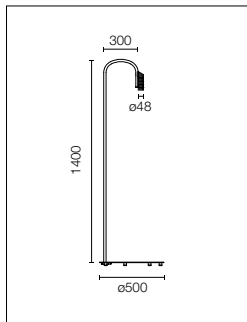
### 4000K

- F016M43K001.A
- F016M43K006.A
- F016M43K012.A
- F016M43K018.A
- F016M43K030.A
- F016M43K033.A



@3000K

## Caule Floor 3 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.

110V Version auf Anfrage erhältlich.  
Integrierter Dimmersteuerschalter (am Kabel)  
Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable)  
Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

### 2700K

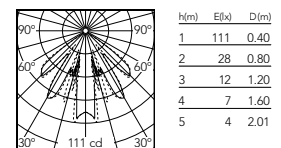
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- F016N23K006.A
- F016N23K012.A
- F016N23K018.A
- F016N23K030.A
- F016N23K033.A

### 3000K

- F016N33K001.A
- F016N33K006.A
- F016N33K012.A
- F016N33K018.A
- F016N33K030.A
- F016N33K033.A

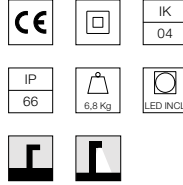
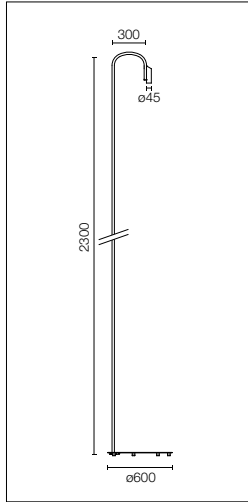
### 4000K

- F016N43K001.A
- F016N43K006.A
- F016N43K012.A
- F016N43K018.A
- F016N43K030.A
- F016N43K033.A



@3000K

## Caule Floor 4



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können. 110V Version auf Anfrage erhältlich. Integrierter Dimmersteuerschalter (am Kabel) Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable) Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 245 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 263 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 281 lm - 4000K/CRI 80 - 220-240V

### 2700K

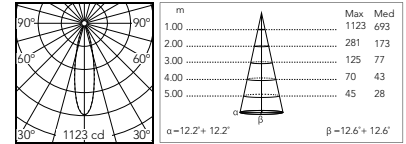
- F016M24K001.A
- F016M24K006.A
- F016M24K012.A
- F016M24K018.A
- F016M24K030.A
- F016M24K033.A

### 3000K

- F016M34K001.A
- F016M34K006.A
- F016M34K012.A
- F016M34K018.A
- F016M34K030.A
- F016M34K033.A

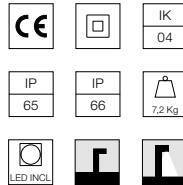
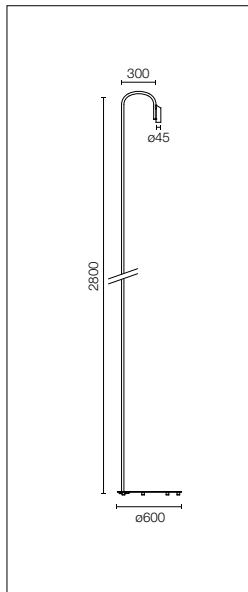
### 4000K

- F016M44K001.A
- F016M44K006.A
- F016M44K012.A
- F016M44K018.A
- F016M44K030.A
- F016M44K033.A



@3000K

## Caule Floor 5



LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können. 110V Version auf Anfrage erhältlich. Integrierter Dimmersteuerschalter (am Kabel) Casambi Funktion auf Anfrage.

LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable) Casambi function on demand.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 245 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 263 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 281 lm - 4000K/CRI 80 - 220-240V

### 2700K

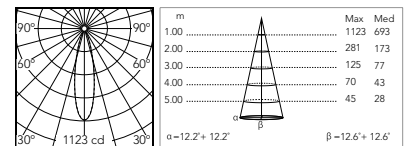
- F016M25K001.A
- F016M25K006.A
- F016M25K012.A
- F016M25K018.A
- F016M25K030.A
- F016M25K033.A

### 3000K

- F016M35K001.A
- F016M35K006.A
- F016M35K012.A
- F016M35K018.A
- F016M35K030.A
- F016M35K033.A

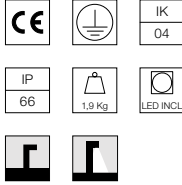
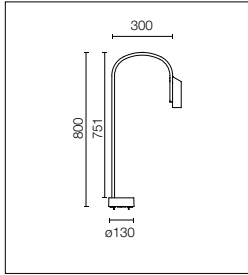
### 4000K

- F016M45K001.A
- F016M45K006.A
- F016M45K012.A
- F016M45K018.A
- F016M45K030.A
- F016M45K033.A



@3000K

# Caule Bollard 1



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugeschäse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F016A21A001
- F016A21A006
- F016A21A012
- F016A21A018
- F016A21A030
- F016A21A033
- 1-10V
- F016A21B001
- F016A21B006
- F016A21B012
- F016A21B018
- F016A21B030
- F016A21B033
- Dali
- F016A21D001
- F016A21D006
- F016A21D012
- F016A21D018
- F016A21D030
- F016A21D033

## 3000K

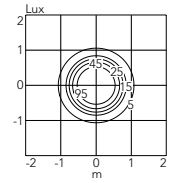
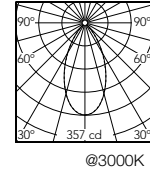
Non Dimmable

- F016A31A001
- F016A31A006
- F016A31A012
- F016A31A018
- F016A31A030
- F016A31A033
- 1-10V
- F016A31B001
- F016A31B006
- F016A31B012
- F016A31B018
- F016A31B030
- F016A31B033
- Dali
- F016A31D001
- F016A31D006
- F016A31D012
- F016A31D018
- F016A31D030
- F016A31D033

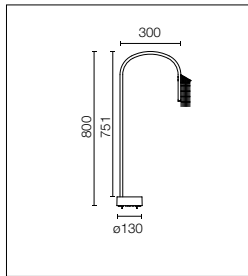
## 4000K

Non Dimmable

- F016A41A001
- F016A41A006
- F016A41A012
- F016A41A018
- F016A41A030
- F016A41A033
- 1-10V
- F016A41B001
- F016A41B006
- F016A41B012
- F016A41B018
- F016A41B030
- F016A41B033
- Dali
- F016A41D001
- F016A41D006
- F016A41D012
- F016A41D018
- F016A41D030
- F016A41D033



## Caule Bollard 1 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.  
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.  
110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F016B21A001
- F016B21A006
- F016B21A012
- F016B21A018
- F016B21A030
- F016B21A033
- 1-10V
- F016B21B001
- F016B21B006
- F016B21B012
- F016B21B018
- F016B21B030
- F016B21B033

Dali

- F016B21D001
- F016B21D006
- F016B21D012
- F016B21D018
- F016B21D030
- F016B21D033

### 3000K

Non Dimmable

- F016B31A001
- F016B31A006
- F016B31A012
- F016B31A018
- F016B31A030
- F016B31A033
- 1-10V
- F016B31B001
- F016B31B006
- F016B31B012
- F016B31B018
- F016B31B030
- F016B31B033

Dali

- F016B31D001
- F016B31D006
- F016B31D012
- F016B31D018
- F016B31D030
- F016B31D033

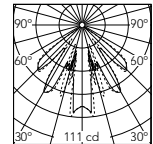
### 4000K

Non Dimmable

- F016B41A001
- F016B41A006
- F016B41A012
- F016B41A018
- F016B41A030
- F016B41A033
- 1-10V
- F016B41B001
- F016B41B006
- F016B41B012
- F016B41B018
- F016B41B030
- F016B41B033

Dali

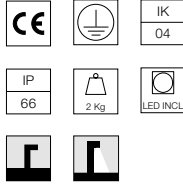
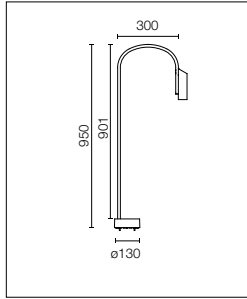
- F016B41D001
- F016B41D006
- F016B41D012
- F016B41D018
- F016B41D030
- F016B41D033



@3000K

h(m)	E(lx)	D(m)
1	111	0.40
2	28	0.80
3	12	1.20
4	7	1.60
5	4	2.01

## Caule Bollard 2



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugeschäube für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F016A22A001
- F016A22A006
- F016A22A012
- F016A22A018
- F016A22A030
- F016A22A033
- 1-10V

- F016A22B001
- F016A22B006
- F016A22B012
- F016A22B018
- F016A22B030
- F016A22B033
- Dali

- F016A22D001
- F016A22D006
- F016A22D012
- F016A22D018
- F016A22D030
- F016A22D033

### 3000K

Non Dimmable

- F016A32A001
- F016A32A006
- F016A32A012
- F016A32A018
- F016A32A030
- F016A32A033
- 1-10V

- F016A32B001
- F016A32B006
- F016A32B012
- F016A32B018
- F016A32B030
- F016A32B033
- Dali

- F016A32D001
- F016A32D006
- F016A32D012
- F016A32D018
- F016A32D030
- F016A32D033

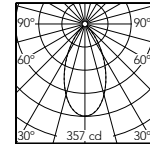
### 4000K

Non Dimmable

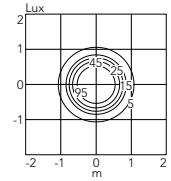
- F016A42A001
- F016A42A006
- F016A42A012
- F016A42A018
- F016A42A030
- F016A42A033
- 1-10V

- F016A42B001
- F016A42B006
- F016A42B012
- F016A42B018
- F016A42B030
- F016A42B033
- Dali

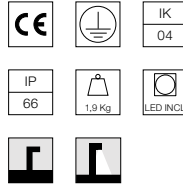
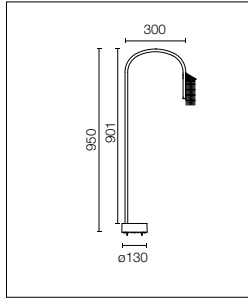
- F016A42D001
- F016A42D006
- F016A42D012
- F016A42D018
- F016A42D030
- F016A42D033



@3000K



# Caule Bollard 2 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

## 2700K

Non Dimmable

- F016B22A001
- F016B22A006
- F016B22A012
- F016B22A018
- F016B22A030
- F016B22A033
- 1-10V
- F016B22B001
- F016B22B006
- F016B22B012
- F016B22B018
- F016B22B030
- F016B22B033
- Dali
- F016B22D001
- F016B22D006
- F016B22D012
- F016B22D018
- F016B22D030
- F016B22D033

## 3000K

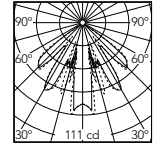
Non Dimmable

- F016B32A001
- F016B32A006
- F016B32A012
- F016B32A018
- F016B32A030
- F016B32A033
- 1-10V
- F016B32B001
- F016B32B006
- F016B32B012
- F016B32B018
- F016B32B030
- F016B32B033
- Dali
- F016B32D001
- F016B32D006
- F016B32D012
- F016B32D018
- F016B32D030
- F016B32D033

## 4000K

Non Dimmable

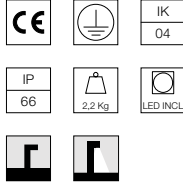
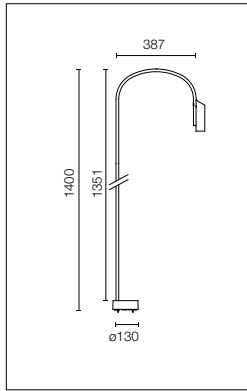
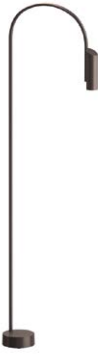
- F016B42A001
- F016B42A006
- F016B42A012
- F016B42A018
- F016B42A030
- F016B42A033
- 1-10V
- F016B42B001
- F016B42B006
- F016B42B012
- F016B42B018
- F016B42B030
- F016B42B033
- Dali
- F016B42D001
- F016B42D006
- F016B42D012
- F016B42D018
- F016B42D030
- F016B42D033



h(m)	E(h)	D(m)
1	111	0.40
2	28	0.80
3	12	1.20
4	7	1.60
5	4	2.01

@3000K

## Caule Bollard 3



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugeschäube für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F016A23A001
- F016A23A006
- F016A23A012
- F016A23A018
- F016A23A030
- F016A23A033

1-10V

- F016A23B001
- F016A23B006
- F016A23B012
- F016A23B018
- F016A23B030
- F016A23B033

Dali

- F016A23D001
- F016A23D006
- F016A23D012
- F016A23D018
- F016A23D030
- F016A23D033

### 3000K

Non Dimmable

- F016A33A001
- F016A33A006
- F016A33A012
- F016A33A018
- F016A33A030
- F016A33A033

1-10V

- F016A33B001
- F016A33B006
- F016A33B012
- F016A33B018
- F016A33B030
- F016A33B033

Dali

- F016A33D001
- F016A33D006
- F016A33D012
- F016A33D018
- F016A33D030
- F016A33D033

### 4000K

Non Dimmable

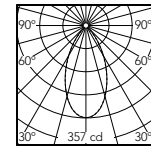
- F016A43A001
- F016A43A006
- F016A43A012
- F016A43A018
- F016A43A030
- F016A43A033

1-10V

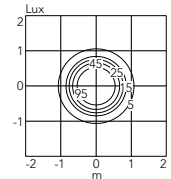
- F016A43B001
- F016A43B006
- F016A43B012
- F016A43B018
- F016A43B030
- F016A43B033

Dali

- F016A43D001
- F016A43D006
- F016A43D012
- F016A43D018
- F016A43D030
- F016A43D033

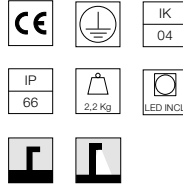
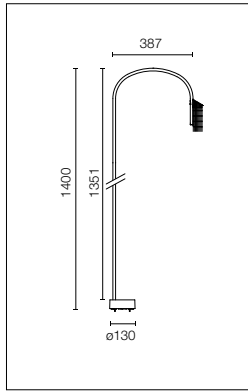
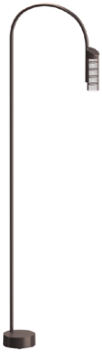


@3000K





## Caule Bollard 3 Nest



LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F016B23A001
- F016B23A006
- F016B23A012
- F016B23A018
- F016B23A030
- F016B23A033

1-10V

- F016B23B001
- F016B23B006
- F016B23B012
- F016B23B018
- F016B23B030
- F016B23B033

Dali

- F016B23D001
- F016B23D006
- F016B23D012
- F016B23D018
- F016B23D030
- F016B23D033

### 3000K

Non Dimmable

- F016B33A001
- F016B33A006
- F016B33A012
- F016B33A018
- F016B33A030
- F016B33A033

1-10V

- F016B33B001
- F016B33B006
- F016B33B012
- F016B33B018
- F016B33B030
- F016B33B033

Dali

- F016B33D001
- F016B33D006
- F016B33D012
- F016B33D018
- F016B33D030
- F016B33D033

### 4000K

Non Dimmable

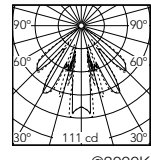
- F016B43A001
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- F016B43A012
- F016B43A018
- F016B43A030
- F016B43A033

1-10V

- F016B43B001
- F016B43B006
- F016B43B012
- F016B43B018
- F016B43B030
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Dali

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- F016B43D030
- F016B43D033



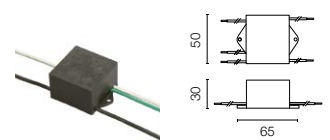
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1	111	0.40	
2	28	0.80	
3	12	1.20	
4	7	1.60	
5	4	2.01	

## Caule: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

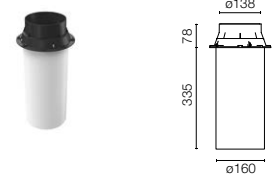
F990E00A000



Einbaugehäuse für Bodenmontage.

Box for ground installation.

F016Z000000



# Flauta

Designed by Patricia Urquiola





Flauta Spiga 3

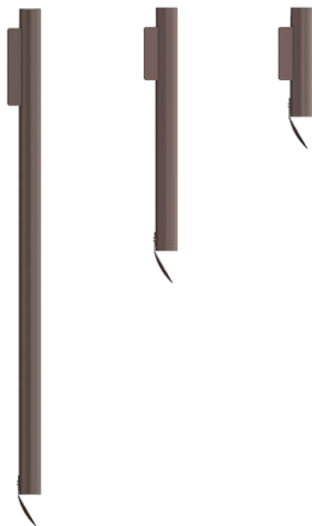


Flauta Spiga 1

## Familie / Family

---

### Flauta Riga



#### Power Led

12W

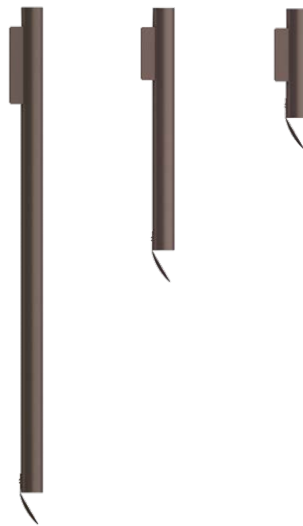
2x347 lm - 2700K/CRI 80

2x372 lm - 3000K/CRI 80

2x398 lm - 4000K/CRI 80

2200K available on request.

### Flauta Spiga



#### Power Led

12W

2x347 lm - 2700K/CRI 80

2x372 lm - 3000K/CRI 80

2x398 lm - 4000K/CRI 80

2200K available on request.

## Ausführungen / Colours

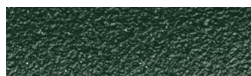
---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

## Beschreibung / Description

---

Wandleuchtenkollektion für den Außenbereich mit zweifacher Lichtemission; in drei verschiedenen Längen verfügbar.

Die Produkte zeichnen sich durch die Oberflächengravur aus, die in zwei raffinierten Varianten verfügbar ist: Flauta Riga, mit vertikalen Gravuren, und Flauta Spiga, gekennzeichnet durch ein elegantes und ausgeklügeltes Schrägmuster.

Ein Abweiser als Lampenzubehör, der in Übereinstimmung mit der Oberfläche des Lampenkörpers lackiert ist, kann nach Belieben auf dem oberen oder unteren Kopf installiert werden, um eine dekorative Wirkung des reflektierten Lichts zu erzielen.

Die tragenden Teile des Geräts bestehen aus Aluminium, das einem chemischen Umwandlungsverfahren unterzogen wird, sodass sie gegen atmosphärische Einflüsse beständig sind.

Der pulverlackierte Körper ist in verschiedenen Ausführungen gemäß dem QUALICOAT-Standard verfügbar. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxidationsschutz zu gewährleisten.

Diffusor aus silikonisiertem, transparentem Glas zur Gewährleistung der Undurchlässigkeit.

Integrierte LED-Lichtquelle. Im Gerätekörper integrierter Driver für die Regelung des DALI-Dimmers.

Collection of outdoor wall-mounted light fittings with dual light emission, available in various lengths.

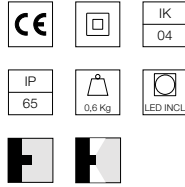
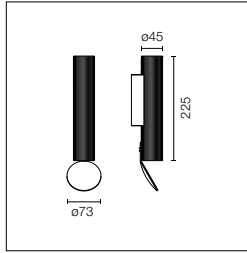
The units are characterised by the surface etching in two refined variations: Flauta Riga, with vertical lines, and Flauta Spiga, characterized by an elegant and sophisticated angular pattern.

Rounding out the device is a deflector accessory painted to match the finish of the lamp body. It can be installed as desired on the upper or lower head to create a decorative effect with reflected light.

The structure is made of aluminium treated with a chemical conversion process for effective resistance to atmospheric agents. The powder coating of the body is available in various finishes according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkaline and acid washes, rinsed with demineralised water, and subjected to chemical conversion treatment to protect against rust. Diffuser in transparent glass, sealed to guarantee water resistance.

Integrated LED light source. Driver integrated in the body of the unit for DALI dimmer control.

## Flauta Riga 1



LED-Lichtquelle inbegriffen.  
Integriertes dimmbares  
DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur  
Montage auf dem oberen oder  
unteren Emissionskopf.  
110 V-Version auf Anfrage  
verfügbar.

LED light source included.  
Integrated 220-240V electrical  
power with DALI dimmer.  
Comes with deflector for  
optional installation on the upper  
or lower head.  
110V version available by  
request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V /  
12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

### 2700K

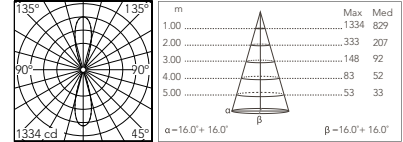
- F019A21D001
- F019A21D006
- F019A21D012
- F019A21D018
- F019A21D030
- F019A21D033

### 3000K

- F019A31D001
- F019A31D006
- F019A31D012
- F019A31D018
- F019A31D030
- F019A31D033

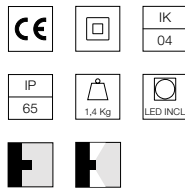
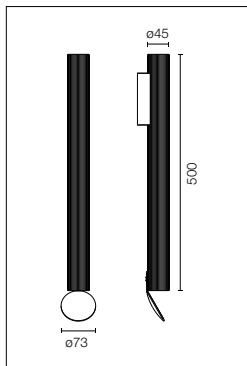
### 4000K

- F019A41D001
- F019A41D006
- F019A41D012
- F019A41D018
- F019A41D030
- F019A41D033



@3000K

## Flauta Riga 2



LED-Lichtquelle inbegriffen.  
Integriertes dimmbares  
DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur  
Montage auf dem oberen oder  
unteren Emissionskopf.  
110 V-Version auf Anfrage  
verfügbar.

LED light source included.  
Integrated 220-240V electrical  
power with DALI dimmer.  
Comes with deflector for  
optional installation on the upper  
or lower head.  
110V version available by  
request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V /  
12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

### 2700K

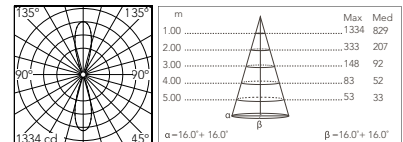
- F019A22D001
- F019A22D006
- F019A22D012
- F019A22D018
- F019A22D030
- F019A22D033

### 3000K

- F019A32D001
- F019A32D006
- F019A32D012
- F019A32D018
- F019A32D030
- F019A32D033

### 4000K

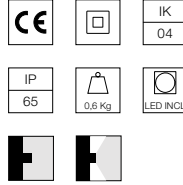
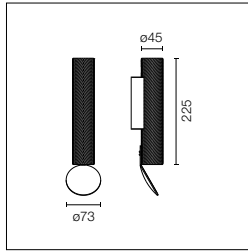
- F019A42D001
- F019A42D006
- F019A42D012
- F019A42D018
- F019A42D030
- F019A42D033



@3000K



## Flauta Spiga 1



LED-Lichtquelle inbegriffen.  
Integriertes dimmbares DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.  
110 V-Version auf Anfrage verfügbar.

LED light source included.  
Integrated 220-240V electrical power with DALI dimmer.  
Comes with deflector for optional installation on the upper or lower head.  
110V version available by request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

### 2700K

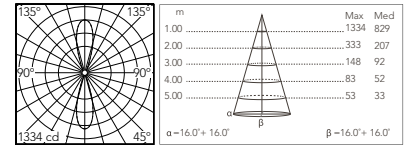
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- F019B21D012
- F019B21D018
- F019B21D030
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### 3000K

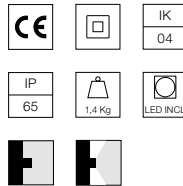
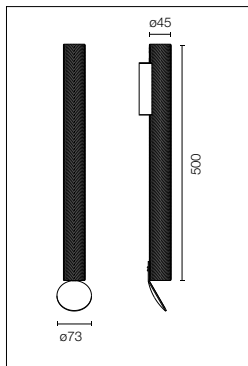
- F019B31D001
- F019B31D006
- F019B31D012
- F019B31D018
- F019B31D030
- F019B31D033

### 4000K

- F019B41D001
- F019B41D006
- F019B41D012
- F019B41D018
- F019B41D030
- F019B41D033



## Flauta Spiga 2



LED-Lichtquelle inbegriffen.  
Integriertes dimmbares DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.  
110 V-Version auf Anfrage verfügbar.

LED light source included.  
Integrated 220-240V electrical power with DALI dimmer.  
Comes with deflector for optional installation on the upper or lower head.  
110V version available by request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

### 2700K

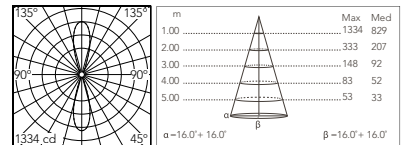
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- F019B22D012
- F019B22D018
- F019B22D030
- F019B22D033

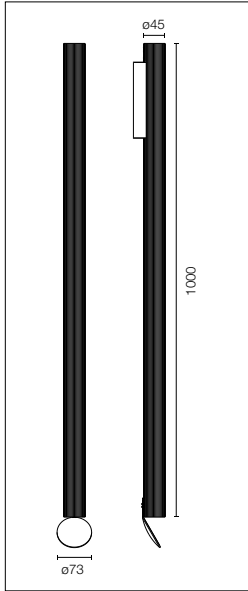
### 3000K

- F019B32D001
- F019B32D006
- F019B32D012
- F019B32D018
- F019B32D030
- F019B32D033

### 4000K

- F019B42D001
- F019B42D006
- F019B42D012
- F019B42D018
- F019B42D030
- F019B42D033





LED-Lichtquelle inbegriffen.  
Integriertes dimmbares  
DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur  
Montage auf dem oberen oder  
unteren Emissionskopf.  
110 V-Version auf Anfrage  
verfügbar.

LED light source included.  
Integrated 220-240V electrical  
power with DALI dimmer.  
Comes with deflector for  
optional installation on the upper  
or lower head.  
110V version available by  
request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V /  
12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**

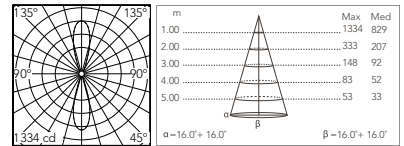
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**3000K**

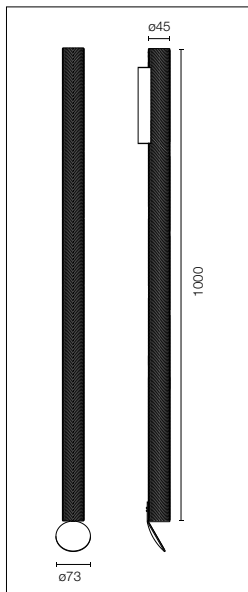
- F019A33D001
- F019A33D006
- F019A33D012
- F019A33D018
- F019A33D030
- F019A33D033

**4000K**

- F019A43D001
- F019A43D006
- F019A43D012
- F019A43D018
- F019A43D030
- F019A43D033



@3000K



LED-Lichtquelle inbegriffen.  
Integriertes dimmbares  
DALI-Netzteil (220-240 V).  
Mit optionalem Abweiser zur  
Montage auf dem oberen oder  
unteren Emissionskopf.  
110 V-Version auf Anfrage  
verfügbar.

2200K auf Anfrage erhältlich.

LED light source included.  
Integrated 220-240V electrical  
power with DALI dimmer.  
Comes with deflector for  
optional installation on the upper  
or lower head.  
110V version available by  
request.

2200K available on request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V /  
12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**

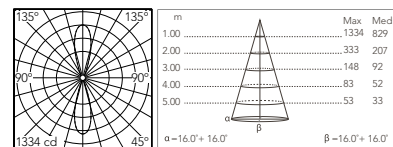
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**3000K**

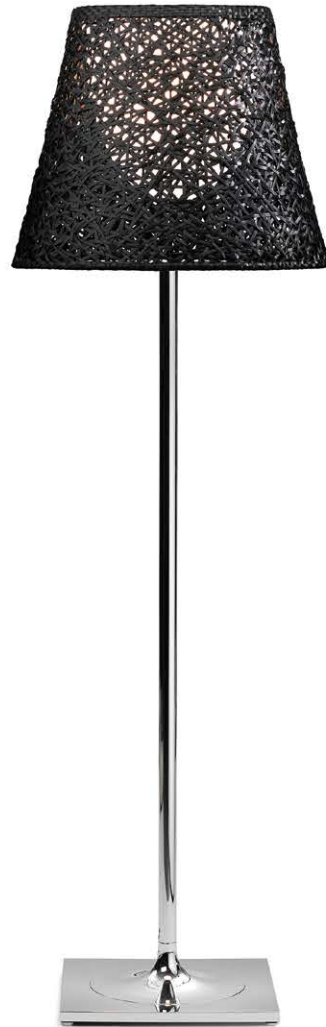
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- F019B33D018
- F019B33D030
- F019B33D033

**4000K**

- F019B43D001
- F019B43D006
- F019B43D012
- F019B43D018
- F019B43D030
- F019B43D033



@3000K



# Lighting in the Rain

Designed by Philippe Starck





Superarchimoon



Romeo Suspension



Romeo Floor

## Familie / Family

---

Lighting in the Rain



### HSGS E27

250W

or

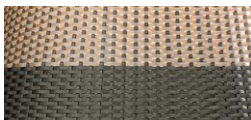
**Led**

21W

2450 lm - 3000K/CRI 80

## Ausführungen / Colours

---



22 Panama



41 Green Wall



### **KTribe F3 Outdoor**

Bodenlampe für die Verwendung im Außenbereich, die diffuses Licht bietet. Basis und die Stabstütze bestehen aus druckgegossenem Aluminium. Die Strukturteile werden erfahren unterzogen, sodass sie gegen atmosphärische Einflüsse beständig sind. Chrom-Feinbearbeitung. Innendiffuser und Lampenfassung aus spritzgegossenem Polycarbonat. Außendiffuser aus farbig geflochtenem PVC-Rohr und Innenrahmen aus Polyester lackierten Aluminiumstangen. Gegengewicht aus mit Kataphoreseverfahren behandeltem Stahl, für einen wirksamen Wetterschutz. Abdeckung des Außendiffusers aus druckgegossenem, lackiertem Aluminium.

### **Romeo C3 Outdoor**

Deckenhängeleuchte für den Außenbereich mit direktem und diffusem Licht. Außendiffuser aus farbig geflochtenem PVC-Rohr, Innenrahmen aus Polyester lackierten Aluminiumrohren Innendiffuser aus unter Vakuum thermogeformtem, opalem Polycarbonat, der vom Benutzer ohne die Verwendung von Werkzeugen für den Austausch der Lampe abgenommen werden kann. Diffusorstütze aus druckgegosener Aluminiumlegierung, eloxiert und grau flüssiglackiert. Deckenhalterung aus druckgegosener Aluminiumlegierung mit glänzender Feinbearbeitung.

Abdeckfenster aus spritzgegossenem Polycarbonat (PC). Ständer aus rostfreier Stahllegierung 316L – poliert. Um einen angemessenen Schutz gegen Wetterbedingungen zu gewährleisten, werden alle lackierten Teile mittels einem chemischen Umwandlungsverfahren einer Korrosionsschutzbehandlung unterzogen.

### **Superarchimoon Outdoor**

Bodenleuchte für den Außenbereich mit direktem und diffusem Licht. Außendiffuser aus farbig geflochtenem PVC-Rohr. Innenrahmen aus Polyester lackierten Aluminiumrohren. Innendiffuser aus spritzgegossenem, opalem Polycarbonat. Die Strukturteile der Leuchte (Basisträger, Diffusorstützen, Arme, Gabeln, Hebel und Zugstangen) sind einem chemischen Umwandlungsverfahren unterzogen worden, um einen besseren Schutz gegen Wetterbedingungen zu gewährleisten. Grau lackierter Leuchtkörper. Federn und mechanische Hauptelemente bestehen ebenfalls aus spezifischen, witterungsbeständigen Materialien.

Die Leuchte hat keine ON/OFF Funktion und keine Lichtflussregelung aber sie verfügt über ein transparentes, bipolares 10 m langes Stromkabel. Ausserdem ist es mit einer Abzweigdose ausgerüstet, die für eine Verkabelung bei Anwendungen im Außenbereich geeignet ist.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

### **KTribe F3 Outdoor**

Floor lamp emitting diffused light for outdoor use. Die-cast aluminum base and pole support. Chemical conversion treatment of the structural parts to enhance their resistance to atmospheric agents. Chrome finish. Injection-molded polycarbonate internal diffuser and bulb-holder. External diffuser made from braided colored PVC tubes and inner frame from polyester-painted aluminum tubes. Steel cataphoresis treated counterweight for effective weather resistance. Painted die-cast aluminum external diffuser cover.

### **Romeo C3 Outdoor**

Suspension luminaire for outdoor use providing direct and diffused light. External diffuser obtained from braided colored PVC tubes, internal frame in polyester-painted aluminum tubes. Inner diffuser in opal-colored, vacuum-formed polycarbonate which is removable for bulb change without the use of tools. Diffuser support in anodized die-cast aluminum alloy, liquid grey painted. Die-cast aluminum alloy ceiling fitting with polished finish. Injection-molded polycarbonate (PC) cover rose. 316L stainless steel pole – polished.

In order to obtain good weather resistance, all the painted details have undergone a chemical conversion treatment for enhanced corrosion resistance.

### **Superarchimoon Outdoor**

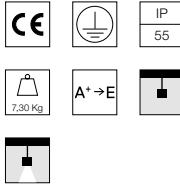
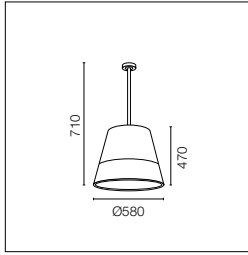
Floor lamp for outdoor use providing direct and diffused light. External diffuser obtained from braided colored PVC tubes, internal frame in polyester-painted aluminum tubular. Internal diffuser in injection-molded opal polycarbonate.

The structural parts of the luminaire (base support, diffusers support, arms, brackets, levers and tie rods) have been treated with a chemical conversion for enhanced weather resistance. The body is painted in grey. Springs and main mechanical components are also made with special materials for good weather resistance.

The luminaire has no ON/OFF switch or luminous flux adjustment, but has a 10 m transparent bipolar feeding cord. The luminaire also is equipped with a junction box suitable for outdoor applications.

We recommend using a connection system with a higher or equal protection degree than the one of the luminaire.

## Romeo Outdoor C3 Pvc 710 mm

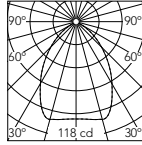


Ausgeschlossene Lichtquelle.

Light source not included.

**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K

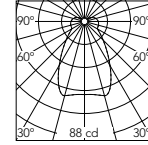
- F6468022
- F6468041



Beam Angle: 78°

h(m)	E(lx)	D(m)
1	118	1.63
2	30	3.26
3	13	4.89
4	7	6.53
5	5	8.16

Panama



Beam Angle: 74°

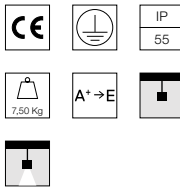
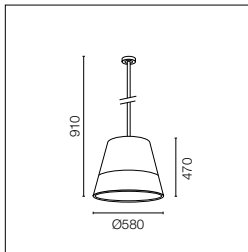
h(m)	E(lx)	D(m)
1	88	1.50
2	22	3.01
3	10	4.51
4	6	6.02
5	4	7.52

Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## Romeo Outdoor C3 Pvc 910 mm

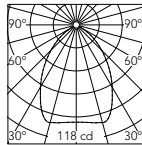


Ausgeschlossene Lichtquelle.

Light source not included.

**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K

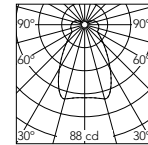
- F6469022
- F6469041



Beam Angle: 78°

h(m)	E(lx)	D(m)
1	118	1.63
2	30	3.26
3	13	4.89
4	7	6.53
5	5	8.16

Panama



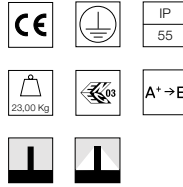
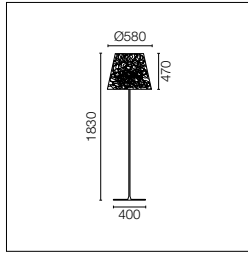
Beam Angle: 74°

h(m)	E(lx)	D(m)
1	88	1.50
2	22	3.01
3	10	4.51
4	6	6.02
5	4	7.52

Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

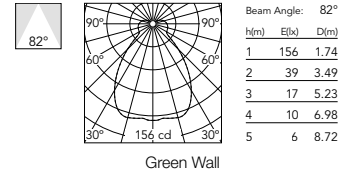
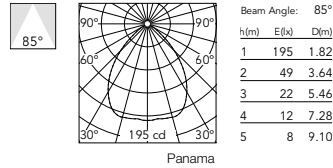


Ausgeschlossene Lichtquelle.

Light source not included.

**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K Dimming

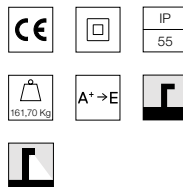
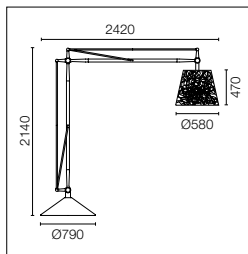
- F6268022
- F6268041



**Zubehörteile / Accessories**

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

**Superarchimoon Outdoor**

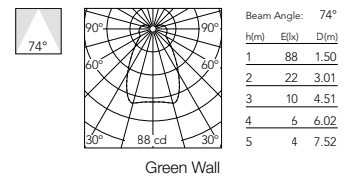
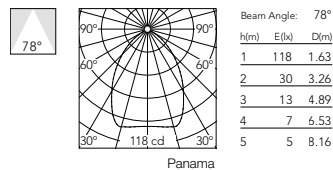


Ausgeschlossene Lichtquelle.

Light source not included.

**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K

- F6367022
- F6367041



**Zubehörteile / Accessories**

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

# Landlord

Designed by Piero Lissoni





Landlord Ground



Landlord Soft



Landlord Spot + Pole

## Familie / Family

Landlord Spot



Landlord Spot + Pole



Landlord Soft



Landlord Ground



### Power Led

2,3W  
130 lm - 2700K/CRI 80  
135 lm - 3000K/CRI 80  
140 lm - 4000K/CRI 80  
2200K available on request.

### Power Led

3,4W  
135 lm - 2700K/CRI 80  
140 lm - 3000K/CRI 80  
145 lm - 4000K/CRI 80  
2200K available on request.

### Power Led

5W  
242 lm - 2700K/CRI 80  
252 lm - 3000K/CRI 80  
269 lm - 4000K/CRI 80  
2200K available on request.

### Power Led

2,3W  
121 lm - 2700K/CRI 80  
125 lm - 3000K/CRI 80  
130 lm - 4000K/CRI 80  
2200K available on request.

### Power Led

7,2W  
442 lm - 2700K/CRI 80  
457 lm - 3000K/CRI 80  
492 lm - 4000K/CRI 80

### Power Led

3,4W  
183 lm - 2700K/CRI 80  
189 lm - 3000K/CRI 80  
196 lm - 4000K/CRI 80  
2200K available on request.

## Ausführungen / Colours

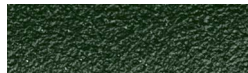
Landlord Spot / Soft



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black

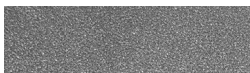


33 Anthracite



71 Anodized Black

Landlord Ground



56 Matt Stainless Steel



### **Landlord Spot**

IP66-Projektor für die Außenanwendung, hergestellt aus einem gedrehten Aluminiumkörper, mit 24V versorgt, und in 2700K-, 3000K- und 4000K-Farbtemperaturen verfügbar. Auf der horizontalen Achse kann der Strahler um 359° geschwenkt werden und auf der vertikalen Achse bis zu 30° nach unten und 90° nach oben.

Landlord Spots sind in zwei Größen verfügbar: Kopf mit ø40 und ø50, wobei beide über eine abnehmbare Vorderhülse verfügen, um Flutlinsen oder bis zu zwei "honeycomb" für höchsten Sichtkomfort anzubringen.

Landlord Spots können auf festen Erdspießern mit der Möglichkeit eines optionalen Pfahls, auf einer Wandbasis, oder auf dem innovativen Baumgürtel, der dazu entwickelt ist, die Leuchten direkt auf den Baumzweigen zu befestigen, angebracht werden.

### **Landlord Soft**

IP65-Projektor für die Außenanwendung mit diffuser Beleuchtung.

Das Produkt ist durch einen scheibenförmigen Aluminiumkopf gekennzeichnet, der bis zu einem 20°-Strahl einstellbar und in Position arretierbar ist, es wird mit 24V versorgt und ist in den Farbtemperaturen 2700K, 3000K und 4000K verfügbar.

Das ist das perfekte Tool zur Beleuchtung von Sträuchern, Blumenbeeten und Durchgangsbereichen mit einem einheitlichen, diffusen Lichtstrahl.

Landlord Soft kann auf festen Erdspießern mit der Möglichkeit eines optionalen Pfahls angebracht werden.

### **Landlord Ground**

IP66 / IP67-Leuchten für vertiefte Bodeninstallation, 24V-Versorgung. Körper aus eloxiertem und anschließend gehärtetem Aluminium, Außenring aus kugelgestrahltem Edelstahl, der die gesamte Steuerelektronik umhüllt. Kopf in zwei Größen verfügbar - ø49 mm und ø64 mm - mit frontaler oder streifender Emission (ein, zwei oder vier Strahlen).

Frontale Emissionsversionen sind mit Punkt- oder Medium-Optik verfügbar mit der integrierten, nicht entfernbaren "honeycomb" für höchsten optischen Komfort verfügbar. Ist in der Installationsbox zu installieren.

### **Landlord Spot**

IP66 projector for external use made of turned aluminium body and powered at 24V, and available in 2700K, 3000K and 4000K colour temperatures. With reference to the horizontal axis the spotlight can be swivelled by 359°, on the vertical axis by up to 30° down and up to 90° up.

Landlord Spots are available in two sizes, ø40 and ø50 head, both equipped with desmontable front ferrule, in order to install flood lens or up to two honeycombs for maximum visual confort.

Landlord Spots can be installed on solid ground spikes, with the possibility of an optional picket, on wall base, or on the innovative tree belt, designed to fix the luminaries directly on tree branches.

### **Landlord Soft**

IP65 projector for external use, designed to offer diffuse lighting.

It is characterized by an aluminium disk shape head, orientable up to 20° beam and lockable in position, to be powered at 24V, and available in 2700K, 3000K and 4000K colour temperature.

It is the perfect tool to light bushes, flowerbed and transit areas with an homogenous diffuse light beam.

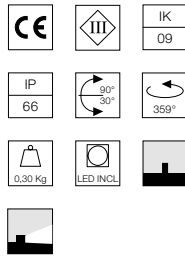
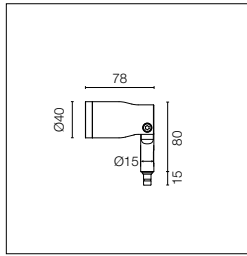
Landlord Soft can be installed on solid ground spikes, with the possibility of an optional picket.

### **Landlord Ground**

IP66 / IP67 luminaries for ground recessed installation, powered 24V. Body in anodized, then resined aluminium, external ring in shot-peened stainless steel, encasing the entire control electronics. Head available in two sizes, ø49 mm, and ø64 mm, with frontal or grazing emission (one, two or four beams).

Frontal emission version are available with spot or medium optic, or with integrated non removable honeycomb, for maximum visual confort.

To be installed in its installation box.



Strahlverstellbarer Kopf für die Installation auf Bodenstangen oder auf einer Wandbasis. Stangen und Basis sind als separates Zubehör zu bestellen. Köpfe sind mit einer abnehmbaren Hülse zum Einfügen von Flutlinsen oder bis zu zwei "honeycomb" ausgestattet (als separates Zubehör zu bestellen). 24V-Fernstromversorgung, separat zu bestellen. Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

Spot adjustable head for installation on ground poles or on wall base. Poles and base to be ordered as separated accessories. Heads are equipped with a dismountable ferrule, to insert flood lens or up to two honeycombs, (to be ordered as separate accessories). 24V remote power supply to be ordered separately. Each head comes with a 2000 mm length outgoing cable and a wiring kit.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 12°**

**Power Led:** 2,3W - 188 lm ≠ \*FIXT 130 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ \*FIXT 135 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ \*FIXT 140 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F004D21A001
- F004D21A006
- F004D21A012
- F004D21A018
- F004D21A030
- F004D21A033
- F004F21A071

**3000K**

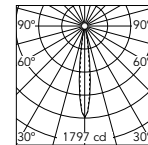
PWM Dimmable

- F004D31A001
- F004D31A006
- F004D31A012
- F004D31A018
- F004D31A030
- F004D31A033
- F004F31A071

**4000K**

PWM Dimmable

- F004D41A001
- F004D41A006
- F004D41A012
- F004D41A018
- F004D41A030
- F004D41A033
- F004F41A071



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	1797	0.24
2	449	0.48
3	200	0.72
4	112	0.97
5	72	1.21

@4000K

**Optic Medium 34°**

**Power Led:** 2,3W - 188 lm ≠ \*FIXT 122 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ \*FIXT 127 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ \*FIXT 131lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F004D22A001
- F004D22A006
- F004D22A012
- F004D22A018
- F004D22A030
- F004D22A033
- F004F22A071

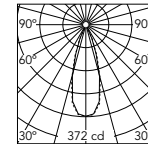
**3000K**

PWM Dimmable

- F004D32A001
- F004D32A006
- F004D32A012
- F004D32A018
- F004D32A030
- F004D32A033
- F004F32A071

**4000K**

- F004D42A001
- F004D42A006
- F004D42A012
- F004D42A018
- F004D42A030
- F004D42A033
- F004F42A071



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	372	0.59
2	93	1.18
3	41	1.77
4	23	2.36
5	15	2.95

@4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

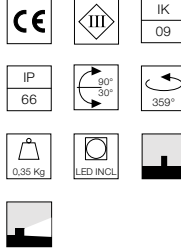
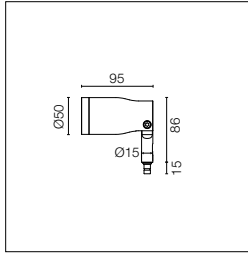
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Non Dimmable

Acc. RF25754	3
Acc. RF25748	3
Acc. RF25747	4
Acc. RF25757	4
Acc. F990B23AZ00	12
Acc. F990B28A000	17
Acc. F990B27A000	27

Dimmable

Acc. F990B02A000	13
Acc. F990B03A000	13
Acc. F990B16A000	13
Acc. F990B04A000	28
Acc. F990B05A000	28
Acc. F990B17A000	28



Strahlverstellbarer Kopf für die Installation auf Bodenstangen oder auf einer Wandbasis. Stangen und Basis sind als separates Zubehör zu bestellen. Köpfe sind mit einer abnehmbaren Hülse zum Einfügen von Flutlinsen oder bis zu zwei "honeycomb" ausgestattet (als separates Zubehör zu bestellen). 24V-Fernstromversorgung, separat zu bestellen. Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

Spot adjustable head for installation on ground poles or on wall base. Poles and base to be ordered as separated accessories. Heads are equipped with a dismountable ferrule, to insert flood lens or up to two honeycombs, (to be ordered as separate accessories). 24V remote power supply to be ordered separately. Each head comes with a 2000 mm length outgoing cable and a wiring kit.

Optic Narrow Spot  
2200K auf Anfrage erhältlich.

Optic Narrow Spot  
2200K available on request.

**Optic Narrow Spot 7°**

**Power Led:** 3,4W - 251 lm ≠ FIXT 135 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 140 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 145 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F004E21A001
- F004E21A006
- F004E21A012
- F004E21A018
- F004E21A030
- F004E21A033
- F004G21A071

**3000K**

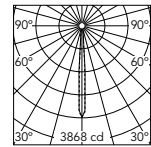
PWM Dimmable

- F004E31A001
- F004E31A006
- F004E31A012
- F004E31A018
- F004E31A030
- F004E31A033
- F004G31A071

**4000K**

PWM Dimmable

- F004E41A001
- F004E41A006
- F004E41A012
- F004E41A018
- F004E41A030
- F004E41A033
- F004G41A071



Beam Angle: 7°		
h(m)	Ef(x)	D(m)
1	3868	0.14
2	967	0.28
3	430	0.41
4	242	0.55
5	155	0.69

@4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Non Dimmable		Dimmable	
Acc. RF25754	1	Acc. F990B02A000	7
Acc. RF25748	1	Acc. F990B03A000	7
Acc. RF25747	3	Acc. F990B16A000	7
Acc. RF25757	3	Acc. F990B04A000	17
Acc. F990B23AZ00	7	Acc. F990B05A000	17
Acc. F990B28A000	9	Acc. F990B17A000	17
Acc. F990B27A000	17		

**Optic Medium 24°**

**Power Led:** 7,2W - 666 lm ≠ FIXT 442 lm - 2700K/CRI 80 - 24V / 7,2W - 689 lm ≠ FIXT 457 lm - 3000K/CRI 80 - 24V / 7,2W - 741 lm ≠ FIXT 492 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F004E22A001.A
- F004E22A006.A
- F004E22A012.A
- F004E22A018.A
- F004E22A030.A
- F004E22A033.A
- F004G22A071.A

**3000K**

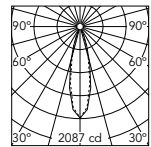
PWM Dimmable

- F004E32A001.A
- F004E32A006.A
- F004E32A012.A
- F004E32A018.A
- F004E32A030.A
- F004E32A033.A
- F004G32A071.A

**4000K**

PWM Dimmable

- F004E42A001
- F004E42A006
- F004E42A012
- F004E42A018
- F004E42A030
- F004E42A033
- F004G42A071



Beam Angle: 24°		
h(m)	Ef(x)	D(m)
1	2087	0.47
2	522	0.94
3	232	1.41
4	130	1.88
5	83	2.35

@4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

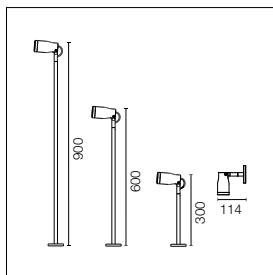
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Non Dimmable		Dimmable	
Acc. RF25754	1	Acc. F990B02A000	3
Acc. RF25748	1	Acc. F990B03A000	3
Acc. RF25747	1	Acc. F990B16A000	3
Acc. RF25757	1	Acc. F990B04A000	7
Acc. F990B23AZ00	3	Acc. F990B05A000	7
Acc. F990B28A000	6	Acc. F990B17A000	7
Acc. F990B27A000	9		

## Landlord Spot: Kopf + Stangenzubehör / Head + pole accessory

### Spot Ø40



Stange mit Basis.  
Fertig für die Installation auf starrer Basis.  
Für die Installation am Boden, Erdpfosten inbegriffen, als separater Artikel zu bestellen.

Pole with base.  
Ready for installation on solid surface.  
Ground installation needs earth stick use, to be ordered as separated item.

#### H 300 mm

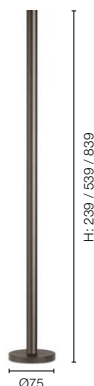
- F004Z010001
- F004Z010006
- F004Z010012
- F004Z010018
- F004Z010030
- F004Z010033
- F004Z0D0071

#### H 600 mm

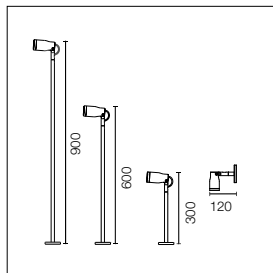
- F004Z020001
- F004Z020006
- F004Z020012
- F004Z020018
- F004Z020030
- F004Z020033
- F004Z0E0071

#### H 900 mm

- F004Z030001
- F004Z030006
- F004Z030012
- F004Z030018
- F004Z030030
- F004Z030033
- F004Z0F0071



### Spot Ø50



## Landlord Spot: Zubehörteile / Accessories

Wandbasis.

Wall base.

- F004Z040001
- F004Z040006
- F004Z040012
- F004Z040018
- F004Z040030
- F004Z040033
- F004Z0A0071



Erdpfosten.  
Auf den Stangen mit Basis zu montieren.

Earth stick.  
To be mounted on poles with base.

F004Z060000



Honeycomb.

Honeycomb.

Landlord Spot Ø40  
F004Z0B0000  
Landlord Spot Ø50  
F004Z0L0000



Floodlinse.

Flood lens.

Landlord Spot Ø40  
F004Z0C0000  
Landlord Spot Ø50  
F004Z0H0000

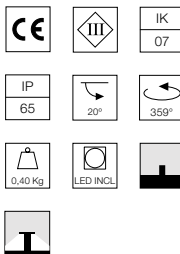
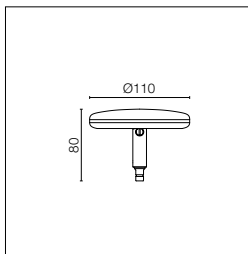


Baumgürtel.  
Zubehör für die Anbringung der Leuchte direkt auf dem Baumzweig, von ø30 mm bis zu ø100 mm.  
Deep Brown Ausführungen.

Tree strap.  
Accessory for spot installation directly on tree branch, from ø30mm up to ø100mm.  
Deep Brown finishing.

F004Z070000





20°-einstellbarer Kopf für die Installation auf Bodenstangen. Stangen sind als separates Zubehör zu bestellen. 24V-Fernstromversorgung, separat zu bestellen. Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

2200K auf Anfrage erhältlich.

20° adjustable head for installation on ground poles. Poles to be ordered as separated accessories. 24V remote power supply to be ordered separately. Each head comes with a 2000 mm lenght outgoing cable and a wiring kit.

2200K available on request.

**Top Led:** 5W - 379 lm ≠ FIXT 242 lm - 2700K/CRI 80 - 24V / 5W - 395 lm ≠ FIXT 252 lm - 3000K/CRI 80 - 24V / 5W - 421 lm ≠ FIXT 269 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F004C20A001
- F004C20A006
- F004C20A012
- F004C20A018
- F004C20A030
- F004C20A033
- F004H20A071

**3000K**

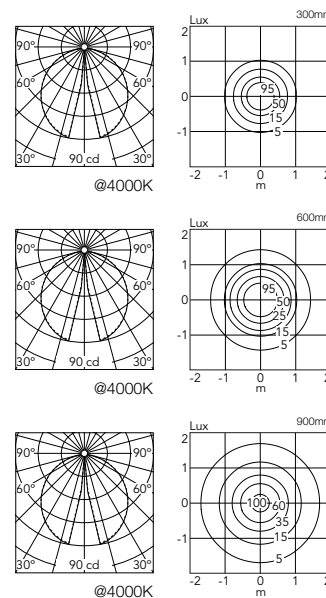
PWM Dimmable

- F004C30A001
- F004C30A006
- F004C30A012
- F004C30A018
- F004C30A030
- F004C30A033
- F004H30A071

**4000K**

PWM Dimmable

- F004C40A001
- F004C40A006
- F004C40A012
- F004C40A018
- F004C40A030
- F004C40A033
- F004H40A071



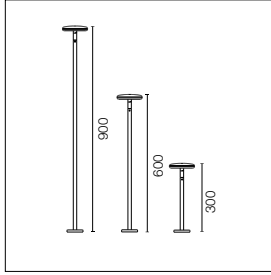
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220- 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

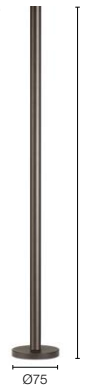
Non Dimmable		Dimmable	
Acc. RF25754	1	Acc. RF26387.A	3
Acc. RF25748	1	Acc. F990B02A000	5
Acc. RF25747	1	Acc. F990B03A000	5
Acc. RF25757	1	Acc. F990B16A000	5
Acc. F990B23AZ00	3	Acc. F990B04A000	12
Acc. F990B28A000	6	Acc. F990B05A000	12
Acc. F990B27A000	9	Acc. F990B17A000	12

## Landlord Soft: Kopf + Stangenzubehör / Head + pole accessory



Stange mit Basis.  
Fertig für die Installation auf starrer Basis.  
Für die Installation am Boden, Erdpfosten inbegriffen, als separater Artikel zu bestellen.

Pole with base.  
Ready for installation on solid surface.  
Ground installation needs earth stick use, to be ordered as separated item.



### H 300 mm

- F004Z010001
- F004Z010006
- F004Z010012
- F004Z010018
- F004Z010030
- F004Z010033
- F004Z0D0071

### H 600 mm

- F004Z020001
- F004Z020006
- F004Z020012
- F004Z020018
- F004Z020030
- F004Z020033
- F004Z0E0071

### H 900 mm

- F004Z030001
- F004Z030006
- F004Z030012
- F004Z030018
- F004Z030030
- F004Z030033
- F004Z0F0071

## Landlord: Zubehörteile / Accessories

Erdpfosten.  
Auf den Stangen mit Basis zu montieren.

Earth stick.  
To be mounted on poles with base.

F004Z060000



Verbindungssystem,  
IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm cable).

F990C010000



Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

2 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm cable).

F990C00A000



Netzgerät für den Ferneinbau  
24Vdc 20W / 110-240Vdc  
(15W@110V) IP67 Klasse II  
selv.

Power supply for remote  
installation 24Vdc 20W / 110-  
240Vdc (15W@110V) IP67  
Class II selv.

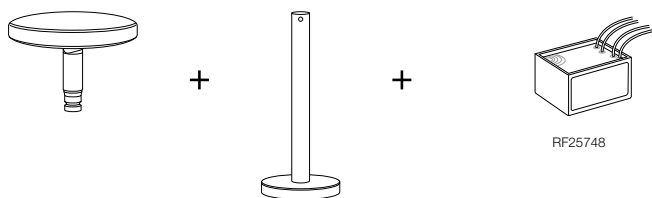
Landlord Soft  
Only for Dali version  
RF26387.A  
Dimmable DALI



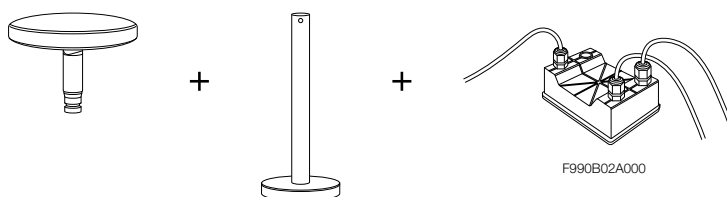
190

## Konfigurationsbeispiele / Examples of Configuration

ON-OFF (nicht dimmbar) = Produktcode (F004C30A001 + F004Z010001) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748)  
 ON-OFF (non dimmable) = luminaire code (F004C30A001 + F004Z010001) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748)

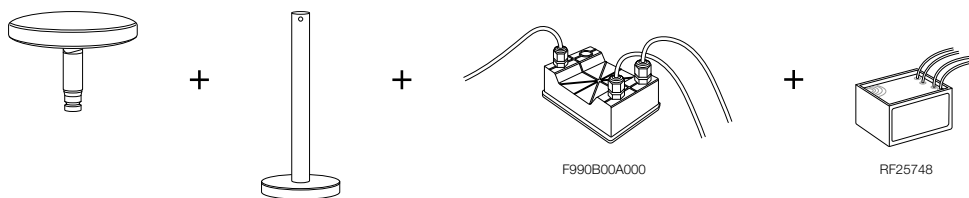


Dimmbar 1-10 V= Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc 1-10 V PWM-Steuerung IP67 (F990B02A000)  
 Dimmable 1-10V = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc 1-10V PWM control IP67 (F990B02A000)

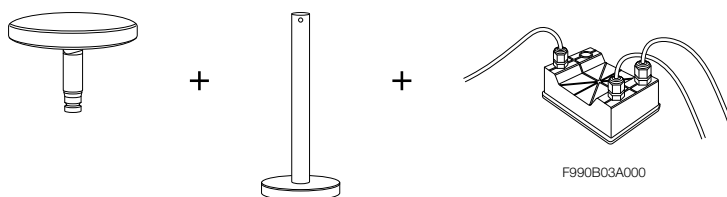


Dimmbar 1-10 V: PWM-Steuerschnittstelle + Netzteil = Produktcode (F004C30A001 + F004Z010001) + PWM-Steuerschnittstelle 1-10 V PWM 24 Vdc 120 W IP67 (F990B00A000) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748) oder andere externe Stromversorgung 24Vdc

Dimmable 1-10V : PWM control interface + power supply = luminaire code (F004C30A001 + F004Z010001) + PWM control interface 1-10V PWM 24Vdc 120W IP67 (F990B00A000) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748) or other remote power supply

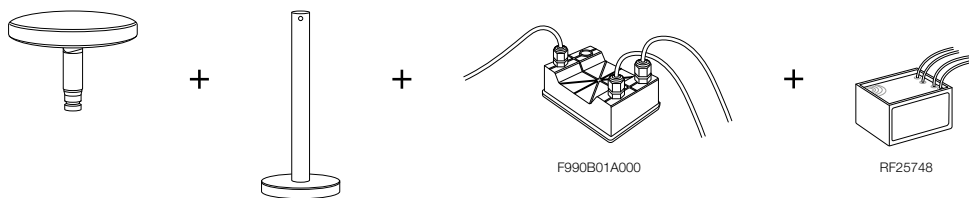


Dimmbar DALI = Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc DALI-PWM-Steuerung IP67 (F990B03A000)  
 Dimmable DALI = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc DALI PWM control IP67 (F990B03A000)

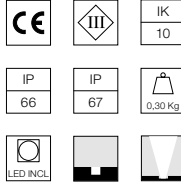
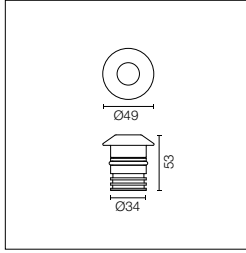


Dimmbare DALI: PWM-Steuerschnittstelle + Netzteil = Produktcode (F004C30A001 + F004Z010001) + DALI PWM-Steuerschnittstelle 24 Vdc 120 W IP67 (F990B01A000) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748) oder andere externe Stromversorgung 24Vdc

Dimmable DALI: PWM control interface + power supply = luminaire code (F004C30A001 + F004Z010001) + PWM control interface DALI PWM 24Vdc 120W IP67 (F990B01A000) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748) or other remote power supply



## Landlord Ground 49



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 188 lm ≠ \*FIXT 121 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ \*FIXT 125 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ \*FIXT 130 lm - 4000K/CRI 80 - 24V  
\*FIXT lm = Spot Optic

### Optic Spot 14°

#### 2700K

Non Dimmable

① F004A21A056

PWM Dimmable

① F004A21H056

Non Dimmable with honeycomb

① F004A26A05601

#### 3000K

Non Dimmable

① F004A31A056

PWM Dimmable

① F004A31H056

Non Dimmable with honeycomb

① F004A36A05601

#### 4000K

Non Dimmable

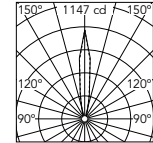
① F004A41A056

PWM Dimmable

① F004A41H056

Non Dimmable with honeycomb

① F004A46A05601



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	1147	0.26
2	287	0.51
3	127	0.77
4	72	1.02
5	46	1.28

@4000K

### Optic Medium 40°

#### 2700K

Non Dimmable

① F004A22A056

PWM Dimmable

① F004A22H056

Non Dimmable with honeycomb

① F004A27A05602

#### 3000K

Non Dimmable

① F004A32A056

PWM Dimmable

① F004A32H056

Non Dimmable with honeycomb

① F004A37A05602

#### 4000K

Non Dimmable

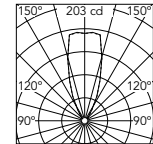
① F004A42A056

PWM Dimmable

① F004A42H056

Non Dimmable with honeycomb

① F004A47A05602

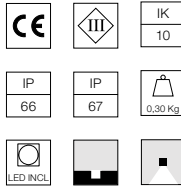
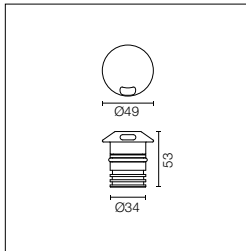


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	203	0.72
2	51	1.44
3	23	2.16
4	13	2.88
5	8	3.61

@4000K

## Landlord Ground 49 1 Beam



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 188 lm ≠ FIXT 8 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 9 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 9 lm - 4000K/CRI 80 - 24V

#### 2700K

Non Dimmable

① F004A23A056

PWM Dimmable

① F004A23H056

#### 3000K

Non Dimmable

① F004A33A056

PWM Dimmable

① F004A33H056

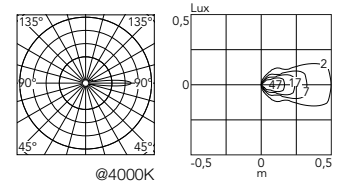
#### 4000K

Non Dimmable

① F004A43A056

PWM Dimmable

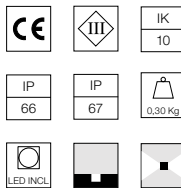
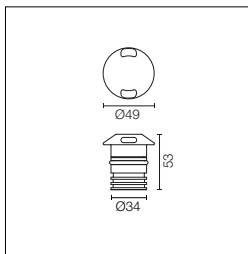
① F004A43H056



@4000K



## Landlord Ground 49 2 Beams



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 188 lm ≠ FIXT 16 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 17 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 18 lm - 4000K/CRI 80 - 24V

### 2700K

Non Dimmable

- ① F004A24A056
- PWM Dimmable
- ① F004A24H056

### 3000K

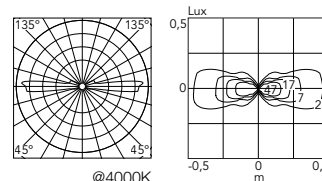
Non Dimmable

- ① F004A34A056
- PWM Dimmable
- ① F004A34H056

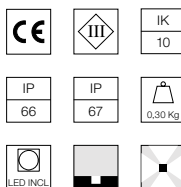
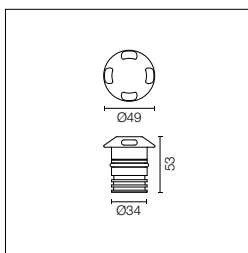
### 4000K

Non Dimmable

- ① F004A44A056
- PWM Dimmable
- ① F004A44H056



## Landlord Ground 49 4 Beams



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 188 lm ≠ FIXT 32 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 34 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 36 lm - 4000K/CRI 80 - 24V

### 2700K

Non Dimmable

- ① F004A25A056
- PWM Dimmable
- ① F004A25H056

### 3000K

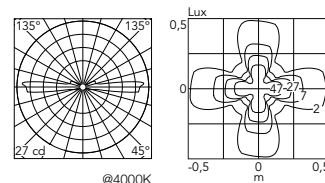
Non Dimmable

- ① F004A35A056
- PWM Dimmable
- ① F004A35H056

### 4000K

Non Dimmable

- ① F004A45A056
- PWM Dimmable
- ① F004A45H056



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220-240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

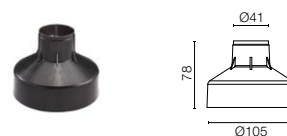
Non Dimmable		Dimmable	
Acc. RF25754	2	Acc. F990B02A000	13
Acc. RF25748	2	Acc. F990B03A000	13
Acc. RF25747	3	Acc. F990B16A000	13
Acc. RF25757	3	Acc. F990B04A000	28
Acc. F990B23AZ00	9	Acc. F990B05A000	28
Acc. F990B28A000	14	Acc. F990B17A000	28
Acc. F990B27A000	29		

## Landlord Ground Ø49: Zubehörteile / Accessories

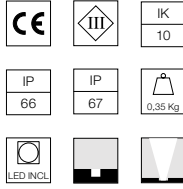
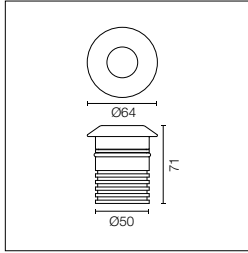
Einbaugehäuse.

Box for installation.

F004Z0J0000



## Landlord Ground 64



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 251 lm ≠ \*FIXT 183 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ \*FIXT 189 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ \*FIXT 196 lm - 4000K/CRI 80 - 24V  
\*FIXT lm = Spot Optic

### Optic Spot 15°

#### 2700K

Non Dimmable

① F004B21A056

PWM Dimmable

① F004B21H056

Non Dimmable with honeycomb

① F004B26A05601

#### 3000K

Non Dimmable

① F004B31A056

PWM Dimmable

① F004B31H056

Non Dimmable with honeycomb

① F004B36A05601

#### 4000K

Non Dimmable

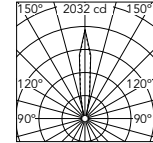
① F004B41A056

PWM Dimmable

① F004B41H056

Non Dimmable with honeycomb

① F004B46A05601



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	2032	0.27
2	508	0.53
3	226	0.80
4	127	1.06
5	81	1.33

@4000K

### Optic Medium 25°

#### 2700K

Non Dimmable

① F004B22A056

PWM Dimmable

① F004B22H056

Non Dimmable with honeycomb

① F004B27A05602

#### 3000K

Non Dimmable

① F004B32A056

PWM Dimmable

① F004B32H056

Non Dimmable with honeycomb

① F004B37A05602

#### 4000K

Non Dimmable

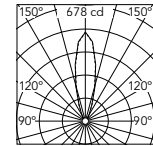
① F004B42A056

PWM Dimmable

① F004B42H056

Non Dimmable with honeycomb

① F004B47A05602

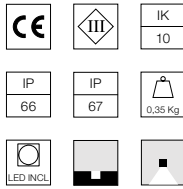
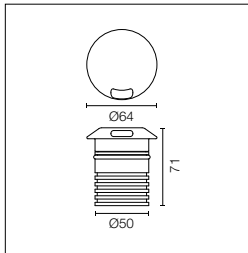


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	678	0.46
2	169	0.92
3	75	1.38
4	42	1.84
5	27	2.30

@4000K

## Landlord Ground 64 1 Beam



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 251 lm ≠ FIXT 11 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 12 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 12 lm - 4000K/CRI 80 - 24V

#### 2700K

Non Dimmable

① F004B23A056

PWM Dimmable

① F004B23H056

#### 3000K

Non Dimmable

① F004B33A056

PWM Dimmable

① F004B33H056

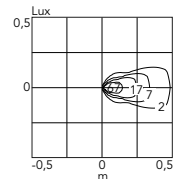
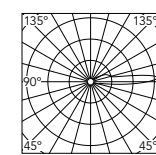
#### 4000K

Non Dimmable

① F004B43A056

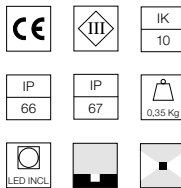
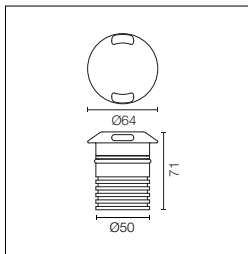
PWM Dimmable

① F004B43H056



@4000K

## Landlord Ground 64 2 Beams



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 251 lm ≠ FIXT 22 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 23 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 24 lm - 4000K/CRI 80 - 24V

### 2700K

Non Dimmable

- F004B24A056
- PWM Dimmable
- F004B24H056

### 3000K

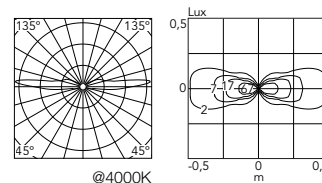
Non Dimmable

- F004B34A056
- PWM Dimmable
- F004B34H056

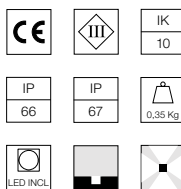
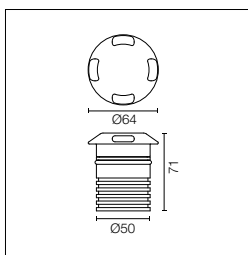
### 4000K

Non Dimmable

- F004B44A056
- PWM Dimmable
- F004B44H056



## Landlord Ground 64 4 Beams



24V-Fernstromversorgung, separat zu bestellen.  
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.  
Necessary box for installation, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 251 lm ≠ FIXT 44 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 46 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 48 lm - 4000K/CRI 80 - 24V

### 2700K

Non Dimmable

- F004B25A056
- PWM Dimmable
- F004B25H056

### 3000K

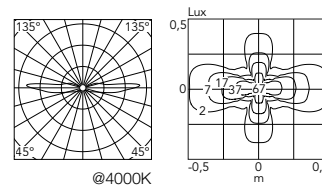
Non Dimmable

- F004B35A056
- PWM Dimmable
- F004B35H056

### 4000K

Non Dimmable

- F004B45A056
- PWM Dimmable
- F004B45H056



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220-240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

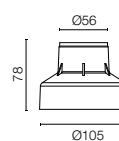
	Non Dimmable		Dimmable	
Acc. RF25754	1	Acc. F990B02A000	7	
Acc. RF25748	1	Acc. F990B03A000	7	
Acc. RF25747	3	Acc. F990B16A000	7	
Acc. RF25757	3	Acc. F990B04A000	17	
Acc. F990B23AZ00	7	Acc. F990B05A000	17	
Acc. F990B28A000	9	Acc. F990B17A000	17	
Acc. F990B27A000	17			

## Landlord Ground Ø64: Zubehörteile / Accessories

Einbaugehäuse.

Box for installation.

F004Z0K0000

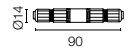


## Landlord: Zubehörteile / Accessories

Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).  
Kann nicht in das Einbaugeschloß für die Installation platziert werden.

2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).  
It can't be placed in the recessed box for installation.

F990C050000

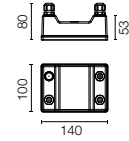
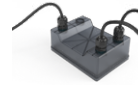


## Landlord (all versions): Power Supply Dimmable

Netzgerät 24V PWM mit 1-10V Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.

Power supply 24v PWM with 1-10V control interface IP67 Class II. Vin 120-270 Vac.

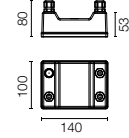
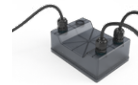
35W  
\*F990B02A000  
70W  
\*F990B04A000



Netzgerät 24V PWM mit DALI Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.

Power supply 24v PWM with DALI control interface IP67 Class II. Vin 120-270 Vac.

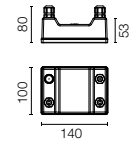
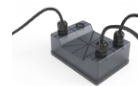
35W  
\*F990B03A000  
70W  
\*F990B05A000



Netzgerät 24V PWM mit PUSH Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.

Power supply 24v PWM with PUSH control interface IP67 Class II. Vin 120-270 Vac.

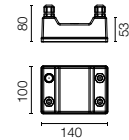
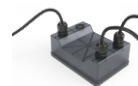
35W  
\*F990B16A000  
70W  
\*F990B17A000



Steuerungsschnittstelle 24V PWM - 1-10V IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).

Control interface 24V PWM - 1-10V IP67 Class III. Vin 24Vdc 120W (Power supply not included).

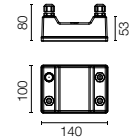
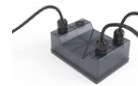
F990B00A000



Steuerungsschnittstelle 24V PWM - Dali IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).

Control interface 24V PWM - Dali IP67 Class III. Vin 24Vdc 120W (Power supply not included).

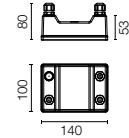
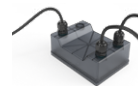
F990B01A000



Steuerungsschnittstelle 24V PWM - Push IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).

Control interface 24V PWM - Push IP67 Class III. Vin 24Vdc 120W (Power supply not included).

F990B18A000



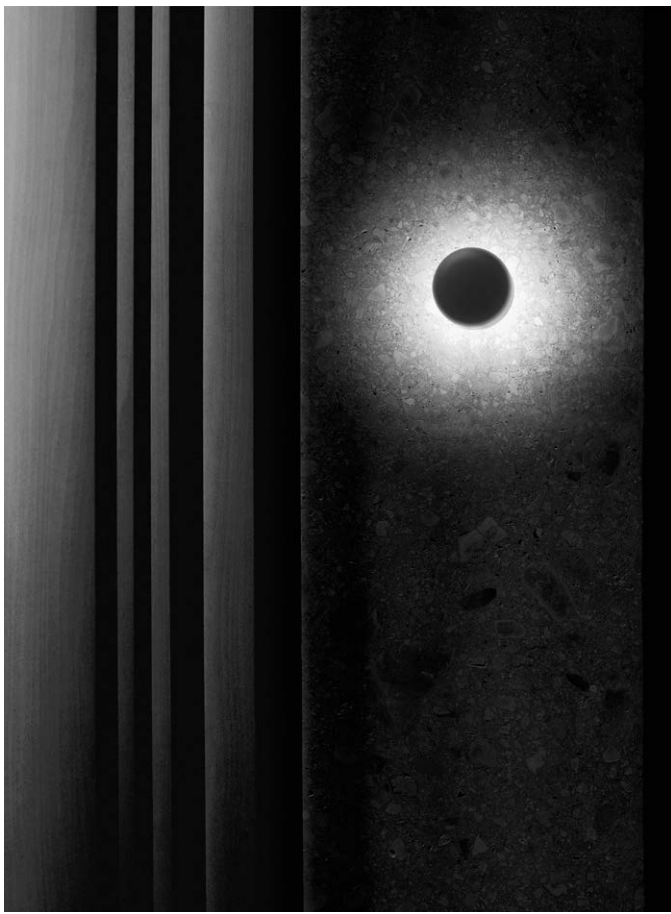
## Landlord: Power Supply Non Dimmable

Doppelfunktion 24V / 350mA IP20 Klasse II selv. nicht dimmbar.	Power supply dual function 24V / 350mA IP20 Class II selv. no dimmable.	*RF25754		
Netzgerät Doppelfunktion 24V / Iout 350mA 110-240V IP65. II selv.	Power supply dual function 24V / Iout 350mA 110-240V IP65.	*RF25748		
Netzgerät 24V 10W / 110- 240V IP20 Klasse II selv.	Power supply 24V 10W /110- 240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110- 240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät 24Vdc 35W / 120- 270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät 24Vdc 50W / 120- 240V IP67 Klasse II selv.	Power supply 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät 24Vdc 70W / 220- 240V IP67 Klasse II selv.	Power supply 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		

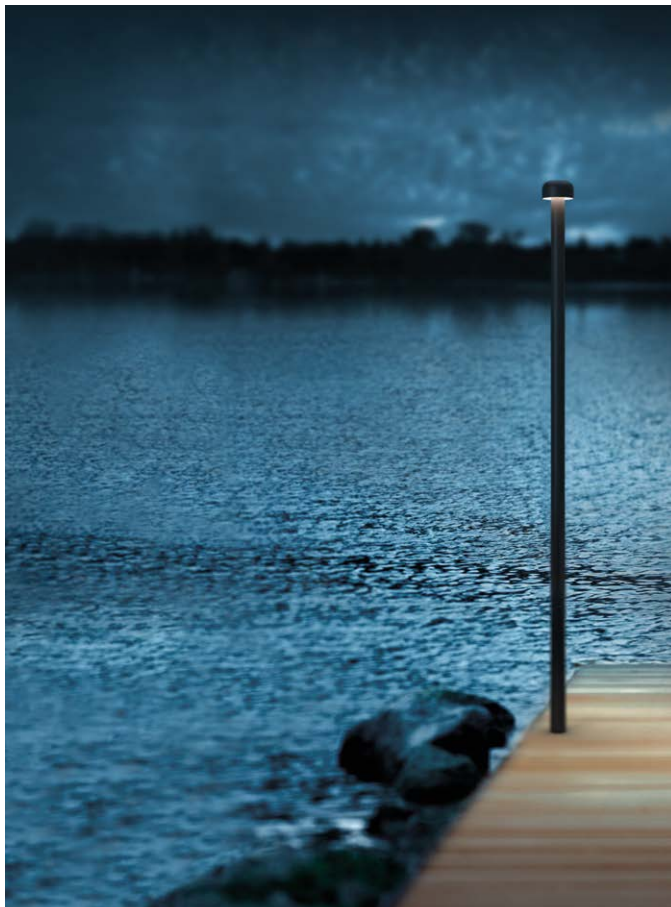
# Bellhop

Designed by Edward Barber & Jay Osgerby





Bellhop Wall



Bellhop Pole





Bellhop Bollard

## Familie / Family

Bellhop Wall

Bellhop Bollard

Bellhop Pole



### Power Led

8W  
551 lm - 2700K/CRI 80  
580 lm - 3000K/CRI 80  
607 lm - 4000K/CRI 80  
*2200K available on request.*

### Power Led

8W  
551 lm - 2700K/CRI 80  
580 lm - 3000K/CRI 80  
607 lm - 4000K/CRI 80  
*2200K available on request.*

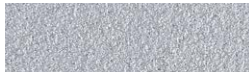
### Power Led

30W  
2490 lm - 2700K/CRI 80  
2590 lm - 3000K/CRI 80  
2760 lm - 4000K/CRI 80  
*2200K available on request.*

## Ausführungen / Colours



01 White\*



06 Grey



12 Forest Green\*



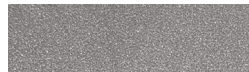
18 Deep Brown



30 Black\*



33 Anthracite



56 Matt Stainless  
Steel\*

\* Nur für Wall und Bollard versionen. / Only for bollard and wall versions.

### **Bellhop Wall**

Wandleuchtenversion der Bellhop Outdoor Kollektion für diffuses Licht, aus stranggepresstem und druckgegossenem Aluminium oder Edelstahl.

### **Bellhop Bollard**

Pollerversion der Bellhop Outdoor Kollektion für diffuses Licht. Bellhop ist aus extrudiertem und druckgegossenem Aluminium oder Edelstahl gefertigt und in zwei Höhen für das Pollermodell und mit verschiedenen Lumen und Leuchtenausgängen erhältlich, um allen Anforderungen im Hinblick auf den Außenbereich und das Beleuchtungsszenario gerecht zu werden.

### **Bellhop Pole**

Stangenversion der Bellhop Outdoor Kollektion für diffuses Licht. Aluminiumkopf auf einer 3 Meter oder 4 Meter langen extrudierten Stange montiert. Für die Installation auf einer harten Oberfläche oder im Boden verfügbar.

### **Bellhop Wall**

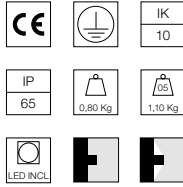
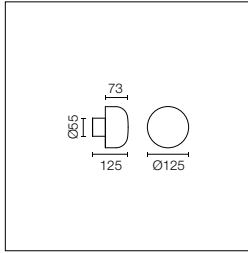
Wall light version of the Bellhop Outdoor Collection for diffuse light, made of extruded and die-cast aluminium or stainless steel.

### **Bellhop Bollard**

Bollard version of the Bellhop Outdoor Collection for diffuse light. Made of extruded and die-cast aluminium or stainless steel, Bellhop is available in two heights for the bollard model and with different lumens and luminaire outputs as to comply with any outdoor setting and lighting scenario need.

### **Bellhop Pole**

Pole version of the Bellhop Outdoor Collection for diffuse light. Aluminum head mounted on a 3m or 4m long extruded pole, available for installation on rigid surface or in ground.



100-240V Netzteil integriert. Direkte Wandbefestigung. Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet. Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-H<sub>2</sub>O-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply integrated. Direct wall installation. Each luminaire is equipped with 200 mm length cable for connection inside the luminaire body. Recommended connection with a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

**2700K**

Non Dimmable

- F003C21A001
- F003C21A006
- F003C21A012
- F003C21A018
- F003C21A030
- F003C21A033
- F003C21A056
- 1-10V
- F003C21B001
- F003C21B006
- F003C21B012
- F003C21B018
- F003C21B030
- F003C21B033
- F003C21B056

Dali

- F003C21D001
- F003C21D006
- F003C21D012
- F003C21D018
- F003C21D030
- F003C21D033
- F003C21D056

**3000K**

Non Dimmable

- F003C31A001
- F003C31A006
- F003C31A012
- F003C31A018
- F003C31A030
- F003C31A033
- F003C31A056
- 1-10V
- F003C31B001
- F003C31B006
- F003C31B012
- F003C31B018
- F003C31B030
- F003C31B033
- F003C31B056

Dali

- F003C31D001
- F003C31D006
- F003C31D012
- F003C31D018
- F003C31D030
- F003C31D033
- F003C31D056

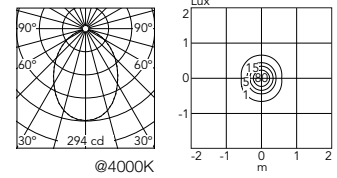
**4000K**

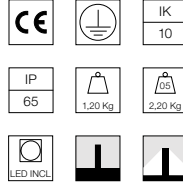
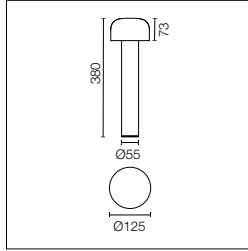
Non Dimmable

- F003C41A001
- F003C41A006
- F003C41A012
- F003C41A018
- F003C41A030
- F003C41A033
- F003C41A056
- 1-10V
- F003C41B001
- F003C41B006
- F003C41B012
- F003C41B018
- F003C41B030
- F003C41B033
- F003C41B056

Dali

- F003C41D001
- F003C41D006
- F003C41D012
- F003C41D018
- F003C41D030
- F003C41D033
- F003C41D056





100-240V Netzteil inbegriffen. Fertig für die Installation auf starrer Basis. Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet. Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-H<sub>2</sub>O-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply included. Ready for installation on solid surface. Each luminaire is equipped with 200 mm cable for connection inside the luminaire body. Recommended connection with a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

**2700K**

Non Dimmable

- F003A21A001
- F003A21A006
- F003A21A012
- F003A21A018
- F003A21A030
- F003A21A033
- F003A21A056

1-10V

- F003A21B001
- F003A21B006
- F003A21B012
- F003A21B018
- F003A21B030
- F003A21B033
- F003A21B056

Dali

- F003A21D001
- F003A21D006
- F003A21D012
- F003A21D018
- F003A21D030
- F003A21D033
- F003A21D056

**3000K**

Non Dimmable

- F003A31A001
- F003A31A006
- F003A31A012
- F003A31A018
- F003A31A030
- F003A31A033
- F003A31A056

1-10V

- F003A31B001
- F003A31B006
- F003A31B012
- F003A31B018
- F003A31B030
- F003A31B033
- F003A31B056

Dali

- F003A31D001
- F003A31D006
- F003A31D012
- F003A31D018
- F003A31D030
- F003A31D033
- F003A31D056

**4000K**

Non Dimmable

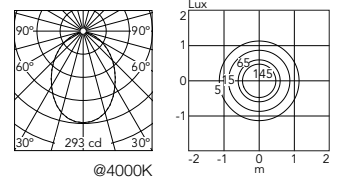
- F003A41A001
- F003A41A006
- F003A41A012
- F003A41A018
- F003A41A030
- F003A41A033
- F003A41A056

1-10V

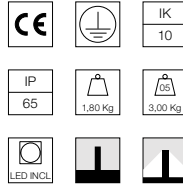
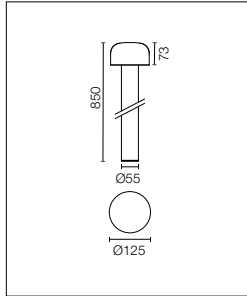
- F003A41B001
- F003A41B006
- F003A41B012
- F003A41B018
- F003A41B030
- F003A41B033
- F003A41B056

Dali

- F003A41D001
- F003A41D006
- F003A41D012
- F003A41D018
- F003A41D030
- F003A41D033
- F003A41D056



## Bellhop Bollard 850



100-240V Netzteil inbegriffen. Fertig für die Installation auf starrer Basis. Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet. Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-H<sub>2</sub>O-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply included. Ready for installation on solid surface. Each luminaire is equipped with 200 mm cable for connection inside the luminaire body. Recommended connection with a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

### 2700K

Non Dimmable

- F003B21A001
- F003B21A006
- F003B21A012
- F003B21A018
- F003B21A030
- F003B21A033
- F003B21A056

1-10V

- F003B21B001
- F003B21B006
- F003B21B012
- F003B21B018
- F003B21B030
- F003B21B033
- F003B21B056

Dali

- F003B21D001
- F003B21D006
- F003B21D012
- F003B21D018
- F003B21D030
- F003B21D033
- F003B21D056

### 3000K

Non Dimmable

- F003B31A001
- F003B31A006
- F003B31A012
- F003B31A018
- F003B31A030
- F003B31A033
- F003B31A056

1-10V

- F003B31B001
- F003B31B006
- F003B31B012
- F003B31B018
- F003B31B030
- F003B31B033
- F003B31B056

Dali

- F003B31D001
- F003B31D006
- F003B31D012
- F003B31D018
- F003B31D030
- F003B31D033
- F003B31D056

### 4000K

Non Dimmable

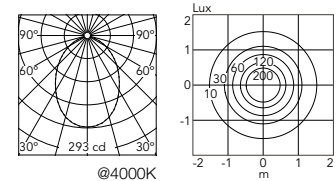
- F003B41A001
- F003B41A006
- F003B41A012
- F003B41A018
- F003B41A030
- F003B41A033
- F003B41A056

1-10V

- F003B41B001
- F003B41B006
- F003B41B012
- F003B41B018
- F003B41B030
- F003B41B033
- F003B41B056

Dali

- F003B41D001
- F003B41D006
- F003B41D012
- F003B41D018
- F003B41D030
- F003B41D033
- F003B41D056



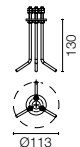
## Bellhop Bollard: Zubehörteile / Accessories

Stiftschraubenplatte.

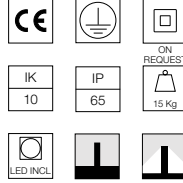
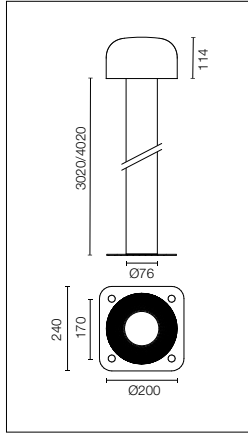
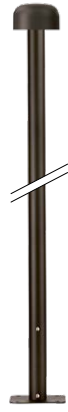
Base plate with bolt.

Bellhop Bollard Ø125

F003Z010000



# Bellhop Pole with base



220-240V Netzteil inbegriffen. Fertig für die Installation auf starrer Basis. Basisplatte als Zubehör verfügbar. Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet. Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-H<sub>2</sub>O-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen. 110V und dimmbare Versionen auf Anfrage erhältlich.

220-240V power supply included. Ready for installation on solid surface. Base plate available as accessory. Each luminaire is equipped with 200 mm cable for connection inside the luminaire body. Recommended connection with a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately. 110V and dimmable versions available on request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 30W - 3090 lm ≠ FIXT 2490 lm - 2700K/CRI 80 - 220-240V / 30W - 3220 lm ≠ FIXT 2590 lm - 3000K/CRI 80 - 220-240V / 30W - 3430 lm ≠ FIXT 2760 lm - 4000K/CRI 80 - 220-240V

## 2700K

H 3020 mm  
Non Dimmable

- F003H21A006
- F003H21A018
- F003H21A033
- 1-10V
- F003H21B006
- F003H21B018
- F003H21B033
- Dali
- F003H21D006
- F003H21D018
- F003H21D033

## 3000K

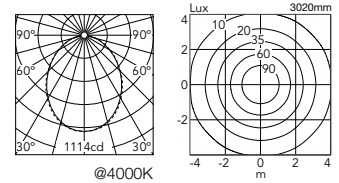
H 3020 mm  
Non Dimmable

- F003H31A006
- F003H31A018
- F003H31A033
- 1-10V
- F003H31B006
- F003H31B018
- F003H31B033
- Dali
- F003H31D006
- F003H31D018
- F003H31D033

## 4000K

H 3020 mm  
Non Dimmable

- F003H41A006
- F003H41A018
- F003H41A033
- 1-10V
- F003H41B006
- F003H41B018
- F003H41B033
- Dali
- F003H41D006
- F003H41D018
- F003H41D033



## 2700K

H 4020 mm  
Non Dimmable

- F003L21A006
- F003L21A018
- F003L21A033
- 1-10V
- F003L21B006
- F003L21B018
- F003L21B033
- Dali
- F003L21D006
- F003L21D018
- F003L21D033

## 3000K

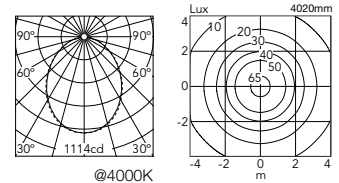
H 4020 mm  
Non Dimmable

- F003L31A006
- F003L31A018
- F003L31A033
- 1-10V
- F003L31B006
- F003L31B018
- F003L31B033
- Dali
- F003L31D006
- F003L31D018
- F003L31D033

## 4000K

H 4020 mm  
Non Dimmable

- F003L41A006
- F003L41A018
- F003L41A033
- 1-10V
- F003L41B006
- F003L41B018
- F003L41B033
- Dali
- F003L41D006
- F003L41D018
- F003L41D033

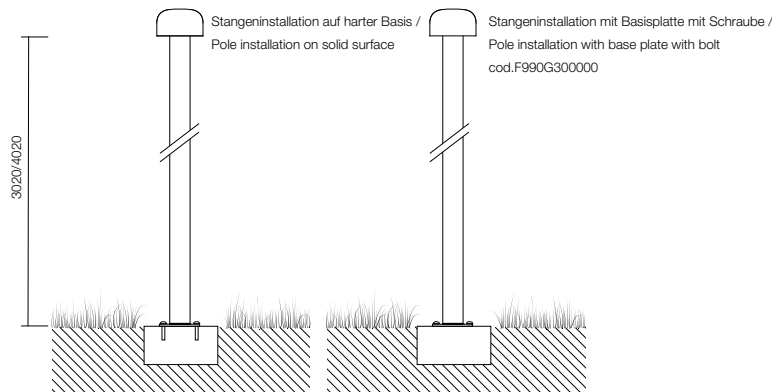
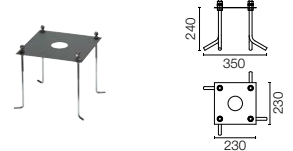


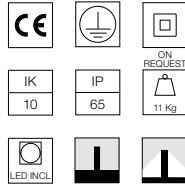
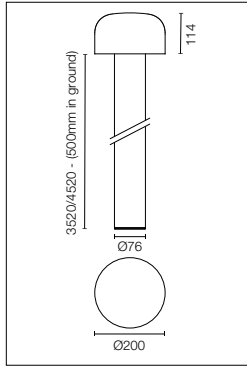
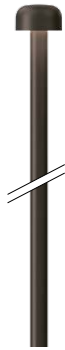
## Bellhop Pole: Zubehörteile / Accessories

Basisplatte mit Schraube für Bellhop-Stange mit Basis.

Base plate with bolt for Bellhop Pole with base version.

Bellhop Pole Ø200  
F990G300000





220-240V Netzteil beinhaltet.  
Für den Bodeneinbau tauglich.  
Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.  
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-H<sub>2</sub>O-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.  
110V und dimmbare Versionen auf Anfrage erhältlich.

220-240V power supply included.  
Ready for inground installation.  
Each luminaire is equipped with 200 mm cable for connection inside the luminaire body.  
Reccomended connection wit a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.  
110V and dimmable versions available on request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 30W - 3090 lm ≠ FIXT 2490 lm - 2700K/CRI 80 - 220-240V / 30W - 3220 lm ≠ FIXT 2590 lm - 3000K/CRI 80 - 220-240V / 30W - 3430 lm ≠ FIXT 2760 lm - 4000K/CRI 80 - 220-240V

**2700K**

H 3520 mm  
Non Dimmable

- F003G21A006
- F003G21A018
- F003G21A033
- 1-10V
- F003G21B006
- F003G21B033
- F003G21B018
- Dali
- F003G21D006
- F003G21D018
- F003G21D033

**3000K**

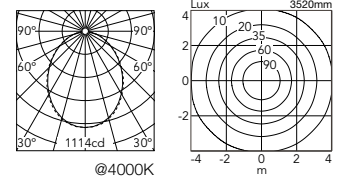
H 3520 mm  
Non Dimmable

- F003G31A006
- F003G31A018
- F003G31A033
- 1-10V
- F003G31B006
- F003G31B018
- F003G31B033
- Dali
- F003G31D006
- F003G31D018
- F003G31D033

**4000K**

H 3520 mm  
Non Dimmable

- F003G41A006
- F003G41A018
- F003G41A033
- 1-10V
- F003G41B006
- F003G41B018
- F003G41B033
- Dali
- F003G41D006
- F003G41D018
- F003G41D033



**2700K**

H 4520 mm  
Non Dimmable

- F003K21A006
- F003K21A018
- F003K21A033
- 1-10V
- F003K21B006
- F003K21B018
- F003K21B033
- Dali
- F003K21D006
- F003K21D018
- F003K21D033

**3000K**

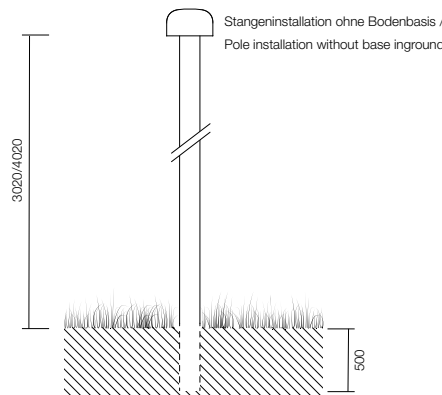
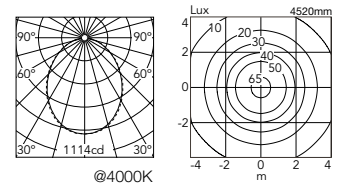
H 4520 mm  
Non Dimmable

- F003K31A006
- F003K31A018
- F003K31A033
- 1-10V
- F003K31B006
- F003K31B018
- F003K31B033
- Dali
- F003K31D006
- F003K31D018
- F003K31D033

**4000K**

H 4520 mm  
Non Dimmable

- F003K41A006
- F003K41A018
- F003K41A033
- 1-10V
- F003K41B006
- F003K41B018
- F003K41B033
- Dali
- F003K41D006
- F003K41D018
- F003K41D033





## Bellhop Pole: Zubehörteile / Accessories

Verbindungssystem, IP68,  
2-Wege-H<sub>2</sub>O-Antikondensat,  
4-polig, (ø5,5÷12mm Kabel).

2 way terminal block 4 poles  
IP68 H<sub>2</sub>O Stop.  
(ø5,5÷12mm cable).

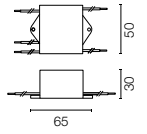
Bellhop Wall / Bollard / Pole  
F990C00A000



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

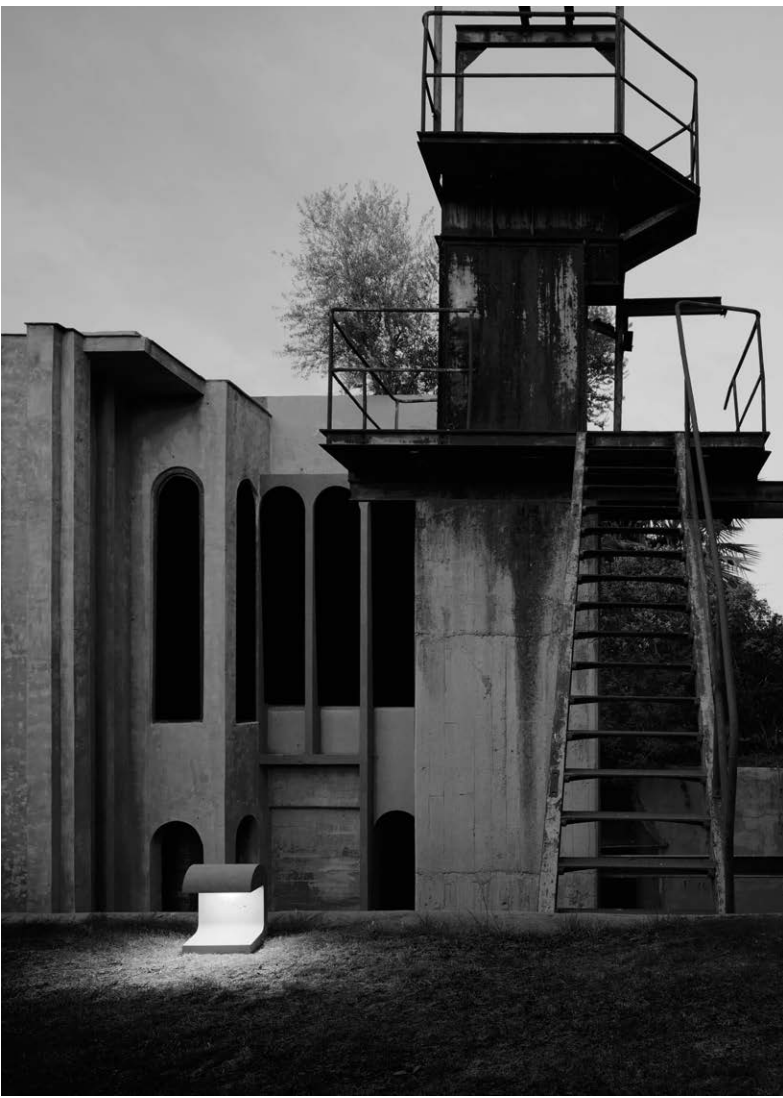
Bellhop Wall / Bollard / Pole  
F990E00A000



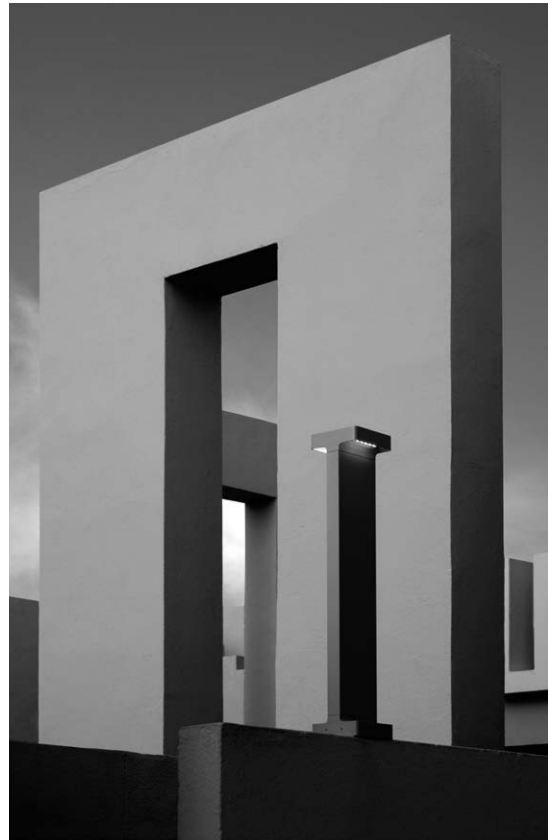
# Casting

Designed by Vincent Van Duysen





Casting Concrete

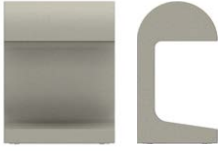


Casting T



## Familie / Family

### Casting Concrete



#### Power Led

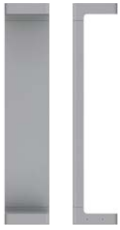
9W

427 lm - 2700K/CRI 80

513 lm - 3000K/CRI 80

526 lm - 4000K/CRI 80

### Casting C



W: **100**  
H: 200 / **500** / 700 mm

#### Power Led

7W

272 lm - 2700K/CRI 80

295 lm - 3000K/CRI 80

317 lm - 4000K/CRI 80

2200K available on request.



W: **150**  
H: 250 / **500** / 850 mm

#### Power Led

12W

565 lm - 2700K/CRI 80

813 lm - 3000K/CRI 80

660 lm - 4000K/CRI 80

2200K available on request.

### Casting T



W: **100**  
H: 200 / **500** / 700 mm

#### Power Led

12W

2x272 lm - 2700K/CRI 80

2x295 lm - 3000K/CRI 80

2x317 lm - 4000K/CRI 80

2200K available on request.



W: **150**  
H: 250 / **500** / 850 mm

#### Power Led

21W

2x565 lm - 2700K/CRI 80

2x813 lm - 3000K/CRI 80

2x660 lm - 4000K/CRI 80

2200K available on request.

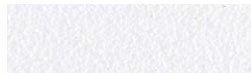
## Ausführungen / Colours

### Casting Concrete



89 Concrete

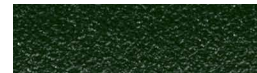
### Casting C / T



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

Kollektion von Leuchtpaletten für den Außenbereich mit LED-Lichtquelle.

### **Casting Concrete**

Der Körper der Version Concrete wird mittels Druck hergestellt, mit Betonguss aus Zement, inerten Feinaggregaten als Aggregate und Verstärkungsfasern. Jedes Produkt wird eigens aus handwerklicher Herstellung gefertigt: Minimale Unterschiede bei der Ästhetik und der Farbe zwischen den Geräten sind der Beweis für die Einzigartigkeit jeder Leuchte. Auf jedem Gerät ist ein Diffusor aus satiniertem Polycarbonat montiert, der an den Kühlkörper des Produkts festgeklebt ist, um die Wasserfestigkeit zu gewährleisten (UV-beständig, um die Vergilbung zu minimieren).

Das Gerät wird mit einem Ausgangskabelteil aus Neopren, einer elektrischen Anschlussausrüstung für ein mehrpoliges Einzelkabel und Dübeln für die Montage auf flachen und festen Oberflächen bereitgestellt. Die Halterungsplatte für die Installation auf Beton, Gussbelag oder auf Bodenplatten ist als Zubehör verfügbar.

### **Casting C/T**

Der Körper der Versionen C und T besteht aus extrudiertem Aluminium, die Basis und der Diffusor aus druckgegossenem, kupferarmem Aluminium EN AB-47100.

Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten. Diffusor aus Glas, das an den Kühlkörper des Produkts festgeklebt ist, um die Wasserfestigkeit zu gewährleisten, und mikrotexturiert, damit die homogene und einheitliche Lichtverteilung garantiert werden kann.

Das Gerät wird mit einem Ausgangskabelteil aus Neopren bereitgestellt.

Collection of outdoor bollard lights with LED light source.

### **Casting Concrete**

The body of the Round version is made from a mould, with poured concrete consisting of cement, fine inert materials for aggregating purposes, and reinforcing fibers. Each article is manufactured individually with a handcrafted process: minor aesthetic and color differences between one luminaire and another are the sign of the uniqueness of each lamp. Each luminaire has a frosted polycarbonate diffuser glued to the heat sink of the product to ensure a watertight seal (UV stabilized to minimise yellowing).

The luminaire is provided with a segment of outgoing cable in neoprene, with a kit of electrical connection for single multicore cable, and with dowels for installation on full and solid surfaces. The fixing plate for installation on cement paving, poured concrete, or on plinth is available as an accessory.

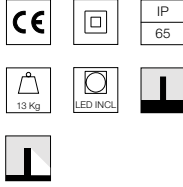
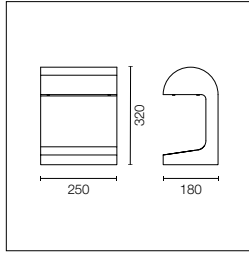
### **Casting C/T**

The body of the versions C and T is made of extruded aluminum, base and diffuser in die-cast aluminum EN AB-47100 with a low copper content.

High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents. The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation. A glass diffuser is glued to the heat sink of the product to ensure a watertight seal, micro-texturized to ensure homogeneous and uniform distribution of the light.

The luminaire is provided with a segment of outgoing cable in neoprene.

## Casting Concrete



220/240V Netzgerät inbegriffen.

220/240V power supply integrated.

**Power Led:** 9W - 650 lm ≠ FIXT 427 lm - 2700K/CRI 80 - 220-240V / 9W - 780 lm ≠ FIXT 513 lm - 3000K/CRI 80 - 220-240V / 9W - 800 lm ≠ FIXT 526 lm - 4000K/CRI 80 - 220-240V

### 2700K

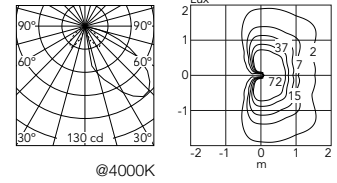
- F1330089.A

### 3000K

- F1331089.A

### 4000K

- F1332089.A



## Casting Concrete: Zubehörteile / Accessories

Stiftschraubenplatte.

Base plate with bolt.

F1209000



Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).

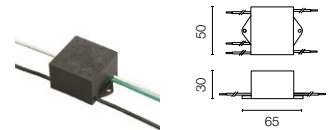
F990C010000



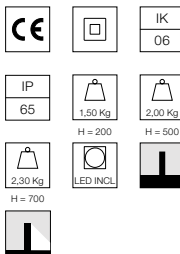
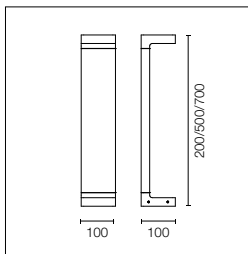
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000







110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 540 lm ≠ FIXT 272 lm - 2700K/CRI 80 - 110-240V / 7W - 585 lm ≠ FIXT 295 lm - 3000K/CRI 80 - 110-240V / 7W - 630 lm ≠ FIXT 317 lm - 4000K/CRI 80 - 110-240V

**2700K**

H 200 mm

- F1210001
- F1210006
- F1210012
- F1210018
- F1210030
- F1210033

H 500 mm

- F1213001
- F1213006
- F1213012
- F1213018
- F1213030
- F1213033

H 700 mm

- F1216001
- F1216006
- F1216012
- F1216018
- F1216030
- F1216033

**3000K**

H 200 mm

- F1211001
- F1211006
- F1211012
- F1211018
- F1211030
- F1211033

H 500 mm

- F1214001
- F1214006
- F1214012
- F1214018
- F1214030
- F1214033

H 700 mm

- F1217001
- F1217006
- F1217012
- F1217018
- F1217030
- F1217033

**4000K**

H 200 mm

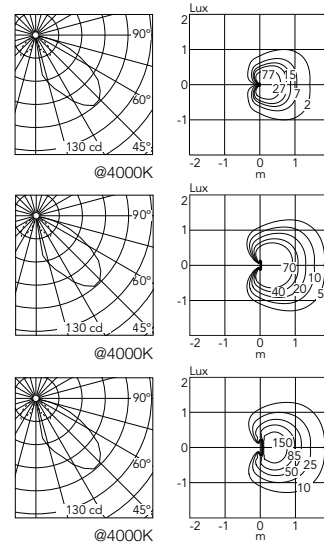
- F1212001
- F1212006
- F1212012
- F1212018
- F1212030
- F1212033

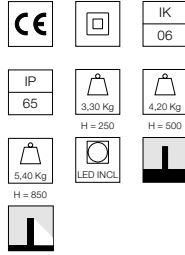
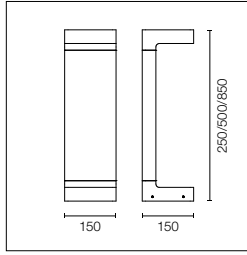
H 500 mm

- F1215001
- F1215006
- F1215012
- F1215018
- F1215030
- F1215033

H 700 mm

- F1218001
- F1218006
- F1218012
- F1218018
- F1218030
- F1218033





110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 1080 lm ≠ FIXT 565 lm - 2700K/CRI 80 - 110-240V / 12W - 1170 lm ≠ FIXT 613 lm - 3000K/CRI 80 - 110-240V / 12W - 1260 lm ≠ FIXT 660 lm - 4000K/CRI 80 - 110-240V

**2700K**

H 250 mm - Non Dimmable

- F1230001
- F1230006
- F1230012
- F1230018
- F1230030
- F1230033
- 1-10V
- F1230001-310
- F1230006-310
- F1230012-310
- F1230018-310
- F1230030-310
- F1230033-310
- Dali
- F1230001-300
- F1230006-300
- F1230012-300
- F1230018-300
- F1230030-300
- F1230033-300

**3000K**

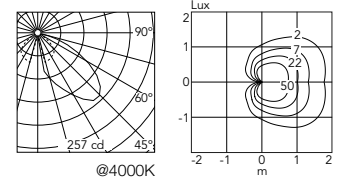
H 250 mm - Non Dimmable

- F1231001
- F1231006
- F1231012
- F1231018
- F1231030
- F1231033
- 1-10V
- F1231001-310
- F1231006-310
- F1231012-310
- F1231018-310
- F1231030-310
- F1231033-310
- Dali
- F1231001-300
- F1231006-300
- F1231012-300
- F1231018-300
- F1231030-300
- F1231033-300

**4000K**

H 250 mm - Non Dimmable

- F1232001
- F1232006
- F1232012
- F1232018
- F1232030
- F1232033
- 1-10V
- F1232001-310
- F1232006-310
- F1232012-310
- F1232018-310
- F1232030-310
- F1232033-310
- Dali
- F1232001-300
- F1232006-300
- F1232012-300
- F1232018-300
- F1232030-300
- F1232033-300



**2700K**

H 500 mm - Non Dimmable

- F1233001
- F1233006
- F1233012
- F1233018
- F1233030
- F1233033
- 1-10V
- F1233001-310
- F1233006-310
- F1233012-310
- F1233018-310
- F1233030-310
- F1233033-310
- Dali
- F1233001-300
- F1233006-300
- F1233012-300
- F1233018-300
- F1233030-300
- F1233033-300

**3000K**

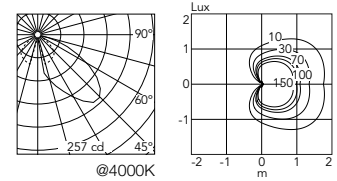
H 500 mm - Non Dimmable

- F1234001
- F1234006
- F1234012
- F1234018
- F1234030
- F1234033
- 1-10V
- F1234001-310
- F1234006-310
- F1234012-310
- F1234018-310
- F1234030-310
- F1234033-310
- Dali
- F1234001-300
- F1234006-300
- F1234012-300
- F1234018-300
- F1234030-300
- F1234033-300

**4000K**

H 500 mm - Non Dimmable

- F1235001
- F1235006
- F1235012
- F1235018
- F1235030
- F1235033
- 1-10V
- F1235001-310
- F1235006-310
- F1235012-310
- F1235018-310
- F1235030-310
- F1235033-310
- Dali
- F1235001-300
- F1235006-300
- F1235012-300
- F1235018-300
- F1235030-300
- F1235033-300



**2700K**

H 850 mm - Non Dimmable

- F1236001
- F1236006
- F1236012
- F1236018
- F1236030
- F1236033
- 1-10V
- F1236001-310
- F1236006-310
- F1236012-310
- F1236018-310
- F1236030-310
- F1236033-310
- Dali
- F1236001-300
- F1236006-300
- F1236012-300
- F1236018-300
- F1236030-300
- F1236033-300

**3000K**

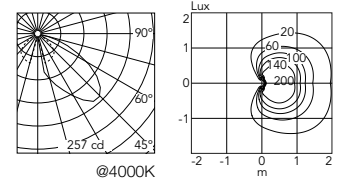
H 850 mm - Non Dimmable

- F1237001
- F1237006
- F1237012
- F1237018
- F1237030
- F1237033
- 1-10V
- F1237001-310
- F1237006-310
- F1237012-310
- F1237018-310
- F1237030-310
- F1237033-310
- Dali
- F1237001-300
- F1237006-300
- F1237012-300
- F1237018-300
- F1237030-300
- F1237033-300

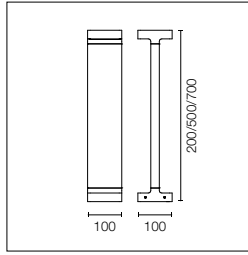
**4000K**

H 850 mm - Non Dimmable

- F1238001
- F1238006
- F1238012
- F1238018
- F1238030
- F1238033
- 1-10V
- F1238001-310
- F1238006-310
- F1238012-310
- F1238018-310
- F1238030-310
- F1238033-310
- Dali
- F1238001-300
- F1238006-300
- F1238012-300
- F1238018-300
- F1238030-300
- F1238033-300



# Casting T 100



110/240V Netzgerät inbegriffen.

110/240V power supply integrated.



2200K auf Anfrage erhältlich.

2200K available on request.



**Power Led:** 12W - 2x540 lm ≠ FIXT 2x272 lm - 2700K/CRI 80 - 110-240V / 12W - 2x585 lm ≠ FIXT 2x295 lm - 3000K/CRI 80 - 110-240V / 12W - 2x630 lm ≠ FIXT 2x317 lm - 4000K/CRI 80 - 110-240V

## 2700K

H 200 mm

- F1250001
- F1250006
- F1250012
- F1250018
- F1250030
- F1250033

H 500 mm

- F1253001
- F1253006
- F1253012
- F1253018
- F1253030
- F1253033

H 700 mm

- F1256001
- F1256006
- F1256012
- F1256018
- F1256030
- F1256033

## 3000K

H 200 mm

- F1251001
- F1251006
- F1251012
- F1251018
- F1251030
- F1251033

H 500 mm

- F1254001
- F1254006
- F1254012
- F1254018
- F1254030
- F1254033

H 700 mm

- F1257001
- F1257006
- F1257012
- F1257018
- F1257030
- F1257033

## 4000K

H 200 mm

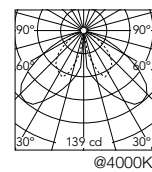
- F1252001
- F1252006
- F1252012
- F1252018
- F1252030
- F1252033

H 500 mm

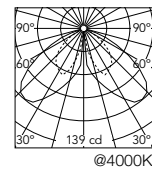
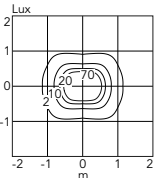
- F1255001
- F1255006
- F1255012
- F1255018
- F1255030
- F1255033

H 700 mm

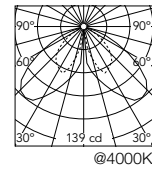
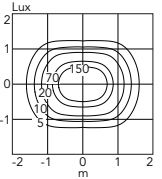
- F1258001
- F1258006
- F1258012
- F1258018
- F1258030
- F1258033



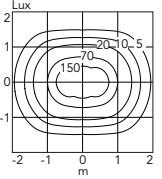
@4000K

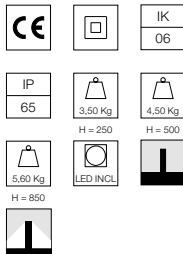
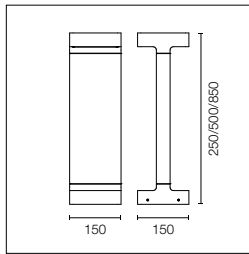


@4000K



@4000K





220/240V Netzgerät inbegriffen.  
Auf Anfrage 110-V-Version.

220/240V power supply  
integrated. Version 110V upon  
request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 21W - 2x1080 lm ≠ FIXT 2x565 lm - 2700K/CRI 80 - 220-240V / 21W - 2x1170 lm ≠ FIXT 2x613 lm - 3000K/CRI 80 - 220-240V / 21W - 2x1260 lm ≠ FIXT 2x660 lm - 4000K/CRI 80 - 220-240V

**2700K**

H 250 mm - Non Dimmable

- F1270001
- F1270006
- F1270012
- F1270018
- F1270030
- F1270033
- 1-10V
- F1270001-310
- F1270006-310
- F1270012-310
- F1270018-310
- F1270030-310
- F1270033-310
- Dali
- F1270001-300
- F1270006-300
- F1270012-300
- F1270018-300
- F1270030-300
- F1270033-300

**3000K**

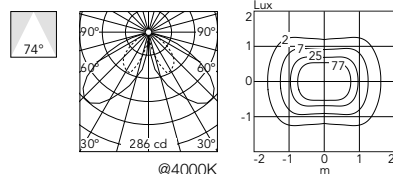
H 250 mm - Non Dimmable

- F1271001
- F1271006
- F1271012
- F1271018
- F1271030
- F1271033
- 1-10V
- F1271001-310
- F1271006-310
- F1271012-310
- F1271018-310
- F1271030-310
- F1271033-310
- Dali
- F1271001-300
- F1271006-300
- F1271012-300
- F1271018-300
- F1271030-300
- F1271033-300

**4000K**

H 250 mm - Non Dimmable

- F1272001
- F1272006
- F1272012
- F1272018
- F1272030
- F1272033
- 1-10V
- F1272001-310
- F1272006-310
- F1272012-310
- F1272018-310
- F1272030-310
- F1272033-310
- Dali
- F1272001-300
- F1272006-300
- F1272012-300
- F1272018-300
- F1272030-300
- F1272033-300



**2700K**

H 500 mm - Non Dimmable

- F1273001
- F1273006
- F1273012
- F1273018
- F1273030
- F1273033
- 1-10V
- F1273001-310
- F1273006-310
- F1273012-310
- F1273018-310
- F1273030-310
- F1273033-310
- Dali
- F1273001-300
- F1273006-300
- F1273012-300
- F1273018-300
- F1273030-300
- F1273033-300

**3000K**

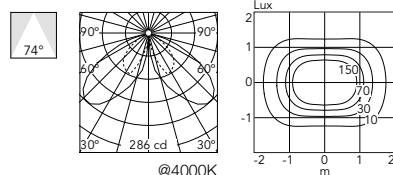
H 500 mm - Non Dimmable

- F1274001
- F1274006
- F1274012
- F1274018
- F1274030
- F1274033
- 1-10V
- F1274001-310
- F1274006-310
- F1274012-310
- F1274018-310
- F1274030-310
- F1274033-310
- Dali
- F1274001-300
- F1274006-300
- F1274012-300
- F1274018-300
- F1274030-300
- F1274033-300

**4000K**

H 500 mm - Non Dimmable

- F1275001
- F1275006
- F1275012
- F1275018
- F1275030
- F1275033
- 1-10V
- F1275001-310
- F1275006-310
- F1275012-310
- F1275018-310
- F1275030-310
- F1275033-310
- Dali
- F1275001-300
- F1275006-300
- F1275012-300
- F1275018-300
- F1275030-300
- F1275033-300



**2700K**

H 850 mm - Non Dimmable

- F1276001
- F1276006
- F1276012
- F1276018
- F1276030
- F1276033
- 1-10V
- F1276001-310
- F1276006-310
- F1276012-310
- F1276018-310
- F1276030-310
- F1276033-310
- Dali
- F1276001-300
- F1276006-300
- F1276012-300
- F1276018-300
- F1276030-300
- F1276033-300

**3000K**

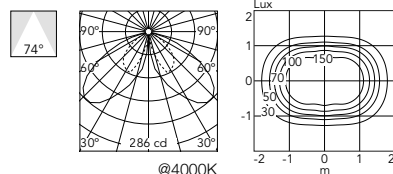
H 850 mm - Non Dimmable

- F1277001
- F1277006
- F1277012
- F1277018
- F1277030
- F1277033
- 1-10V
- F1277001-310
- F1277006-310
- F1277012-310
- F1277018-310
- F1277030-310
- F1277033-310
- Dali
- F1277001-300
- F1277006-300
- F1277012-300
- F1277018-300
- F1277030-300
- F1277033-300




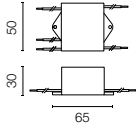
**4000K**

H 850 mm - Non Dimmable

- F1278001
- F1278006
- F1278012
- F1278018
- F1278030
- F1278033
- 1-10V
- F1278001-310
- F1278006-310
- F1278012-310
- F1278018-310
- F1278030-310
- F1278033-310
- Dali
- F1278001-300
- F1278006-300
- F1278012-300
- F1278018-300
- F1278030-300
- F1278033-300



## Casting T/C: Zubehörteile / Accessories

Stiftschraubenplatte.	Base plate with bolt.	Casting 100 F1208000  Casting 150 F1207000	
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000	
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000	 

## **Walkstick / Wallstick**

Designed by Antonio Citterio





Walkstick 2 Double





Walkstick Pipe

## Familie / Family

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Walkstick



### Power Led

2,5W  
185 lm - 2700K/CRI 80  
199 lm - 3000K/CRI 80  
212 lm - 4000K/CRI 80

2200K available on request.

Walkstick Pipe



### Power Led

7W  
483 lm - 2700K/CRI 80  
496 lm - 3000K/CRI 80  
529 lm - 4000K/CRI 80

2200K available on request.

Walkstick



### Power Led

6W  
333 lm - 2700K/CRI 80  
358 lm - 3000K/CRI 80  
382 lm - 4000K/CRI 80

2200K available on request.

Walkstick Double



### Power Led

8,5W  
333+185 lm - 2700K/CRI 80  
358+199 lm - 3000K/CRI 80  
382+212 lm - 4000K/CRI 80

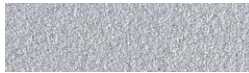
2200K available on request.

## Ausführungen / Colours

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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

### Walkstick Pipe

Pfahlleuchten-Kollektion für den Außenbereich mit LED-Lichtquelle und rohrförmigem Kopf, der auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellbar ist. In zwei verschiedenen Höhen verfügbar.

Der Ständer und der Kopf bestehen aus extrudiertem Aluminium und die Basis ist aus druckgegossenem Aluminium mit niedrigem Kupfergehalt hergestellt.

Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxidationsschutz zu gewährleisten.

Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.

Diffusor aus geätzttem Glas für eine gleichmäßige Lichtstreuung am Boden.

Das Gerät wird mit einem Ausgangskabelteil aus Neopren bereitgestellt.

Es kann einfach mit Dübeln auf jedem Untergrund auf dem Boden oder mit dem speziellen, separat bestellbaren Einbaugeschäube angebracht werden, um die Produktbasis fest mit dem Boden zu verbinden.

### Walkstick

Pfahlleuchten-Kollektion für den Außenbereich mit LED-Lichtquelle und aufgeweittem Kopf, der auf der vertikalen Achse um 350° verstellbar ist. In zwei verschiedenen Höhen erhältlich und mit einer oder zwei Leuchten kombinierbar.

Der Ständer besteht aus extrudiertem Aluminium, die Basis und der Kopf sind aus druckgegossenem Aluminium EN AB-47100 mit niedrigem Kupfergehalt hergestellt.

Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxidationsschutz zu gewährleisten.

Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.

Diffusor aus mikrostrukturiertem Glas für eine gleichmäßige Lichtverteilung auf dem Boden.

Es kann einfach mit Dübeln auf jedem Untergrund auf dem Boden oder mit dem speziellen, separat bestellbaren Einbaugeschäube angebracht werden, um die Produktbasis fest mit dem Boden zu verbinden.

### Wallstick

Wandwegeleuchte für den Außenbereich mit LED-Lichtquelle und aufgeweittem Kopf, der auf der vertikalen Achse um 350° verstellbar ist. Der Leuchtkörper ist aus druckgegossenem, kupferarmem Aluminium mit geringem Kupfergehalt hergestellt.

Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxidationsschutz zu gewährleisten.

Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.

Diffusor aus mikrostrukturiertem Glas für eine gleichmäßige Lichtverteilung auf dem Boden.

Das Gerät wird mit zwei 200-mm-Ausgangsstromkabeln und einer Ausrüstung für einen IP-dichten Anschluss bereitgestellt.

Die Stromversorgung (24 V) kann extern installiert werden.

Für eine einfachere Montage ist das optionale Einbaugeschäube erhältlich (3-Modul-Anschlussdose, Modell 503).

## Description

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### Walkstick Pipe

Collection of outdoor poles with LED light source and tubular head that can be adjusted 350° on the vertical and horizontal axes. Available in two different heights.

The stem and head are made of extruded aluminium; the base is made of die-cast aluminium with low copper content.

Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkilene and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.

The anchoring hardware is made of AISI 316L stainless steel.

Diffuser made of acid-etched glass to guarantee a uniform wash of light on the ground.

The unit is supplied with a length of neoprene cable.

The unit may be easily installed on any flooring on the ground with anchors, or with the dedicated installation box to completely integrate the base of the product with the pavement.

### Walkstick

Collection of outdoor poles with LED light source and tubular head that can be adjusted vertically 350°. Available in two different heights combined with the one- or two-light version.

The stem is made of extruded aluminium; the base and head are made of EN AB-47100 die-cast aluminium with low copper content.

Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkilene and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.

The anchoring hardware is made of AISI 316L stainless steel.

Diffuser in micro-textured glass to guarantee uniform light distribution on the ground.

The unit may be easily installed on any flooring on the ground with anchors, or with the dedicated installation box to completely integrate the base of the product with the pavement.

### Wallstick

Wall-mounted outdoor footpath lights with LED light source and flared head that can be adjusted vertically 350°.

The body is made of die-cast aluminium with low copper content.

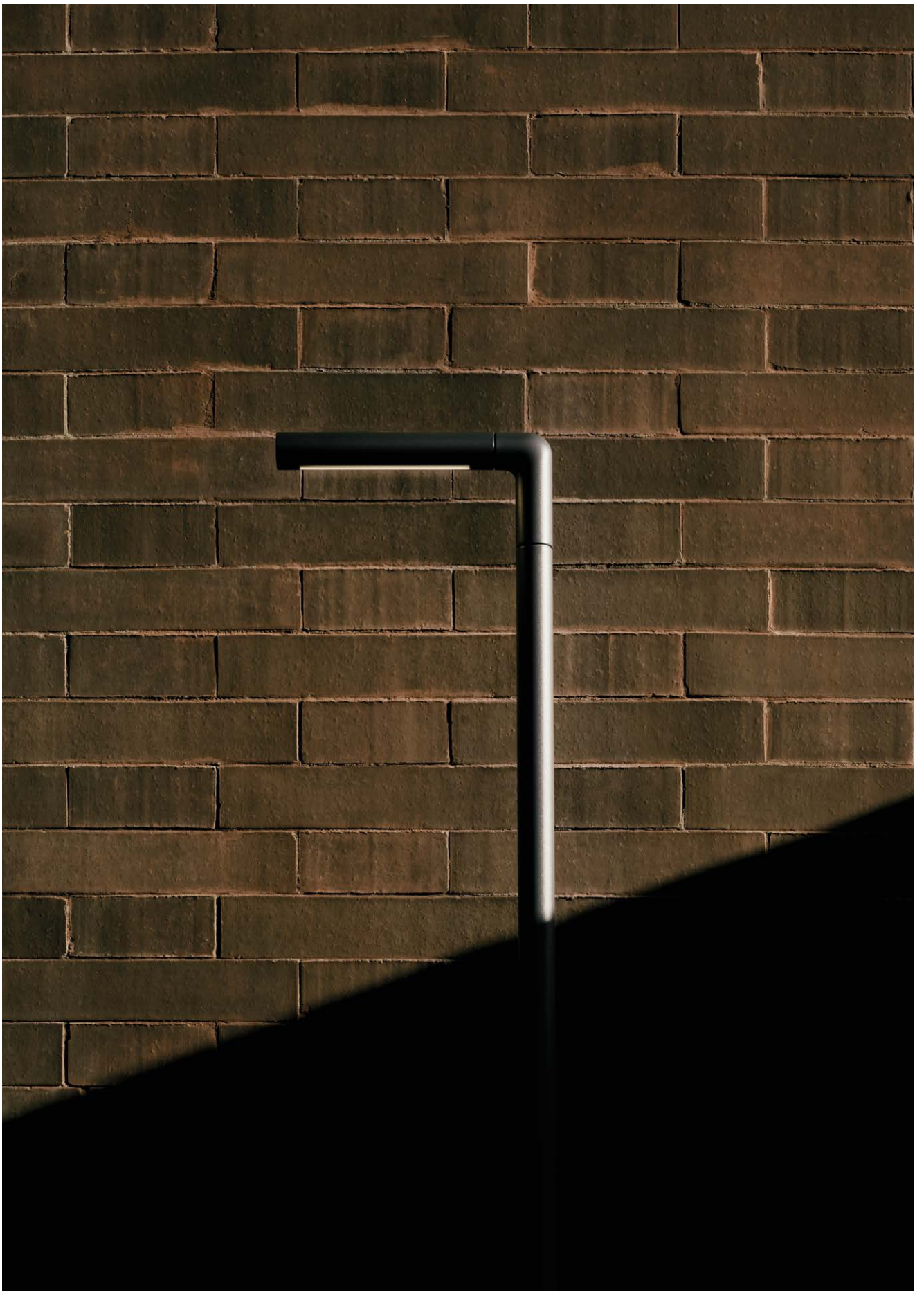
Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkilene and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.

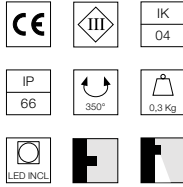
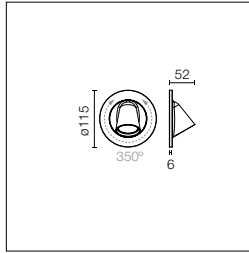
The anchoring hardware is made of AISI 316L stainless steel.

Diffuser in micro-textured glass to guarantee uniform light distribution on the ground.

The light comes with two 2-m power cables and with a kit for IP-rated connection.

The 24V electrical power supply can be installed remotely. For easier installation, an optional box (sold separately) is available (3-module junction box, model 503).





LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° verstellt werden. Die externe Stromversorgung (24 V) ist separat zu bestellen. Das Gerät wird mit zwei 200-mm-Ausgangsstromkabeln und einer Ausrüstung für einen IP-dichten Anschluss bereitgestellt. Das Netzteil kann extern montiert werden (kein Einbaugeschäube erforderlich) oder mit einem speziellen, optionalen Einbaugeschäube hinter dem Gerät untergebracht werden.

LED light source included. Head adjustable 350° on the vertical axis. Remote 24V electrical power unit sold separately. Unit comes with two 200-mm-long outgoing power cables and a kit for IP-rated connection. The power supply may be installed remotely (installation box not necessary) or housed behind the unit with the optional installation box.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,5W - 264 lm ≠ FIXT 185 lm - 2700K/CRI 80 - 24V / 2,5W - 283 lm ≠ FIXT 199 lm - 3000K/CRI 80 - 24V / 2,5W - 303 lm ≠ FIXT 212 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- F010A20H001
- F010A20H006
- F010A20H012
- F010A20H018
- F010A20H030
- F010A20H033

**3000K**

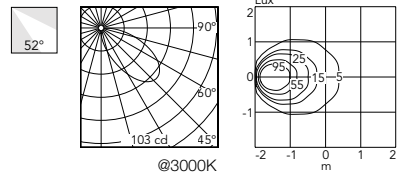
PWM Dimmable

- F010A30H001
- F010A30H006
- F010A30H012
- F010A30H018
- F010A30H030
- F010A30H033

**4000K**

PWM Dimmable

- F010A40H001
- F010A40H006
- F010A40H012
- F010A40H018
- F010A40H030
- F010A40H033



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220±240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Non Dimmable

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	2
Acc. RF25757	2
Acc. F990B23AZ00	7
Acc. F990B28A000	9
Acc. F990B27A000	13

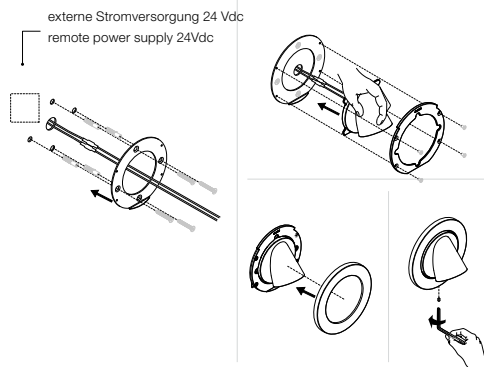
Dimmable

Acc. F990B02A000	7
Acc. F990B03A000	7
Acc. F990B16A000	7
Acc. F990B04A000	13
Acc. F990B05A000	13
Acc. F990B17A000	13

**Wandmontage / Installation on Wall**

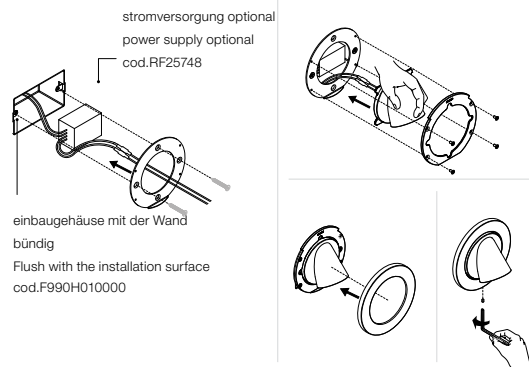
Option 1

Ohne Einbaugeschäube / Without recessed box installation.



Option 2

Mit Einbaugeschäube / Recessed box installation

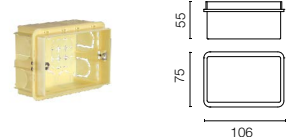


**Wallstick: Zubehörteile / Accessories**

Eingebaute 3-Modul-Anschlussdose (Modell 503), 106x75 mm, H 55 mm.

Recessed 3-module junction box (model 503) 106 mm x 75 mm H 55 mm.

F990H010000



Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4±6,9mm Kabel).

2 way terminal block 2 poles IP68. (Ø4±6,9mm cable).

F990C050000



Kann nicht in das Einbaugeschäube für die Installation platziert werden.

It can't be placed in the recessed box for installation.

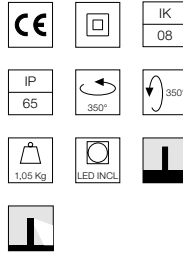
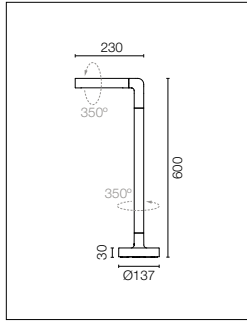
## Wallstick: Power Supply Dimmable

Netzgerät 24V PWM mit 1-10V Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.	Power supply 24V PWM with 1-10V control interface IP67 Class II. Vin 120-270 Vac.	35W *F990B02A000 70W *F990B04A000		
Netzgerät 24V PWM mit 1-10V Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.	Power supply 24V PWM with 1-10V control interface IP67 Class II. Vin 120-270 Vac.	35W *F990B03A000 70W *F990B05A000		
Netzgerät 24V PWM mit PUSH Steuerschnittstelle IP67 Klasse II. Vin 120-270 Vac.	Power supply 24V PWM with PUSH control interface IP67 Class II. Vin 120-270 Vac.	35W *F990B16A000 70W *F990B17A000		
Steuerungsschnittstelle 24V PWM - 1-10V IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).	Control interface 24V PWM - 1-10V IP67 Class III. Vin 24Vdc 120W (Power supply not included).	F990B00A000		
Steuerungsschnittstelle 24V PWM - Dali IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).	Control interface 24V PWM - Dali IP67 Class III. Vin 24Vdc 120W (Power supply not included).	F990B01A000		
Steuerungsschnittstelle 24V PWM - Push IP67 Klasse III. Vin 24Vdc 120W (Netzgerät nicht eingeschlossen).	Control interface 24V PWM - Push IP67 Class III. Vin 24Vdc 120W (Power supply not included).	F990B18A000		

## Wallstick: Power Supply Non Dimmable

Netzgerät 24V 8W / 110-240V IP20 Klasse II selv.	Power supply 24V 8W / 110-240V IP20 Class II selv.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	*RF25748		
Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	*F990B23AZ00		
Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		

## Walkstick Pipe 1



220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit.  
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.  
Inklusive Verbindungssystem, IP 68, 2-Wege-H<sub>2</sub>O-Antikondensat, 4-polig.  
Auf Anfrage 110V Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.  
Included 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop.  
Version 110V upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 622 lm ≠ FIXT 483 lm - 2700K/CRI 80 - 220-240V / 7W - 648 lm ≠ FIXT 496 lm - 3000K/CRI 80 - 220-240V / 7W - 693 lm ≠ FIXT 529 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F010H21A001
- F010H21A006
- F010H21A012
- F010H21A018
- F010H21A030
- F010H21A033
- 1-10V
- F010H21B001
- F010H21B006
- F010H21B012
- F010H21B018
- F010H21B030
- F010H21B033

### 3000K

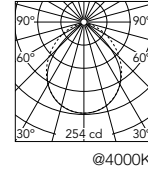
Non Dimmable

- F010H31A001
- F010H31A006
- F010H31A012
- F010H31A018
- F010H31A030
- F010H31A033
- 1-10V
- F010H31B001
- F010H31B006
- F010H31B012
- F010H31B018
- F010H31B030
- F010H31B033

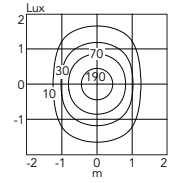
### 4000K

Non Dimmable

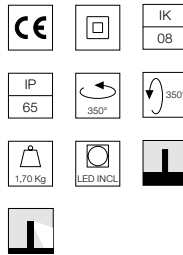
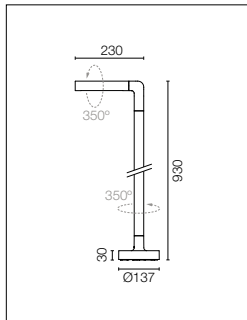
- F010H41A001
- F010H41A006
- F010H41A012
- F010H41A018
- F010H41A030
- F010H41A033
- 1-10V
- F010H41B001
- F010H41B006
- F010H41B012
- F010H41B018
- F010H41B030
- F010H41B033



@4000K



## Walkstick Pipe 2



220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit.  
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.  
Inklusive Verbindungssystem, IP 68, 2-Wege-H<sub>2</sub>O-Antikondensat, 4-polig.  
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.  
Included 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop.  
Version 110V upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 622 lm ≠ FIXT 483 lm - 2700K/CRI 80 - 220-240V / 7W - 648 lm ≠ FIXT 496 lm - 3000K/CRI 80 - 220-240V / 7W - 693 lm ≠ FIXT 529 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F010J21A001
- F010J21A006
- F010J21A012
- F010J21A018
- F010J21A030
- F010J21A033
- 1-10V
- F010J21B001
- F010J21B006
- F010J21B012
- F010J21B018
- F010J21B030
- F010J21B033
- Dali
- F010J21D001
- F010J21D006
- F010J21D012
- F010J21D018
- F010J21D030
- F010J21D033

### 3000K

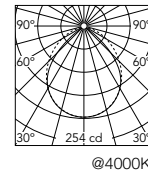
Non Dimmable

- F010J31A001
- F010J31A006
- F010J31A012
- F010J31A018
- F010J31A030
- F010J31A033
- 1-10V
- F010J31B001
- F010J31B006
- F010J31B012
- F010J31B018
- F010J31B030
- F010J31B033
- Dali
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- F010J31D006
- F010J31D012
- F010J31D018
- F010J31D030
- F010J31D033

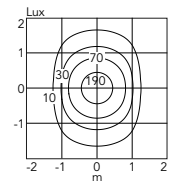
### 4000K

Non Dimmable

- F010J41A001
- F010J41A006
- F010J41A012
- F010J41A018
- F010J41A030
- F010J41A033
- 1-10V
- F010J41B001
- F010J41B006
- F010J41B012
- F010J41B018
- F010J41B030
- F010J41B033
- Dali
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- F010J41D012
- F010J41D018
- F010J41D030
- F010J41D033

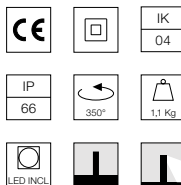
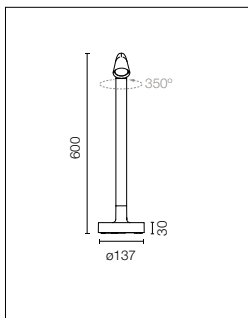


@4000K





## Walkstick 1



LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. Integriertes 220-240-V-Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage. 110-V-Version auf Anfrage erhältlich.

LED light source included. Head adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. Box for ground installation sold separately. 110V version by request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 6W - 502 lm ≠ FIXT 333 lm - 2700K/CRI 80 - 220-240V / 6W - 539 lm ≠ FIXT 358 lm - 3000K/CRI 80 - 220-240V / 6W - 577 lm ≠ FIXT 382 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F010B21A001
- F010B21A006
- F010B21A012
- F010B21A018
- F010B21A030
- F010B21A033
- 1-10V
- F010B21B001
- F010B21B006
- F010B21B012
- F010B21B018
- F010B21B030
- F010B21B033

### 3000K

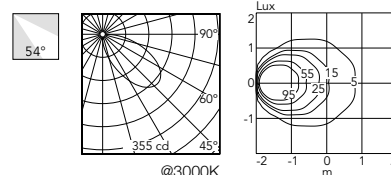
Non Dimmable

- F010B31A001
- F010B31A006
- F010B31A012
- F010B31A018
- F010B31A030
- F010B31A033
- 1-10V
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- F010B31B012
- F010B31B018
- F010B31B030
- F010B31B033

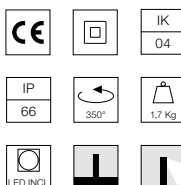
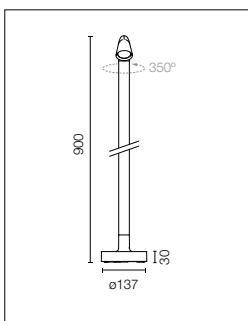
### 4000K

Non Dimmable

- F010B41A001
- F010B41A006
- F010B41A012
- F010B41A018
- F010B41A030
- F010B41A033
- 1-10V
- F010B41B001
- F010B41B006
- F010B41B012
- F010B41B018
- F010B41B030
- F010B41B033



## Walkstick 2



LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. 220-240-V-Netzteil zum Ein-/Ausschalten und 1-10V Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage. 110-V-Version auf Anfrage erhältlich.

LED light source included. Head adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. Box for ground installation sold separately. 110V version by request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 6W - 502 lm ≠ FIXT 333 lm - 2700K/CRI 80 - 220-240V / 6W - 539 lm ≠ FIXT 358 lm - 3000K/CRI 80 - 220-240V / 6W - 577 lm ≠ FIXT 382 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F010B22A001
- F010B22A006
- F010B22A012
- F010B22A018
- F010B22A030
- F010B22A033
- 1-10V
- F010B22B001
- F010B22B006
- F010B22B012
- F010B22B018
- F010B22B030
- F010B22B033

### 3000K

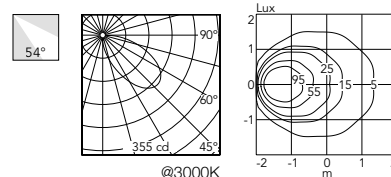
Non Dimmable

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- F010B32A006
- F010B32A012
- F010B32A018
- F010B32A030
- F010B32A033
- 1-10V
- F010B32B001
- F010B32B006
- F010B32B012
- F010B32B018
- F010B32B030
- F010B32B033

### 4000K

Non Dimmable

- F010B42A001
- F010B42A006
- F010B42A012
- F010B42A018
- F010B42A030
- F010B42A033
- 1-10V
- F010B42B001
- F010B42B006
- F010B42B012
- F010B42B018
- F010B42B030
- F010B42B033

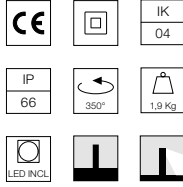
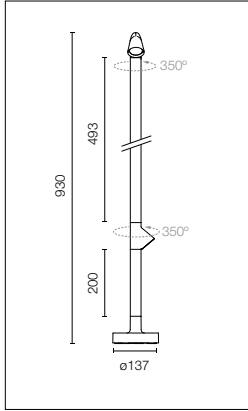


- Dali
- F010B22D001
  - F010B22D006
  - F010B22D012
  - F010B22D018
  - F010B22D030
  - F010B22D033

- Dali
- F010B32D001
  - F010B32D006
  - F010B32D012
  - F010B32D018
  - F010B32D030
  - F010B32D033

- Dali
- F010B42D001
  - F010B42D006
  - F010B42D012
  - F010B42D018
  - F010B42D030
  - F010B42D033

## Walkstick 2 Double



Doppelte LED-Lichtquelle im Lieferumfang enthalten. Lampenköpfe können unabhängig voneinander auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-H<sub>2</sub>O-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage. 110V Version auf Anfrage erhältlich.

Dual LED light source included. Heads independently adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H<sub>2</sub>O stop seal system. Box for ground installation sold separately. 110V version by request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8,5W - 502+264 lm ≠ FIXT 333+185 lm - 2700K/CRI 80 - 220-240V / 8,5W - 539+283 lm ≠ FIXT 358+199 lm - 3000K/CRI 80 - 220-240V / 8,5W - 577+303 lm ≠ FIXT 382+212 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F010C22A001
- F010C22A006
- F010C22A012
- F010C22A018
- F010C22A030
- F010C22A033

1-10V

- F010C22B001
- F010C22B006
- F010C22B012
- F010C22B018
- F010C22B030
- F010C22B033

Dali

- F010C22D001
- F010C22D006
- F010C22D012
- F010C22D018
- F010C22D030
- F010C22D033

### 3000K

Non Dimmable

- F010C32A001
- F010C32A006
- F010C32A012
- F010C32A018
- F010C32A030
- F010C32A033

1-10V

- F010C32B001
- F010C32B006
- F010C32B012
- F010C32B018
- F010C32B030
- F010C32B033

Dali

- F010C32D001
- F010C32D006
- F010C32D012
- F010C32D018
- F010C32D030
- F010C32D033

### 4000K

Non Dimmable

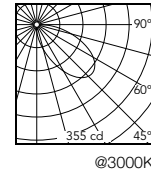
- F010C42A001
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- F010C42A030
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1-10V

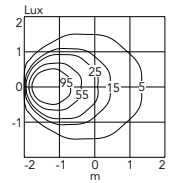
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- F010C42B030
- F010C42B033

Dali

- F010C42D001
- F010C42D006
- F010C42D012
- F010C42D018
- F010C42D030
- F010C42D033



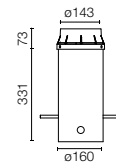
@3000K



## Walkstick: Zubehörteile / Accessories

Box für die Bodeninstallation. Box for ground installation.

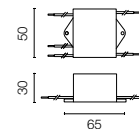
F001Z020000



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000



# Belvedere

Designed by Antonio Citterio assistant Toan Nguyen





Belvedere Clove



Belvedere Spot



## Familie / Family

---

Belvedere Clove



### Power Led

8,4W  
631 lm - 2700K/CRI 80  
657 lm - 3000K/CRI 80  
703 lm - 4000K/CRI 80  
[2200K available on request.](#)

Belvedere Spot



### Power Led

6W  
425 lm - 2700K/CRI 80  
440 lm - 3000K/CRI 80  
473 lm - 4000K/CRI 80  
Floor 1  
[2200K available on request.](#)

Belvedere Spot Wall



### Power Led

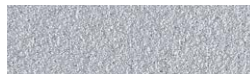
6W  
425 lm - 2700K/CRI 80  
440 lm - 3000K/CRI 80  
473 lm - 4000K/CRI 80

## Ausführungen / Colours

---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite



### **Belvedere Spot**

Familie von verstellbaren LED-Außenleuchten (doppelte Drehung, vertikale und horizontale Achse), geeignet für Bodeninstallationen (eben oder erdverlegt) und mit integriertem Netzteilkasten.

### **Belvedere Spot Wall**

Außenleuchte bestehend aus einem bis zu  $350^{\circ}\pm 5^{\circ}$  schwenkbaren Projektor an der Horizontalachse, geeignet für Wandinstallationen und mit integriertem Netzteilkasten.

### **Belvedere Clove**

Familie von Outdoor-Produkten, bestehend aus Leuchten mit einem Mast von zwei verschiedenen Höhen und geeignet für Bodeninstallationen (am Boden oder vergraben) und mit integriertem Netzteilkasten.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

### **Belvedere Spot**

Family of adjustable outdoor LED lighting luminaires (double rotation, vertical and horizontal axle) suitable for floor installations (ground or buried) and with integrated power supply box.

### **Belvedere Spot Wall**

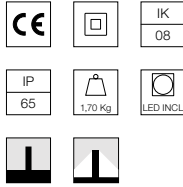
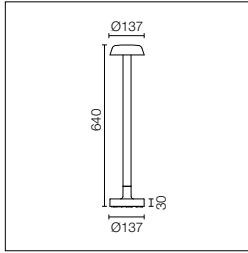
Outdoor luminaire consisting of an adjustable projector for up to  $350^{\circ}\pm 5^{\circ}$  on the horizontal axle suitable for wall installations and with integrated power supply box.

### **Belvedere Clove**

Family of outdoor products consisting of luminaires with a pole of two different heights and suitable for floor installations (ground or buried) and with integrated power supply box.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

## Belvedere Clove 1



220-240V Netzgerät inbegriffen.  
Für Installation auf einer harten Basis bereit.  
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.  
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.  
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.  
Included 2 way terminal block 4 poles IP68 H2O Stop.  
Version 110V upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8,4W - 783 lm ≠ FIXT 631 lm - 2700K/CRI 80 - 220-240V / 8,4W - 816 lm ≠ FIXT 657 lm - 3000K/CRI 80 - 220-240V / 8,4W - 873 lm ≠ FIXT 703 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F001A21A001
- F001A21A006
- F001A21A012
- F001A21A018
- F001A21A030
- F001A21A033

1-10V

- F001A21B001
- F001A21B006
- F001A21B012
- F001A21B018
- F001A21B030
- F001A21B033

Dali

- F001A21D001
- F001A21D006
- F001A21D012
- F001A21D018
- F001A21D030
- F001A21D033

### 3000K

Non Dimmable

- F001A31A001
- F001A31A006
- F001A31A012
- F001A31A018
- F001A31A030
- F001A31A033

1-10V

- F001A31B001
- F001A31B006
- F001A31B012
- F001A31B018
- F001A31B030
- F001A31B033

Dali

- F001A31D001
- F001A31D006
- F001A31D012
- F001A31D018
- F001A31D030
- F001A31D033

### 4000K

Non Dimmable

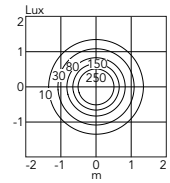
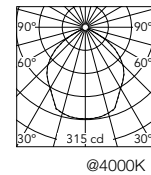
- F001A41A001
- F001A41A006
- F001A41A012
- F001A41A018
- F001A41A030
- F001A41A033

1-10V

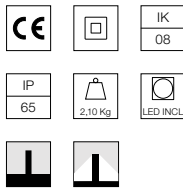
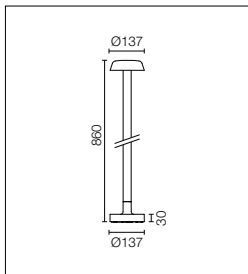
- F001A41B001
- F001A41B006
- F001A41B012
- F001A41B018
- F001A41B030
- F001A41B033

Dali

- F001A41D001
- F001A41D006
- F001A41D012
- F001A41D018
- F001A41D030
- F001A41D033



## Belvedere Clove 2



220-240V Netzgerät inbegriffen.  
Für Installation auf einer harten Basis bereit.  
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.  
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.  
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.  
Included 2 way terminal block 4 poles IP68 H2O Stop.  
Version 110V upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 8,4W - 783 lm ≠ FIXT 631 lm - 2700K/CRI 80 - 220-240V / 8,4W - 816 lm ≠ FIXT 657 lm - 3000K/CRI 80 - 220-240V / 8,4W - 873 lm ≠ FIXT 703 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F001B21A001
- F001B21A006
- F001B21A012
- F001B21A018
- F001B21A030
- F001B21A033

1-10V

- F001B21B001
- F001B21B006
- F001B21B012
- F001B21B018
- F001B21B030
- F001B21B033

Dali

- F001B21D001
- F001B21D006
- F001B21D012
- F001B21D018
- F001B21D030
- F001B21D033

### 3000K

Non Dimmable

- F001B31A001
- F001B31A006
- F001B31A012
- F001B31A018
- F001B31A030
- F001B31A033

1-10V

- F001B31B001
- F001B31B006
- F001B31B012
- F001B31B018
- F001B31B030
- F001B31B033

Dali

- F001B31D001
- F001B31D006
- F001B31D012
- F001B31D018
- F001B31D030
- F001B31D033

### 4000K

Non Dimmable

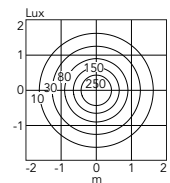
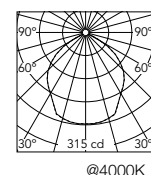
- F001B41A001
- F001B41A006
- F001B41A012
- F001B41A018
- F001B41A030
- F001B41A033

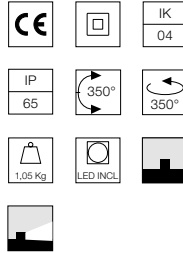
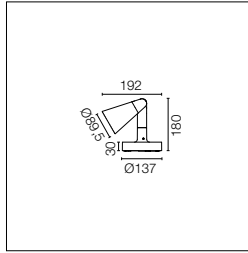
1-10V

- F001B41B001
- F001B41B006
- F001B41B012
- F001B41B018
- F001B41B030
- F001B41B033

Dali

- F001B41D001
- F001B41D006
- F001B41D012
- F001B41D018
- F001B41D030
- F001B41D033





220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit. Das Gehäuse für die Bodeninstallation ist separat zu bestellen. Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig. 24V Dimmbare Version auf Anfrage verfügbar.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately. Included 2 way terminal block 4 poles IP68 H2O Stop. 24V Dimmable version available on request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 6W - 513 lm ≠ \*FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ \*FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ \*FIXT 473 lm - 4000K/CRI 80 - 220-240V  
 \*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F001C21A001.A
- F001C21A006.A
- F001C21A012.A
- F001C21A018.A
- F001C21A030.A
- F001C21A033.A

**2700K**

Non Dimmable

- F001C22A001.A
- F001C22A006.A
- F001C22A012.A
- F001C22A018.A
- F001C22A030.A
- F001C22A033.A

**2700K**

Non Dimmable

- F001C23A001.A
- F001C23A006.A
- F001C23A012.A
- F001C23A018.A
- F001C23A030.A
- F001C23A033.A

**3000K**

Non Dimmable

- F001C31A001.A
- F001C31A006.A
- F001C31A012.A
- F001C31A018.A
- F001C31A030.A
- F001C31A033.A

**3000K**

Non Dimmable

- F001C32A001.A
- F001C32A006.A
- F001C32A012.A
- F001C32A018.A
- F001C32A030.A
- F001C32A033.A

**3000K**

Non Dimmable

- F001C33A001.A
- F001C33A006.A
- F001C33A012.A
- F001C33A018.A
- F001C33A030.A
- F001C33A033.A

**4000K**

Non Dimmable

- F001C41A001
- F001C41A006
- F001C41A012
- F001C41A018
- F001C41A030
- F001C41A033

**4000K**

Non Dimmable

- F001C42A001
- F001C42A006
- F001C42A012
- F001C42A018
- F001C42A030
- F001C42A033

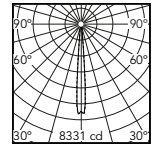
**4000K**

Non Dimmable

- F001C43A001
- F001C43A006
- F001C43A012
- F001C43A018
- F001C43A030
- F001C43A033



SPOT



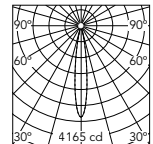
@4000K

Beam Angle: 9°

h(m)	Ef(x)	D(m)
1	8330	0.16
2	2083	0.32
3	926	0.48
4	521	0.64
5	333	0.80



MEDIUM



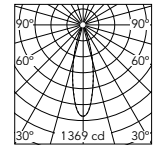
@4000K

Beam Angle: 15°

h(m)	Ef(x)	D(m)
1	4165	0.26
2	1041	0.52
3	463	0.79
4	260	1.05
5	167	1.31



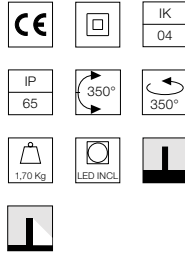
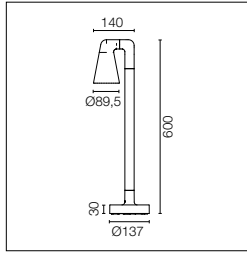
FLOOD



@4000K

Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	1369	0.46
2	342	0.93
3	152	1.39
4	86	1.85
5	55	2.31



220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit. Das Gehäuse für die Bodeninstallation ist separat zu bestellen. Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig. Auf Anfrage 110-V-Version.

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**Power Led:** 6W - 513 lm ≠ \*FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ \*FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ \*FIXT 473 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F001D21A001.A
- F001D21A006.A
- F001D21A012.A
- F001D21A018.A
- F001D21A030.A
- F001D21A033.A
- 1-10V
- F001D21B001.A
- F001D21B006.A
- F001D21B012.A
- F001D21B018.A
- F001D21B030.A
- F001D21B033.A

**2700K**

Non Dimmable

- F001D22A001.A
- F001D22A006.A
- F001D22A012.A
- F001D22A018.A
- F001D22A030.A
- F001D22A033.A
- 1-10V
- F001D22B001.A
- F001D22B006.A
- F001D22B012.A
- F001D22B018.A
- F001D22B030.A
- F001D22B033.A

**2700K**

Non Dimmable

- F001D23A001.A
- F001D23A006.A
- F001D23A012.A
- F001D23A018.A
- F001D23A030.A
- F001D23A033.A
- 1-10V
- F001D23B001.A
- F001D23B006.A
- F001D23B012.A
- F001D23B018.A
- F001D23B030.A
- F001D23B033.A

**3000K**

Non Dimmable

- F001D31A001.A
- F001D31A006.A
- F001D31A012.A
- F001D31A018.A
- F001D31A030.A
- F001D31A033.A
- 1-10V
- F001D31B001.A
- F001D31B006.A
- F001D31B012.A
- F001D31B018.A
- F001D31B030.A
- F001D31B033.A

**3000K**

Non Dimmable

- F001D32A001.A
- F001D32A006.A
- F001D32A012.A
- F001D32A018.A
- F001D32A030.A
- F001D32A033.A
- 1-10V
- F001D32B001.A
- F001D32B006.A
- F001D32B012.A
- F001D32B018.A
- F001D32B030.A
- F001D32B033.A

**3000K**

Non Dimmable

- F001D33A001.A
- F001D33A006.A
- F001D33A012.A
- F001D33A018.A
- F001D33A030.A
- F001D33A033.A
- 1-10V
- F001D33B001.A
- F001D33B006.A
- F001D33B012.A
- F001D33B018.A
- F001D33B030.A
- F001D33B033.A

**4000K**

Non Dimmable

- F001D41A001
- F001D41A006
- F001D41A012
- F001D41A018
- F001D41A030
- F001D41A033
- 1-10V
- F001D41B001
- F001D41B006
- F001D41B012
- F001D41B018
- F001D41B030
- F001D41B033

**4000K**

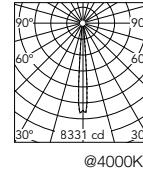
Non Dimmable

- F001D42A001
- F001D42A006
- F001D42A012
- F001D42A018
- F001D42A030
- F001D42A033
- 1-10V
- F001D42B001
- F001D42B006
- F001D42B012
- F001D42B018
- F001D42B030
- F001D42B033

**4000K**

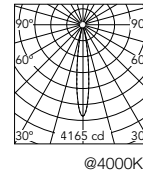
Non Dimmable

- F001D43A001
- F001D43A006
- F001D43A012
- F001D43A018
- F001D43A030
- F001D43A033
- 1-10V
- F001D43B001
- F001D43B006
- F001D43B012
- F001D43B018
- F001D43B030
- F001D43B033



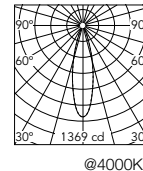
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	8330	0.16
2	2083	0.32
3	926	0.48
4	521	0.64
5	333	0.80



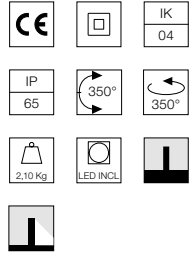
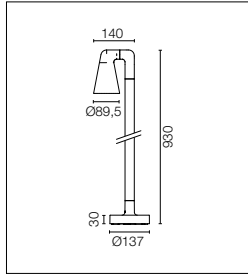
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4165	0.26
2	1041	0.52
3	463	0.79
4	260	1.05
5	167	1.31



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1369	0.46
2	342	0.93
3	152	1.39
4	86	1.85
5	55	2.31



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220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately. Included 2 way terminal block 4 poles IP68 H2O Stop. Version 110V upon request.

**Power Led:** 6W - 513 lm ≠ \*FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ \*FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ \*FIXT 473 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F001E21A001.A
- F001E21A006.A
- F001E21A012.A
- F001E21A018.A
- F001E21A030.A
- F001E21A033.A
- 1-10V
- F001E21B001.A
- F001E21B006.A
- F001E21B012.A
- F001E21B018.A
- F001E21B030.A
- F001E21B033.A
- Dali
- F001E21D001.A
- F001E21D006.A
- F001E21D012.A
- F001E21D018.A
- F001E21D030.A
- F001E21D033.A

**2700K**

Non Dimmable

- F001E22A001.A
- F001E22A006.A
- F001E22A012.A
- F001E22A018.A
- F001E22A030.A
- F001E22A033.A
- 1-10V
- F001E22B001.A
- F001E22B006.A
- F001E22B012.A
- F001E22B018.A
- F001E22B030.A
- F001E22B033.A
- Dali
- F001E22D001.A
- F001E22D006.A
- F001E22D012.A
- F001E22D018.A
- F001E22D030.A
- F001E22D033.A

**2700K**

Non Dimmable

- F001E23A001.A
- F001E23A006.A
- F001E23A012.A
- F001E23A018.A
- F001E23A030.A
- F001E23A033.A
- 1-10V
- F001E23B001.A
- F001E23B006.A
- F001E23B012.A
- F001E23B018.A
- F001E23B030.A
- F001E23B033.A
- Dali
- F001E23D001.A
- F001E23D006.A
- F001E23D012.A
- F001E23D018.A
- F001E23D030.A
- F001E23D033.A

**3000K**

Non Dimmable

- F001E31A001.A
- F001E31A006.A
- F001E31A012.A
- F001E31A018.A
- F001E31A030.A
- F001E31A033.A
- 1-10V
- F001E31B001.A
- F001E31B006.A
- F001E31B012.A
- F001E31B018.A
- F001E31B030.A
- F001E31B033.A
- Dali
- F001E31D001.A
- F001E31D006.A
- F001E31D012.A
- F001E31D018.A
- F001E31D030.A
- F001E31D033.A

**3000K**

Non Dimmable

- F001E32A001.A
- F001E32A006.A
- F001E32A012.A
- F001E32A018.A
- F001E32A030.A
- F001E32A033.A
- 1-10V
- F001E32B001.A
- F001E32B006.A
- F001E32B012.A
- F001E32B018.A
- F001E32B030.A
- F001E32B033.A
- Dali
- F001E32D001.A
- F001E32D006.A
- F001E32D012.A
- F001E32D018.A
- F001E32D030.A
- F001E32D033.A

**3000K**

Non Dimmable

- F001E33A001
- F001E33A006
- F001E33A012
- F001E33A018
- F001E33A030
- F001E33A033
- 1-10V
- F001E33B001
- F001E33B006
- F001E33B012
- F001E33B018
- F001E33B030
- F001E33B033
- Dali
- F001E33D001
- F001E33D006
- F001E33D012
- F001E33D018
- F001E33D030
- F001E33D033

**4000K**

Non Dimmable

- F001E41A001
- F001E41A006
- F001E41A012
- F001E41A018
- F001E41A030
- F001E41A033
- 1-10V
- F001E41B001
- F001E41B006
- F001E41B012
- F001E41B018
- F001E41B030
- F001E41B033
- Dali
- F001E41D001
- F001E41D006
- F001E41D012
- F001E41D018
- F001E41D030
- F001E41D033

**4000K**

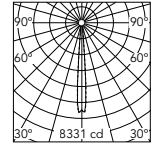
Non Dimmable

- F001E42A001
- F001E42A006
- F001E42A012
- F001E42A018
- F001E42A030
- F001E42A033
- 1-10V
- F001E42B001
- F001E42B006
- F001E42B012
- F001E42B018
- F001E42B030
- F001E42B033
- Dali
- F001E42D001
- F001E42D006
- F001E42D012
- F001E42D018
- F001E42D030
- F001E42D033

**4000K**

Non Dimmable

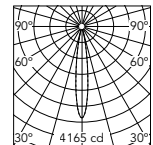
- F001E43A001
- F001E43A006
- F001E43A012
- F001E43A018
- F001E43A030
- F001E43A033
- 1-10V
- F001E43B001
- F001E43B006
- F001E43B012
- F001E43B018
- F001E43B030
- F001E43B033
- Dali
- F001E43D001
- F001E43D006
- F001E43D012
- F001E43D018
- F001E43D030
- F001E43D033



@4000K

Beam Angle: 9°

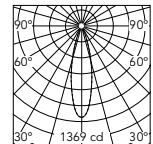
h(m)	E(lx)	D(m)
1	8330	0.16
2	2083	0.32
3	926	0.48
4	521	0.64
5	333	0.80



@4000K

Beam Angle: 15°

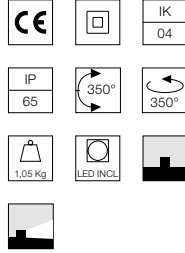
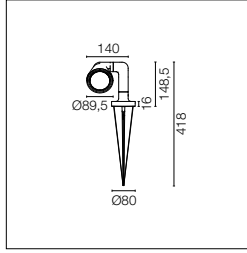
h(m)	E(lx)	D(m)
1	4165	0.26
2	1041	0.52
3	463	0.79
4	260	1.05
5	167	1.31



@4000K

Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1369	0.46
2	342	0.93
3	152	1.39
4	86	1.85
5	55	2.31



220-240V Netzgerät inbegriffen.  
Inklusive Verbindungssystem,  
IP 68, 2-Wege-H2O-  
Antikondensat, 4-polig.  
24V Dimmbare Version auf  
Anfrage verfügbar.  
Auf Anfrage 110-V-Version.

220-240V power supply  
included. Included 2 way  
terminal block 4 poles IP68 H2O  
Stop.  
24V Dimmable version available  
on request.  
Version 110V upon request.

**Power Led:** 6W - 513 lm ≠ \*FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ \*FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ \*FIXT 473 lm - 4000K/CRI 80 - 220-240V  
\*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F001F21A001.A
- F001F21A006.A
- F001F21A012.A
- F001F21A018.A
- F001F21A030.A
- F001F21A033.A

**2700K**

Non Dimmable

- F001F22A001.A
- F001F22A006.A
- F001F22A012.A
- F001F22A018.A
- F001F22A030.A
- F001F22A033.A

**2700K**

Non Dimmable

- F001F23A001.A
- F001F23A006.A
- F001F23A012.A
- F001F23A018.A
- F001F23A030.A
- F001F23A033.A

**3000K**

Non Dimmable

- F001F31A001.A
- F001F31A006.A
- F001F31A012.A
- F001F31A018.A
- F001F31A030.A
- F001F31A033.A

**3000K**

Non Dimmable

- F001F32A001.A
- F001F32A006.A
- F001F32A012.A
- F001F32A018.A
- F001F32A030.A
- F001F32A033.A

**3000K**

Non Dimmable

- F001F33A001.A
- F001F33A006.A
- F001F33A012.A
- F001F33A018.A
- F001F33A030.A
- F001F33A033.A

**4000K**

Non Dimmable

- F001F41A001
- F001F41A006
- F001F41A012
- F001F41A018
- F001F41A030
- F001F41A033

**4000K**

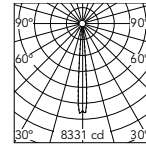
Non Dimmable

- F001F42A001
- F001F42A006
- F001F42A012
- F001F42A018
- F001F42A030
- F001F42A033

**4000K**

Non Dimmable

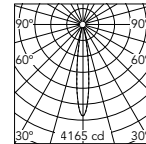
- F001F43A001
- F001F43A006
- F001F43A012
- F001F43A018
- F001F43A030
- F001F43A033



@4000K

Beam Angle: 9°

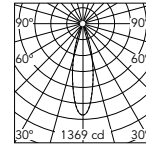
h(m)	E(lx)	D(m)
1	8330	0.16
2	2083	0.32
3	926	0.48
4	521	0.64
5	333	0.80



@4000K

Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4165	0.26
2	1041	0.52
3	463	0.79
4	260	1.05
5	167	1.31

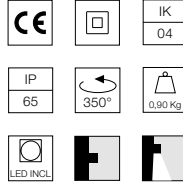
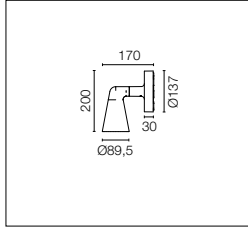


@4000K

Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1369	0.46
2	342	0.93
3	152	1.39
4	86	1.85
5	55	2.31

# Belvedere Spot Wall



Direkte wandbefestigung. 220-240V Netzgerät inbegriffen. Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig. 24V Dimmbare Version auf Anfrage verfügbar.

Direct wall installation. 220-240V power supply included. Included 2 way terminal block 4 poles IP68 H2O Stop. 24V Dimmable version available on request.

**Power Led:** 6W - 513 lm ≠ \*FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ \*FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ \*FIXT 473 lm - 4000K/CRI 80 - 220-240V  
 \*FIXT lm = Spot Optic

### 2700K

Non Dimmable

- F001G21A001.A
- F001G21A006.A
- F001G21A012.A
- F001G21A018.A
- F001G21A030.A
- F001G21A033.A

### 2700K

Non Dimmable

- F001G22A001.A
- F001G22A006.A
- F001G22A012.A
- F001G22A018.A
- F001G22A030.A
- F001G22A033.A

### 2700K

Non Dimmable

- F001G23A001.A
- F001G23A006.A
- F001G23A012.A
- F001G23A018.A
- F001G23A030.A
- F001G23A033.A

### 3000K

Non Dimmable

- F001G31A001.A
- F001G31A006.A
- F001G31A012.A
- F001G31A018.A
- F001G31A030.A
- F001G31A033.A

### 3000K

Non Dimmable

- F001G32A001.A
- F001G32A006.A
- F001G32A012.A
- F001G32A018.A
- F001G32A030.A
- F001G32A033.A

### 3000K

Non Dimmable

- F001G33A001.A
- F001G33A006.A
- F001G33A012.A
- F001G33A018.A
- F001G33A030.A
- F001G33A033.A

### 4000K

Non Dimmable

- F001G41A001
- F001G41A006
- F001G41A012
- F001G41A018
- F001G41A030
- F001G41A033

### 4000K

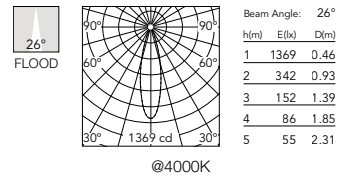
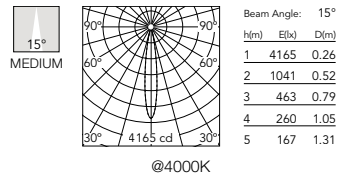
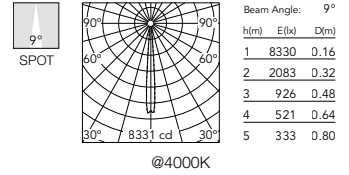
Non Dimmable

- F001G42A001
- F001G42A006
- F001G42A012
- F001G42A018
- F001G42A030
- F001G42A033

### 4000K

Non Dimmable

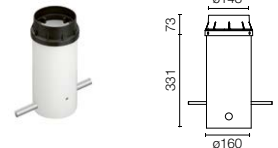
- F001G43A001
- F001G43A006
- F001G43A012
- F001G43A018
- F001G43A030
- F001G43A033



## Belvedere Spot: Zubehörteile / Accessories

Box für die Bodeninstallation. Box for ground installation.

Belvedere Spot / Clove  
F001Z020000



Punktblende. Spot visor.

Belvedere Spot  
F001Z010000



Punktblende mit "Honeycomb". Spot visor with honeycomb.

Belvedere Spot  
F001Z030000



Punktblende mit "Flood". Spot visor with flood lens.

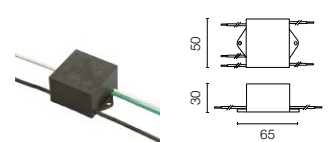
Belvedere Spot  
F001Z040000



Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

Belvedere Spot / Clove / Wall  
F990E00A000



## **Klein Pro**

Designed by Flos Outdoor









Klein Pro

Klein Pro



**Power Led**

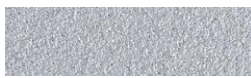
11W  
294 lm - 2700K/CRI 80  
304 lm - 3000K/CRI 80  
325 lm - 4000K/CRI 80

**Ausführungen / Colours**

---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite



70 Anodized Natural



71 Anodized Black



73 Anodized Gold\*

---

\* Nur für Schirmstange. / Only for pole screen.

## Beschreibung / Description

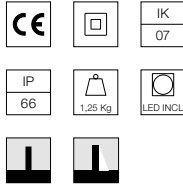
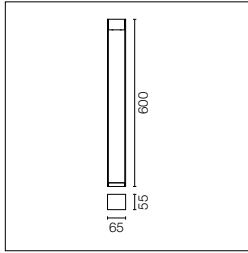
---

Der Körper des Klein Pro Pollers besteht aus strangengepresstem Aluminium, der Boden und der Diffusor aus Aluminium-Druckguss EN AB-47100 mit niedrigem Kupfergehalt. Hochbeständige Beschichtung: wird die Außenbeschichtung mit einer doppelten Schicht Epoxidpulver nach dem QUALICOAT-Standard aufgetragen. Die erste Schicht aus Epoxidpulver sorgt für chemische und mechanische Beständigkeit, die zweite Schicht aus Polyesterpulver sorgt für Beständigkeit.

Auch mit eloxiertem Finish erhältlich. Klein Pro ist kompatibel mit der vorhandenen "Klein" -Befestigungsplatte.

The body of Klein Pro bollard is made of extruded aluminium, base and diffuser in die-cast aluminium EN AB-47100 with a low copper content.

High-resistance coating: the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance. Also available in anodized finishes.



220 / 240V Netzteil integriert.  
Feste Oberfläche oder Bodeninstallationszubehör müssen separat bestellt werden.  
Jede Leuchte ist mit einem 1000 mm langen Abgangskabel und einem Verdrahtungskit ausgestattet.

220-240V power supply integrated. Solid surface or ground installation accessories to be ordered separately.  
Each luminaire is equipped with 1000 mm length outgoing cable and a wiring kit.

**Power Led:** 11W - 1089 lm ≠ FIXT 294 lm - 2700K/CRI 80 - 220-240V / 11W - 1126 lm ≠ FIXT 304 lm - 3000K/CRI 80 - 220-240V / 11W - 1211 lm ≠ FIXT 325 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F002A20A001.B
- F002A20A006.B
- F002A20A012.B
- F002A20A018.B
- F002A20A030.B
- F002A20A033.B
- F002A21A070.B
- F002A21A071.B

1-10V

- F002A20B001.B
- F002A20B006.B
- F002A20B012.B
- F002A20B018.B
- F002A20B030.B
- F002A20B033.B
- F002A21B070.B
- F002A21B071.B

Dali

- F002A20D001.B
- F002A20D006.B
- F002A20D012.B
- F002A20D018.B
- F002A20D030.B
- F002A20D033.B
- F002A21D070.B
- F002A21D071.B

**3000K**

Non Dimmable

- F002A30A001.B
- F002A30A006.B
- F002A30A012.B
- F002A30A018.B
- F002A30A030.B
- F002A30A033.B
- F002A31A070.B
- F002A31A071.B

1-10V

- F002A30B001.B
- F002A30B006.B
- F002A30B012.B
- F002A30B018.B
- F002A30B030.B
- F002A30B033.B
- F002A31B070.B
- F002A31B071.B

Dali

- F002A30D001.B
- F002A30D006.B
- F002A30D012.B
- F002A30D018.B
- F002A30D030.B
- F002A30D033.B
- F002A31D070.B
- F002A31D071.B

**4000K**

Non Dimmable

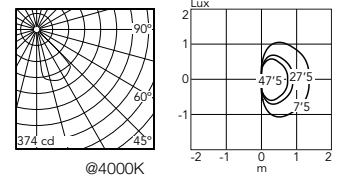
- F002A40A001.B
- F002A40A006.B
- F002A40A012.B
- F002A40A018.B
- F002A40A030.B
- F002A40A033.B
- F002A41A070.B
- F002A41A071.B

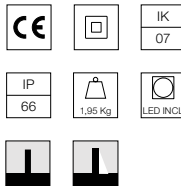
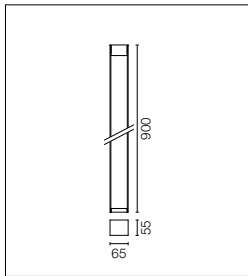
1-10V

- F002A40B001.B
- F002A40B006.B
- F002A40B012.B
- F002A40B018.B
- F002A40B030.B
- F002A40B033.B
- F002A41B070.B
- F002A41B071.B

Dali

- F002A40D001.B
- F002A40D006.B
- F002A40D012.B
- F002A40D018.B
- F002A40D030.B
- F002A40D033.B
- F002A41D070.B
- F002A41D071.B





220 / 240V Netzteil integriert.  
Feste Oberfläche oder Bodeninstallationszubehör müssen separat bestellt werden. Jede Leuchte ist mit einem 1000 mm langen Abgangskabel und einem Verdrahtungskit ausgestattet.

220-240V power supply integrated. Solid surface or ground installation accessories to be ordered separately. Each luminaire is equipped with 1000 mm length outgoing cable and a wiring kit.

**Power Led:** 11W - 1089 lm ≠ FIXT 294 lm - 2700K/CRI 80 - 220-240V / 11W - 1126 lm ≠ FIXT 304 lm - 3000K/CRI 80 - 220-240V / 11W - 1211 lm ≠ FIXT 325 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F002B20A001.B
- F002B20A006.B
- F002B20A012.B
- F002B20A018.B
- F002B20A030.B
- F002B20A033.B
- F002B21A070.B
- F002B21A071.B

1-10V

- F002B20B001.B
- F002B20B006.B
- F002B20B012.B
- F002B20B018.B
- F002B20B030.B
- F002B20B033.B
- F002B21B070.B
- F002B21B071.B

Dali

- F002B20D001.B
- F002B20D006.B
- F002B20D012.B
- F002B20D018.B
- F002B20D030.B
- F002B20D033.B
- F002B21D070.B
- F002B21D071.B

**3000K**

Non Dimmable

- F002B30A001.B
- F002B30A006.B
- F002B30A012.B
- F002B30A018.B
- F002B30A030.B
- F002B30A033.B
- F002B31A070.B
- F002B31A071.B

1-10V

- F002B30B001.B
- F002B30B006.B
- F002B30B012.B
- F002B30B018.B
- F002B30B030.B
- F002B30B033.B
- F002B31B070.B
- F002B31B071.B

Dali

- F002B30D001.B
- F002B30D006.B
- F002B30D012.B
- F002B30D018.B
- F002B30D030.B
- F002B30D033.B
- F002B31D070.B
- F002B31D071.B

**4000K**

Non Dimmable

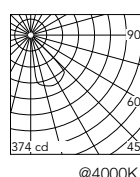
- F002B40A001.B
- F002B40A006.B
- F002B40A012.B
- F002B40A018.B
- F002B40A030.B
- F002B40A033.B
- F002B41A070.B
- F002B41A071.B

1-10V

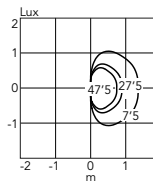
- F002B40B001.B
- F002B40B006.B
- F002B40B012.B
- F002B40B018.B
- F002B40B030.B
- F002B40B033.B
- F002B41B070.B
- F002B41B071.B

Dali





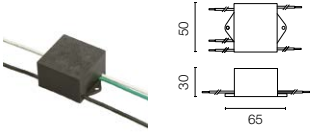
- F002B40D001.B
- F002B40D006.B
- F002B40D012.B
- F002B40D018.B
- F002B40D030.B
- F002B40D033.B
- F002B41D070.B
- F002B41D071.B



@4000K



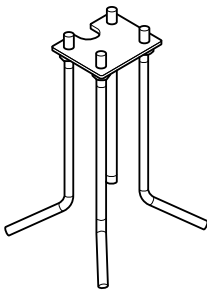
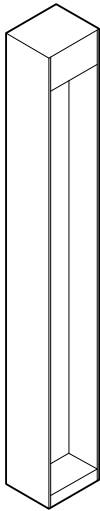
## Klein Pro: Zubehörteile / Accessories

Befestigungsbasis für feste Oberflächen.	Fixing base for solid surfaces.	<ul style="list-style-type: none"> <li>○ F002Z010001.A</li> <li>● F002Z010006.A</li> <li>● F002Z010012.A</li> <li>● F002Z010018.A</li> <li>● F002Z010030.A</li> <li>● F002Z010033.A</li> </ul>	
Minimal Klein Pro Bodenplatte, 47x57xH160 mm.	Minimal Klein Pro ground fixation plate, 47x57xH160 mm.	F002Z030000.A	
Bodenverankerungsplatte und Schwellenschrauben, Klein Pro 85x85xH160 mm.	Klein Pro base plate and fixing bolts 85x85xH160 mm.	F002Z020000	
Eloxiertes ästhetisches Pfostengitter.	Anodized aestetical pole screen.	<ul style="list-style-type: none"> <li>H 600 mm</li> <li>● F002Z040070</li> <li>● F002Z040071</li> <li>● F002Z040073</li> <li>H 900 mm</li> <li>● F002Z050070</li> <li>● F002Z050071</li> <li>● F002Z050073</li> </ul>	
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000	

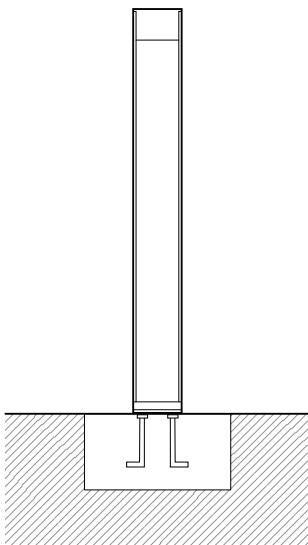


# Installationsoptionen / Installation Options

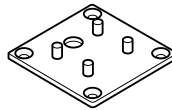
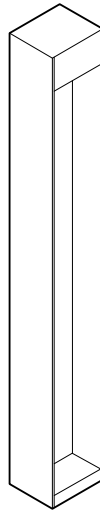
Option 1  
Mit Schwellenschrauben /  
Fixing anchor bolts



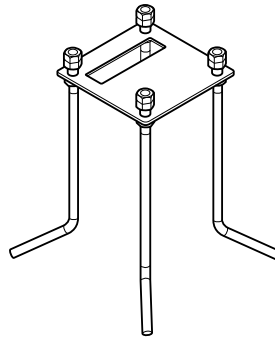
cod. F002Z030000.A



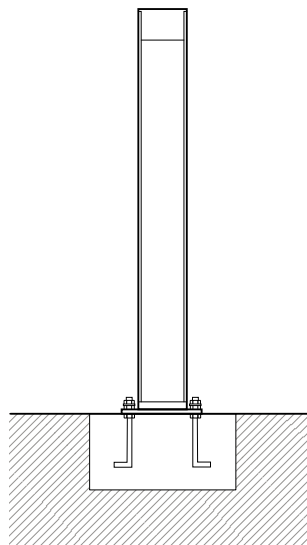
Option 2  
Mit Basis und Schwellenschrauben /  
With base and fixing anchor bolts



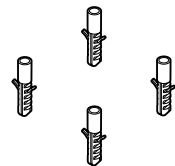
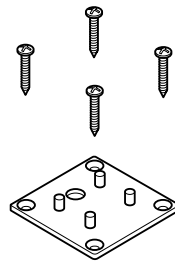
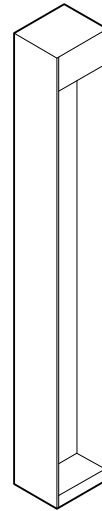
cod. F002Z0100.A



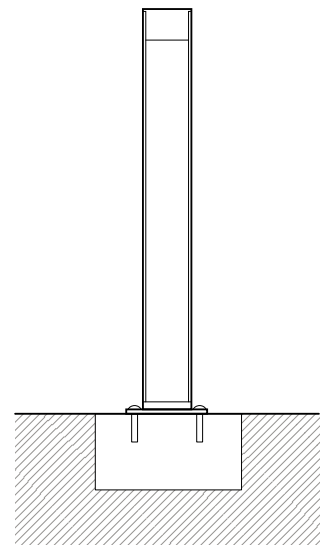
cod. F002Z020000



Option 3  
Befestigungsbasis mit Dübel (nicht im  
Lieferumfang enthalten) /  
With base for bolts (not included)



cod. F002Z0100.A



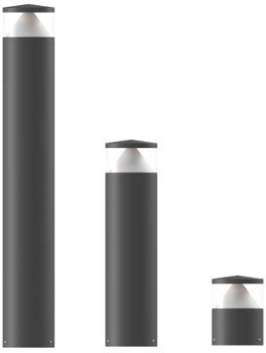
**Zefiro**







Zefiro



**Mid - Power Led**

up to 14,5W

up to 1357 lm - 2700K/CRI 80

up to 1423 lm - 3000K/CRI 80

up to 1494 lm - 4000K/CRI 80

\* Net lumen output

**Ausführungen / Colours**

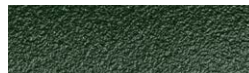
---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

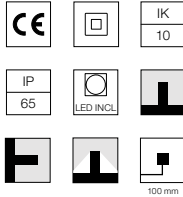
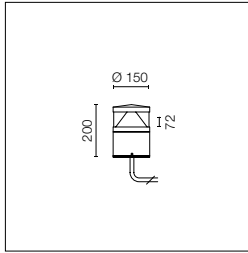
## Beschreibung / Description

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Bollard für Außenbereiche mit LED-Lichtquelle. Erhältlich in drei Höhen. Zylindrisches Gehäuse aus stranggepresstem Aluminium, Kopf aus Aluminiumdruckguss, transparenter und UV-stabilisierter Diffusor aus Polycarbonat. Die in der Haube integrierte Lichtquelle ermöglicht einen radialen und asymmetrischen, auf den Boden gerichteten Lichtaustritt, der mit dem lackierten, konischen Aluminiumreflektor kombiniert werden kann, um die direkte Rückstrahlung nach oben zu begrenzen. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with LED light source. Available in three heights. Cylindrical, extruded aluminium body, die-cast aluminium cap, polycarbonate, transparent and UV-stabilized diffuser. The light source integrated in the cap allows a radial and asymmetrical light emission oriented towards the base, which can be combined to the painted aluminium, conical reflector to contain the direct reflection upwards. Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.

## Zefiro 200



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlussystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 3000K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

### 2700K

Non Dimmable

- FA53201401.A
- FA53201406.A
- FA53201412.A
- FA53201418.A
- FA53201430.A
- FA53201433.A
- 1-10V
- FA53201401-310.A
- FA53201406-310.A
- FA53201412-310.A
- FA53201418-310.A
- FA53201430-310.A
- FA53201433-310.A
- Dali
- FA53201401-300.B
- FA53201406-300.B
- FA53201412-300.B
- FA53201418-300.B
- FA53201430-300.B
- FA53201433-300.B

### 3000K

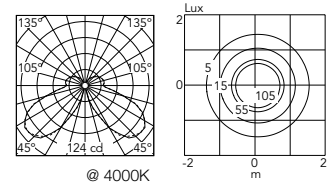
Non Dimmable

- FA53200301.A
- FA53200306.A
- FA53200312.A
- FA53200318.A
- FA53200330.A
- FA53200333.A
- 1-10V
- FA53200301-310.A
- FA53200306-310.A
- FA53200312-310.A
- FA53200318-310.A
- FA53200330-310.A
- FA53200333-310.A
- Dali
- FA53200301-300.B
- FA53200306-300.B
- FA53200312-300.B
- FA53200318-300.B
- FA53200330-300.B
- FA53200333-300.B

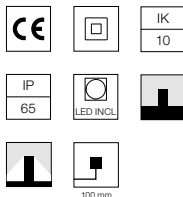
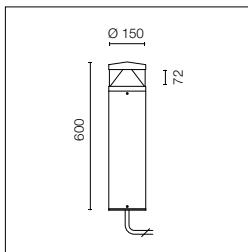
### 4000K

Non Dimmable

- FA53200201.A
- FA53200206.A
- FA53200212.A
- FA53200218.A
- FA53200230.A
- FA53200233.A
- 1-10V
- FA53200201-310.A
- FA53200206-310.A
- FA53200212-310.A
- FA53200218-310.A
- FA53200230-310.A
- FA53200233-310.A
- Dali
- FA53200201-300.B
- FA53200206-300.B
- FA53200212-300.B
- FA53200218-300.B
- FA53200230-300.B
- FA53200233-300.B



## Zefiro 600



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlussystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden. Mid-Night-Version auf Anfrage erhältlich.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately. Mid-Night version available upon request.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

### 2700K

Non Dimmable

- FA53201701.A
- FA53201706.A
- FA53201712.A
- FA53201718.A
- FA53201730.A
- FA53201733.A
- 1-10V
- FA53201701-310.A
- FA53201706-310.A
- FA53201712-310.A
- FA53201718-310.A
- FA53201730-310.A
- FA53201733-310.A
- Dali
- FA53201701-300.B
- FA53201706-300.B
- FA53201712-300.B
- FA53201718-300.B
- FA53201730-300.B
- FA53201733-300.B

### 3000K

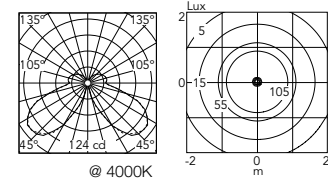
Non Dimmable

- FA53200601.A
- FA53200606.A
- FA53200612.A
- FA53200618.A
- FA53200630.A
- FA53200633.A
- 1-10V
- FA53200601-310.A
- FA53200606-310.A
- FA53200612-310.A
- FA53200618-310.A
- FA53200630-310.A
- FA53200633-310.A
- Dali
- FA53200601-300.B
- FA53200606-300.B
- FA53200612-300.B
- FA53200618-300.B
- FA53200630-300.B
- FA53200633-300.B

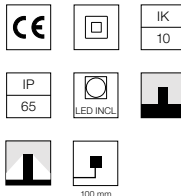
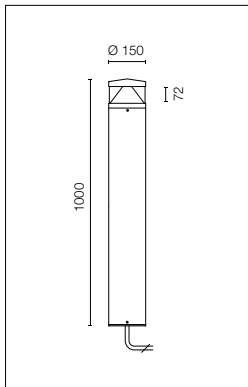
### 4000K

Non Dimmable

- FA53200501.A
- FA53200506.A
- FA53200512.A
- FA53200518.A
- FA53200530.A
- FA53200533.A
- 1-10V
- FA53200501-310.A
- FA53200506-310.A
- FA53200512-310.A
- FA53200518-310.A
- FA53200530-310.A
- FA53200533-310.A
- Dali
- FA53200501-300.B
- FA53200506-300.B
- FA53200512-300.B
- FA53200518-300.B
- FA53200530-300.B
- FA53200533-300.B







Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlusssystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden. Mid-Night-Version auf Anfrage erhältlich.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately. Mid-Night version available upon request.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53202001.A
  - FA53202006.A
  - FA53202012.A
  - FA53202018.A
  - FA53202030.A
  - FA53202033.A
- 1-10V
- FA53202001-310.A
  - FA53202006-310.A
  - FA53202012-310.A
  - FA53202018-310.A
  - FA53202030-310.A
  - FA53202033-310.A
- Dali
- FA53202001-300.B
  - FA53202006-300.B
  - FA53202012-300.B
  - FA53202018-300.B
  - FA53202030-300.B
  - FA53202033-300.B

**3000K**

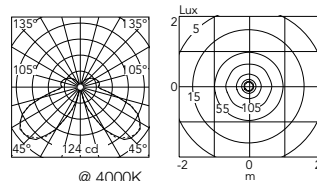
Non Dimmable

- FA53200901.A
  - FA53200906.A
  - FA53200912.A
  - FA53200918.A
  - FA53200930.A
  - FA53200933.A
- 1-10V
- FA53200901-310.A
  - FA53200906-310.A
  - FA53200912-310.A
  - FA53200918-310.A
  - FA53200930-310.A
  - FA53200933-310.A
- Dali
- FA53200901-300.B
  - FA53200906-300.B
  - FA53200912-300.B
  - FA53200918-300.B
  - FA53200930-300.B
  - FA53200933-300.B

**4000K**

Non Dimmable

- FA53200801.A
  - FA53200806.A
  - FA53200812.A
  - FA53200818.A
  - FA53200830.A
  - FA53200833.A
- 1-10V
- FA53200801-310.A
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- Dali
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  - FA53200833-300.B

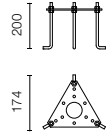


## Zefiro: Zubehörteile / Accessories

Stiftschraubenplatte.

Base plate with bolt.

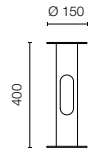
FA21



Hochbeständige Einbaudose zur Installation.

High resistance in-ground box for installation

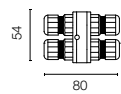
FA185.A



Verbindungssystem, IP68, 3/4-Wege-H<sub>2</sub>O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

3/4 way terminal block 4 poles IP68 H<sub>2</sub>O Stop. (ø5,5÷12mm cable).

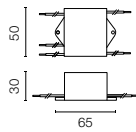
F990C010000



Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000

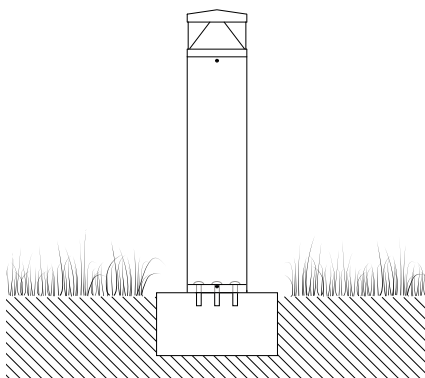


### Richtige Befestigungsmethode

Bollard auf Sockel + Dübel befestigt.

### Correct Fixing Method

Bollard fixed on plinth + plug.

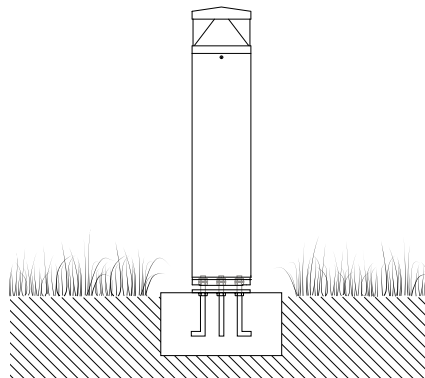


### Richtige Befestigungsmethode

Bollard auf Sockel + Befestigungsbolzen befestigt.

### Correct Fixing Method

Bollard fixed on plinth + fixing bolts.

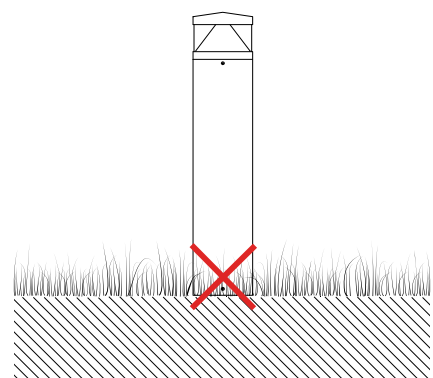


### Falsche Befestigungsmethode

Bollard nicht direkt im Boden befestigen.

### Incorrect Fixing Method

Do not fix the bollard directly on the ground.





**I-Ron**



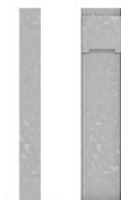




## Familie / Family

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I-Ron



### Power Led

up to 9W

up to 391 lm - 2700K/CRI 80

up to 420 lm - 3000K/CRI 80

up to 448 lm - 4000K/CRI 80

2200K available on request.

## Ausführungen / Colours

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90 Zinc

I-Ron

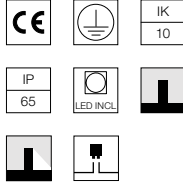
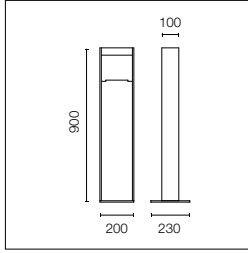


## Beschreibung / Description

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Bollard für Außenbereiche mit feuerverzinkter IPE-Stahlstab-H-Rahmenstruktur für hohe Korrosionsbeständigkeit. Dank ihres einzigartigen Designs kann die Leuchte auch als fester architektonischer Bollard verwendet werden. Die LED-Lichtquelle befindet sich auf der Rückseite der Leuchte und ist durch einen mit Zink überzogenen Kunststoffdiffusor geschützt, der sich am oberen Teil der Leiste befindet. Die elektrischen Komponenten befinden sich auf der Rückseite der Leuchte. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with hot-dip zinc-coated IPE steel bar H-frame structure for high resistance to corrosion. Thanks to its unique design, the fixture can also be used as a fixed architectural bollard. The LED light source is located at the back of the fixture and is protected by a plastic diffuser covered by zinc, which is located on the upper part of the bar. The electric components are located at the back of the luminaire. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit zwei Kabelführungen aus Gummi (8<math>\times</math>13 mm Kabel) für Inlet-Outlet-Anschlüsse. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

LED source included. Integrated electric power supply 220-240V ON/OFF. Equipped with two rubber cable guides (8<math>\times</math>13mm cables) for inlet-outlet connections. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 9W - 1011 lm  $\neq$  OUTPUT 391 lm - 2700K/CRI 80 - 220-240V / 9W - 1087 lm  $\neq$  OUTPUT 420 lm - 3000K/CRI 80 - 220-240V / 9W - 1162 lm  $\neq$  OUTPUT 448 lm - 4000K/CRI 80 - 220-240V

**2700K**

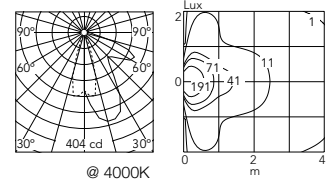
- FA1041060090

**3000K**

- FA1041040090

**4000K**

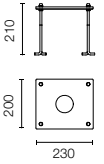
- FA1041970090



Stiftschraubenplatte.

Base plate with bolt.

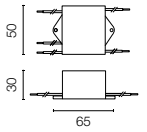
FA109



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10kA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10kA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000

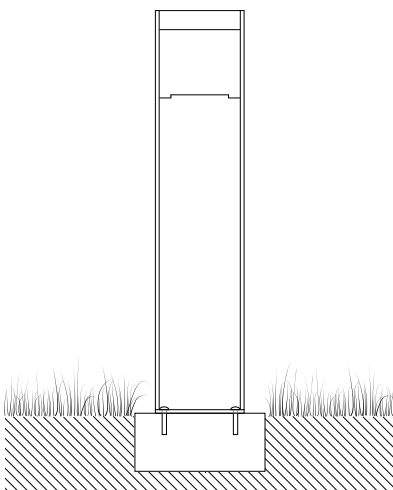


**Richtige Befestigungsmethode**

Bollard auf Sockel + Dübel befestigt.

**Correct Fixing Method**

Bollard fixed on plinth + plug.

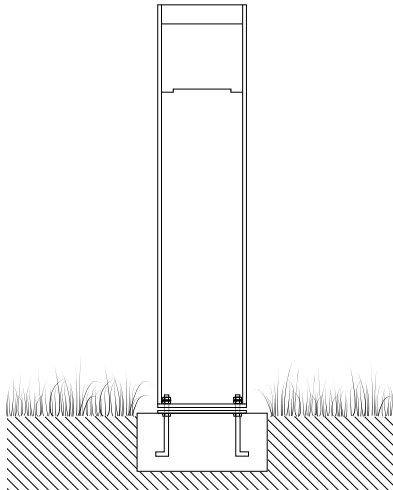


**Richtige Befestigungsmethode**

Bollard auf Sockel +  
Befestigungsbolzen befestigt.

**Correct Fixing Method**

Bollard fixed on plinth + fixing bolts.

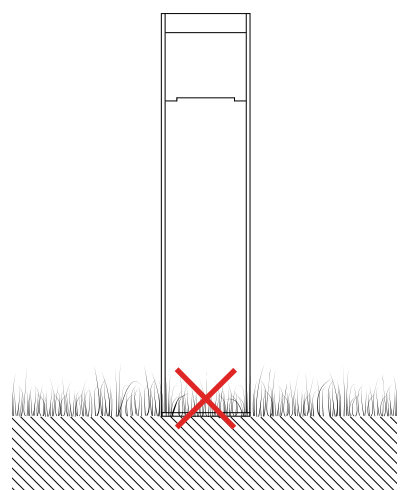


**Falsche Befestigungsmethode**

Bollard nicht direkt im Boden  
befestigen.

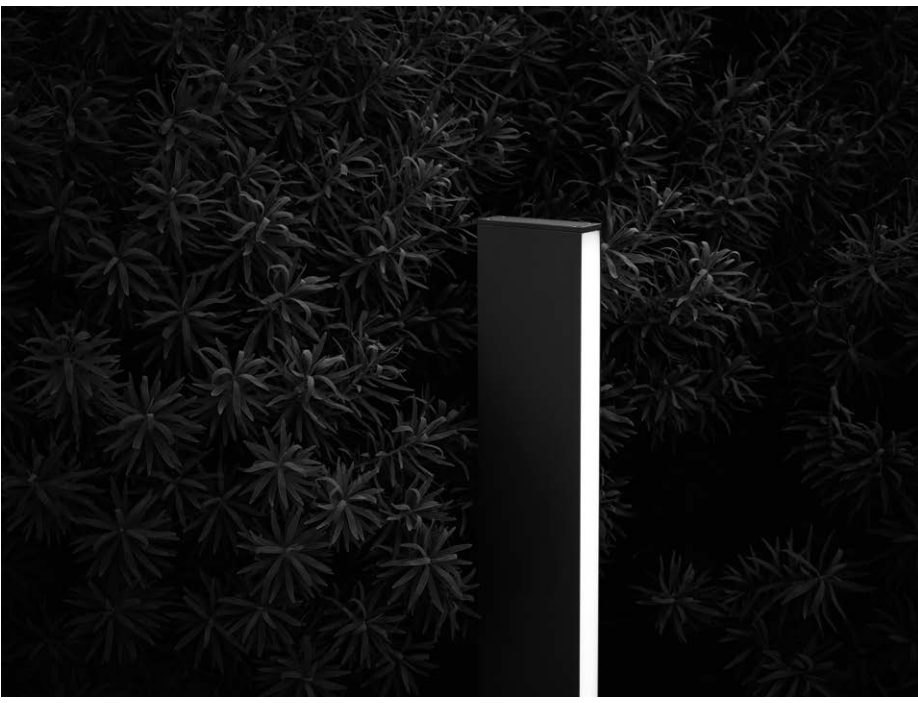
**Incorrect Fixing Method**

Do not fix the bollard directly on the  
ground.



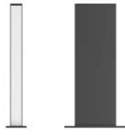
**Talia**







Talia 360



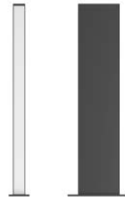
**Low - Power Led**

up to 4W  
up to 73 lm - 2700K/CRI 80  
up to 73 lm - 3000K/CRI 80  
up to 73 lm - 4000K/CRI 80  
\* Net lumen output

**Low - Power Led**

up to 7W  
up to 2x73 lm - 2700K/CRI 80  
up to 2x73 lm - 3000K/CRI 80  
up to 2x73 lm - 4000K/CRI 80  
\* Net lumen output

Talia 560



**Low - Power Led**

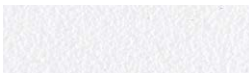
up to 6W  
up to 123 lm - 2700K/CRI 80  
up to 123 lm - 3000K/CRI 80  
up to 123 lm - 4000K/CRI 80  
\* Net lumen output

**Low - Power Led**

up to 11W  
up to 2x123 lm - 2700K/CRI 80  
up to 2x123 lm - 3000K/CRI 80  
up to 2x123 lm - 4000K/CRI 80  
\* Net lumen output

---

**Ausführungen / Colours**



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

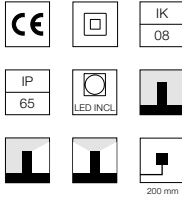
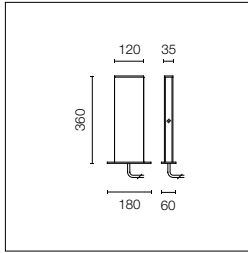


## Beschreibung / Description

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Bollard für Außenbereiche mit LED-Lichtquelle. Erhältlich in zwei Höhen und mit monodirektionalem oder bidirektionalem Lichtaustritt. Gehäuse aus stranggepresstem Aluminium. Deckel aus Aluminiumdruckguss. UV-stabilisierter, opaler Polycarbonat-Diffusor. Das lineare LED-Modul befindet sich in einem versiegelttransparenten Polycarbonatzylinder mit Ausgleichsventil. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with LED light source. Available in two heights and monodirectional or bidirectional light emission. Extruded aluminium body. Die-cast aluminium cap. UV-stabilized, opal polycarbonate diffuser. The linear LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve. Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

LED source included. Integrated electric power supply 220-240V ON/OFF. The luminaire is equipped with a protruding, neoprene, two meter cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Single Emission**

**Power Led:** 4W - 216 lm ≠ OUTPUT 73 lm - 2700K/CRI 80 - 220÷240V / 4W - 216 lm ≠ OUTPUT 73 lm - 3000K / CRI 80 - 220÷240V / 4W - 216 lm ≠ OUTPUT 73 lm - 4000K/CRI 80 - 220÷240V

**2700K**

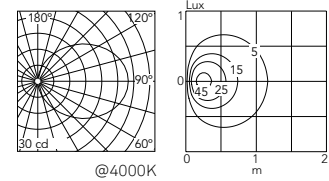
- FA50320601
- FA50320606
- FA50320612
- FA50320618
- FA50320630
- FA50320633

**3000K**

- FA50300601.A
- FA50300606.A
- FA50300612.A
- FA50300618.A
- FA50300630.A
- FA50300633.A

**4000K**

- FA50301101.A
- FA50301106.A
- FA50301112.A
- FA50301118.A
- FA50301130.A
- FA50301133.A



**Double Emission**

**Power Led:** 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 2700K/CRI 80 - 220÷240V / 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 4000K/CRI 80 - 220÷240V / 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 4000K/CRI 80 - 220÷240V

**2700K**

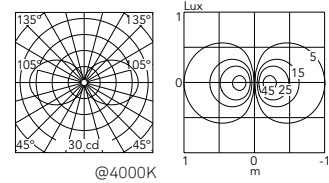
- FA50320801
- FA50320806
- FA50320812
- FA50320818
- FA50320830
- FA50320833

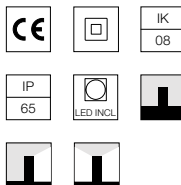
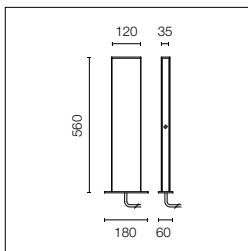
**3000K**

- FA50300801
- FA50300806
- FA50300812
- FA50300818
- FA50300830
- FA50300833

**4000K**

- FA50301201.A
- FA50301206.A
- FA50301212.A
- FA50301218.A
- FA50301230.A
- FA50301233.A





Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

LED source included. Integrated electric power supply 220-240V ON/OFF. The luminaire is equipped with a protruding, neoprene, two meter cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Single Emission**

**Power Led:** 6W - 360 lm ≠ OUTPUT 123 lm - 2700K/CRI 80 - 220÷240V / 6W - 360 lm ≠ OUTPUT 123 lm - 3000K/CRI 80 - 220÷240V / 6W - 360 lm ≠ OUTPUT 123 lm - 4000K/CRI 80 - 220÷240V

**2700K**

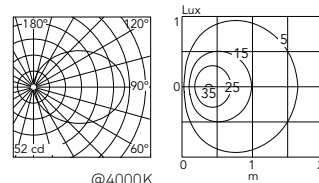
- FA50320201
- FA50320206
- FA50320212
- FA50320218
- FA50320230
- FA50320233

**3000K**

- FA50300201.A
- FA50300206.A
- FA50300212.A
- FA50300218.A
- FA50300230.A
- FA50300233.A

**4000K**

- FA50300901
- FA50300906
- FA50300912
- FA50300918
- FA50300930
- FA50300933



**Double Emission**

**Power Led:** 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 2700K/CRI 80 - 220÷240V / 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 3000K/CRI 80 - 220÷240V / 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 4000K/CRI 80 - 220÷240V

**2700K**

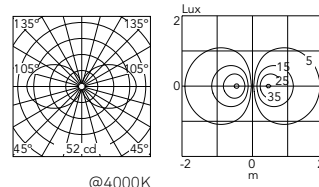
- FA50320401
- FA50320406
- FA50320412
- FA50320418
- FA50320430
- FA50320433

**3000K**


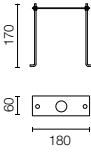

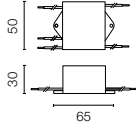

- FA50300401.A
- FA50300406.A
- FA50300412.A
- FA50300418.A
- FA50300430.A
- FA50300433.A

**4000K**

- FA50301001.A
- FA50301006.A
- FA50301012.A
- FA50301018.A
- FA50301030.A
- FA50301033.A



## Talia: Zubehörteile / Accessories

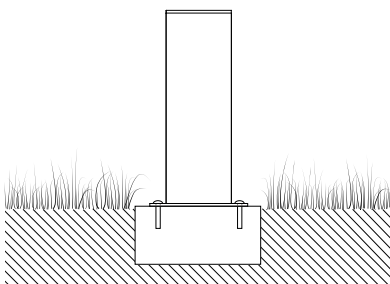
Stiftschraubenplatte.	Base plate with bolt.	FA139		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		
2-Wege-Klemmleiste 4-polig IP68. (ø7÷12mm Kabel).	2 way terminal block 4 poles IP68. (ø7÷12mm cable).	F990C040000		

### Richtige Befestigungsmethode

Bollard auf Sockel + Dübel befestigt.

### Correct Fixing Method

Bollard fixed on plinth + plug.

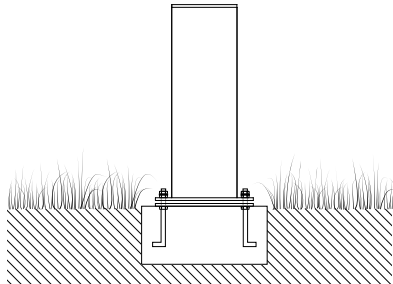


### Richtige Befestigungsmethode

Bollard auf Sockel +  
Befestigungsbolzen befestigt.

### Correct Fixing Method

Bollard fixed on plinth + fixing bolts.

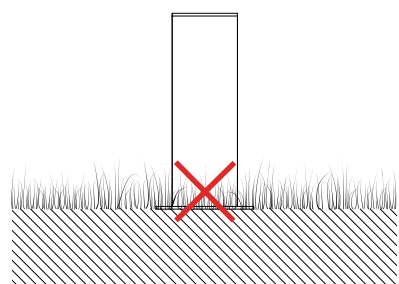


### Falsche Befestigungsmethode

Bollard nicht direkt im Boden  
befestigen.

### Incorrect Fixing Method

Do not fix the bollard directly on the  
ground.





## **Real Matter**

Designed by Piero Lissoni





Real Matter





## Familie / Family

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Real Matter



### Low - Power Led

3W

71 lm - 2700K/CRI 80

82 lm - 3000K/CRI 80

2200K available on request.

## Ausführungen / Colours

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44 Brushed Gold



47 Brushed Bronze



55 Brushed Stainless  
Steel



66 Polished Copper

## Beschreibung / Description

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Gerät für den Außenbereich für die Wandeinbaumontage mit LED-Stromquelle.

Körper aus Edelstahl AISI 316L, der mit dem PVD-Verfahren behandelt wurde (physikalische Beschichtung aus der Dampfphase). Dank dieser innovativen Behandlung werden die Oberflächen von Real Matter nach dem Politur- und Bürstverfahren entsprechend der gewählten Feinbearbeitung mit einem dünnen Film aus Metallen wie Zirkonium oder Titan bedeckt, der in Kombination mit dem Stahl auf Molekularebene die Widerstandsfähigkeit gegenüber mechanischen und witterungsbedingten Einflüssen verbessert.

Diffusor aus Polycarbonat, UV-beständig.

Das Gerät wird mit zwei 200 mm langen Ausgangsstromkabeln und einer Ausrüstung für einen dichten Anschluss IP bereitgestellt. Hierbei muss ein Einbaugehäuse verwendet werden, das separat zu bestellen ist.

Die 24V-Stromversorgung kann entfernt installiert oder auf der Rückseite der Leuchte in der Box zur Installation untergebracht werden.

3 Produktversionen abhängig vom Montagetyp verfügbar:

- in Mauerwerk oder Beton mit entsprechendem Einbaugehäuse.
- in Gipskartonwand mit entsprechenden Federn.
- in Mauerwerk oder Beton ohne Einbaugehäuse: das Gerät wird direkt auf der Oberfläche angeklebt.

Luminaire for outdoor use for built-in installation on the wall with LED light source.

Body made of stainless steel AISI 316L treated with the PVD process (Physical Vapour Deposition). Thanks to this innovative treatment, after the polishing or brushing process, according to the finishing choice, the surfaces of Real Matter are coated with a thin film of metals such as zirconium and titanium which, combining with the steel at the molecular level, increase the characteristics of resistance to both mechanical and to atmospheric agents, allowing the realization of elegant and durable finishings.

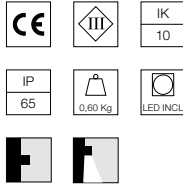
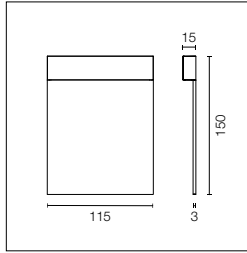
UV-stabilized polycarbonate diffuser.

The luminaire is provided with two L 200 mm length outgoing power cables and with a kit for the hermetic IP connection. It is necessary to use an installation box, to be ordered separately.

24V power supply may be installed remotely or housed at the back of the luminaire in the box for installation.

3 version available select the model suitable for your type of installation:

- in concrete surface with recessed box to.
- in plasterboard surface supplied with springs.
- on solid surface no recessed box needed, the fixtures is directly glued on the surface.



Externe Stromversorgung 24 V muss separat bestellt werden. Das Gerät wird mit zwei Stromkabeln (200 mm) und einem IP-Anschlusskit geliefert. Produkt in 3 Versionen verfügbar (wählen Sie den für Ihren Installationstyp geeigneten Code):

- in Mauerwerk oder Beton mit entsprechendem Einbaugehäuse, das separat zu bestellen ist.
- in Gipskartonwand mit entsprechenden, im Lieferumfang enthaltenen Federn (Zwischenwandstärke: min. 5 mm, max. 20 mm).
- in Mauerwerk oder Beton ohne Einbaugehäuse: das Gerät wird direkt auf der Oberfläche angeklebt (die Art des Klebers ist vom Installateur basierend auf dem Oberflächenmaterial auszuwählen).

Remote power supply 24V to be separately ordered. The fixture is prewired with 200mm cable and an IP connection kit. 3 version available (select the model suitable for your type of installation):

- in concrete surface with recessed box to be ordered separately.
- in plasterboard surface (surface thickness min 5mm-max20mm) model supplied with springs.
- on solid surface no recessed box needed, the fixtures is directly glued on the surface (type of gluing to be select by the operator based on the type of surface).

2200K auf Anfrage erhältlich.

2200K available on request.

**Low-Power Led:** 3W - 180 lm ≠ FIXT 71 lm - 2700K/CRI 80 - 24V / 3W - 200 lm ≠ FIXT 82 lm - 3000K/CRI 80 - 24V

**2700K**

Einbau in Mauerwerk mit Einbaugehäuse/  
Installation in masonry with box for installation

- F5960044
- F5960047
- F5960055
- F5960066

**3000K**

- F5961044
- F5961047
- F5961055
- F5961066

Einbau in Gipskartonplattenwand (min 5mm - max 20mm)/  
Installation in plasterboard wall

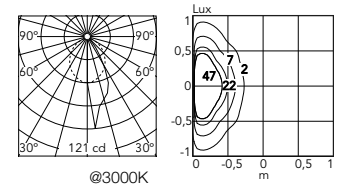
- F5980044
- F5980047
- F5980055
- F5980066

- F5981044
- F5981047
- F5981055
- F5981066

Einbau in Mauerwerk ohne Einbaugehäuse/  
Installation in masonry without box for installation

- F5970044
- F5970047
- F5970055
- F5970066

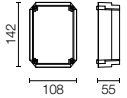
- F5971044
- F5971047
- F5971055
- F5971066



Installationsgehäuse für Mauerwerk oder Betonwand.

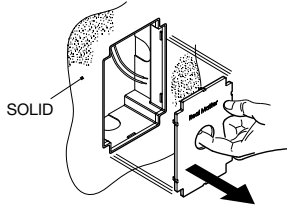
Box for installation for masonry or concrete wall.

F5962000



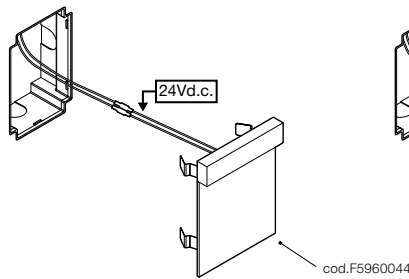
Einbau in Mauerwerk mit Einbaugehäuse / Installation in Masonry with Box for Installation

einbaugehäuse mit Montagefläche bündig flush with the installation surface

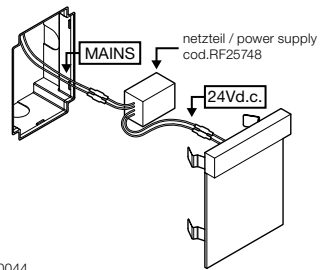


einbaugehäuse / box for installation cod.F5962000

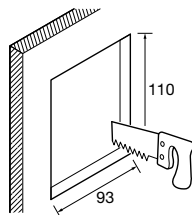
verkabelung mit externer Stromversorgung wiring with remote power supply



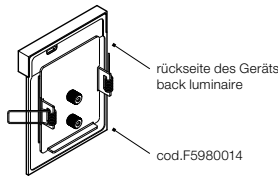
optional / optional verkabelung mit Netzteil / wiring with power supply cod.RF25748



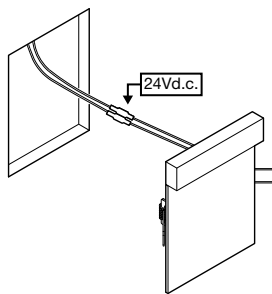
Einbau in Gipskartonplattenwand / Installation in Plasterboard Wall



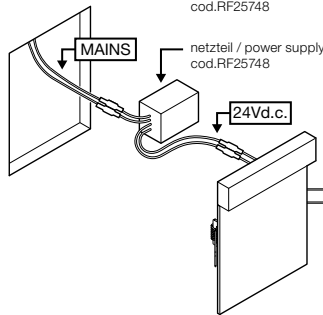
min 5 - max 20



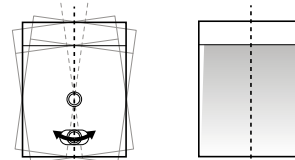
verkabelung mit externer Stromversorgung wiring with remote power supply



optional / optional verkabelung mit Netzteil / wiring with power supply cod.RF25748

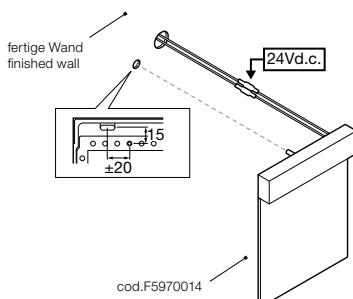


richtige Positionierung der Abdeckung cover correct positioning

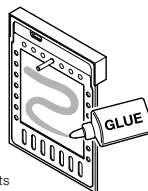


einstellbar / adjustable

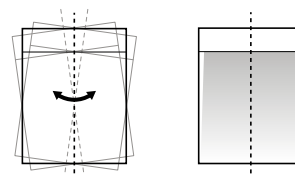
Einbau in Mauerwerk ohne Einbaugehäuse / Installation in Masonry without Box for Installation



rückseite des Geräts back luminaire


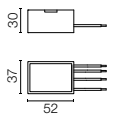

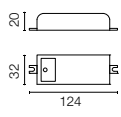

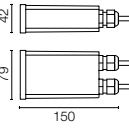

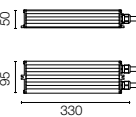

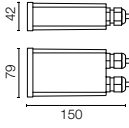

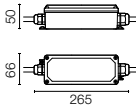

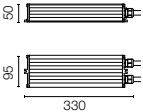


richtige Positionierung der Abdeckung cover correct positioning



einstellbar / adjustable

## Real Matter: Treiber / Drivers

Netzgerät für 24Vdc 8W / 110-240V IP65 Klasse II selv.	Power supply 24Vdc 8W / 110-240V IP65 Class II selv.	*RF25748		
Kann in Einbaugehäuse F5962000 untergebracht werden.	It can be housed in installation box F5962000.			
Netzgerät für den Feinbau 24Vdc 10W / 110-240V IP20 Klasse II selv.	Power supply for remote installation 24Vdc 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät für den Feinbau 24Vdc 20W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	*RF25752		
Netzgerät für den Feinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	*F990B23AZ00		
Netzgerät für den Feinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Feinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv.	*F990B29A000		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

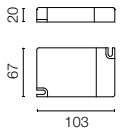
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.	Acc.	RF25748	2
		Acc.	RF25747	3
		Acc.	RF25757	3
		Acc.	RF25752	5
		Acc.	F990B23AZ00	9
		Acc.	F990B28A000	13
		Acc.	F990B27A000	19
		Acc.	F990B29A000	27

## Real Matter: Treiber / Drivers

Netzgerät für den Ferneinbau  
24Vdc 17W /N110-240V  
(15W@110V) IP20 Klasse II  
selv.

Power supply for remote  
installation 24Vdc 17W /  
110-240V (15W@110V) IP20  
Class II selv.

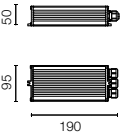
\*RF25750  
Dimmable 1-10V



Netzgerät für den Ferneinbau  
24Vdc 20W / 110-240Vdc  
(15W@110V) IP67 Klasse II  
selv.

Power supply for remote  
installation 24Vdc 20W /  
110-240Vdc (15W@110V) IP67  
Class II selv.

\*RF26387.A  
Dimmable DALI



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro  
Stromversorgung (220÷240  
V). Diese Angaben müssen  
unter Berücksichtigung der  
spezifischen Installationsbed-  
ingungen überprüft werden.

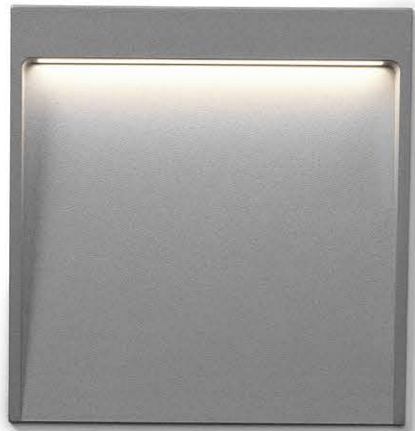
Maximum number of  
luminaires per power supply.  
(220÷240 V). These data must  
be checked taking into ac-  
count the specific installation  
conditions.

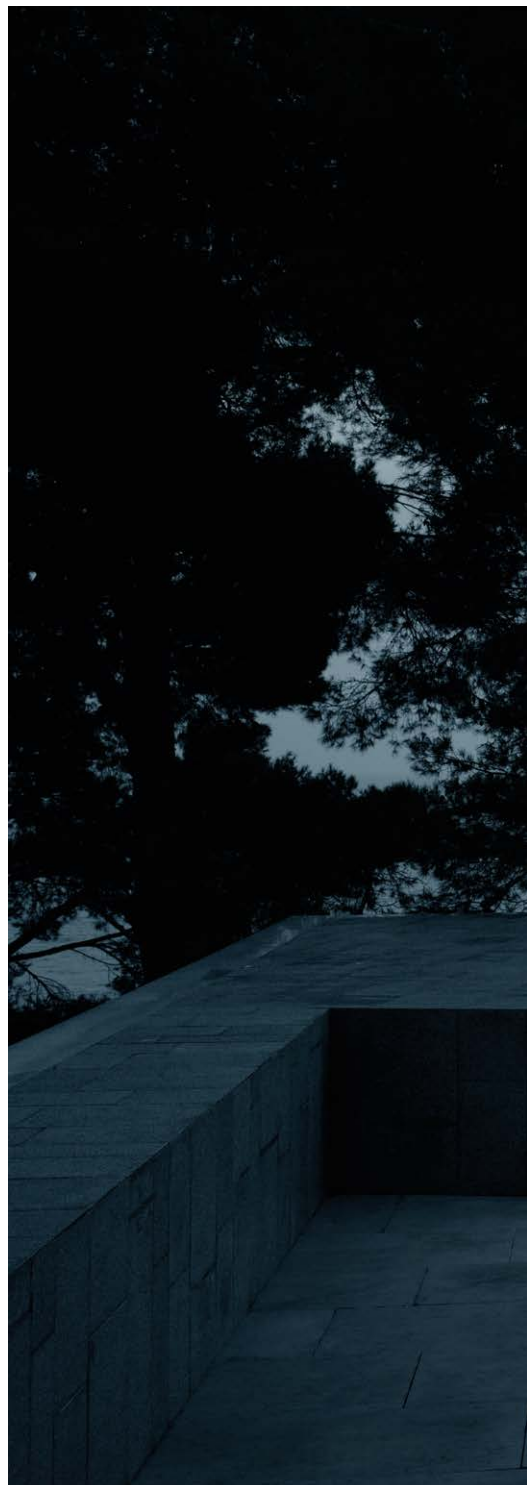
Acc. RF25750	4
Acc. RF26387.A	5

**My Way**

Designed by Piero Lissoni









## Familie / Family

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My Way 110 x 100



**Mid - Power Led**

5W

188 lm - 2700K/CRI 80

211 lm - 3000K/CRI 80

221 lm - 4000K/CRI 80

My Way 110 x 200



**Mid - Power Led**

13W

657 lm - 2700K/CRI 80

763 lm - 3000K/CRI 80

801 lm - 4000K/CRI 80

My Way 210 x 200



**Mid - Power Led**

13W

669 lm - 2700K/CRI 80

777 lm - 3000K/CRI 80

817 lm - 4000K/CRI 80

## Ausführungen / Colours

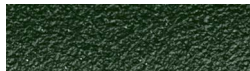
---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

## Beschreibung / Description

---

Gerät für den Außenbereich für die Wandeinbaumontage mit LED-Stromquelle.

Druckgegossener Aluminiumkörper EN AB-47100 (kupferarm).

Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.

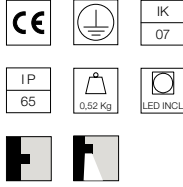
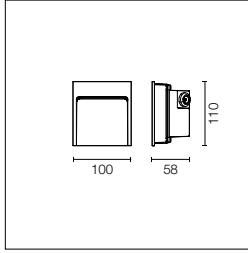
Diffusor aus satiniertem Polycarbonat, UV-beständig, mit dem Kopf des Produkts festgeklebt, um die Wasserfestigkeit zu gewährleisten.

Luminaire for outdoor use for built-in installation on the wall with LED light source.

Aluminum die-cast body EN AB-47100 (low copper content). High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.

The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation. Frosted polycarbonate diffuser, UV-stabilised, glued to the head of the product to ensure a watertight seal.

## My Way 110x100



Stromquelle 110/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlusssystem ausgestattet.  
Dimmbare Version auf Anfrage.

Integrated 110/240V power supply. Supplied with a 120 mm length outgoing neoprene cable and IP67 cable connection system.  
Dimmable version on request.

**Mid-Power Led:** 5W - 421 lm ≠ FIXT 188 lm - 2700K/CRI 80 - 100-240V / 5W - 490 lm ≠ FIXT 211 lm - 3000K/CRI 80 - 100-240V / 5W - 514 lm ≠ FIXT 221 lm - 4000K/CRI 80 - 100-240V

### 2700K

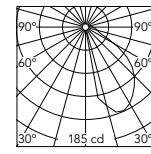
- F4350001
- F4350006
- F4350012
- F4350018
- F4350030
- F4350033

### 3000K

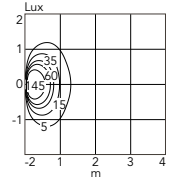
- F4351001
- F4351006
- F4351012
- F4351018
- F4351030
- F4351033

### 4000K

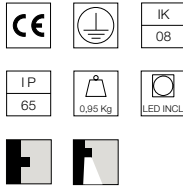
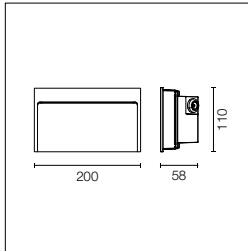
- F4352001
- F4352006
- F4352012
- F4352018
- F4352030
- F4352033



@4000K



## My Way 110x200



Stromquelle 220/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlusssystem ausgestattet.

Integrated 220/240V power supply. Supplied with a 120 mm length outgoing neoprene cable and IP67 cable connection system.

**Mid-Power Led:** 13W - 1357 lm ≠ FIXT 657 lm - 2700K/CRI 80 - 220-240V / 13W - 1577 lm ≠ FIXT 763 lm - 3000K/CRI 80 - 220-240V / 13W - 1656 lm ≠ FIXT 801 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F4353001
- F4353006
- F4353012
- F4353018
- F4353030
- F4353033

1-10V

- F4353001-310
- F4353006-310
- F4353012-310
- F4353018-310
- F4353030-310
- F4353033-310

Dali

- F4353001-300
- F4353006-300
- F4353012-300
- F4353018-300
- F4353030-300
- F4353033-300

### 3000K

Non Dimmable

- F4354001
- F4354006
- F4354012
- F4354018
- F4354030
- F4354033

1-10V

- F4354001-310
- F4354006-310
- F4354012-310
- F4354018-310
- F4354030-310
- F4354033-310

Dali

- F4354001-300
- F4354006-300
- F4354012-300
- F4354018-300
- F4354030-300
- F4354033-300

### 4000K

Non Dimmable

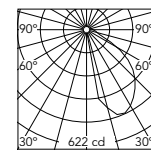
- F4355001
- F4355006
- F4355012
- F4355018
- F4355030
- F4355033

1-10V

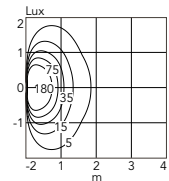
- F4355001-310
- F4355006-310
- F4355012-310
- F4355018-310
- F4355030-310
- F4355033-310

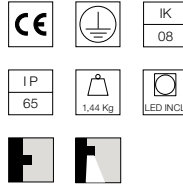
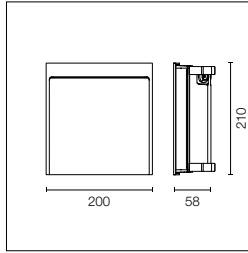
Dali

- F4355001-300
- F4355006-300
- F4355012-300
- F4355018-300
- F4355030-300
- F4355033-300



400mm @4000K





Stromquelle 220/240 V integriert. Mit einer doppelten Kabelverschraubung aus Kunststoffmaterial mit Kabelquerschnitten von 7,5 <  $\phi$  < 9,5 mm ausgestattet.

Integrated 220/240V power supply. Supplied with a double length in plastic material for 7.5< $\phi$ <9.5 mm section cables.

**Mid-Power Led:** 13W - 1357 lm  $\neq$  FIXT 669 lm - 2700K/CRI 80 - 220-240V / 13W - 1577 lm  $\neq$  FIXT 777 lm - 3000K/CRI 80 - 220-240V / 13W - 1656 lm  $\neq$  FIXT 817 lm - 4000K/CRI 80 - 220-240V

**2700K**

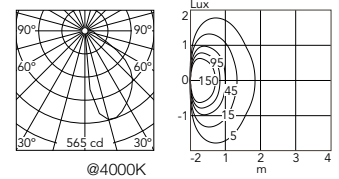
- Non Dimmable
- F4356001
- F4356006
- F4356012
- F4356018
- F4356030
- F4356033
- 1-10V
- F4356001-310
- F4356006-310
- F4356012-310
- F4356018-310
- F4356030-310
- F4356033-310
- Dali
- F4356001-300
- F4356006-300
- F4356012-300
- F4356018-300
- F4356030-300
- F4356033-300

**3000K**

- Non Dimmable
- F4357001
- F4357006
- F4357012
- F4357018
- F4357030
- F4357033
- 1-10V
- F4357001-310
- F4357006-310
- F4357012-310
- F4357018-310
- F4357030-310
- F4357033-310
- Dali
- F4357001-300
- F4357006-300
- F4357012-300
- F4357018-300
- F4357030-300
- F4357033-300

**4000K**

- Non Dimmable
- F4358001
- F4358006
- F4358012
- F4358018
- F4358030
- F4358033
- 1-10V
- F4358001-310
- F4358006-310
- F4358012-310
- F4358018-310
- F4358030-310
- F4358033-310
- Dali
- F4358001-300
- F4358006-300
- F4358012-300
- F4358018-300
- F4358030-300
- F4358033-300



**My Way: Zubehörteile / Accessories**

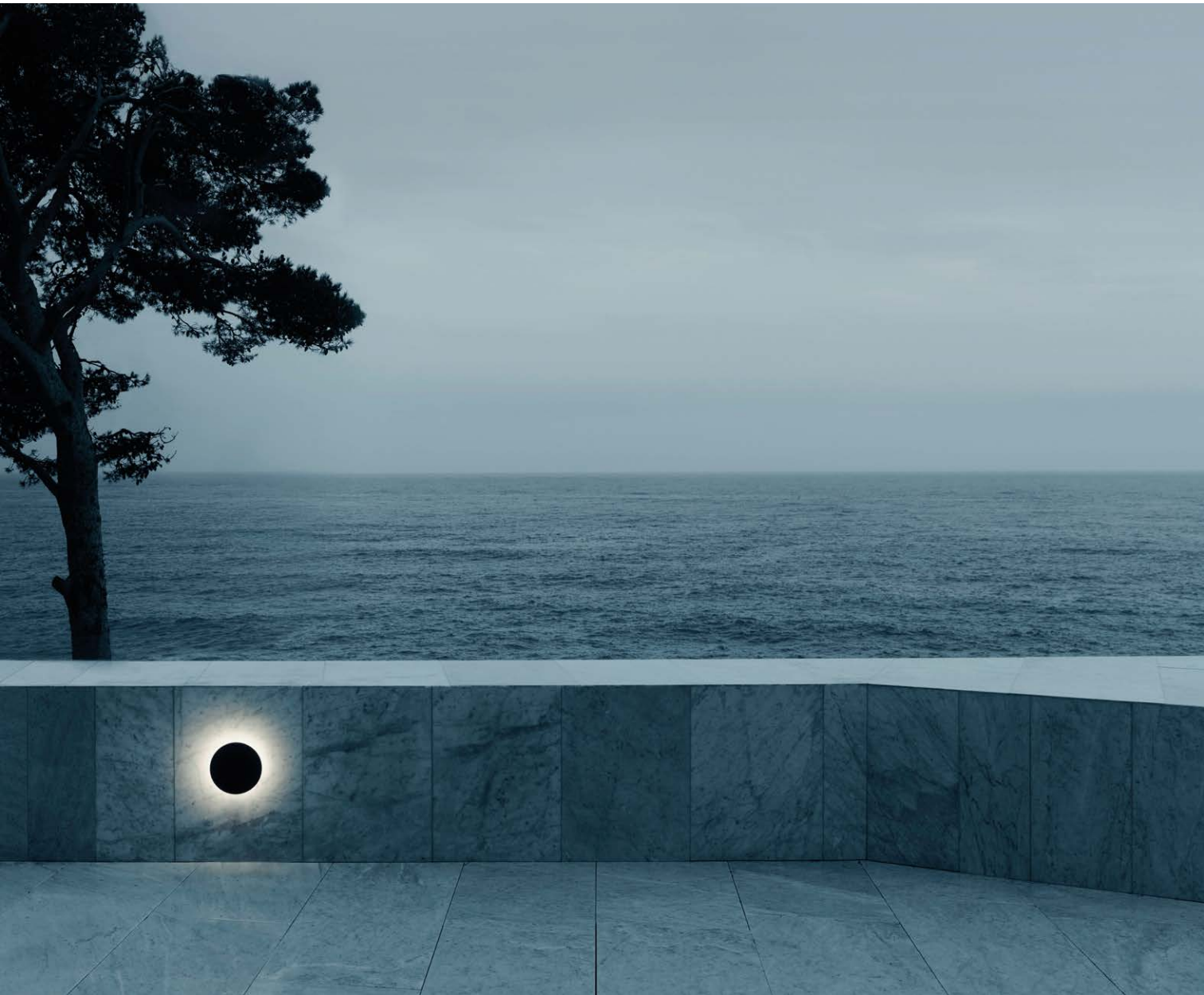
Einbaugehäuse.	Box for installation.	My Way 100x110 F4301000		
Einbaugehäuse.	Box for installation.	My Way 200x110 F4302000		
Einbaugehäuse.	Box for installation.	My Way 200x210 F4303000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C00A000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

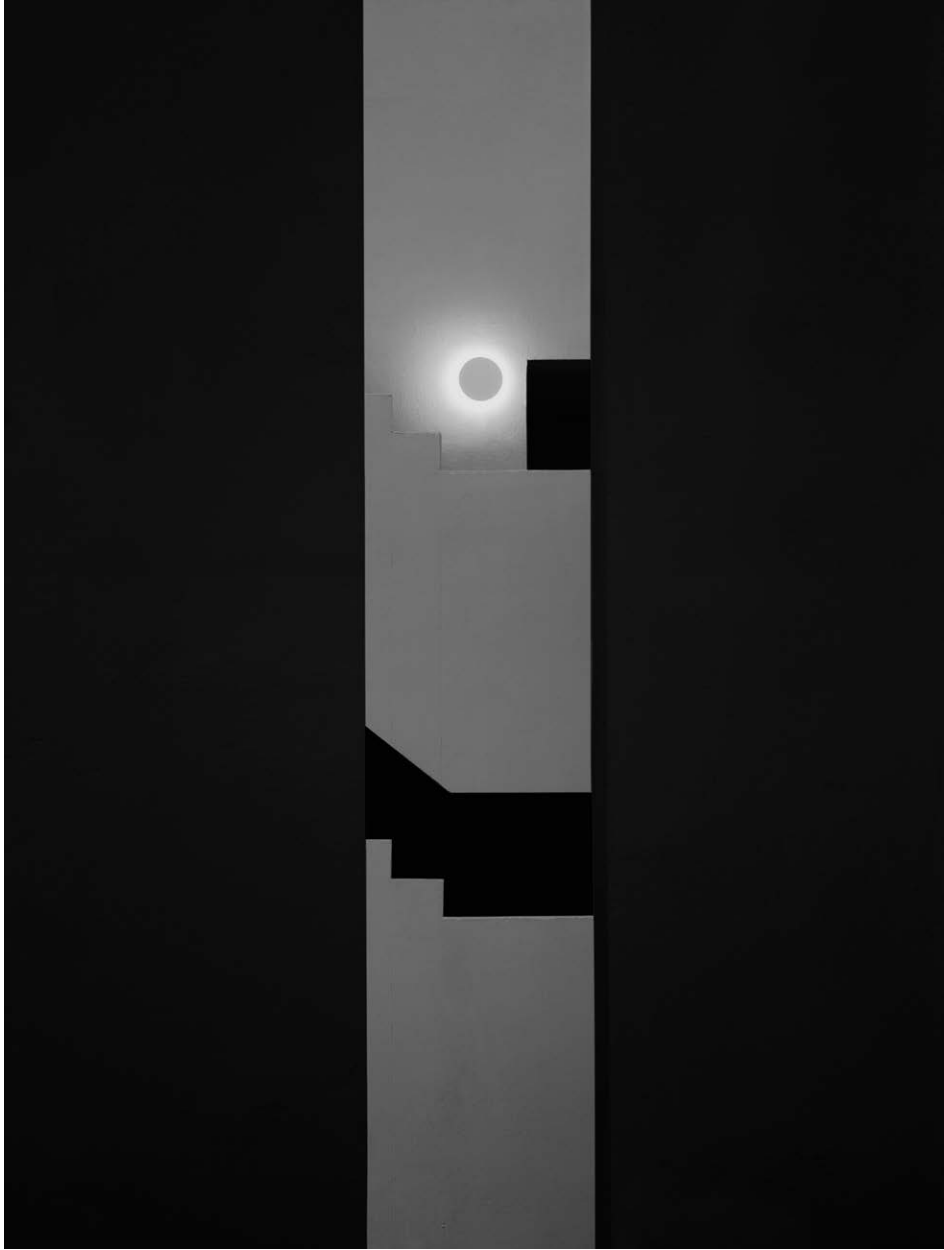
# Camouflage

Designed by Piero Lissoni









Camouflage

## Familie / Family

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Camouflage 140



### Mid - Power Led

8W

474 lm - 2700K/CRI 80

551 lm - 3000K/CRI 80

579 lm - 4000K/CRI 80

Camouflage 240



### Mid - Power Led

12W

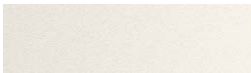
773 lm - 2700K/CRI 80

898 lm - 3000K/CRI 80

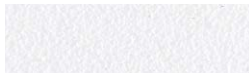
944 lm - 4000K/CRI 80

## Ausführungen / Colours

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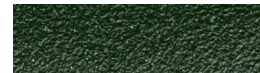
00 Primer



01 White



06 Grey



12 Forest Green



18 Deep Brown

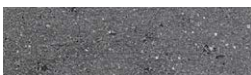


30 Black



33 Anthracite

### Camouflage Stone



87 Basaltina Stone



89 Concrete



90 Crema d'Orcia Stone

Produktkollektion für den Außenbereich, für die Wandmontage mit LED-Lichtquelle. Kühlkörper aus Aluminium mit Diffusor aus transparentem Polycarbonat.

Die Feinbearbeitungen Stein Crema d'Orcia und Basaltina-Stein werden hergestellt, indem eine Steinscheibe, die mittels mechanischer Verarbeitung aus einem einzigen Stück gefertigt wird, durch einen äußerst beständigen Klebstoff befestigt wird.

Die Betonfeinbearbeitung wird realisiert, indem ein Einkomponenten-Klebstoff mit hoher Widerstandsfähigkeit mit einer Scheibe befestigt wird, die aus Gussbeton hergestellt und mit Glasfaser verstärkt wird. Die Grundierungsversion wird nach der Montage mit gewöhnlichen Farbgebungen auf Wasserbasis lackiert (Tempera, Stuckarbeiten, Lacke auf Wasserbasis), um die beste Homogenität mit der Architektur zu erzielen. Die Versionen aus Aluminium werden mit einer äußerst beständigen Beschichtung veredelt: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten. Nach vorheriger kommerzieller und technischer Beurteilung können auf Anfrage personalisierte Versionen mit anderen Materialien umgesetzt werden.

Collection of products for outdoor use, for wall installation with LED light source

Dissipating aluminum body with diffuser in transparent polycarbonate.

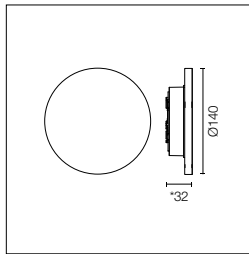
The Crema d'Orcia and Basaltina stone finishes are made by fastening high-strength, high-resistance adhesive to a stone plate created by means of mechanical machining from a solid block.

The concrete finishing is made by fastening a poured cement plate reinforced with fiberglass using a single component high strength, high-resistance adhesive. The Primer version is painted after installation with normal water-based colors (tempera, stucco, water-based paints) to ensure maximum uniformity with the architecture.

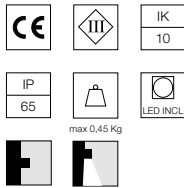
The aluminum versions are finished with a high-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.

The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation. Upon commercial and technical evaluation, it is possible to create customized versions with other materials on request.

## Camouflage 140



\*Concrete, crema d'orcio, basaltina H = 35 mm.



24V Fernspeisung ist separat zu bestellen. Umfasst ein 100-mm-Stromkabel. Der Treiber kann ferninstalliert werden (Einbauehäuse nicht notwendig) oder an der Rückseite des Geräts durch ein optionales Einbauehäuse untergebracht werden.

24V remote power supply to be ordered separately. Includes power cable of 100 mm. The power supply can be installed remotely (installation box not required) or housed at the back of the luminaire in the optional installation box.

**Mid-Power Led:** 8W - 786 lm ≠ FIXT 474 lm - 2700K/CRI 80 - 24V / 8W - 913 lm ≠ FIXT 551 lm - 3000K/CRI 80 - 24V / 8W - 960 lm ≠ FIXT 579 lm - 4000K/CRI 80 - 24V

### 2700K

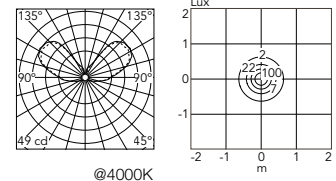
- F1310000
- F1310001
- F1310006
- F1310012
- F1310018
- F1310030
- F1310033
- F1310087
- F1310089
- F1310090

### 3000K

- F1311000
- F1311001
- F1311006
- F1311012
- F1311018
- F1311030
- F1311033
- F1311087
- F1311089
- F1311090

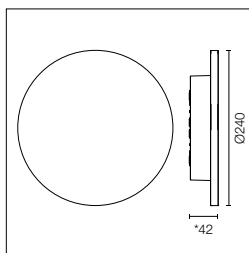
### 4000K

- F1312000
- F1312001
- F1312006
- F1312012
- F1312018
- F1312030
- F1312033
- F1312087
- F1312089
- F1312090

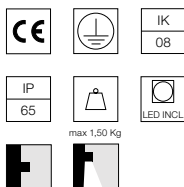


Dimmable 1-10V with code RF25750  
Dimmable Dali with code RF26387.A

## Camouflage 240



\*Concrete, crema d'orcio, basaltina H = 48 mm.



Stromquelle 220/240V integriert. Mit einem 1.000-mm-Ausgangskabelteil aus Neopren ausgestattet. 110-V-Version auf Anfrage.

Integrated 220/240V power supply. Supplied with a 1000 mm length outgoing neoprene cable. Version 110V upon request.

**Mid-Power Led:** 12W - 1281 lm ≠ FIXT 773 lm - 2700K/CRI 80 - 220-240V / 12W - 1488 lm ≠ FIXT 898 lm - 3000K/CRI 80 - 220-240V / 12W - 1563 lm ≠ FIXT 944 lm - 4000K/CRI 80 - 220-240V

### 2700K

Non Dimmable

- F1315000
- F1315001
- F1315006
- F1315012
- F1315018
- F1315030
- F1315033
- F1315087
- F1315089
- F1315090
- 1-10V
- F1315000-310
- F1315001-310
- F1315006-310
- F1315012-310
- F1315018-310
- F1315030-310
- F1315033-310
- F1315087-310
- F1315089-310
- F1315090-310
- Dali
- F1315000-300
- F1315001-300
- F1315006-300
- F1315012-300
- F1315018-300
- F1315030-300
- F1315033-300
- F1315087-300
- F1315089-300
- F1315090-300

### 3000K

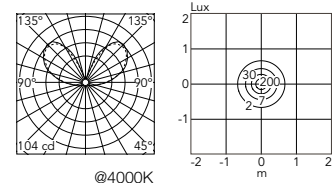
Non Dimmable

- F1316000
- F1316001
- F1316006
- F1316012
- F1316018
- F1316030
- F1316033
- F1316087
- F1316089
- F1316090
- 1-10V
- F1316000-310
- F1316001-310
- F1316006-310
- F1316012-310
- F1316018-310
- F1316030-310
- F1316033-310
- F1316087-310
- F1316089-310
- F1316090-310
- Dali
- F1316000-300
- F1316001-300
- F1316006-300
- F1316012-300
- F1316018-300
- F1316030-300
- F1316033-300
- F1316087-300
- F1316089-300
- F1316090-300

### 4000K

Non Dimmable

- F1317000
- F1317001
- F1317006
- F1317012
- F1317018
- F1317030
- F1317033
- F1317087
- F1317089
- F1317090
- 1-10V
- F1317000-310
- F1317001-310
- F1317006-310
- F1317012-310
- F1317018-310
- F1317030-310
- F1317033-310
- F1317087-310
- F1317089-310
- F1317090-310
- Dali
- F1317000-300
- F1317001-300
- F1317006-300
- F1317012-300
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- F1317033-300
- F1317087-300
- F1317089-300
- F1317090-300

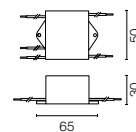


## Camouflage 140: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

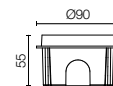
F990E00A000



Einbaugehäuse.

Box for installation.

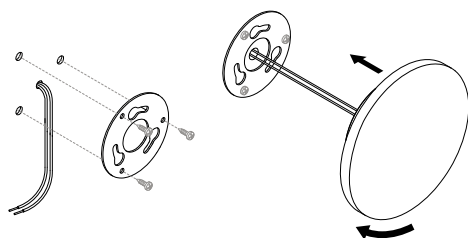
F1318000



## Wandmontage / Installation on Wall

Option 1

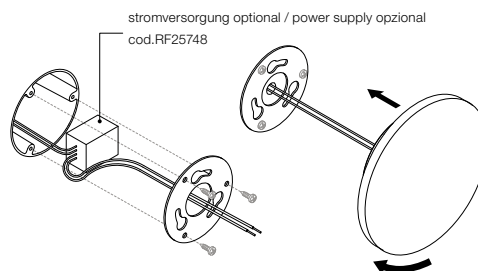
Ohne Einbaugehäuse / Surface installation



externe Stromversorgung 24 Vdc  
remote power supply 24Vdc

Option 2


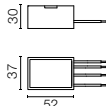

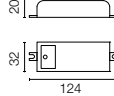

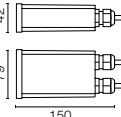

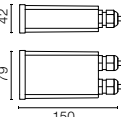

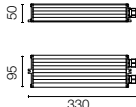

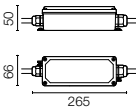

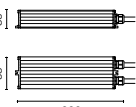


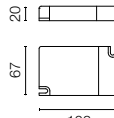


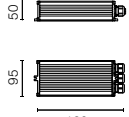
Mit Einbaugehäuse / Recessed box installation



einbaugehäuse mit der Wand bündig  
flush with the installation surface

einbaugehäuse / instllation box  
cod.F1318000

## Camouflage: Treiber / Drivers

Netzgerät für den Feinbau 24Vdc 8W 110-240V IP65 Klasse II selv.	Power supply for remote installation 24Vdc 8W / 110- 240V IP65 Class II selv.	*RF25748		
Kann in Einbaugeschäse F1318000 untergebracht werden.	It can be housed in installation box F1318000.			
Netzgerät für den Feinbau 24Vdc 10W / 110-240V IP20 Klasse II selv.	Power supply for remote installation 24Vdc 10W / 110- 240V IP20 Class II selv.	*RF25747		
Netzgerät für den Feinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	*RF25752		
Netzgerät 24Vdc 35W / 120- 270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	*F990B23AZ00		
Netzgerät für den Feinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Feinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220- 240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Feinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 96W / 120- 240V IP67 Class II selv.	*F990B29A000		
Netzgerät für den Feinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	*RF25750  Dimmable 1-10V		
Netzgerät für den Feinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	*RF26387.A  Dimmable DALI		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220±240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.	Acc. RF25748	1	Acc. F990B28A000	5
		Acc. RF25747	1	Acc. F990B27A000	7
		Acc. RF25757	1	Acc. F990B29A000	9
		Acc. RF25752	2	Acc. RF25750	2
		Acc. F990B23AZ00	3	Acc. RF26387.A	2



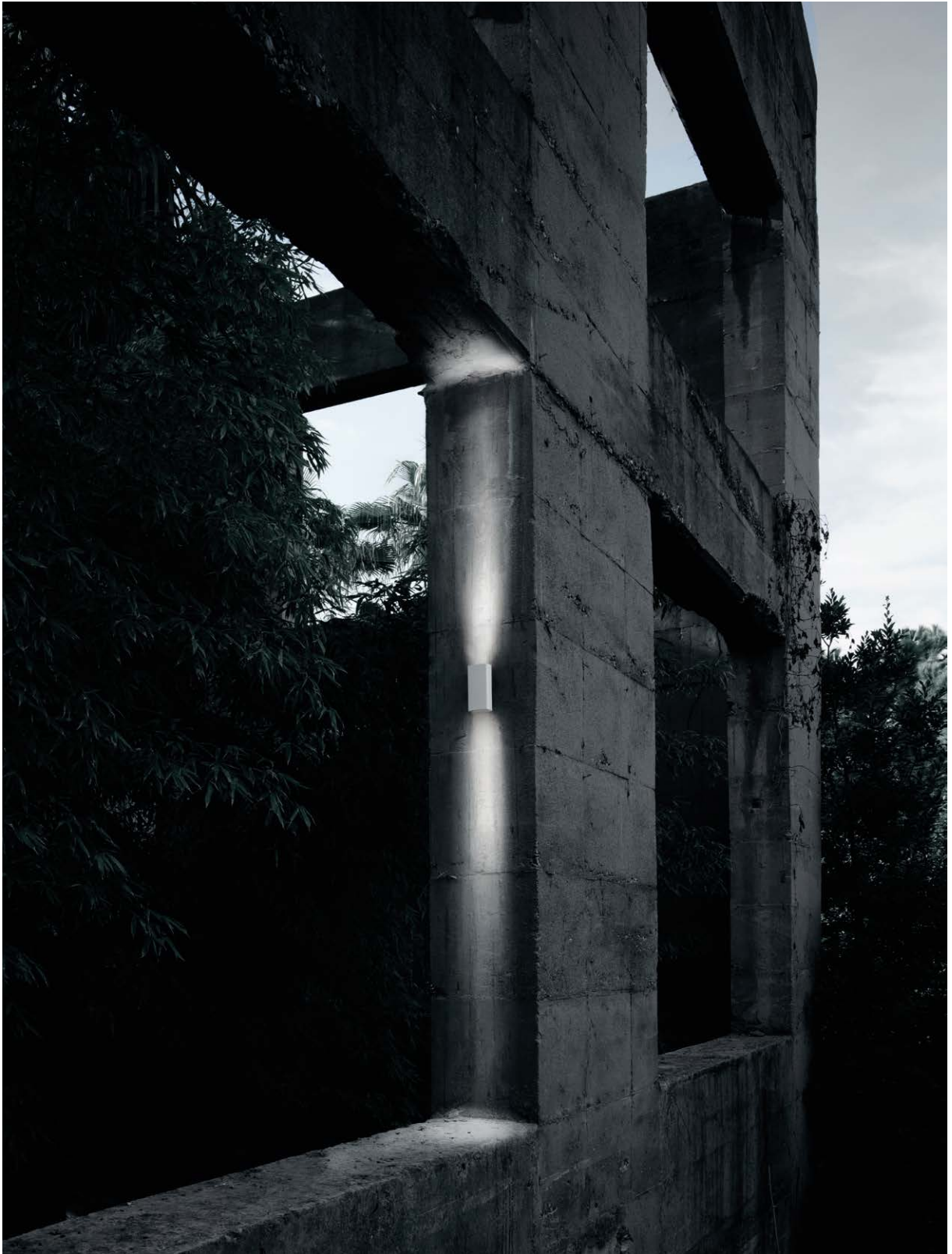


## **Climber**

Designed by Piero Lissoni







Climber

## Familie / Family

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Climber 87



### Down Power Led

7W  
387 lm - 2700K/CRI 80  
419 lm - 3000K/CRI 80  
451 lm - 4000K/CRI 80

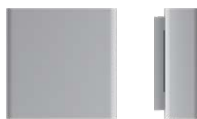
2200K available on request.

### Up&Down Power Led

12W  
2x387 lm - 2700K/CRI 80  
2x419 lm - 3000K/CRI 80  
2x451 lm - 4000K/CRI 80

2200K available on request.

Climber 175



### Down Power Led

12W  
721 lm - 2700K/CRI 80  
781 lm - 3000K/CRI 80  
841 lm - 4000K/CRI 80

2200K available on request.

### Up&Down Power Led

21W  
2x721 lm - 2700K/CRI 80  
2x781 lm - 3000K/CRI 80  
2x841 lm - 4000K/CRI 80

2200K available on request.

Climber 275



### Down Power Led

21W  
1240 lm - 2700K/CRI 80  
1344 lm - 3000K/CRI 80  
1447 lm - 4000K/CRI 80

2200K available on request.

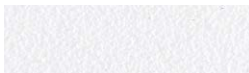
### Up&Down Power Led

40W  
2x1240 lm - 2700K/CRI 80  
2x1344 lm - 3000K/CRI 80  
2x1447 lm - 4000K/CRI 80

2200K available on request.

## Ausführungen / Colours

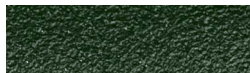
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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

## Beschreibung / Description

---

Gerät für den Außenbereich für die Wandmontage mit LED-Stromquelle.

Bi-Emissionsversion und Mono-Emission nach unten.

Druckgegossener, kupferarmer Aluminiumkörper EN AB-47100, mit asymmetrischer Optikaufnahme: Die Optik befindet sich im unteren Teil hinten und wird von einem Verdunkelungselement geschützt, um die störende Blendung zu minimieren und den visuellen Komfort zu optimieren. In der Bi-Emissionsversion ist der Verschluss der oberen Optik eng an den Rand der Leuchte anliegend, um Wasserablagerungen zu verhindern.

Die Diffusoren aus mikrotexturiert Glas sind festgeklebt, um die Wasserundurchlässigkeit zu gewährleisten, und texturiert, um die Einheitlichkeit des Lichtbündels, der von einer einzigen LED erzeugt wird, sicherzustellen und eine optimale Leuchtkraft beizubehalten.

Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.

Luminaire for outdoor use for installation on the wall with LED light supply.

Bi-emission and mono-emission versions pointing downwards.

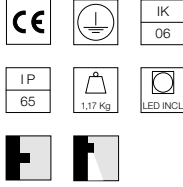
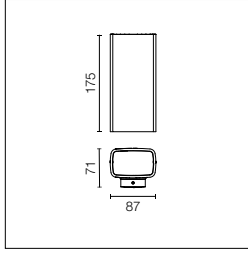
Aluminum die-cast body EN AB-47100, low copper content with asymmetrical optics housing: the optics in the lower part is retracted and protected by a shutter to restrict annoying glare and maximize visual comfort. In the bi-emission version, the glass of the closure of the upper optics is flush with the edge of the light in order to prevent water deposits.

The micro-texturized glass diffusers are glued to ensure water resistance and textured to ensure a uniform light beam generated by each single LED, maintaining excellent luminous efficiency.

High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.

The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.

# Climber 87 Down



Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet. Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm length outgoing neoprene cable. Upwards, single emission version, available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 432 lm ≠ \*FIXT 387 lm - 2700K/CRI 80 - 110-240V / 7W - 468 lm ≠ \*FIXT 419 lm - 3000K/CRI 80 - 110-240V / 7W - 504 lm ≠ \*FIXT 451 lm - 4000K/CRI 80 - 110-240V / \*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F1110001.A
- F1110006.A
- F1110012.A
- F1110018.A
- F1110030.A
- F1110033.A
- 1-10V
- F1110001-310.A
- F1110006-310.A
- F1110012-310.A
- F1110018-310.A
- F1110030-310.A
- F1110033-310.A
- Dali
- F1110001-300.A
- F1110006-300.A
- F1110012-300.A
- F1110018-300.A
- F1110030-300.A
- F1110033-300.A

### 3000K

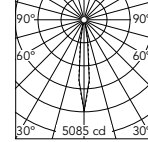
Non Dimmable

- F1112001.A
- F1112006.A
- F1112012.A
- F1112018.A
- F1112030.A
- F1112033.A
- 1-10V
- F1112001-310.A
- F1112006-310.A
- F1112012-310.A
- F1112018-310.A
- F1112030-310.A
- F1112033-310.A
- Dali
- F1112001-300.A
- F1112006-300.A
- F1112012-300.A
- F1112018-300.A
- F1112030-300.A
- F1112033-300.A

### 4000K

Non Dimmable

- F1114001.A
- F1114006.A
- F1114012.A
- F1114018.A
- F1114030.A
- F1114033.A
- 1-10V
- F1114001-310.A
- F1114006-310.A
- F1114012-310.A
- F1114018-310.A
- F1114030-310.A
- F1114033-310.A
- Dali
- F1114001-300.A
- F1114006-300.A
- F1114012-300.A
- F1114018-300.A
- F1114030-300.A
- F1114033-300.A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5085	0.23
2	1271	0.47
3	565	0.70
4	318	0.93
5	203	1.17

@4000K

## Optic Flood

### 2700K

Non Dimmable

- F1111001.A
- F1111006.A
- F1111012.A
- F1111018.A
- F1111030.A
- F1111033.A
- 1-10V
- F1111001-310.A
- F1111006-310.A
- F1111012-310.A
- F1111018-310.A
- F1111030-310.A
- F1111033-310.A
- Dali
- F1111001-300.A
- F1111006-300.A
- F1111012-300.A
- F1111018-300.A
- F1111030-300.A
- F1111033-300.A

### 3000K

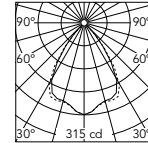
Non Dimmable

- F1113001.A
- F1113006.A
- F1113012.A
- F1113018.A
- F1113030.A
- F1113033.A
- 1-10V
- F1113001-310.A
- F1113006-310.A
- F1113012-310.A
- F1113018-310.A
- F1113030-310.A
- F1113033-310.A
- Dali
- F1113001-300.A
- F1113006-300.A
- F1113012-300.A
- F1113018-300.A
- F1113030-300.A
- F1113033-300.A

### 4000K

Non Dimmable

- F1115001.A
- F1115006.A
- F1115012.A
- F1115018.A
- F1115030.A
- F1115033.A
- 1-10V
- F1115001-310.A
- F1115006-310.A
- F1115012-310.A
- F1115018-310.A
- F1115030-310.A
- F1115033-310.A
- Dali
- F1115001-300.A
- F1115006-300.A
- F1115012-300.A
- F1115018-300.A
- F1115030-300.A
- F1115033-300.A

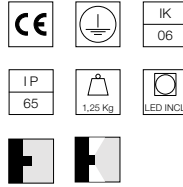
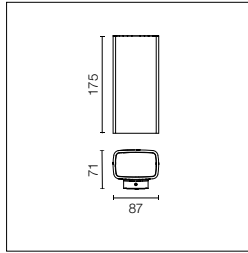


Beam Angle: 70°

h(m)	E(lx)	D(m)
1	315	1.42
2	79	2.85
3	35	4.27
4	20	5.70
5	13	7.12

@4000K





Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 110/240V power supply. Supplied with an 80 mm length outgoing neoprene cable.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 2x432 lm ≠ \*FIXT 2x392 lm - 2700K/CRI 80 - 110-240V / 12W - 2x468 lm ≠ \*FIXT 2x425 lm - 3000K/CRI 80 - 110-240V / 12W - 2x504 lm ≠ \*FIXT 2x458 lm - 4000K/CRI 80 - 110-240V / \*FIXT lm = Spot Optic

**Optic Spot**

**2700K**

Non Dimmable

- F1116001.A
- F1116006.A
- F1116012.A
- F1116018.A
- F1116030.A
- F1116033.A
- 1-10V
- F1116001-310.A
- F1116006-310.A
- F1116012-310.A
- F1116018-310.A
- F1116030-310.A
- F1116033-310.A
- Dali
- F1116001-300.A
- F1116006-300.A
- F1116012-300.A
- F1116018-300.A
- F1116030-300.A
- F1116033-300.A

**3000K**

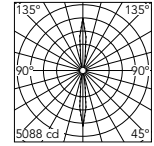
Non Dimmable

- F1118001.A
- F1118006.A
- F1118012.A
- F1118018.A
- F1118030.A
- F1118033.A
- 1-10V
- F1118001-310.A
- F1118006-310.A
- F1118012-310.A
- F1118018-310.A
- F1118030-310.A
- F1118033-310.A
- Dali
- F1118001-300.A
- F1118006-300.A
- F1118012-300.A
- F1118018-300.A
- F1118030-300.A
- F1118033-300.A

**4000K**

Non Dimmable

- F1120001.A
- F1120006.A
- F1120012.A
- F1120018.A
- F1120030.A
- F1120033.A
- 1-10V
- F1120001-310.A
- F1120006-310.A
- F1120012-310.A
- F1120018-310.A
- F1120030-310.A
- F1120033-310.A
- Dali
- F1120001-300.A
- F1120006-300.A
- F1120012-300.A
- F1120018-300.A
- F1120030-300.A
- F1120033-300.A



Beam Angle DIR: 14°

h(m)	E(lx)	D(m)
1	5088	0.23
2	1272	0.47
3	565	0.70
4	318	0.93
5	204	1.17

@4000K

**Optic Flood**

**2700K**

Non Dimmable

- F1117001.A
- F1117006.A
- F1117012.A
- F1117018.A
- F1117030.A
- F1117033.A
- 1-10V
- F1117001-310.A
- F1117006-310.A
- F1117012-310.A
- F1117018-310.A
- F1117030-310.A
- F1117033-310.A
- Dali
- F1117001-300.A
- F1117006-300.A
- F1117012-300.A
- F1117018-300.A
- F1117030-300.A
- F1117033-300.A

**3000K**

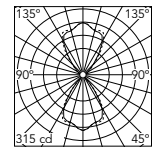
Non Dimmable

- F1119001.A
- F1119006.A
- F1119012.A
- F1119018.A
- F1119030.A
- F1119033.A
- 1-10V
- F1119001-310.A
- F1119006-310.A
- F1119012-310.A
- F1119018-310.A
- F1119030-310.A
- F1119033-310.A
- Dali
- F1119001-300.A
- F1119006-300.A
- F1119012-300.A
- F1119018-300.A
- F1119030-300.A
- F1119033-300.A

**4000K**

Non Dimmable

- F1121001.A
- F1121006.A
- F1121012.A
- F1121018.A
- F1121030.A
- F1121033.A
- 1-10V
- F1121001-310.A
- F1121006-310.A
- F1121012-310.A
- F1121018-310.A
- F1121030-310.A
- F1121033-310.A
- Dali
- F1121001-300.A
- F1121006-300.A
- F1121012-300.A
- F1121018-300.A
- F1121030-300.A
- F1121033-300.A



Beam Angle DIR: 70°

h(m)	E(lx)	D(m)
1	315	1.42
2	79	2.85
3	35	4.27
4	20	5.70
5	13	7.12

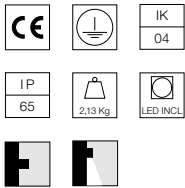
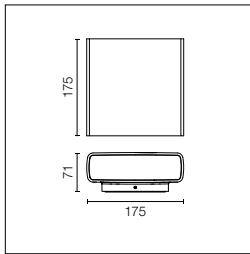
@4000K

## Climber 87: Zubehörteile / Accessories

<p>Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.</p>	<p>Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.</p>	<p>F990E00A000</p>		
<p>IPX8 Gelbox für den elektrischen Anschluss.</p>	<p>Gelbox IPX8 for splicing connectors.</p>	<p>F990C100000</p>		
<p>IPX8 Gelbox für den elektrischen Anschluss.</p>	<p>Gelbox IPX8 for splicing connectors.</p>	<p>F990C110000</p>		
<p>Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.</p>	<p>2 way terminal block 4 poles IP68 H2O Stop.</p>	<p>F990C00A000</p>		
<p>Verbindungssystem, IP68, 3/4-Wege-H2O- Antikondensat, 4-polig, (ø5,5÷12mm Kabel).</p>	<p>3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).</p>	<p>F990C010000</p>		
<p>5-poliger Steckersatz mit fliegendem Stecker + EU- Stecker IP68.</p>	<p>Connector kit 5-pole flying socket + EU plug IP68.</p>	<p>F990C080000</p>		
<p>4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm- Kabel).</p>	<p>4 way junction box 5 poles IP68 (6-14 mm cables).</p>	<p>F990C030000</p>		



# Climber 175 Down



Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet. Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm length outgoing neoprene cable. Upwards, single emission version, available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 864 lm ≠ \*FIXT 721 lm - 2700K/CRI 80 - 110-240V / 12W - 936 lm ≠ \*FIXT 781 lm - 3000K/CRI 80 - 110-240V / 12W - 1008 lm ≠ \*FIXT 841 lm - 4000K/CRI 80 - 110-240V  
 \*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F1140001
  - F1140006
  - F1140012
  - F1140018
  - F1140030
  - F1140033
- 1-10V
- F1140001-310.A
  - F1140006-310.A
  - F1140012-310.A
  - F1140018-310.A
  - F1140030-310.A
  - F1140033-310.A

Dali

- F1140001-300.B
- F1140006-300.B
- F1140012-300.B
- F1140018-300.B
- F1140030-300.B
- F1140033-300.B

### 3000K

Non Dimmable

- F1142001
  - F1142006
  - F1142012
  - F1142018
  - F1142030
  - F1142033
- 1-10V
- F1142001-310.A
  - F1142006-310.A
  - F1142012-310.A
  - F1142018-310.A
  - F1142030-310.A
  - F1142033-310.A

Dali

- F1142001-300.B
- F1142006-300.B
- F1142012-300.B
- F1142018-300.B
- F1142030-300.B
- F1142033-300.B

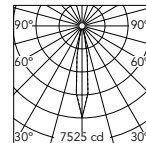
### 4000K

Non Dimmable

- F1144001
  - F1144006
  - F1144012
  - F1144018
  - F1144030
  - F1144033
- 1-10V
- F1144001-310.A
  - F1144006-310.A
  - F1144012-310.A
  - F1144018-310.A
  - F1144030-310.A
  - F1144033-310.A

Dali

- F1144001-300.B
- F1144006-300.B
- F1144012-300.B
- F1144018-300.B
- F1144030-300.B
- F1144033-300.B



Beam Angle: 14°

h(m)	Elx)	D(m)
1	7525	0.28
2	1881	0.55
3	836	0.83
4	470	1.10
5	301	1.38

@4000K

## Optic Flood

### 2700K

Non Dimmable

- F1141001
  - F1141006
  - F1141012
  - F1141018
  - F1141030
  - F1141033
- 1-10V
- F1141001-310.A
  - F1141006-310.A
  - F1141012-310.A
  - F1141018-310.A
  - F1141030-310.A
  - F1141033-310.A

Dali

- F1141001-300.B
- F1141006-300.B
- F1141012-300.B
- F1141018-300.B
- F1141030-300.B
- F1141033-300.B

### 3000K

Non Dimmable

- F1143001
  - F1143006
  - F1143012
  - F1143018
  - F1143030
  - F1143033
- 1-10V
- F1143001-310.A
  - F1143006-310.A
  - F1143012-310.A
  - F1143018-310.A
  - F1143030-310.A
  - F1143033-310.A

Dali

- F1143001-300.B
- F1143006-300.B
- F1143012-300.B
- F1143018-300.B
- F1143030-300.B
- F1143033-300.B

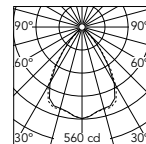
### 4000K

Non Dimmable

- F1145001
  - F1145006
  - F1145012
  - F1145018
  - F1145030
  - F1145033
- 1-10V
- F1145001-310
  - F1145006-310
  - F1145012-310
  - F1145018-310
  - F1145030-310
  - F1145033-310

Dali

- F1145001-300.A
- F1145006-300.A
- F1145012-300.A
- F1145018-300.A
- F1145030-300.A
- F1145033-300.A

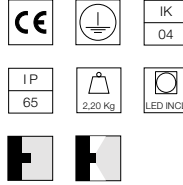
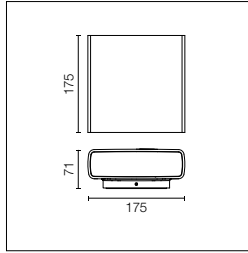


Beam Angle: 70°

h(m)	Elx)	D(m)
1	560	1.41
2	140	2.83
3	62	4.24
4	35	5.65
5	22	7.06

@4000K

# Climber 175 Up&Down



Stromquelle 220/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 220/240V power supply. Supplied with an 80 mm length outgoing neoprene cable.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 21W - 2x864 lm ≠ \*FIXT 2x739 lm - 2700K/CRI 80 - 220-240V / 21W - 2x936 lm ≠ \*FIXT 2x800 lm - 3000K/CRI 80 - 220-240V / 21W - 2x1008 lm ≠ \*FIXT 2x862 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F1146001
- F1146006
- F1146012
- F1146018
- F1146030
- F1146033
- 1-10V
- F1146001-310.A
- F1146006-310.A
- F1146012-310.A
- F1146018-310.A
- F1146030-310.A
- F1146033-310.A
- Dali
- F1146001-300.B
- F1146006-300.B
- F1146012-300.B
- F1146018-300.B
- F1146030-300.B
- F1146033-300.B

### 3000K

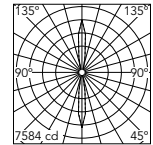
Non Dimmable

- F1148001
- F1148006
- F1148012
- F1148018
- F1148030
- F1148033
- 1-10V
- F1148001-310.A
- F1148006-310.A
- F1148012-310.A
- F1148018-310.A
- F1148030-310.A
- F1148033-310.A
- Dali
- F1148001-300.B
- F1148006-300.B
- F1148012-300.B
- F1148018-300.B
- F1148030-300.B
- F1148033-300.B

### 4000K

Non Dimmable

- F1150001
- F1150006
- F1150012
- F1150018
- F1150030
- F1150033
- 1-10V
- F1150001-310.A
- F1150006-310.A
- F1150012-310.A
- F1150018-310.A
- F1150030-310.A
- F1150033-310.A
- Dali
- F1150001-300.B
- F1150006-300.B
- F1150012-300.B
- F1150018-300.B
- F1150030-300.B
- F1150033-300.B



h(m)	E(lx)	D(m)
1	7584	0.28
2	1896	0.55
3	843	0.83
4	474	1.10
5	303	1.38

@4000K

## Optic Flood

### 2700K

Non Dimmable

- F1147001
- F1147006
- F1147012
- F1147018
- F1147030
- F1147033
- 1-10V
- F1147001-310.A
- F1147006-310.A
- F1147012-310.A
- F1147018-310.A
- F1147030-310.A
- F1147033-310.A
- Dali
- F1147001-300.B
- F1147006-300.B
- F1147012-300.B
- F1147018-300.B
- F1147030-300.B
- F1147033-300.B

### 3000K

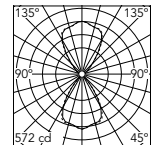
Non Dimmable

- F1149001
- F1149006
- F1149012
- F1149018
- F1149030
- F1149033
- 1-10V
- F1149001-310.A
- F1149006-310.A
- F1149012-310.A
- F1149018-310.A
- F1149030-310.A
- F1149033-310.A
- Dali
- F1149001-300.B
- F1149006-300.B
- F1149012-300.B
- F1149018-300.B
- F1149030-300.B
- F1149033-300.B

### 4000K

Non Dimmable

- F1151001
- F1151006
- F1151012
- F1151018
- F1151030
- F1151033
- 1-10V
- F1151001-310.A
- F1151006-310.A
- F1151012-310.A
- F1151018-310.A
- F1151030-310.A
- F1151033-310.A
- Dali
- F1151001-300.B
- F1151006-300.B
- F1151012-300.B
- F1151018-300.B
- F1151030-300.B
- F1151033-300.B



h(m)	E(lx)	D(m)
1	572	1.41
2	143	2.82
3	64	4.23
4	36	5.64
5	23	7.06

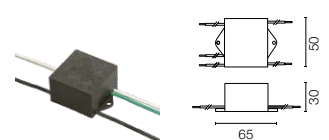
@4000K

## Climber 175: Zubehörteile / Accessories

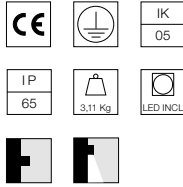
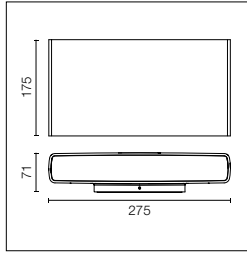
Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



# Climber 275 Down



Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet. Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm length outgoing neoprene cable. Upwards, single emission version, available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 21W - 1728 lm ≠ \*FIXT 1240 lm - 2700K/CRI 80 - 220-240V / 21W - 1872 lm ≠ \*FIXT 1344 lm - 3000K/CRI 80 - 220-240V / 21W - 2016 lm ≠ \*FIXT 1447 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F1170001
- F1170006
- F1170012
- F1170018
- F1170030
- F1170033

1-10V

- F1170001-310.A
- F1170006-310.A
- F1170012-310.A
- F1170018-310.A
- F1170030-310.A
- F1170033-310.A

Dali

- F1170001-300.A
- F1170006-300.A
- F1170012-300.A
- F1170018-300.A
- F1170030-300.A
- F1170033-300.A

### 3000K

Non Dimmable

- F1172001
- F1172006
- F1172012
- F1172018
- F1172030
- F1172033

1-10V

- F1172001-310.A
- F1172006-310.A
- F1172012-310.A
- F1172018-310.A
- F1172030-310.A
- F1172033-310.A

Dali

- F1172001-300.A
- F1172006-300.A
- F1172012-300.A
- F1172018-300.A
- F1172030-300.A
- F1172033-300.A

### 4000K

Non Dimmable

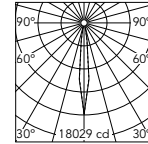
- F1174001
- F1174006
- F1174012
- F1174018
- F1174030
- F1174033

1-10V

- F1174001-310.A
- F1174006-310.A
- F1174012-310.A
- F1174018-310.A
- F1174030-310.A
- F1174033-310.A

Dali

- F1174001-300.A
- F1174006-300.A
- F1174012-300.A
- F1174018-300.A
- F1174030-300.A
- F1174033-300.A



Beam Angle: 14°

h(m)	Et(x)	D(m)
1	18029	0.22
2	4507	0.44
3	2003	0.66
4	1127	0.87
5	721	1.09

@4000K

## Optic Flood

### 2700K

Non Dimmable

- F1171001
- F1171006
- F1171012
- F1171018
- F1171030
- F1171033

1-10V

- F1171001-310.A
- F1171006-310.A
- F1171012-310.A
- F1171018-310.A
- F1171030-310.A
- F1171033-310.A

Dali

- F1171001-300.A
- F1171006-300.A
- F1171012-300.A
- F1171018-300.A
- F1171030-300.A
- F1171033-300.A

### 3000K

Non Dimmable

- F1173001
- F1173006
- F1173012
- F1173018
- F1173030
- F1173033

1-10V

- F1173001-310.A
- F1173006-310.A
- F1173012-310.A
- F1173018-310.A
- F1173030-310.A
- F1173033-310.A

Dali

- F1173001-300.A
- F1173006-300.A
- F1173012-300.A
- F1173018-300.A
- F1173030-300.A
- F1173033-300.A

### 4000K

Non Dimmable

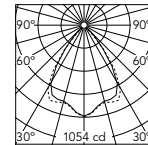
- F1175001
- F1175006
- F1175012
- F1175018
- F1175030
- F1175033

1-10V

- F1175001-310.A
- F1175006-310.A
- F1175012-310.A
- F1175018-310.A
- F1175030-310.A
- F1175033-310.A

Dali

- F1175001-300.A
- F1175006-300.A
- F1175012-300.A
- F1175018-300.A
- F1175030-300.A
- F1175033-300.A

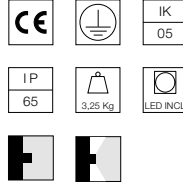
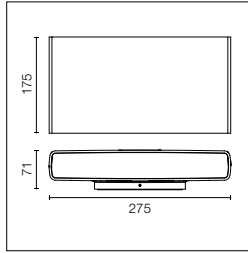


Beam Angle: 70°

h(m)	Et(x)	D(m)
1	1054	1.45
2	263	2.89
3	117	4.34
4	66	5.78
5	42	7.23

@4000K

# Climber 275 Up&Down



Stromquelle 220/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 220/240V power supply. Supplied with an 80 mm length outgoing neoprene cable.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 40W - 2x1728 lm ≠ \*FIXT 2x1264 lm - 2700K/CRI 80 - 220-240V / 40W - 2x1872 lm ≠ \*FIXT 2x1370 lm - 3000K/CRI 80 - 220-240V / 40W - 2x2016 lm ≠ \*FIXT 2x1475 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable

- F1176001
- F1176006
- F1176012
- F1176018
- F1176030
- F1176033
- 1-10V
- F1176001-310.A
- F1176006-310.A
- F1176012-310.A
- F1176018-310.A
- F1176030-310.A
- F1176033-310.A
- Dali
- F1176001-300.A
- F1176006-300.A
- F1176012-300.A
- F1176018-300.A
- F1176030-300.A
- F1176033-300.A

### 3000K

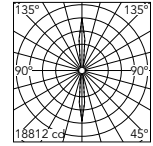
Non Dimmable

- F1178001
- F1178006
- F1178012
- F1178018
- F1178030
- F1178033
- 1-10V
- F1178001-310.A
- F1178006-310.A
- F1178012-310.A
- F1178018-310.A
- F1178030-310.A
- F1178033-310.A
- Dali
- F1178001-300.A
- F1178006-300.A
- F1178012-300.A
- F1178018-300.A
- F1178030-300.A
- F1178033-300.A

### 4000K

Non Dimmable

- F1180001
- F1180006
- F1180012
- F1180018
- F1180030
- F1180033
- 1-10V
- F1180001-310.A
- F1180006-310.A
- F1180012-310.A
- F1180018-310.A
- F1180030-310.A
- F1180033-310.A
- Dali
- F1180001-300.A
- F1180006-300.A
- F1180012-300.A
- F1180018-300.A
- F1180030-300.A
- F1180033-300.A



Beam Angle DIR: 14°

h(m)	E(m)	D(m)
1	18812	0.22
2	4703	0.44
3	2090	0.66
4	1176	0.87
5	752	1.09

## Optic Flood

### 2700K

Non Dimmable

- F1177001
- F1177006
- F1177012
- F1177018
- F1177030
- F1177033
- 1-10V
- F1177001-310.A
- F1177006-310.A
- F1177012-310.A
- F1177018-310.A
- F1177030-310.A
- F1177033-310.A
- Dali
- F1177001-300.A
- F1177006-300.A
- F1177012-300.A
- F1177018-300.A
- F1177030-300.A
- F1177033-300.A

### 3000K

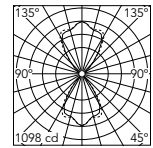
Non Dimmable

- F1179001
- F1179006
- F1179012
- F1179018
- F1179030
- F1179033
- 1-10V
- F1179001-310.A
- F1179006-310.A
- F1179012-310.A
- F1179018-310.A
- F1179030-310.A
- F1179033-310.A
- Dali
- F1179001-300.A
- F1179006-300.A
- F1179012-300.A
- F1179018-300.A
- F1179030-300.A
- F1179033-300.A

### 4000K

Non Dimmable

- F1181001
- F1181006
- F1181012
- F1181018
- F1181030
- F1181033
- 1-10V
- F1181001-310.A
- F1181006-310.A
- F1181012-310.A
- F1181018-310.A
- F1181030-310.A
- F1181033-310.A
- Dali
- F1181001-300.A
- F1181006-300.A
- F1181012-300.A
- F1181018-300.A
- F1181030-300.A
- F1181033-300.A



Beam Angle DIR: 70°

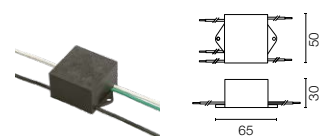
h(m)	E(m)	D(m)
1	1098	1.45
2	274	2.89
3	122	4.34
4	69	5.78
5	44	7.23

## Climber 275: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



## **Heavy Metal**

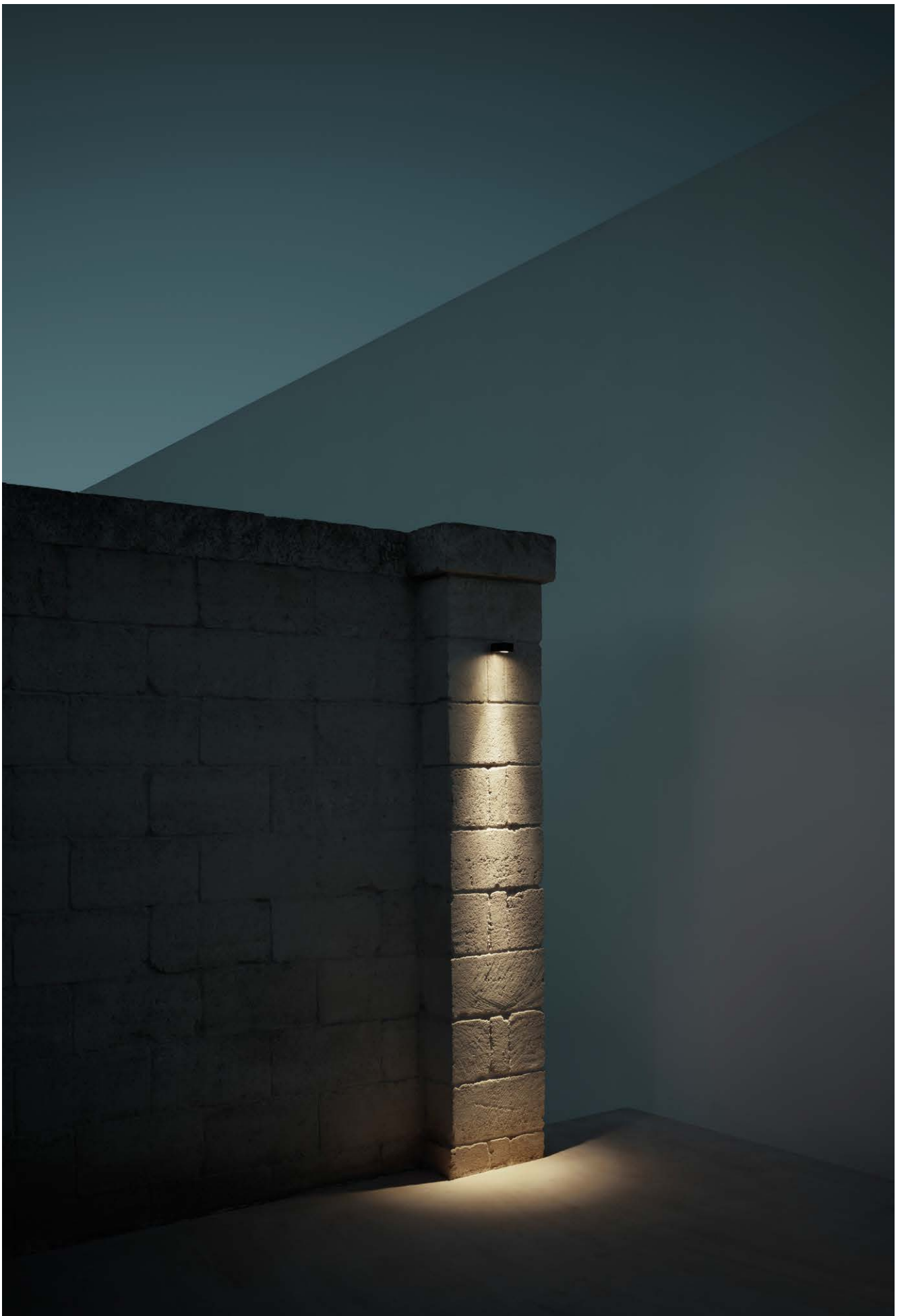






Heavy Metal Spot





Heavy Metal Wall 1

## Familie / Family

### Heavy Metal Spot 1



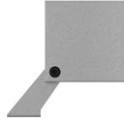
#### Power Led

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

#### Power Led

up to 4,5W  
up to 246 lm - 2700K/CRI 80  
up to 267 lm - 3000K/CRI 80  
up to 277 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

### Heavy Metal Spot 2



#### Power Led

up to 5,9W  
up to 364 lm - 2700K/CRI 80  
up to 395 lm - 3000K/CRI 80  
up to 410 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

### Heavy Metal Wall 1



#### Power Led

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

#### Power Led

up to 4,5W  
up to 246 lm - 2700K/CRI 80  
up to 267 lm - 3000K/CRI 80  
up to 277 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

### Heavy Metal Wall 2 Mono / Double



#### Power Led

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

#### Power Led

up to 4,5W  
up to 246 lm - 2700K/CRI 80  
up to 267 lm - 3000K/CRI 80  
up to 277 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

#### Power Led

up to 6,8W  
up to 2x138 lm - 2700K/CRI 80  
up to 2x149 lm - 3000K/CRI 80  
up to 2x155 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

#### Power Led

up to 9W  
up to 2x246 lm - 2700K/CRI 80  
up to 2x267 lm - 3000K/CRI 80  
up to 2x277 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

### Heavy Metal Wall 3 Mono / Double



#### Mid-Power Led

up to 2,5W  
up to 125 lm - 2700K/CRI 80  
up to 134 lm - 3000K/CRI 80  
up to 142 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

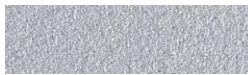
#### Mid-Power Led

up to 5W  
up to 2x125 lm - 2700K/CRI 80  
up to 2x134 lm - 3000K/CRI 80  
up to 2x142 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

Komplette Leuchtenfamilie mit LED-Lichtquelle, in verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

### Heavy Metal Spot

Ultrakompakter, verstellbarer Projektor für die Boden-, Wand- oder Deckenmontage, mit separat zu bestellendem Pfosten. Erhältlich in zwei Größen (50x50 mm und 70x70 mm) und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060 und Befestigungsbügel aus Edelstahl AISI 316L, passend zu den Oberflächen der Leuchte, für ein perfektes Gesamtbild. Der Befestigungsbügel erlaubt eine Neigung von 180° in der vertikalen Achse und eine Neigung von weniger als 20° in der horizontalen Achse, um den Lichtstrahl je nach Bedarf zu lenken. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

### Heavy Metal Wall 1

Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

### Heavy Metal Wall 2

Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

### Heavy Metal Wall 3

Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und einem weichen und diffusen Abstrahlwinkel. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Mattierter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss. Für eine einfache Installation ist eine 3-Modul-Anschlussdose (Modell 503), in dem auch eine einzelne IP-65-Stromversorgung untergebracht werden kann, optional erhältlich.

Complete family of luminaires with LED light source, available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The fixing screws are made of AISI 316L stainless steel.

### Heavy Metal Spot

Ultra-compact, adjustable projector, designed for ground, wall or ceiling installation, and a post to be ordered separately. Available in two sizes (50x50 mm and 70x70 mm) and with different beam angles to meet different lighting requirements. Turned aluminium structure, EN AW 6060 alloy and AISI 316L stainless steel fixing bracket matching the luminaire finishes for a perfect overall look. The fixing bracket allows an orientation of 180° on the vertical axis and an orientation of less than 20° on the horizontal axis in order to direct the light beam according to requirements. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately.

### Heavy Metal Wall 1

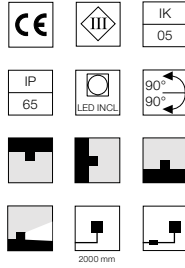
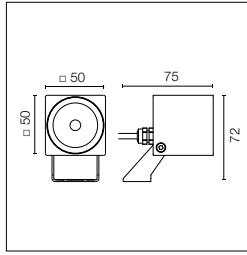
Wall luminaire. Available with monodirectional or bidirectional light emission and with different beam angles to meet different lighting requirements. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately.

### Heavy Metal Wall 2

Wall luminaire. Available with monodirectional or bidirectional light emission and with different beam angles to meet different lighting requirements. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately.

### Heavy Metal Wall 3

Wall luminaire. Available with monodirectional or bidirectional light emission and a smooth and diffuse beam angle. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Frosted glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately. For easy installation, a 3 modules junction box (model 503), where a single IP 65 power supply can also be placed, is available as an option.



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

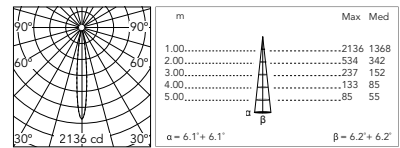
- FA50900501
- FA50900506
- FA50900512
- FA50900518
- FA50900530
- FA50900533

**3000K**

- FA50900301
- FA50900306
- FA50900312
- FA50900318
- FA50900330
- FA50900333

**4000K**

- FA50900201
- FA50900206
- FA50900212
- FA50900218
- FA50900230
- FA50900233



@ 3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

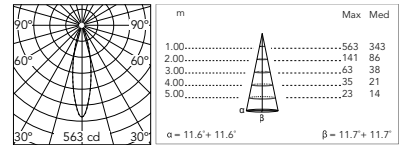
- FA50901501
- FA50901506
- FA50901512
- FA50901518
- FA50901530
- FA50901533

**3000K**

- FA50901301
- FA50901306
- FA50901312
- FA50901318
- FA50901330
- FA50901333

**4000K**

- FA50901201
- FA50901206
- FA50901212
- FA50901218
- FA50901230
- FA50901233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

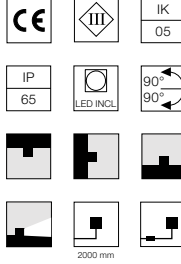
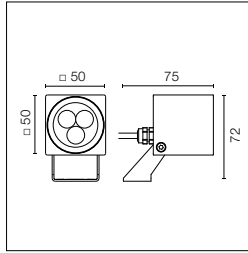
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	2
Acc. RF25757	2

Acc. RF25752	3
Acc. F990B28A000	9
Acc. F990B27A000	17

# Heavy Metal HP Spot 1



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

### 2700K

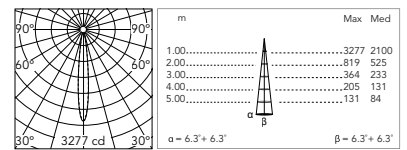
- FA50902501
- FA50902506
- FA50902512
- FA50902518
- FA50902530
- FA50902533

### 3000K

- FA50902301
- FA50902306
- FA50902312
- FA50902318
- FA50902330
- FA50902333

### 4000K

- FA50902201
- FA50902206
- FA50902212
- FA50902218
- FA50902230
- FA50902233



@ 3000K

## Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

### 2700K

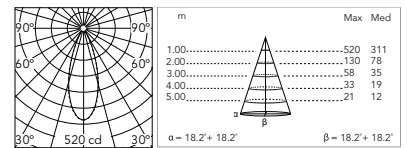
- FA50903501
- FA50903506
- FA50903512
- FA50903518
- FA50903530
- FA50903533

### 3000K

- FA50903301
- FA50903306
- FA50903312
- FA50903318
- FA50903330
- FA50903333

### 4000K

- FA50903201
- FA50903206
- FA50903212
- FA50903218
- FA50903230
- FA50903233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

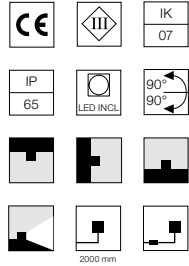
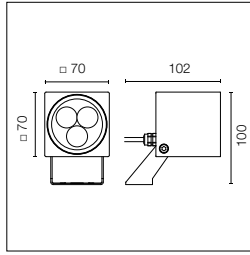
Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	2

Acc. RF25757	2
Acc. F990B28A000	7
Acc. F990B27A000	14

# Heavy Metal Spot 2



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

### 2700K

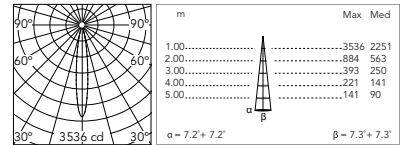
- FA50904501
- FA50904506
- FA50904512
- FA50904518
- FA50904530
- FA50904533

### 3000K

- FA50904301
- FA50904306
- FA50904312
- FA50904318
- FA50904330
- FA50904333

### 4000K

- FA50904201
- FA50904206
- FA50904212
- FA50904218
- FA50904230
- FA50904233



@ 3000K

## Optic Medium 30°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

### 2700K

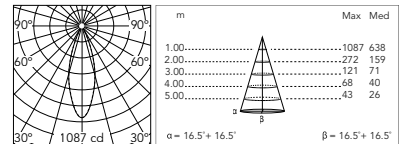
- FA50906501
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- FA50906512
- FA50906518
- FA50906530
- FA50906533

### 3000K

- FA50906301
- FA50906306
- FA50906312
- FA50906318
- FA50906330
- FA50906333

### 4000K

- FA50906201
- FA50906206
- FA50906212
- FA50906218
- FA50906230
- FA50906233



@ 3000K

## Optic Flood 50°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

### 2700K

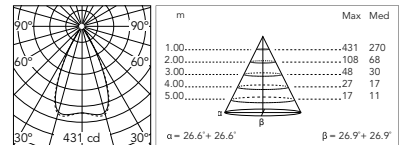
- FA50905501
- FA50905506
- FA50905512
- FA50905518
- FA50905530
- FA50905533

### 3000K

- FA50905301
- FA50905306
- FA50905312
- FA50905318
- FA50905330
- FA50905333

### 4000K

- FA50905201
- FA50905206
- FA50905212
- FA50905218
- FA50905230
- FA50905233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25747	1
Acc. RF25757	1
Acc. RF25752	2

Acc. F990B28A000	6
Acc. F990B27A000	12



## Heavy Metal Spot: Zubehörteile / Accessories

Erdspieß.

Ground spike.

FA136

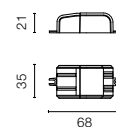


## Heavy Metal Spot: Treiber / Drivers

Stromversorgung  
Doppelfunktion Vout 24V  
Gleichstrom: 8 W/100÷240 V  
Iout 350 ma: 6x1 W /100÷240 V  
IP20 Klasse II Selv Eq.

Power supply dual function  
Vout 24Vdc: 8W/100÷240V  
Iout 350ma: 6x1W/100÷240V  
IP20 Class II Selv Eq.

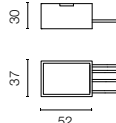
\*RF25754



Netzgerät 24V 8W / 110-240V  
IP65 Klasse II selv.

Power supply 24V 8W / 110-240V  
IP65 Class II selv.

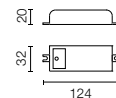
\*RF25748



Netzgerät 24V 10W / 110-240V  
IP20 Klasse II selv.

Power supply 24V 10W / 110-240V  
IP20 Class II selv.

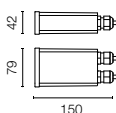
\*RF25747



Netzgerät 24V 10W / 110-240V  
IP67 Klasse II selv.

Power supply 24V 10W / 110-240V  
IP67 Class II selv.

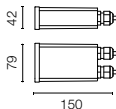
\*RF25757



Netzgerät für den Ferneinbau  
24Vdc 20W / 220- 240V IP67  
Klasse II selv.

Power supply for remote  
installation 24Vdc 20W / 220-  
240V IP67 Class II selv.

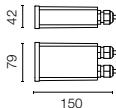
\*RF25752



Netzgerät 24Vdc 35W / 120-270V  
IP67 Klasse II selv.

Power supply 24Vdc 35W / 120-270V  
IP67 Class II selv.

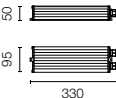
F990B23AZ00



Netzgerät 24Vdc 50W / 120-240V  
IP67 Klasse II selv.

Power supply 24Vdc 50W / 120-240V  
IP67 Class II selv.

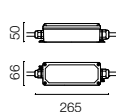
\*F990B28A000

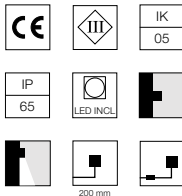
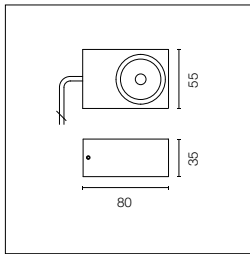


Netzgerät 24Vdc 70W / 220-240V  
IP67 Klasse II selv.

Power supply 24Vdc 70W / 220-240V  
IP67 Class II selv.

\*F990B27A000





Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

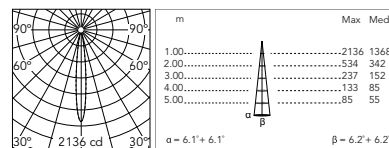
- FA50800501
- FA50800506
- FA50800512
- FA50800518
- FA50800530
- FA50800533

**3000K**

- FA50800301
- FA50800306
- FA50800312
- FA50800318
- FA50800330
- FA50800333

**4000K**

- FA50800201
- FA50800206
- FA50800212
- FA50800218
- FA50800230
- FA50800233



@ 3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

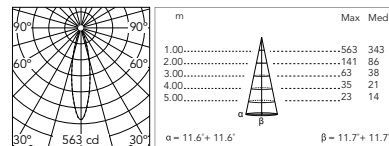
- FA50801501
- FA50801506
- FA50801512
- FA50801518
- FA50801530
- FA50801533

**3000K**

- FA50801301
- FA50801306
- FA50801312
- FA50801318
- FA50801330
- FA50801333

**4000K**

- FA50801201
- FA50801206
- FA50801212
- FA50801218
- FA50801230
- FA50801233



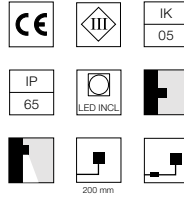
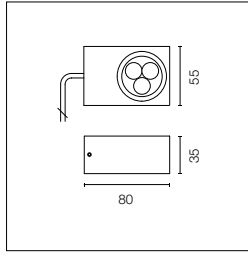
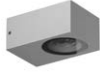
@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25752	3
Acc. RF25748	1	Acc. F990B28A000	9
Acc. RF25747	2	Acc. F990B27A000	17
Acc. RF25757	2		



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

**2700K**

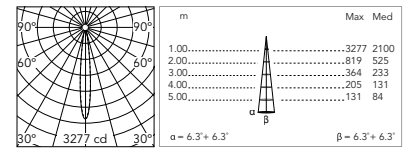
- FA50802501
- FA50802506
- FA50802512
- FA50802518
- FA50802530
- FA50802533

**3000K**

- FA50802301
- FA50802306
- FA50802312
- FA50802318
- FA50802330
- FA50802333

**4000K**

- FA50802201
- FA50802206
- FA50802212
- FA50802218
- FA50802230
- FA50802233



@ 3000K

**Optic Medium 30°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

**2700K**

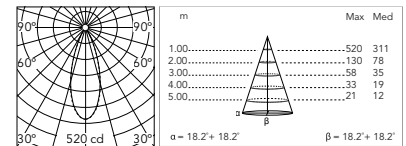
- FA50803501
- FA50803506
- FA50803512
- FA50803518
- FA50803530
- FA50803533

**3000K**

- FA50803301
- FA50803306
- FA50803312
- FA50803318
- FA50803330
- FA50803333

**4000K**

- FA50803201
- FA50803206
- FA50803212
- FA50803218
- FA50803230
- FA50803233



@ 3000K


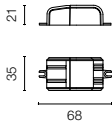

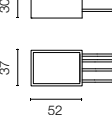

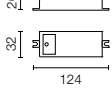

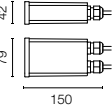

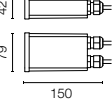

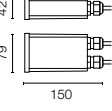

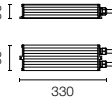

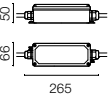
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

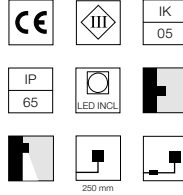
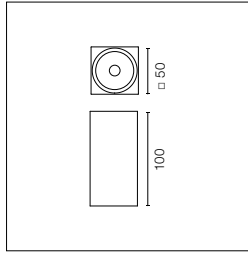
Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25757	2
Acc. RF25748	1	Acc. F990B28A000	7
Acc. RF25747	2	Acc. F990B27A000	14

## Heavy Metal Wall 1: Treiber / Drivers

<p>Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.</p>	<p>Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.</p>	*RF25754		
<p>Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.</p>	<p>Power supply 24V 8W / 110-240V IP65 Class II selv.</p>	*RF25748		
<p>Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.</p>	<p>Power supply 24V 10W /110-240V IP20 Class II selv.</p>	*RF25747		
<p>Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.</p>	<p>Power supply 24V 10W / 110-240V IP67 Class II selv.</p>	*RF25757		
<p>Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.</p>	<p>Heavy Metal Wall 1 2,2W *RF25752</p>		
<p>Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 35W / 120-270V IP67 Class II selv.</p>	F990B23AZ00		
<p>Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 50W / 120-240V IP67 Class II selv.</p>	*F990B28A000		
<p>Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 70W / 220-240V IP67 Class II selv.</p>	*F990B27A000		

# Heavy Metal Wall 2 Mono



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

### 2700K

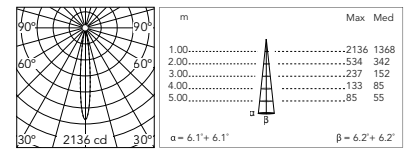
- FA50700501
- FA50700506
- FA50700512
- FA50700518
- FA50700530
- FA50700533

### 3000K

- FA50700301
- FA50700306
- FA50700312
- FA50700318
- FA50700330
- FA50700333

### 4000K

- FA50700201
- FA50700206
- FA50700212
- FA50700218
- FA50700230
- FA50700233



@ 3000K

## Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

### 2700K

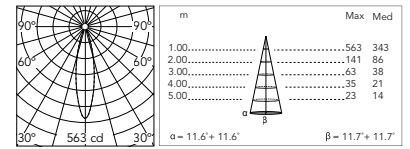
- FA50701501
- FA50701506
- FA50701512
- FA50701518
- FA50701530
- FA50701533

### 3000K

- FA50701301
- FA50701306
- FA50701312
- FA50701318
- FA50701330
- FA50701333

### 4000K

- FA50701201
- FA50701206
- FA50701212
- FA50701218
- FA50701230
- FA50701233



@ 3000K

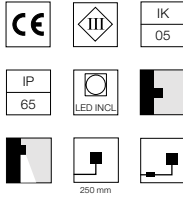
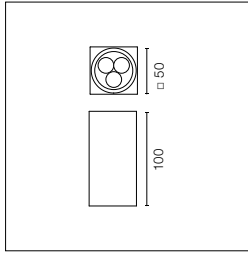
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	2
Acc. RF25757	2

Acc. RF25752	3
Acc. F990B28A000	9
Acc. F990B27A000	17



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

**2700K**

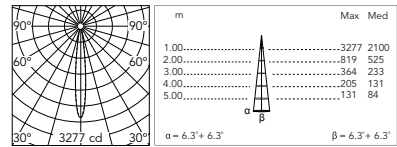
- FA50702501
- FA50702506
- FA50702512
- FA50702518
- FA50702530
- FA50702533

**3000K**

- FA50702301
- FA50702306
- FA50702312
- FA50702318
- FA50702330
- FA50702333

**4000K**

- FA50702201
- FA50702206
- FA50702212
- FA50702218
- FA50702230
- FA50702233



@ 3000K

**Optic Medium 30°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

**2700K**

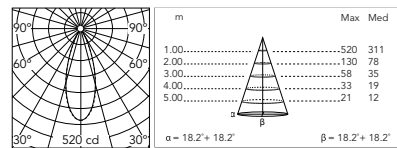
- FA50703501
- FA50703506
- FA50703512
- FA50703518
- FA50703530
- FA50703533

**3000K**

- FA50703301
- FA50703306
- FA50703312
- FA50703318
- FA50703330
- FA50703333

**4000K**

- FA50703201
- FA50703206
- FA50703212
- FA50703218
- FA50703230
- FA50703233



@ 3000K

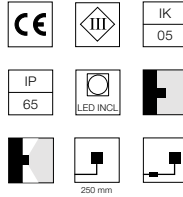
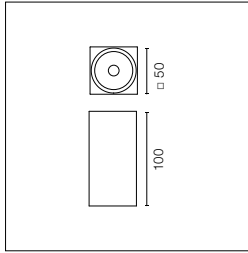
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220- 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25757	2
Acc. RF25748	1	Acc. F990B28A000	7
Acc. RF25747	2	Acc. F990B27A000	14

# Heavy Metal Wall 2 Double



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 6,8W - 2x199 lm ≠ OUTPUT 2x138 lm - 2700K/CRI 80 - 24Vdc / 6,8W - 2x215 lm ≠ OUTPUT 2x149 lm - 3000K/CRI 80 - 24Vdc / 6,8W - 2x224 lm ≠ OUTPUT 2x155 lm - 4000K/CRI 80 - 24Vdc

### 2700K

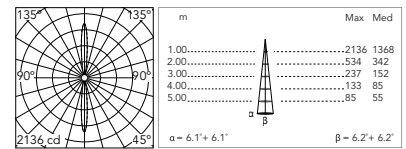
- FA50710501
- FA50710506
- FA50710512
- FA50710518
- FA50710530
- FA50710533

### 3000K

- FA50710301
- FA50710306
- FA50710312
- FA50710318
- FA50710330
- FA50710333

### 4000K

- FA50710201
- FA50710206
- FA50710212
- FA50710218
- FA50710230
- FA50710233



@ 3000K

## Optic Medium 30°

**Power Led:** 6,8W - 2x199 lm ≠ OUTPUT 2x121 lm - 2700K/CRI 80 - 24Vdc / 6,8W - 2x215 lm ≠ OUTPUT 2x131 lm - 3000K/CRI 80 - 24Vdc / 6,8W - 2x224 lm ≠ OUTPUT 2x136 lm - 4000K/CRI 80 - 24Vdc

### 2700K

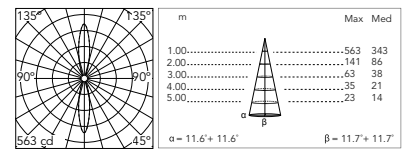
- FA50711501
- FA50711506
- FA50711512
- FA50711518
- FA50711530
- FA50711533

### 3000K

- FA50711301
- FA50711306
- FA50711312
- FA50711318
- FA50711330
- FA50711333

### 4000K

- FA50711201
- FA50711206
- FA50711212
- FA50711218
- FA50711230
- FA50711233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

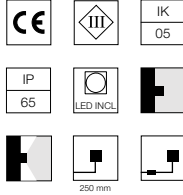
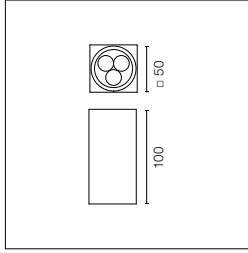
Maximale Leuchten pro Stromversorgung (220-240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25747 1  
Acc. RF25757 1  
Acc. RF25752 2

Acc. F990B28A000 5  
Acc. F990B27A000 8

# Heavy Metal HP Wall 2 Double



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 9W - 2x331 lm ≠ OUTPUT 2x246 lm - 2700K/CRI 80 - 24Vdc / 9W - 2x359 lm ≠ OUTPUT 2x267 lm - 3000K/CRI 80 - 24Vdc / 9W - 2x373 lm ≠ OUTPUT 2x277 lm - 4000K/CRI 80 - 24Vdc

### 2700K

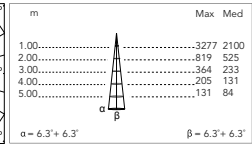
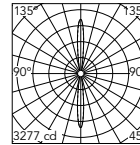
- FA50712501
- FA50712506
- FA50712512
- FA50712518
- FA50712530
- FA50712533

### 3000K

- FA50712301
- FA50712306
- FA50712312
- FA50712318
- FA50712330
- FA50712333

### 4000K

- FA50712201
- FA50712206
- FA50712212
- FA50712218
- FA50712230
- FA50712233



@ 3000K

## Optic Medium 30°

**Power Led:** 9W - 2x331 lm ≠ OUTPUT 2x218 lm - 2700K/CRI 80 - 24Vdc / 9W - 2x359 lm ≠ OUTPUT 2x236 lm - 3000K/CRI 80 - 24Vdc / 9W - 2x373 lm ≠ OUTPUT 2x245 lm - 4000K/CRI 80 - 24Vdc

### 2700K

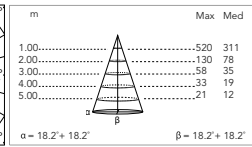
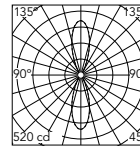
- FA50713501
- FA50713506
- FA50713512
- FA50713518
- FA50713530
- FA50713533

### 3000K

- FA50713301
- FA50713306
- FA50713312
- FA50713318
- FA50713330
- FA50713333

### 4000K

- FA50713201
- FA50713206
- FA50713212
- FA50713218
- FA50713230
- FA50713233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.


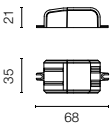

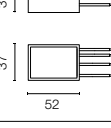

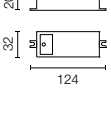

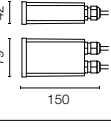

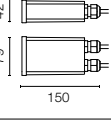

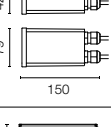

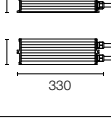

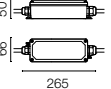
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

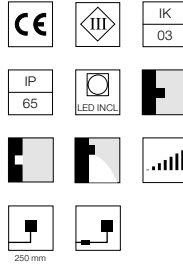
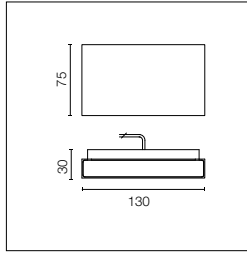
Acc. RF25747	1
Acc. RF25757	1
Acc. F990B28A000	3
Acc. F990B27A000	7



## Heavy Metal Wall 2: Treiber / Drivers

<p>Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq.</p>	<p>Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.</p>	<p>Heavy Metal Wall 2 Mono *RF25754</p>		
<p>Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.</p>	<p>Power supply 24V 8W / 110-240V IP65 Class II selv.</p>	<p>Heavy Metal Wall 2 Double *RF25748</p>		
<p>Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.</p>	<p>Power supply 24V 10W /110-240V IP20 Class II selv.</p>	<p>*RF25747</p>		
<p>Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.</p>	<p>Power supply 24V 10W / 110-240V IP67 Class II selv.</p>	<p>*RF25757</p>		
<p>Netzgerät für den Ferneinbau 24Vdc 20W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.</p>	<p>*RF25752</p>		
<p>Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 35W / 120-270V IP67 Class II selv.</p>	<p>F990B23AZ00</p>		
<p>Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 50W / 120-240V IP67 Class II selv.</p>	<p>*F990B28A000</p>		
<p>Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 70W / 220-240V IP67 Class II selv.</p>	<p>*F990B27A000</p>		

## Heavy Metal Wall 3 Mono



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid-Power Led:** 2,5W - 246 lm ≠ OUTPUT 162 lm - 2700K/CRI 80 - 24Vdc / 2,5W - 265 lm ≠ OUTPUT 168 lm - 3000K/CRI 80 - 24Vdc / 2,5W - 278 lm ≠ OUTPUT 174 lm - 4000K/CRI 80 - 24Vdc

### 2700K

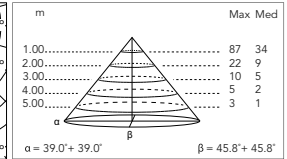
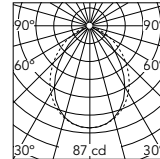
- FA51200501
- FA51200506
- FA51200512
- FA51200518
- FA51200530
- FA51200533

### 3000K

- FA51200301
- FA51200306
- FA51200312
- FA51200318
- FA51200330
- FA51200333

### 4000K

- FA51200201
- FA51200206
- FA51200212
- FA51200218
- FA51200230
- FA51200233



@ 3000K

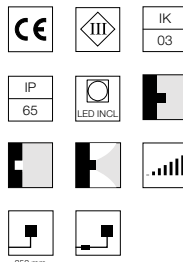
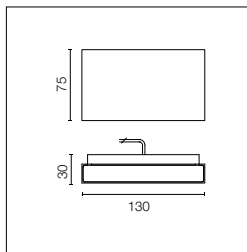
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	3	Acc. RF26387.A	6
Acc. RF25748	3	Acc. RF25752	8
Acc. RF25747	4	Acc. F990B28A000	20
Acc. RF25757	4	Acc. F990B27A000	25
Acc. RF25750	6	Acc. F990B29A000	35
Acc. F990B21A000	6		

## Heavy Metal Wall 3 Double



Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Mid-Power Led:** 5W - 2x246 lm ≠ OUTPUT 2x162 lm - 2700K/CRI 80 - 24Vdc / 5W - 2x265 lm ≠ OUTPUT 2x168 lm - 3000K/CRI 80 - 24Vdc / 5W - 2x278 lm ≠ OUTPUT 2x174 lm - 4000K/CRI 80 - 24Vdc

### 2700K

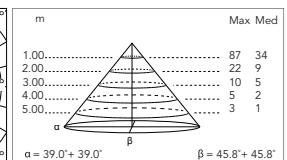
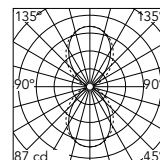
- FA51201501
- FA51201506
- FA51201512
- FA51201518
- FA51201530
- FA51201533

### 3000K

- FA51201301
- FA51201306
- FA51201312
- FA51201318
- FA51201330
- FA51201333

### 4000K

- FA51201201
- FA51201206
- FA51201212
- FA51201218
- FA51201230
- FA51201233



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

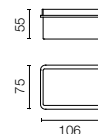
Acc. RF25754	1	Acc. RF26387.A	3
Acc. RF25748	1	Acc. RF25752	4
Acc. RF25747	2	Acc. F990B28A000	10
Acc. RF25757	2	Acc. F990B27A000	13
Acc. RF25750	3	Acc. F990B29A000	17
Acc. F990B21A000	3		

## Heavy Metal Wall 3: Zubehörteile / Accessories

Eingebaute 3-Modul-Anschlussdose (Modell 503), 106x75, H 55 mm.

Recessed 3-module junction box (model 503) 106 x 75 H 55 mm.

Heavy Metal Wall 3  
F990H010000



### Heavy Metal Wall 3 Installation acc. F990H010000

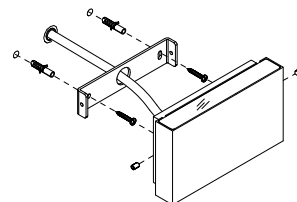
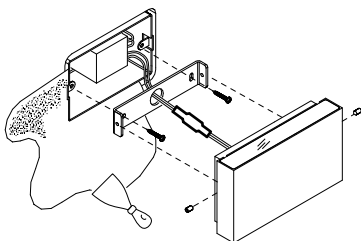
Heavy Metal Wall 3 mit Dose.  
Optional: Stromversorgung Code 106 in Einbaudose.

Heavy Metal Wall 3 with box.  
Optional: power supply code 106 in recessed box.

### Heavy Metal Wall 3 Installation acc. F990H010000

Heavy Metal Wall 3 ohne Dose.

Heavy Metal Wall 3 without box.

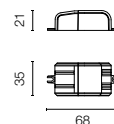


## Heavy Metal Wall 3: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq.

Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.

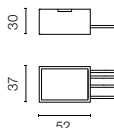
\*RF25754



Netzgerät für 24Vdc 8W / 110-240V IP65 Klasse II selv.

Power supply 24Vdc 8W / 110-240V IP65 Class II selv.

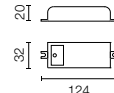
\*RF25748



Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv.

Power supply for remote installation 24Vdc 10W / 110-240V IP20 Class II selv.

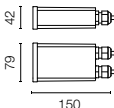
\*RF25747



Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.

Power supply 24V 10W / 110-240V IP67 Class II selv.

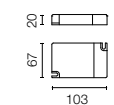
\*RF25757



Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv.

Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.

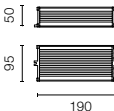
\*RF25750  
Dimmable 1-10V



Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.

Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv.

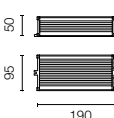
\*F990B21A000



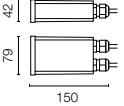
Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.

Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.

\*RF26387.A  
Dimmable DALI



## Heavy Metal Wall 3: Treiber / Drivers

<p>Netzgerät für den Feinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.</p>	<p>*RF25752</p>		
<p>Netzgerät für den Feinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.</p>	<p>*F990B28A000</p>		
<p>Netzgerät 24Vdc 35W / 120- 270V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 35W / 120-270V IP67 Class II selv.</p>	<p>F990B23AZ00</p>		
<p>Netzgerät für den Feinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 70W / 220- 240V IP67 Class II selv.</p>	<p>*F990B27A000</p>		
<p>Netzgerät für den Feinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 96W / 120- 240V IP67 Class II selv.</p>	<p>*F990B29A000</p>		



# Fenestra

Designed by Flos Outdoor









Fenestra

## Familie / Family

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Fenestra 24V



### Power Led

4W  
165 lm - 2700K/CRI 80  
183 lm - 3000K/CRI 80  
201 lm - 4000K/CRI 80

Fenestra



### Power Led

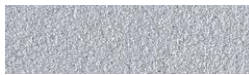
5,5W  
165 lm - 2700K/CRI 80  
183 lm - 3000K/CRI 80  
201 lm - 4000K/CRI 80

## Ausführungen / Colours

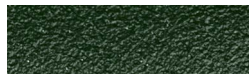
---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

## Beschreibung / Description

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Gerät für den Außenbereich, kann im Fensterraum installiert werden, mit LED-Stromquelle.

Aus druckgegossenem, kupferarmem Aluminium EN AB-47100 gefertigter Gerätekörper.

Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverenschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.

Dank der Verwendung einer doppelten LED-Quelle und zweier Linsen mit Lamellenemission wird eine Abdeckung von 270° mit homogener Verteilung und optimaler chromatischer Einheitlichkeit garantiert.

Diffusor aus Polycarbonat, UV-beständig, Silikon-Dichtung.

Luminaire for outdoor use for installation in a window compartment with LED light source.

Luminaire body in die-cast aluminum EN AB-47100 (low copper content).

High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.

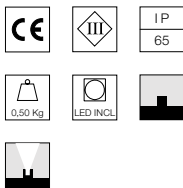
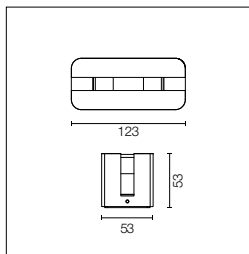
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.

Thanks to the use of a dual LED source and two laminar emitting lenses, it guarantees a coverage of 270° with homogeneous distribution and excellent color uniformity.

UV-stabilized polycarbonate diffuser, silicone seal.

Each luminaire is equipped with a mechanical adjustment system of up to 10° to compensate the tilting of the parapet and thus correctly orient the light beam.

## Fenestra 24V



Externe Stromversorgung (12-24V) muss separat bestellt werden. Mit einem 1.000-mm-Ausgangskabelteil aus Neopren ausgestattet.

12-24V remote power supply to be ordered separately. Equipped with a 1000 mm length outgoing neoprene cable.

**Power Led:** 4W - 274 lm ≠ FIXT 165 lm - 2700K/CRI 80 - 12-24V / 4W - 304 lm ≠ FIXT 183 lm - 3000K/CRI 80 - 12-24V / 4W - 334 lm ≠ FIXT 201 lm - 4000K/CRI 80 - 12-24V

### 2700K

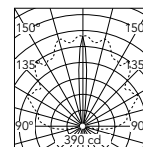
- F2250001
- F2250006
- F2250012
- F2250018
- F2250030
- F2250033

### 3000K

- F2251001
- F2251006
- F2251012
- F2251018
- F2251030
- F2251033

### 4000K

- F2252001
- F2252006
- F2252012
- F2252018
- F2252030
- F2252033

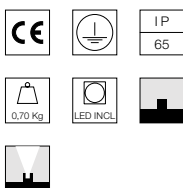
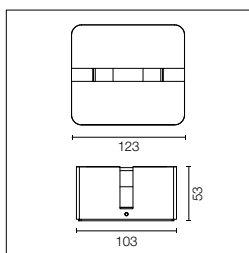


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	390	0.17
2	97	0.34
3	43	0.51
4	24	0.68
5	16	0.85

@4000K

## Fenestra



Stromquelle 100/240 V integriert. Mit einem 1000-mm-Ausgangskabelteil aus Neopren ausgestattet. Dimmbare Version auf Anfrage.

Integrated 100/240V power supply. Equipped with a 1000 mm length outgoing neoprene cable. Dimmable version on request.

**Power Led:** 5,5W - 274 lm ≠ FIXT 165 lm - 2700K/CRI 80 - 100-240V / 5,5W - 304 lm ≠ FIXT 183 lm - 3000K/CRI 80 - 100-240V / 5,5W - 334 lm ≠ FIXT 201 lm - 4000K/CRI 80 - 100-240V

### 2700K

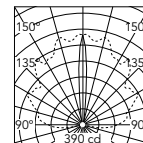
- F2260001
- F2260006
- F2260012
- F2260018
- F2260030
- F2260033

### 3000K

- F2261001
- F2261006
- F2261012
- F2261018
- F2261030
- F2261033

### 4000K

- F2262001
- F2262006
- F2262012
- F2262018
- F2262030
- F2262033

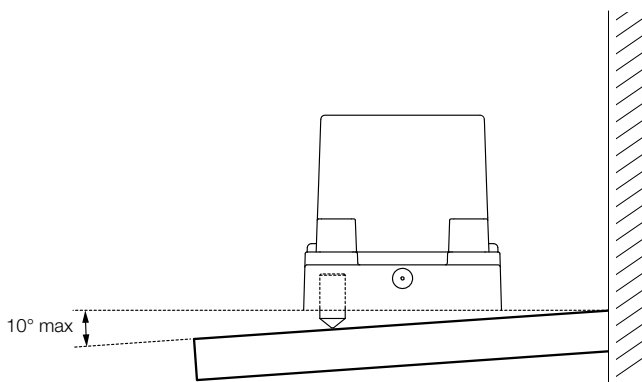


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	390	0.17
2	97	0.34
3	43	0.51
4	24	0.68
5	16	0.85

@4000K

## Einstellen der Leuchte für nicht ebene Auflageflächen Luminaire adjustment for non-planar surfaces

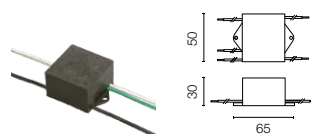


## Fenestra 24V: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000



## Fenestra 24V: Treiber / Drivers

Netzgerät 24V 8W / 110-240V  
IP20 Klasse II selv.

Power supply 24V 8W / 110-  
240V IP20 Class II selv.

\*RF25754



Netzgerät 24V 8W / 110-240V  
IP65 Klasse II selv.

Power supply 24V 8W / 110-  
240V IP65 Class II selv.

\*RF25748



Netzgerät 24V 10W / 110-  
240V IP20 Klasse II selv.

Power supply 24V 10W /110-  
240V IP20 Class II selv.

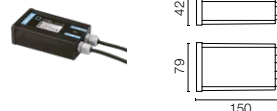
\*RF25747



Netzgerät 24V 10W / 110-  
240V IP67 Klasse II selv.

Power supply 24V 10W /  
110-240V IP67 Class II selv.

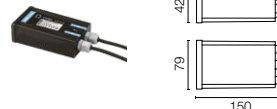
\*RF25757



Netzgerät 24Vdc 35W / 120-  
270V IP67 Klasse II selv.

Power supply 24Vdc 35W /  
120-270V IP67 Class II selv.

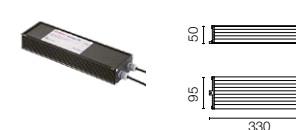
\*F990B23AZ00



Netzgerät 24Vdc 50W / 120-  
240V IP67 Klasse II selv.

Power supply 24Vdc 50W /  
120-240V IP67 Class II selv.

\*F990B28A000



Netzgerät 24Vdc 70W / 220-  
240V IP67 Klasse II selv.

Power supply 24Vdc 70W /  
220-240V IP67 Class II selv.

\*F990B27A000



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

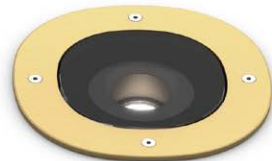
Maximale Leuchten pro  
Stromversorgung (220÷ 240  
V). Diese Angaben müssen  
unter Berücksichtigung der  
spezifischen Installationsbed-  
ingungen überprüft werden.

Maximum number of  
luminaires per power supply.  
(220÷240 V). These data must  
be checked taking into ac-  
count the specific installation  
conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	2
Acc. RF25757	2
Acc. F990B23AZ00	6
Acc. F990B28A000	9
Acc. F990B27A000	13

## A-Round

Designed by Piero Lissoni









A-Round

## Familie / Family

A-Round 315



### Power Led

42W  
3432 lm - 2700K/CRI 80  
3978 lm - 3000K/CRI 80  
4290 lm - 4000K/CRI 80

A-Round 240



### Power Led

21W  
1760 lm - 2700K/CRI 80  
2040 lm - 3000K/CRI 80  
2200 lm - 4000K/CRI 80

A-Round 150



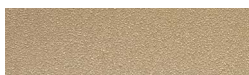
### Power Led

8W  
572 lm - 2700K/CRI 80  
663 lm - 3000K/CRI 80  
715 lm - 4000K/CRI 80

## Ausführungen / Colours



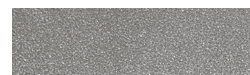
65 Matt Copper



45 Matt Gold



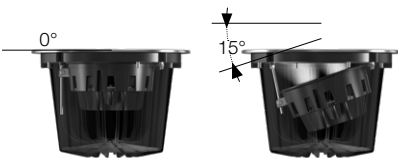
48 Matt Bronze



56 Matt Stainless Steel

Einstellung auf der vertikale Achse: max. 15°

Adjustment on the vertical axis: max 15°



Drehung um die horizontale Achse: max. 359°

Rotation around the horizontal axis: max 359°



## Beschreibung / Description

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Begehbare und befahrbare LED-Bodeneinbaugerät für Außenbereiche, in drei Dimensionen verfügbar, mit verstellbarer und mit unterschiedlichen Konfigurationen einstellbarer Optik.

Äußere Nutmutter aus Edelstahl AISI 316L, die mit dem PVD-Verfahren behandelt wurde (Physikalische Beschichtung aus der Dampfphase).

Dank dieser innovativen Behandlung werden die Oberflächen von A-Round mit einem dünnen Film aus Metallen wie Zirkonium oder Titan versehen, der kombiniert mit dem Stahl auf Molekularebene die Widerstandsfähigkeit gegenüber mechanischen und witterungsbedingten Einflüssen verbessert.

Aus druckgegossenem, kupferarmem Aluminium EN AB-47100 gefertigter Gerätekörper, mit doppelter Lackschicht mit hohem Korrosionswiderstand beschichtet.

Gehärtetes, transparentes Glas mit hoher Widerstandsfähigkeit, siebgedruckt, um die Blendung zu verringern.

Treiber für Ferninstallation eingeschlossen, ausgestattet mit wasserdichtem Schnellanschluss M12.

Für die Installation ist ein Einbaugehäuse notwendig, das separat zu bestellen ist.

Ein entsprechendes Kieselniveau (> 300 mm) oder ein Ablaufsystem muss bereitgestellt werden, um die Entwässerung sicherzustellen und den Wasserrückstau zu verhindern. Um die Widerstandsfähigkeit der Kabelverschraubung zu gewährleisten, müssen biegsame Stromkabel verwendet werden, die für die Anwendung in Außenbereichen geeignet sind.

Ground-recessed luminaire for outdoor use, walkable and trafficable, available in three sizes, with adjustable optics in various configurations.

External body made of stainless steel AISI 316L treated with the PVD process (Physical Vapour Deposition).

Thanks to this innovative treatment, the surfaces of A-Round are coated with a thin film of metals, such as zirconium and titanium which, combining with the steel at the molecular level, increases the resistance to both, mechanical and atmospheric agents, permitting the execution of elegant and durable finishings.

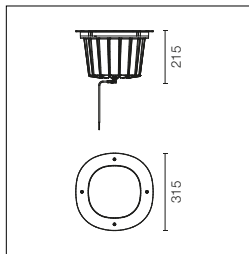
The body of the luminaire is made of die-cast aluminum EN AB-47100 with low copper content, coated with two layers of paint with high resistance to corrosion.

High-strength tempered clear glass, screen-printed to reduce glare.

Driver for remote installation included, provided with M12 quick connector for watertight coupling.

Installation requires a housing for flush mounting, to be ordered separately.

It is necessary to provide an adequate level of gravel (> 300 mm) or a drain system to ensure drainage and avoid water stagnation. To ensure the sealing of the cable gland it is necessary to use flexible electric cables suitable for use in outdoor environments.



Stromquelle 220/240V integriert. Das erforderliche Einbaugehäuse ist separat zu bestellen.  
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontalen Achse: max. 359°.

Integrated 220/240V power supply. Box for installation required, to be ordered separately.  
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 42W - 3432 lm ≠ \*FIXT 3203 lm - 2700K/CRI 80 - 220-240V / 42W - 3978 lm ≠ \*FIXT 3447 lm - 3000K/CRI 80 - 220-240V / 42W - 4290 lm ≠ \*FIXT 3707 lm - 4000K/CRI 80 - 220-240V  
\*FIXT lm = Spot Optic

**Optic Spot**

**2700K**

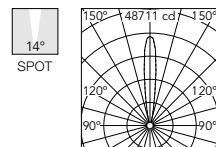
- Non Dimmable
- F4588065.A
  - F4588045.A
  - F4588048.A
  - F4588056.A
- 1-10V
- F4588065-310.A
  - F4588045-310.A
  - F4588048-310.A
  - F4588056-310.A
- Dali
- F4588065-300.A
  - F4588045-300.A
  - F4588048-300.A
  - F4588056-300.A

**3000K**

- Non Dimmable
- F4591065.A
  - F4591045.A
  - F4591048.A
  - F4591056.A
- 1-10V
- F4591065-310.A
  - F4591045-310.A
  - F4591048-310.A
  - F4591056-310.A
- Dali
- F4591065-300.A
  - F4591045-300.A
  - F4591048-300.A
  - F4591056-300.A

**4000K**

- Non Dimmable
- F4594065.A
  - F4594045.A
  - F4594048.A
  - F4594056.A
- 1-10V
- F4594065-310.A
  - F4594045-310.A
  - F4594048-310.A
  - F4594056-310.A
- Dali
- F4594065-300.A
  - F4594045-300.A
  - F4594048-300.A
  - F4594056-300.A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	48711	0.25
2	12178	0.49
3	5412	0.74
4	3044	0.98
5	1948	1.23

@4000K

**Optic Medium**

**2700K**

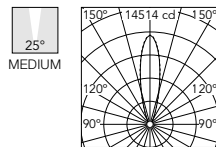
- Non Dimmable
- F4589065.A
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  - F4589048.A
  - F4589056.A
- 1-10V
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  - F4589045-310.A
  - F4589048-310.A
  - F4589056-310.A
- Dali
- F4589065-300.A
  - F4589045-300.A
  - F4589048-300.A
  - F4589056-300.A

**3000K**

- Non Dimmable
- F4592065.A
  - F4592045.A
  - F4592048.A
  - F4592056.A
- 1-10V
- F4592065-310.A
  - F4592045-310.A
  - F4592048-310.A
  - F4592056-310.A
- Dali
- F4592065-300.A
  - F4592045-300.A
  - F4592048-300.A
  - F4592056-300.A

**4000K**

- Non Dimmable
- F4595065.A
  - F4595045.A
  - F4595048.A
  - F4595056.A
- 1-10V
- F4595065-310.A
  - F4595045-310.A
  - F4595048-310.A
  - F4595056-310.A
- Dali
- F4595065-300.A
  - F4595045-300.A
  - F4595048-300.A
  - F4595056-300.A



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	14514	0.43
2	3629	0.86
3	1613	1.29
4	907	1.73
5	581	2.16

@4000K

**Optic Flood**

**2700K**

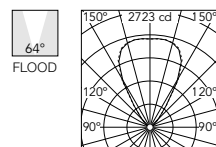
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  - F4590048.A
  - F4590056.A
- 1-10V
- F4590065-310.A
  - F4590045-310.A
  - F4590048-310.A
  - F4590056-310.A
- Dali
- F4590065-300.A
  - F4590045-300.A
  - F4590048-300.A
  - F4590056-300.A

**3000K**

- Non Dimmable
- F4593065.A
  - F4593045.A
  - F4593048.A
  - F4593056.A
- 1-10V
- F4593065-310.A
  - F4593045-310.A
  - F4593048-310.A
  - F4593056-310.A
- Dali
- F4593065-300.A
  - F4593045-300.A
  - F4593048-300.A
  - F4593056-300.A

**4000K**

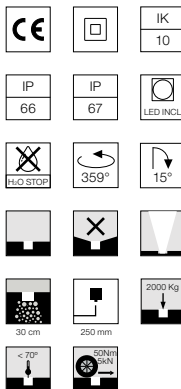
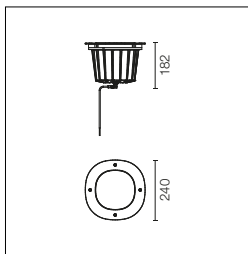
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  - F4596056.A
- 1-10V
- F4596065-310.A
  - F4596045-310.A
  - F4596048-310.A
  - F4596056-310.A
- Dali
- F4596065-300.A
  - F4596045-300.A
  - F4596048-300.A
  - F4596056-300.A



Beam Angle: 64°

h(m)	E(lx)	D(m)
1	2723	1.23
2	681	2.46
3	303	3.69
4	170	4.92
5	109	6.15

@4000K



Stromquelle 220/240V integriert. Das erforderliche Einbaugehäuse ist separat zu bestellen.  
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontalen Achse: max. 359°.

Integrated 220/240V power supply. Box for installation required, to be ordered separately.  
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 21W - 1760 lm ≠ \*FIXT 1623 lm - 2700K/CRI 80 - 220-240V / 21W - 2040 lm ≠ \*FIXT 1747 lm - 3000K/CRI 80 - 220-240V / 21W - 2200 lm ≠ \*FIXT 1878 lm - 4000K/CRI 80 - 220-240V  
\*FIXT lm = Spot Optic

**Optic Spot**

**2700K**

Non Dimmable

- F4579065.A
- F4579045.A
- F4579048.A
- F4579056.A
- 1-10V
- F4579065-310.A
- F4579045-310.A
- F4579048-310.A
- F4579056-310.A
- Dali
- F4579065-300.A
- F4579045-300.A
- F4579048-300.A
- F4579056-300.A

**3000K**

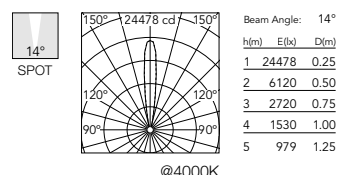
Non Dimmable

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- F4582045.A
- F4582048.A
- F4582056.A
- 1-10V
- F4582065-310.A
- F4582045-310.A
- F4582048-310.A
- F4582056-310.A
- Dali
- F4582065-300.A
- F4582045-300.A
- F4582048-300.A
- F4582056-300.A

**4000K**

Non Dimmable

- F4585065.A
- F4585045.A
- F4585048.A
- F4585056.A
- 1-10V
- F4585065-310.A
- F4585045-310.A
- F4585048-310.A
- F4585056-310.A
- Dali
- F4585065-300.A
- F4585045-300.A
- F4585048-300.A
- F4585056-300.A



**Optic Medium**

**2700K**

Non Dimmable

- F4580065.A
- F4580045.A
- F4580048.A
- F4580056.A
- 1-10V
- F4580065-310.A
- F4580045-310.A
- F4580048-310.A
- F4580056-310.A
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**3000K**

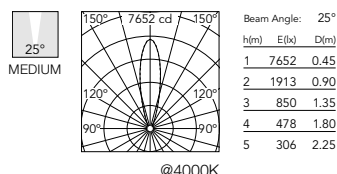
Non Dimmable

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- F4583048.A
- F4583056.A
- 1-10V
- F4583065-310.A
- F4583045-310.A
- F4583048-310.A
- F4583056-310.A
- Dali
- F4583065-300.A
- F4583045-300.A
- F4583048-300.A
- F4583056-300.A

**4000K**

Non Dimmable

- F4586065.A
- F4586045.A
- F4586048.A
- F4586056.A
- 1-10V
- F4586065-310.A
- F4586045-310.A
- F4586048-310.A
- F4586056-310.A
- Dali
- F4586065-300.A
- F4586045-300.A
- F4586048-300.A
- F4586056-300.A



**Optic Flood**

**2700K**

Non Dimmable

- F4581065.A
- F4581045.A
- F4581048.A
- F4581056.A
- 1-10V
- F4581065-310.A
- F4581045-310.A
- F4581048-310.A
- F4581056-310.A
- Dali
- F4581065-300.A
- F4581045-300.A
- F4581048-300.A
- F4581056-300.A

**3000K**

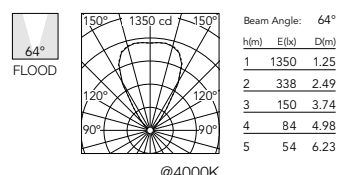
Non Dimmable

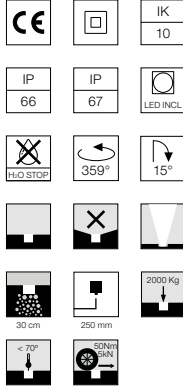
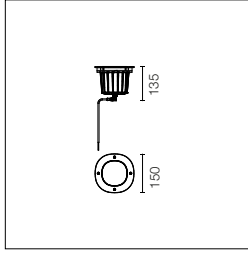
- F4584065.A
- F4584045.A
- F4584048.A
- F4584056.A
- 1-10V
- F4584065-310.A
- F4584045-310.A
- F4584048-310.A
- F4584056-310.A
- Dali
- F4584065-300.A
- F4584045-300.A
- F4584048-300.A
- F4584056-300.A

**4000K**

Non Dimmable

- F4587065.A
- F4587045.A
- F4587048.A
- F4587056.A
- 1-10V
- F4587065-310.A
- F4587045-310.A
- F4587048-310.A
- F4587056-310.A
- Dali
- F4587065-300.A
- F4587045-300.A
- F4587048-300.A
- F4587056-300.A





Stromquelle 110/240V integriert. Das erforderliche Einbaugeschloß ist separat zu bestellen. Dimmbare Version auf Anfrage.  
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontale Achse: max. 359°.

Integrated 110/240V power supply. Box for installation required, to be ordered separately. Dimmable version on request.  
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 8W - 572 lm ≠ \*FIXT 536 lm - 2700K/CRI 80 - 110-240V / 8W - 663 lm ≠ \*FIXT 576 lm - 3000K/CRI 80 - 110-240V / 8W - 715 lm ≠ \*FIXT 620 lm - 4000K/CRI 80 - 110-240V  
\*FIXT lm = Spot Optic

**Optic Spot**

**2700K**

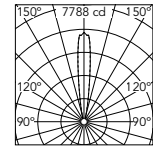
- F4570065.A
- F4570045.A
- F4570048.A
- F4570056.A

**3000K**

- F4573065.A
- F4573045.A
- F4573048.A
- F4573056.A

**4000K**

- F4576065.A
- F4576045.A
- F4576048.A
- F4576056.A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	7788	0.25
2	1947	0.50
3	865	0.76
4	487	1.01
5	312	1.26

@4000K

**Optic Medium**

**2700K**

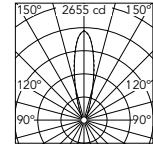
- F4571065.A
- F4571045.A
- F4571048.A
- F4571056.A

**3000K**

- F4574065.A
- F4574045.A
- F4574048.A
- F4574056.A

**4000K**

- F4577065.A
- F4577045.A
- F4577048.A
- F4577056.A



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2655	0.43
2	664	0.86
3	295	1.28
4	166	1.71
5	106	2.14

@4000K

**Optic Flood**

**2700K**

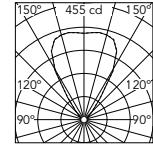
- F4572065.A
- F4572045.A
- F4572048.A
- F4572056.A

**3000K**

- F4575065.A
- F4575045.A
- F4575048.A
- F4575056.A

**4000K**

- F4578065.A
- F4578045.A
- F4578048.A
- F4578056.A




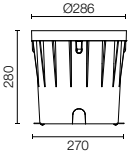



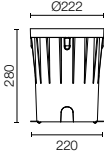



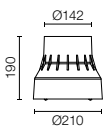

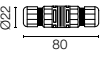

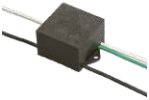
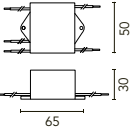


Beam Angle: 64°

h(m)	E(lx)	D(m)
1	455	1.26
2	114	2.51
3	51	3.77
4	28	5.03
5	18	6.28

@4000K

## A-Round: Zubehörteile / Accessories

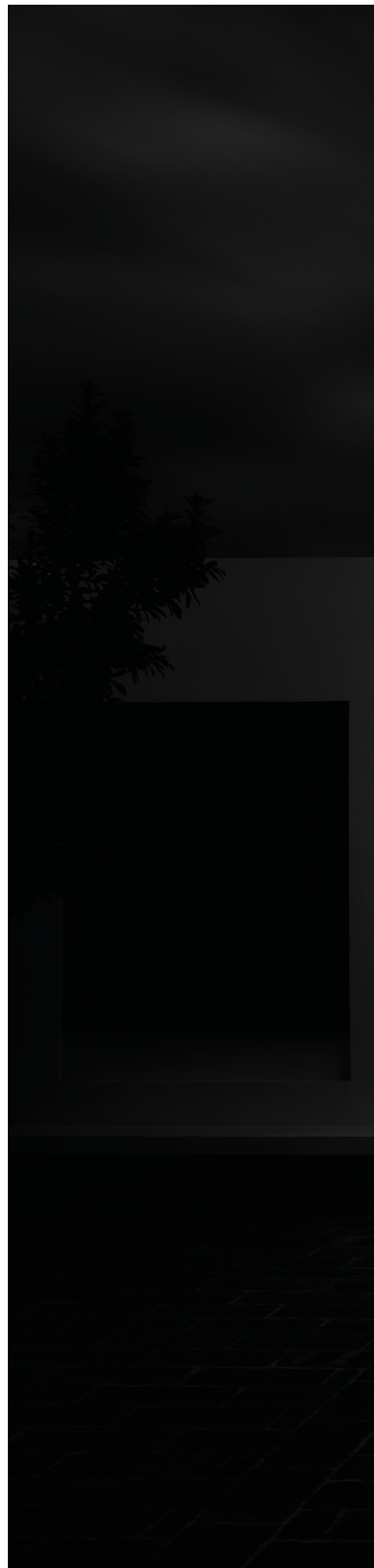
Honeycomb.	Honeycomb.	A-Round 315 - 4 Units Kit F4557000		
Floodlinse.	Flood lens.	A-Round 315 - 4 Units Kit F4560000		
Einbaugehäuse.	Box for installation.	A-Round 315 F4599000		
Honeycomb.	Honeycomb.	A-Round 240 - 4 Units Kit F4556000		
Floodlinse.	Flood lens.	A-Round 240 - 4 Units Kit F4559000		
Einbaugehäuse.	Box for installation.	A-Round 240 F4598000		
Honeycomb.	Honeycomb.	A-Round 150 - 4 Units Kit F4555000		
Floodlinse.	Flood lens.	A-Round 150 - 4 Units Kit F4558000		
Einbaugehäuse.	Box for installation.	A-Round 150 F4597000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	F990C010000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

## **A-Rise**





A-Rise





A-Rise 290



**Power Led**

up to 39W  
 up to 2956 lm - 2700K/CRI 80  
 up to 3167 lm - 3000K/CRI 80  
 up to 3273 lm - 4000K/CRI 80  
 \* Net lumen output  
 2200K available on request.

**CoB Led**

up to 38W  
 up to 3093 lm - 2700K/CRI 80  
 up to 3326 lm - 3000K/CRI 80  
 up to 3411 lm - 4000K/CRI 80  
 \* Net lumen output

A-Rise 225



**Power Led**

up to 21W  
 up to 1478 lm - 2700K/CRI 80  
 up to 1584 lm - 3000K/CRI 80  
 up to 1636 lm - 4000K/CRI 80  
 \* Net lumen output  
 2200K available on request.

**CoB Led**

up to 21W  
 up to 1739 lm - 2700K/CRI 80  
 up to 1870 lm - 3000K/CRI 80  
 up to 1961 lm - 4000K/CRI 80  
 \* Net lumen output

A-Rise 145



**Power Led**

up to 8W  
 up to 472 lm - 2700K/CRI 80  
 up to 507 lm - 3000K/CRI 80  
 up to 583 lm - 4000K/CRI 80  
 \* Net lumen output

**CoB Led**

up to 9W  
 up to 545 lm - 2700K/CRI 80  
 up to 586 lm - 3000K/CRI 80  
 up to 610 lm - 4000K/CRI 80  
 \* Net lumen output

A-Rise 130



**Mid - Power Led**

up to 7W  
 up to 453 lm - 3000K/CRI 80  
 up to 479 lm - 4000K/CRI 80  
 \* Net lumen output

A-Rise 65



**Power Led**

up to 3,4W  
 up to 138 lm - 2700K/CRI 80  
 up to 149 lm - 3000K/CRI 80  
 up to 155 lm - 4000K/CRI 80  
 \* Net lumen output  
 2200K available on request.

A-Rise 65 High Emission



**Power Led**

up to 4,5W  
 up to 246 lm - 2700K/CRI 80  
 up to 267 lm - 3000K/CRI 80  
 up to 277 lm - 4000K/CRI 80  
 \* Net lumen output  
 2200K available on request.

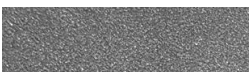
A-Rise 49



**Power Led**

up to 2,3W  
 up to 106 lm - 2700K/CRI 80  
 up to 115 lm - 3000K/CRI 80  
 up to 119 lm - 4000K/CRI 80  
 \* Net lumen output  
 2200K available on request.

**Ausführungen / Colours**



56 Matt Stainless Steel

Komplette Familie von Bodeneinbauleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geschwungenen Linien aus, die sich an unterschiedliche architektonische Einbaubedingungen anpassen. Erhältlich in verschiedenen Dimensionen mit verschiedenen Abstrahlwinkeln. Äußere Hauben aus Edelstahl 316L, kugelgestrahlt zur Verbesserung der Widerstandsfähigkeit und der Ästhetik mit einer leicht satinierten Oberfläche. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

### **A-Rise 145 / 225 / 290**

Begehbare Bodeneinbauleuchte. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Ausgestattet mit einem auf der vertikalen Achse neigbaren und auf der horizontalen Achse verstellbaren Visier zur Einstellung der Helligkeit und zur perfekten Anpassung an den gewünschten Effekt auf der Oberfläche. Die rückwärtige Position der Lichtquelle trägt zu einer erheblichen Reduzierung der Direktblendung bei und sorgt so für einen hohen Sehkomfort. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Der Außendeckel ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Gehärtetes, transparentes Glas für höhere Widerstandsfähigkeit, mit Siebdruck zur Reduzierung der Direktblendung. Befestigung am Ring der Außenhaube durch ein Roboterklebesystem. Ausgestattet mit einem wasserdichten M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht, zusammen mit einem ferngesteuerten IP66/67-Kit, das in der Einbaudose installiert werden muss.

### **A-Rise 130**

Begehbare Bodeneinbauleuchte, die sich durch eine flache Aussparung auszeichnet, die den Einbau in 80 mm starke Trennwände ermöglicht. Breiter Abstrahlwinkel für einen glatten und diffusen Lichtstrahl. Erhältlich in zwei Leistungsfaktoren und zwei Lichtströmen, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Außenhaube aus kugelgestrahltem Edelstahl AISI 316L. Mattierter Glas-Diffusor, mit Siebdruck in der Mitte, um die Blendung zu reduzieren, und mit einem Roboterklebesystem befestigt. Erhältlich in zwei Versionen: 24V und Netzspannung LED-Modul. Die 24-V-Version benötigt eine Fernstromversorgung, die separat bestellt werden muss.

### **A-Rise 49 / A-Rise 65**

Federbelastete Version der begehbaren Bodeneinbauleuchte, die für den Einbau in Wände oder Zwischendecken konzipiert ist. Erhältlich in zwei verschiedenen Durchmessern, sie zeichnet sich durch ihre kompakte Form und das Fehlen von sichtbaren Schrauben aus. Erhältlich mit verschiedenen Lichtstreuungen und Abstrahlwinkeln. Die leicht rückwärtige Position der Lichtquelle trägt dazu bei, die Direktblendung zu reduzieren. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Außenhaube aus kugelgestrahltem Edelstahl 316L. Transparenter Polycarbonatdiffusor für eng- und mittelstrahlende Versionen und opaler Polycarbonatdiffusor für diffuse Lichtversionen. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

Complete family of ground recessed luminaires with LED source. They are characterized by their curved lines, which adapt to different architectural installation conditions. Available in different sizes and different beam angles. External caps made of 316L stainless steel, shot-blasted to improve its resistance to stress and its aesthetics with a slightly satin finish. The fixing screws are made of AISI 316L stainless steel. The installation requires a recessed box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

### **A-Rise 145 / 225 / 290**

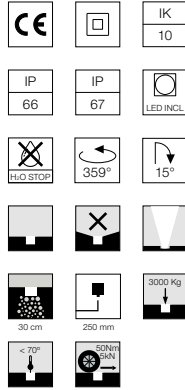
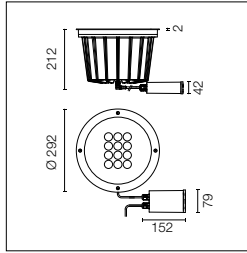
Ground recessed and walk-over luminaire. Available in three different diameters and different beam angles. Equipped with a visor that tilts on the vertical axis and that is adjustable on the horizontal axis in order to adjust brightness and to perfectly adapt it to the desired effect on the surface. The rear position of the light source contributes to a considerable reduction of direct glare, thus ensuring excellent visual comfort. The structure and sink are made of EN AB-47100 die-cast aluminum (with low copper content), coated with a double layer of highly corrosion-resistant paint. The external cap is made of AISI 316L shot-blasted stainless steel. Tempered, transparent glass for higher resistance, silkscreened in order to reduce glare. Fixed to the ring of the external cap through a robotic gluing system. Equipped with an M12 watertight screw-on connector which completely isolates it from water infiltration and guarantees a quick connection with the supplied wiring, together with a remote IP66/67 kit to be installed in the box for recessing.

### **A-Rise 130**

Ground recessed and walk-over luminaire characterized by a shallow recessing which allows its installation in 80 mm partition walls. Wide beam angle for a smooth and diffused light. Available in two power factors and two luminous fluxes to meet different lighting requirements. EN AB-47100 die-cast aluminium structure and sink (with low copper content), coated with a double layer of highly corrosion-resistant paint. AISI 316L shot-blasted stainless steel external cap. Frosted glass diffuser, silkscreened at the center in order to reduce glare and fixed through a robotic gluing system. Available in two versions: 24V and line voltage LED module. The 24V version requires a remote power supply to be ordered separately.

### **A-Rise 49 / A-Rise 65**

Spring-loaded version of the ground recessed and walk-over luminaire, designed to be recessed in walls or false ceilings. Available in two different diameters, it is characterized by its compact shape and the absence of visible screws. Available with different light diffusion and beam angles. The slightly rear position of the light source contributes to reduce the direct glare. Structure in turned aluminium, EN AW 6060 alloy, anodized for better resistance to corrosion. 316L shot-blasted stainless steel external cap. Transparent polycarbonate diffuser for narrow and medium beam versions and opal polycarbonate diffuser for diffused light versions. The 24V dc luminaire is powered by a remote power supply to be ordered separately.



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2956 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3167 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3273 lm - 4000K/CRI 80 - 220÷240V

**2700K**

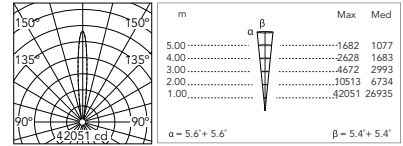
- Non Dimmable
- FA53406356
- 1-10V
- FA53406356-310
- Dali
- FA53406356-300

**3000K**

- Non Dimmable
- FA53403756
- 1-10V
- FA53403756-310
- Dali
- FA53403756-300

**4000K**

- Non Dimmable
- FA53403656
- 1-10V
- FA53403656-310
- Dali
- FA53403656-300



@ 3000K

**Optic Medium 35°**

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2722 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 2917 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3014 lm - 4000K/CRI 80 - 220÷240V

**2700K**

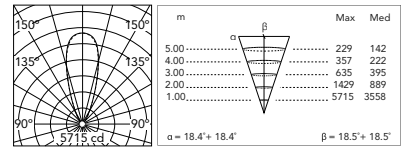
- Non Dimmable
- FA53406456
- 1-10V
- FA53406456-310
- Dali
- FA53406456-300

**3000K**

- Non Dimmable
- FA53404056
- 1-10V
- FA53404056-310
- Dali
- FA53404056-300

**4000K**

- Non Dimmable
- FA53403956
- 1-10V
- FA53403956-310
- Dali
- FA53403956-300



@ 3000K

**Optic Flood 70°**

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2918 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3126 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3230 lm - 4000K/CRI 80 - 220÷240V

**2700K**

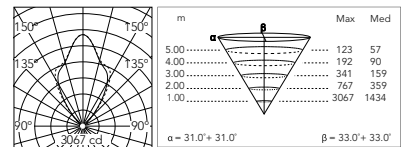
- Non Dimmable
- FA53406556
- 1-10V
- FA53406556-310
- Dali
- FA53406556-300

**3000K**

- Non Dimmable
- FA53404356
- 1-10V
- FA53404356-310
- Dali
- FA53404356-300

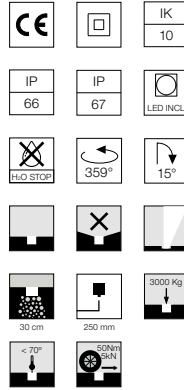
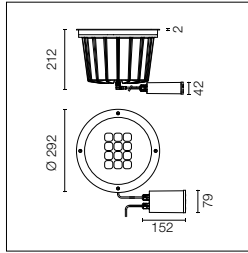
**4000K**

- Non Dimmable
- FA53404256
- 1-10V
- FA53404256-310
- Dali
- FA53404256-300



@ 3000K

## A-Rise 290 Wall Washer



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Asymmetric 54°x 66°

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2840 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3043 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3144 lm - 4000K/CRI 80 - 220÷240V

#### 2700K

Non Dimmable

- FA53406656
- FA53406656-310
- FA53406656-300

#### 3000K

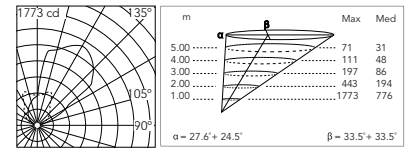
Non Dimmable

- FA53404656
- FA53404656-310
- FA53404656-300

#### 4000K

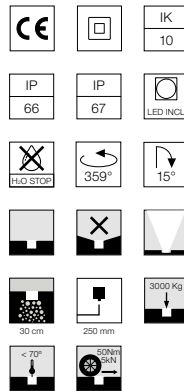
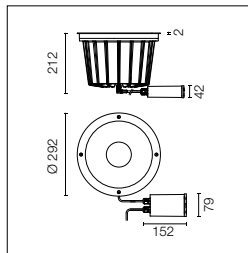
Non Dimmable

- FA53404556
- FA53404556-310
- FA53404556-300



© 3000K

## A-Rise 290 High Emission



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass.

### Optic Medium 40°

**CoB Led:** 38W - 4078 lm ≠ OUTPUT 3093 lm - 2700K/CRI 80 - 220÷240V / 38W - 4385 lm ≠ OUTPUT 3326 lm - 3000K/CRI 80 - 220÷240V / 38W - 4496 lm ≠ OUTPUT 3411 lm - 4000K/CRI 80 - 220÷240V

#### 2700K

Non Dimmable

- FA53406756
- FA53406756-310.A
- FA53406756-300

#### 3000K

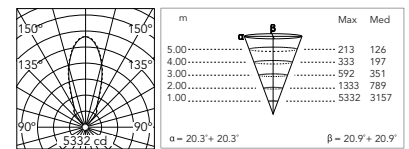
Non Dimmable

- FA53404856.A
- FA53404856-310.A
- FA53404856-300.A

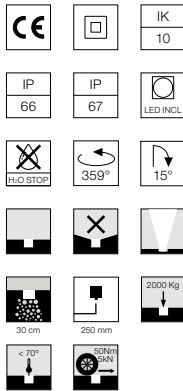
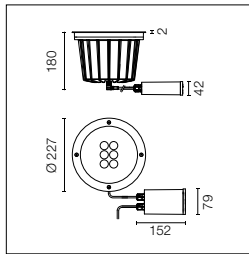
#### 4000K

Non Dimmable

- FA53404756
- FA53404756-310.A
- FA53404756-300



© 3000K



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.  
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.  
Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1478 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1584 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1636 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53405756
- 1-10V
- FA53405756-310
- Dali
- FA53405756-300

**3000K**

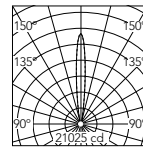
Non Dimmable

- FA53402156
- 1-10V
- FA53402156-310
- Dali
- FA53402156-300

**4000K**

Non Dimmable

- FA53402056
- 1-10V
- FA53402056-310
- Dali
- FA53402056-300



m	Max	Med
5,00	841	539
4,00	1314	842
3,00	2336	1496
2,00	5256	3367
1,00	21025	13468

$\alpha = 5.6^{\circ} + 5.6^{\circ}$        $\beta = 5.4^{\circ} + 5.4^{\circ}$

@ 3000K

**Optic Medium 35°**

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1361 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1458 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1507 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53405856
- 1-10V
- FA53405856-310
- Dali
- FA53405856-300

**3000K**

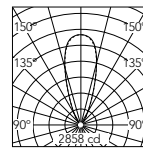
Non Dimmable

- FA53402456
- 1-10V
- FA53402456-310
- Dali
- FA53402456-300

**4000K**

Non Dimmable

- FA53402356
- 1-10V
- FA53402356-310
- Dali
- FA53402356-300



m	Max	Med
5,00	114	71
4,00	179	111
3,00	318	198
2,00	714	445
1,00	2858	1779

$\alpha = 18.4^{\circ} + 18.4^{\circ}$        $\beta = 18.5^{\circ} + 18.5^{\circ}$

@ 3000K

**Optic Flood 70°**

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1459 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1563 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1615 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53405956
- 1-10V
- FA53405956-310
- Dali
- FA53405956-300

**3000K**

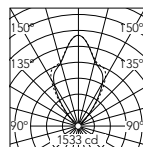
Non Dimmable

- FA53402756
- 1-10V
- FA53402756-310
- Dali
- FA53402756-300

**4000K**

Non Dimmable

- FA53402656
- 1-10V
- FA53402656-310
- Dali
- FA53402656-300



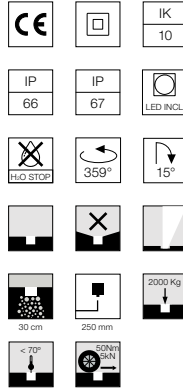
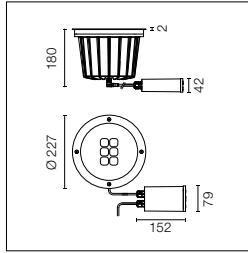
m	Max	Med
5,00	61	29
4,00	96	45
3,00	170	80
2,00	383	179
1,00	1533	717

$\alpha = 31.0^{\circ} + 31.0^{\circ}$        $\beta = 33.0^{\circ} + 33.0^{\circ}$

@ 3000K



## A-Rise 225 Wall Washer



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Asymmetric 54°x 66°

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1420 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1521 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1572 lm - 4000K/CRI 80 - 220÷240V

#### 2700K

Non Dimmable

- FA53406056
- FA53406056-1-10V
- FA53406056-310
- FA53406056-Dali
- FA53406056-300

#### 3000K

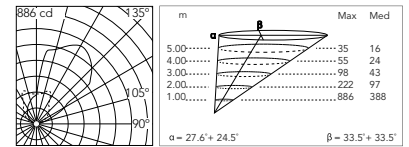
Non Dimmable

- FA53403056
- FA53403056-1-10V
- FA53403056-310
- FA53403056-Dali
- FA53403056-300

#### 4000K

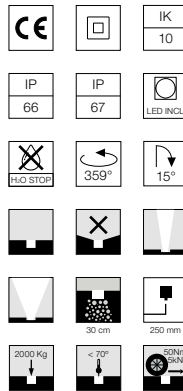
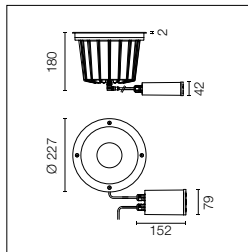
Non Dimmable

- FA53402956
- FA53402956-1-10V
- FA53402956-310
- FA53402956-Dali
- FA53402956-300



@ 3000K

## A-Rise 225 High Emission



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass.

### Optic Spot 16°

**CoB Led:** 21W - 2246 lm ≠ OUTPUT 1739 lm - 2700K/CRI 80 - 220÷240V / 21W - 2415 lm ≠ OUTPUT 1870 lm - 3000K/CRI 80 - 220÷240V / 21W - 2533 lm ≠ OUTPUT 1961 lm - 4000K/CRI 80 - 220÷240V

#### 2700K

Non Dimmable

- FA53406156.A
- FA53406156-1-10V
- FA53406156-310.A
- FA53406156-Dali
- FA53406156-300.B

#### 3000K

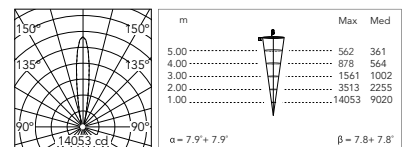
Non Dimmable

- FA53403256
- FA53403256-1-10V
- FA53403256-310
- FA53403256-Dali
- FA53403256-300.A

#### 4000K

Non Dimmable

- FA53403156.A
- FA53403156-1-10V
- FA53403156-310.A
- FA53403156-Dali
- FA53403156-300.B



@ 3000K

### Optic Medium 40°

**CoB Led:** 21W - 2246 lm ≠ OUTPUT 1673 lm - 2700K/CRI 80 - 220÷240V / 21W - 2415 lm ≠ OUTPUT 1799 lm - 3000K/CRI 80 - 220÷240V / 21W - 2533 lm ≠ OUTPUT 1886 lm - 4000K/CRI 80 - 220÷240V

#### 2700K

Non Dimmable

- FA53406256.A
- FA53406256-1-10V
- FA53406256-310.A
- FA53406256-Dali
- FA53406256-300.B

#### 3000K

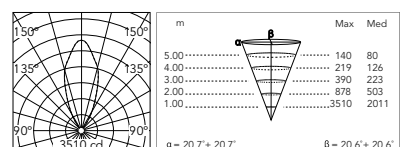
Non Dimmable

- FA53403456
- FA53403456-1-10V
- FA53403456-310
- FA53403456-Dali
- FA53403456-300.A

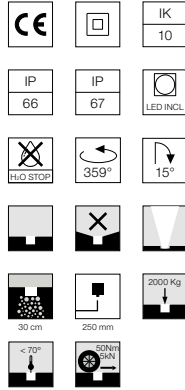
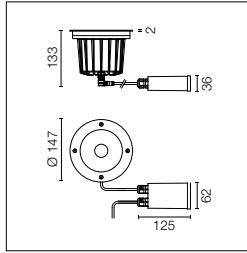
#### 4000K

Non Dimmable

- FA53403356.A
- FA53403356-1-10V
- FA53403356-310.A
- FA53403356-Dali
- FA53403356-300.B



@ 3000K



Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 8W - 509 lm ≠ OUTPUT 451 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 485 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 558 lm - 4000K/CRI 80 - 220÷240V

**2700K**

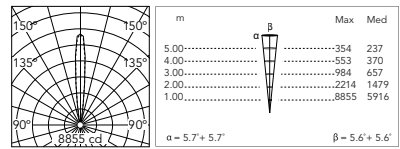
- FA53405156.A

**3000K**

- FA53400356.A

**4000K**

- FA53400256.A



@ 3000K

**Optic Medium 24°**

**Power Led:** 8W - 509 lm ≠ OUTPUT 472 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 507 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 583 lm - 4000K/CRI 80 - 220÷240V

**2700K**

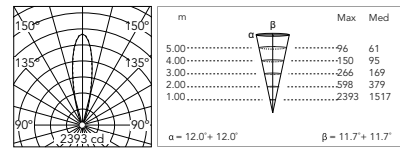
- FA53405256.A

**3000K**

- FA53400656.A

**4000K**

- FA53400556.A



@ 3000K

**Optic Flood 50°**

**Power Led:** 8W - 509 lm ≠ OUTPUT 433 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 466 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 536 lm - 4000K/CRI 80 - 220÷240V

**2700K**

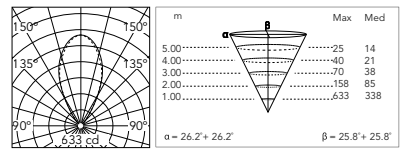
- FA53405356.A

**3000K**

- FA53400956.A

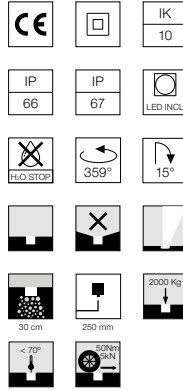
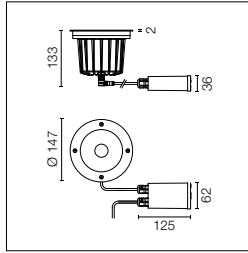
**4000K**

- FA53400856.A



@ 3000K

## A-Rise 145 Wall Washer



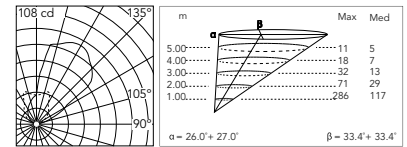
Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

### Optic Asymmetric 54° x 66°

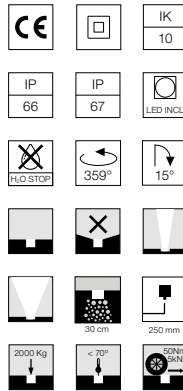
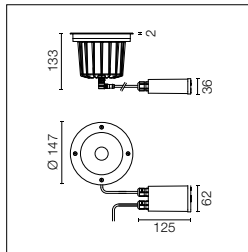
**Power Led:** 8W - 509 lm ≠ OUTPUT 413 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 444 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 511 lm - 4000K/CRI 80 - 220÷240V

- 2700K**  
● FA53405456.A
- 3000K**  
● FA53401256.A
- 4000K**  
● FA53401156.A



@ 3000K

## A-Rise 145 High Emission



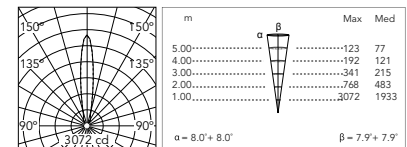
Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

### Optic Spot 16°

**CoB Led:** 9W - 857 lm ≠ OUTPUT 518 lm - 2700K/CRI 80 - 220÷240V / 9W - 922 lm ≠ OUTPUT 557 lm - 3000K/CRI 80 - 220÷240V / 9W - 959 lm ≠ OUTPUT 579 lm - 4000K/CRI 80 - 220÷240V

- 2700K**  
● FA53405556
- 3000K**  
● FA53401556
- 4000K**  
● FA53401456

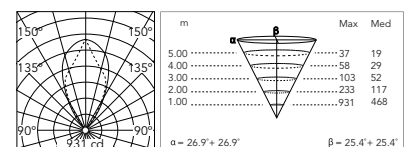


@ 3000K

### Optic Flood 50°

**CoB Led:** 9W - 857 lm ≠ OUTPUT 545 lm - 2700K/CRI 80 - 220÷240V / 9W - 922 lm ≠ OUTPUT 586 lm - 3000K/CRI 80 - 220÷240V / 9W - 959 lm ≠ OUTPUT 610 lm - 4000K/CRI 80 - 220÷240V

- 2700K**  
● FA53405656
- 3000K**  
● FA53401856
- 4000K**  
● FA53401756

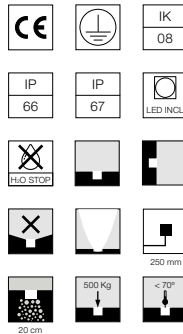
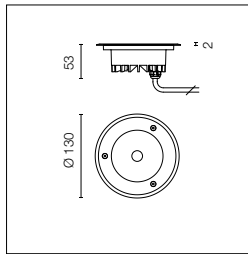


@ 3000K

## A-Rise: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	A-Rise 290 F4599000		
Einbaugehäuse.	Box for installation.	A-Rise 225 F4598000		
Einbaugehäuse.	Box for installation.	A-Rise 145 F4597000		
Verbindungssystem, IP68, 2-Wege-H <sub>2</sub> O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H <sub>2</sub> O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C010000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10kA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10kA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

## A-Rise 130 HP



Inklusive LED-Lichtquelle. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem integriertem 2-Wege, 3-poligen H2O Anschlussystem, der die Dichtigkeit des Anschlusses garantiert. Mattiertes Glas.

Mains voltage LED light source included. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated 2-way, 3-pole H2O STOP connection system guaranteeing the water tightness of the connection. Frosted glass.

### Optic Wide Flood 96°

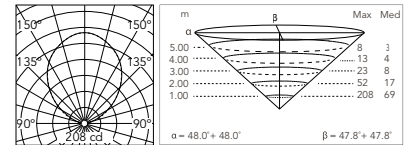
**Mid-Power Led:** 7W - 525 lm ≠ OUTPUT 453 lm - 3000K/CRI 80 - 220-230V / 7W - 555 lm ≠ OUTPUT 479 lm - 4000K/CRI 80 - 220-230V

**3000K**

● FA53000356.A

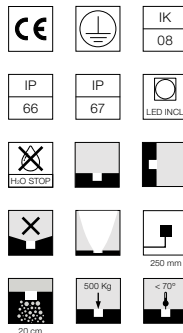
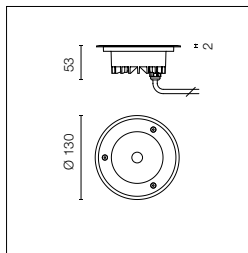
**4000K**

● FA53000256.A



@ 4000K

## A-Rise 130



Inklusive LED-Lichtquelle. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem integriertem 2-Wege, 3-poligen H2O Anschlussystem, der die Dichtigkeit des Anschlusses garantiert. Mattiertes Glas.

Mains voltage LED light source included. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated 2-way, 3-pole H2O STOP connection system guaranteeing the water tightness of the connection. Frosted glass.

### Optic Wide Flood 120°

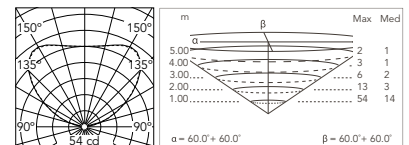
**Mid-Power Led:** 4W - 380 lm ≠ OUTPUT 189 lm - 3000K/CRI 80 - 220.230V / 4W - 400 lm ≠ OUTPUT 199 lm - 4000K/CRI 80 - 220.230V

**3000K**

● FA53000856.A

**4000K**

● FA53000756.A



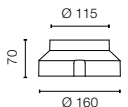
@ 4000K

## A-Rise 130: Zubehörteile / Accessories

Einbaugehäuse.

Box for installation.

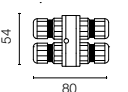
FA50



Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, ( $\varnothing 5,5 \div 12$ mm Kabel).

3/4 way terminal block 4 poles IP68 H2O Stop. ( $\varnothing 5,5 \div 12$ mm cable).

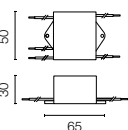
F990C010000



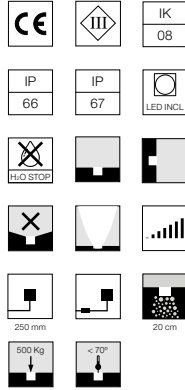
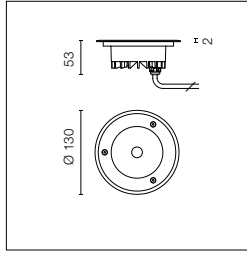
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



## A-Rise 130 HP Low Voltage



Inklusive LED-Lichtquelle. 240V Fernstromversorgung, die separat bestellt werden muss, ON-OFF und dimmbar 1-10V oder DALI. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas.

LED light source included. 24V remote electric power supply to be ordered separately, ON/OFF and adjustable light intensity from 1 to 10V or DALI. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Frosted glass.

### Optic Wide Flood 96°

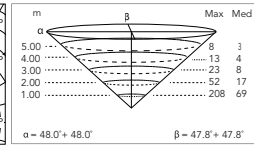
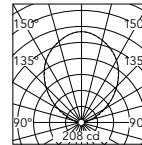
**Mid-Power Led:** 7,3W - 707 lm ≠ OUTPUT 380 lm - 3000K/CRI 80 - 24Vdc / 7,3W - 734 lm ≠ OUTPUT 394 lm - 4000K/CRI 80 - 24Vdc

#### 3000K

Dimmable  
● FA53000656

#### 4000K

Dimmable  
● FA53000556



© 4000K

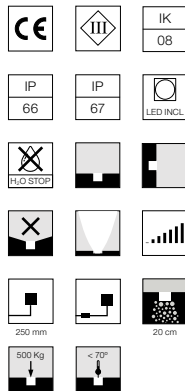
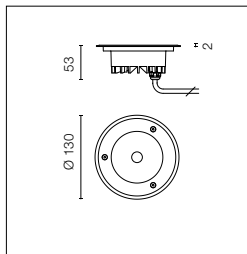
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

Acc. RF25747	1	Acc. RF25752	2
Acc. RF25757	1	Acc. F990B28A000	7
Acc. RF25750	2	Acc. F990B27A000	9
Acc. F990B21A000	2	Acc. F990B29A000	12
Acc. RF26387.A	2		

## A-Rise 130 Low Voltage



Inklusive LED-Lichtquelle. 240V Fernstromversorgung, die separat bestellt werden muss, ON-OFF und dimmbar 1-10V oder DALI. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas.

LED light source included. 24V remote electric power supply to be ordered separately, ON/OFF and adjustable light intensity from 1 to 10V or DALI. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Frosted glass.

### Optic Wide Flood 120°

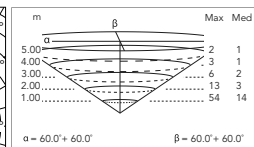
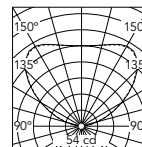
**Mid-Power Led:** 4W - 360 lm ≠ OUTPUT 190 lm - 3000K/CRI 80 - 24Vdc / 4W - 380 lm ≠ OUTPUT 200 lm - 4000K/CRI 80 - 24Vdc

#### 3000K

Dimmable  
● FA530001056

#### 4000K

Dimmable  
● FA53000956



© 4000K



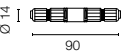
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.


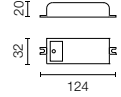

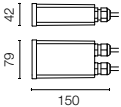


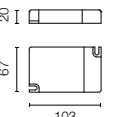


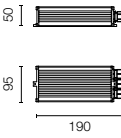


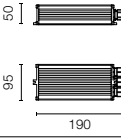

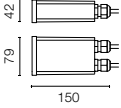

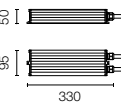

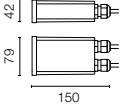

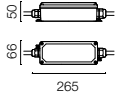

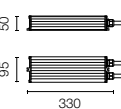
Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

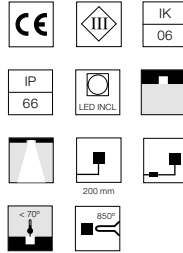
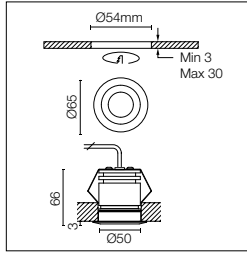
Acc. RF25747	2	Acc. RF25752	4
Acc. RF25757	2	Acc. F990B28A000	12
Acc. RF25750	4	Acc. F990B27A000	16
Acc. F990B21A000	4	Acc. F990B29A000	21
Acc. RF26387.A	4		

## A-Rise 130 Low Voltage: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	FA50		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation.	F990C050000		

## A-Rise 130 Low Voltage: Treiber / Drivers

Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Ferneinbau 24Vdc 17W / N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	*RF25750  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. page 830.		
Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.	Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II selv.	*F990B21A000  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	*RF26387.A  Dimmable DALI See Wiring Diagram n.4. page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	*RF25752		
Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv.	*F990B29A000		



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

Optic Spot 10°

Power Led: 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

2700K

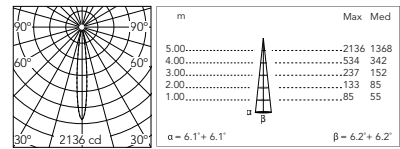
- FA51820556

3000K

- FA51800656

4000K

- FA51800556



@ 3000K

Optic Medium 30°

Power Led: 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

2700K

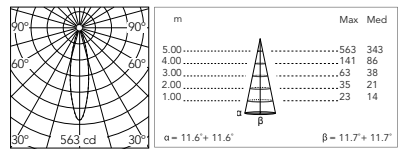
- FA51820856

3000K

- FA51800956

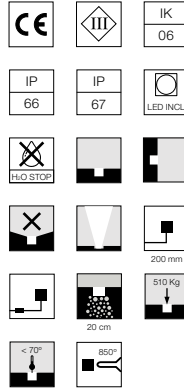
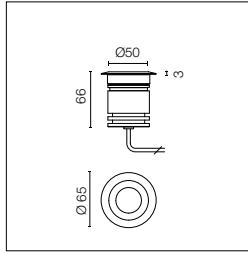
4000K

- FA51800856



@ 3000K





Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

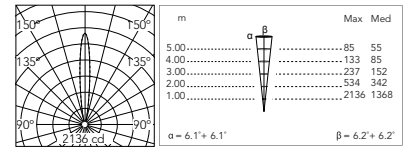
2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

- 2700K**  
● FA51820256
- 3000K**  
● FA51800356
- 4000K**  
● FA51800256

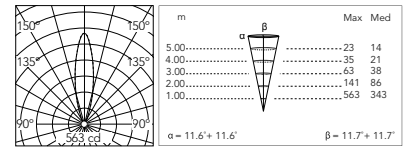


@ 3000K

**Optic Medium 30°**

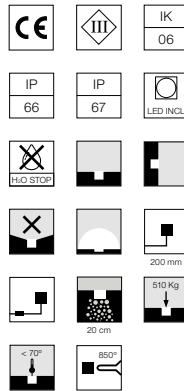
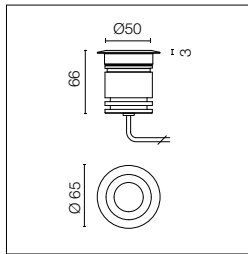
**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

- 2700K**  
● FA51821256
- 3000K**  
● FA51801356
- 4000K**  
● FA51801256



@ 3000K

**A-Rise 65 Opal**



Inklusive LED-Lichtquelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Opaler Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED light source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Opal polycarbonate diffuser. Adjustable light intensity version available upon request.

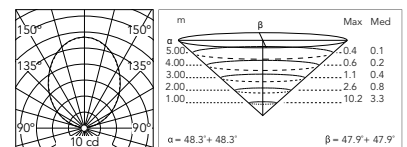
2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Wide Flood 100°**

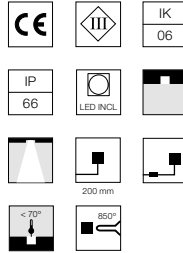
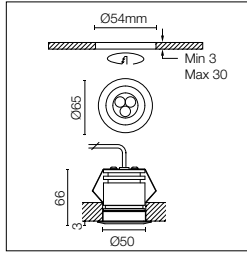
**Power Led:** 3,4W - 169 lm ≠ OUTPUT 20 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm ≠ OUTPUT 22 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm ≠ OUTPUT 24 lm - 4000K/CRI 80 - 24Vdc

- 2700K**  
● FA51823456
- 3000K**  
● FA51803556
- 4000K**  
● FA51803456



@ 4000K

## A-Rise 65 HP Ceiling



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

### Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

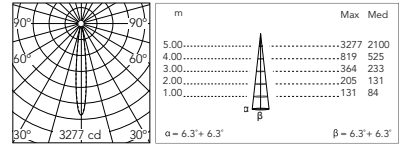
● FA51821556

#### 3000K

● FA51801656

#### 4000K

● FA51801556



@ 3000K

### Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

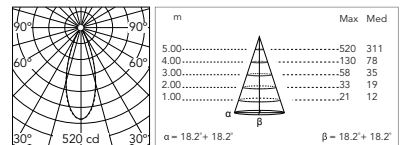
● FA51822556

#### 3000K

● FA51802656

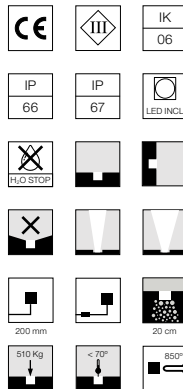
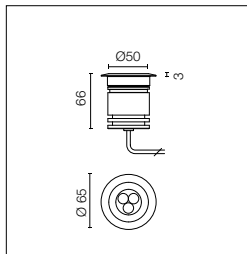
#### 4000K

● FA51802556



@ 3000K

## A-Rise 65 HP



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

### Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

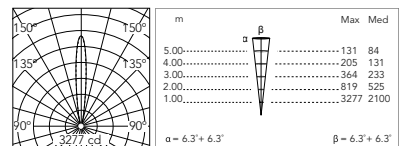
● FA51822256

#### 3000K

● FA51802356

#### 4000K

● FA51802256



@ 3000K

### Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

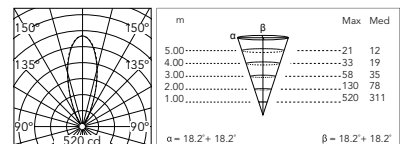
● FA51823256

#### 3000K

● FA51803356


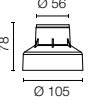

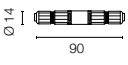
#### 4000K

● FA51803256


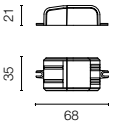

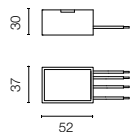

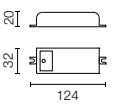

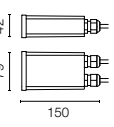

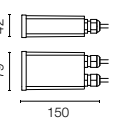

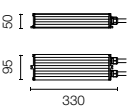

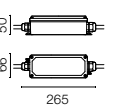


@ 3000K

## A-Rise 65: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	F004Z0K0000		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation.	F990C050000		

## A-Rise 65: Treiber 24Vdc / Drivers 24Vdc

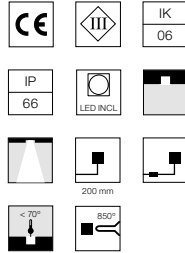
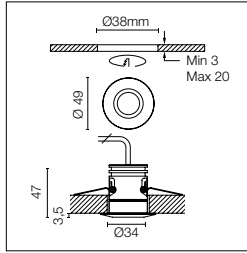
Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240V Iout 350 ma: 6x1 W/100÷240V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	*RF25748		
Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv.	Power supply for remote installation 24Vdc 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

A-RISE 65		A-RISE 65 HP	
Acc. RF25754	1	Acc. RF25754	1
Acc. RF25748	1	Acc. RF25748	1
Acc. RF25747	2	Acc. RF25747	2
Acc. RF25757	2	Acc. RF25757	2
Acc. F990B28A000	9	Acc. F990B28A000	7
Acc. F990B27A000	17	Acc. F990B27A000	14



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 15°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 106 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 115 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 119 lm - 4000K/CRI 80 - 12÷24Vdc

**2700K**

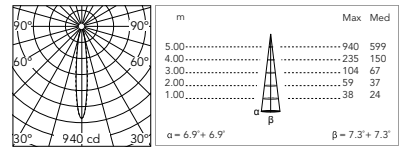
- FA51711556

**3000K**

- FA51711356

**4000K**

- FA51711256



@ 3000K

**Optic Medium 45°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 97 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 105 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 109 lm - 4000K/CRI 80 - 12÷24Vdc

**2700K**

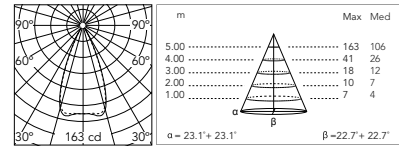
- FA51712556

**3000K**

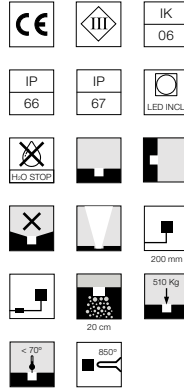
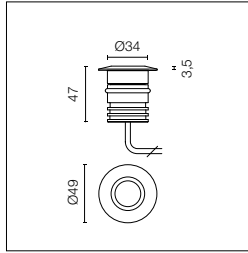
- FA51712356

**4000K**

- FA51712256



@ 3000K



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 15°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 106 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 115 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 119 lm - 4000K/CRI 80 - 12÷24Vdc

**2700K**

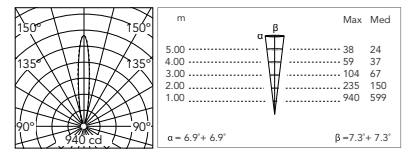
- FA51700556

**3000K**

- FA51700356

**4000K**

- FA51700256



@ 3000K

**Optic Medium 45°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 97 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 105 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 109 lm - 4000K/CRI 80 - 12÷24Vdc

**2700K**

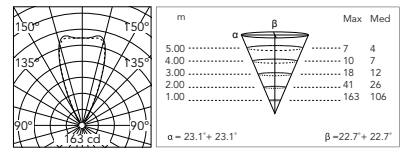
- FA51701656

**3000K**

- FA51701356

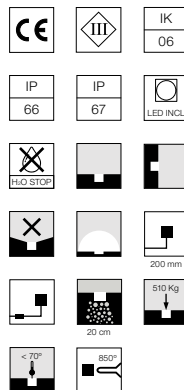
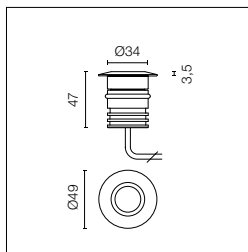
**4000K**

- FA51701256



@ 3000K

**A-Rise 49 Opal**



Inklusive LED-Lichtquelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Opaler Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED light source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Opal polycarbonate diffuser. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Wide Flood 100°**

**Power Led:** 2,3W - 139 lm ≠ OUTPUT 16 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 149 lm ≠ OUTPUT 17 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 162 lm ≠ OUTPUT 18 lm - 4000K/CRI 80 - 12÷24Vdc

**2700K**

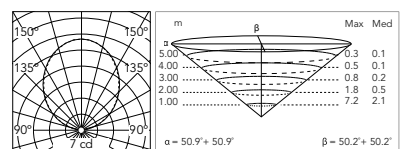
- FA51701756

**3000K**

- FA51701556

**4000K**

- FA51701456


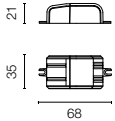

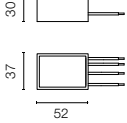

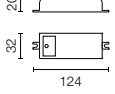
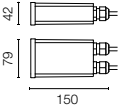

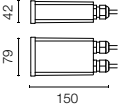

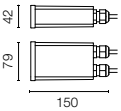

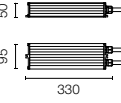

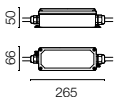


@ 4000K

## A-Rise 49: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	F004Z0J0000		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation.	F990C050000		

## A-Rise 49: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8W/100÷240V Iout 350 ma: 6x1 W/100÷240V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	*RF25748		
Netzgerät für den Feinbau 24Vdc 10W / 110-240V IP20 Klasse II selv.	Power supply for remote installation 24Vdc 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Feinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	*RF25752		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Feinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Feinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	4
Acc. RF25757	4

Acc. RF25752	5
Acc. F990B28A000	14
Acc. F990B27A000	29



**Gobi**





Gobi





## Familie / Family

Gobi 180



**Power Led**

up to 12W  
 up to 256 lm - 2700K/CRI 80  
 up to 276 lm - 3000K/CRI 80  
 up to 296 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Gobi 130



**Power Led**

up to 7W  
 up to 140 lm - 2700K/CRI 80  
 up to 152 lm - 3000K/CRI 80  
 up to 164 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Gobi 65



**Power Led**

up to 3,4W  
 up to 60 lm - 2700K/CRI 80  
 up to 64 lm - 3000K/CRI 80  
 up to 72 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Gobi 65 Wall Path



**Power Led**

up to 3,4W  
 up to 47 lm - 2700K/CRI 80  
 up to 50 lm - 3000K/CRI 80  
 up to 54 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Gobi 49



**Power Led**

up to 2,3W  
 up to 40 lm - 2700K/CRI 80  
 up to 44 lm - 3000K/CRI 80  
 up to 48 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Gobi 49 Wall Path



**Power Led**

up to 2,3W  
 up to 36 lm - 2700K/CRI 80  
 up to 39 lm - 3000K/CRI 80  
 up to 42 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



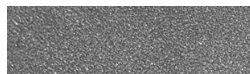
18 Deep Brown



30 Black



33 Anthracite



56 Matt Stainless Steel\*

\* Nur für Gobi 65 und Gobi 49 versionen. / Only for Gobi 65 and Gobi 49 versions.

Komplette Familie von bodeneingebauten Wegleuchten mit LED-Quelle. Erhältlich in verschiedenen Dimensionen mit verschiedenen verstellbaren Abstrahlwinkeln. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

### Gobi

Begehbare Bodeneinbauleuchte, erhältlich in zwei verschiedenen Durchmessern und drei Abstrahlwinkeln: monodirektional, bidirektional und omnidirektional. Die Position der Lichtquelle parallel zur Oberfläche ermöglicht es, die direkte Komponente der Lichtemission maximal auszunutzen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Transparentes Borosilikatglas. Ausgestattet mit einem M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht. Die 230 V Version enthält die Stromversorgung und ein ferngesteuertes IP66/67-Kit, das in der versenkten Anschlussdose installiert werden muss. Die 24 V Gleichstrom-Version ist mit einem übersetehenden Kabel ausgestattet und einem Gewindeanschluss für den Anschluss an die Fernstromversorgung. Die Anschlussdose ist in zwei Versionen erhältlich: die Standardversion aus Kunststoff und die Heavy-Duty-Version aus Metall, die für Bereiche mit hohem Verkehrsaufkommen geeignet ist.

### Gobi 49 / Gobi 65

Begehbare Bodeneinbauleuchte, erhältlich in zwei verschiedenen Durchmessern und vier Abstrahlwinkeln: einstrahlig, zweistrahlig, dreistrahlig und vierstrahlig. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Der Außenstruktur ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Transparenter Polycarbonat-Diffusor. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

### Gobi 49 Wall / Gobi 65 Wall

Wegleuchte zur Wandmontage, erhältlich in zwei verschiedenen Durchmessern und mit einem Abstrahlwinkel von 180° zum Boden gerichtet. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Der Außenstruktur ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Transparenter Polycarbonat-Diffusor. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

Complete family of ground-recessed path lights, with flush-emitting LED source. Available in different dimensions and several adjustable beam angles. The fixing screws are made of AISI 316L stainless steel. Requires a specific junction box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

### Gobi

Ground recessed and walk-over luminaire, available in two different diameters and three beam angles: monodirectional, bidirectional and omnidirectional. The position of the light source, parallel to the supporting surface, allows the direct component of the light emission to be exploited to the maximum. EN AB-47100 die-cast aluminium body (with low copper content), coated with a double layer of highly corrosion-resistant paint. Transparent borosilicate glass. Equipped with an M12 screw-on connector that prevents water infiltration and guarantees a quick connection to the wiring unit. 230V versions include the power supply unit and a remote IP66/67 kit to be installed in the junction box for recessing. The 24 V dc version is equipped with a cable and a screw connector for the connection to the remote power supply. The junction box is available in two versions: the standard version made of plastic and the heavy duty metal version, suitable for areas with high vehicular flow.

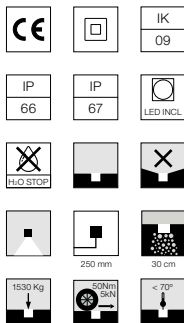
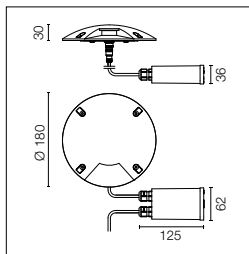
### Gobi 49 / Gobi 65

Ground recessed and walk-over luminaire, available in two different diameters and four beam angles: one beam, two beams, three beams and four beams. Structure in turned aluminium, EN AW 6060 alloy, with an anodized treatment for better resistance to corrosion. The external structure is covered in AISI 316L shot-blasted stainless steel. Transparent polycarbonate diffuser. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

### Gobi 49 Wall / Gobi 65 Wall

Wall-recessed path light, available in two different diameters and with a 180° beam angle directed towards the floor. Structure in turned aluminium, EN AW 6060 alloy, with an anodized treatment for better resistance to corrosion. The external structure is covered in AISI 316L shot-blasted stainless steel. Transparent polycarbonate diffuser. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

## Gobi 180 Mono



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 233 lm ≠ OUTPUT 64 lm - 2700K/CRI 80 - 220÷240V / 5W - 250 lm ≠ OUTPUT 69 lm - 3000K/CRI 80 - 220÷240V / 5W - 266 lm ≠ OUTPUT 74 lm - 4000K/CRI 80 - 220÷240V

### 2700K

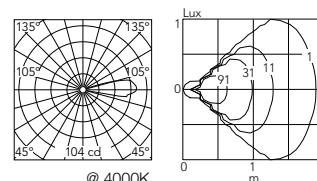
- FA53504701
- FA53504706
- FA53504712
- FA53504718
- FA53504730
- FA53504733

### 3000K

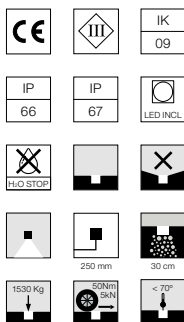
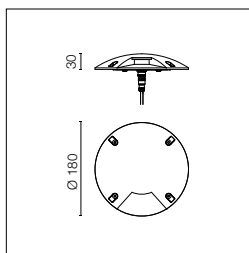
- FA53501201
- FA53501206
- FA53501212
- FA53501218
- FA53501230
- FA53501233

### 4000K

- FA53501101
- FA53501106
- FA53501112
- FA53501118
- FA53501130
- FA53501133



## Gobi 180 Mono Low Voltage



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 233 lm ≠ OUTPUT 64 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 250 lm ≠ OUTPUT 69 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 266 lm ≠ OUTPUT 74 lm - 4000K/CRI 80 - 24Vdc

### 2700K

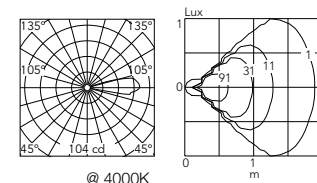
- FA53504801
- FA53504806
- FA53504812
- FA53504818
- FA53504830
- FA53504833

### 3000K

- FA53503001
- FA53503006
- FA53503012
- FA53503018
- FA53503030
- FA53503033

### 4000K

- FA53502901
- FA53502906
- FA53502912
- FA53502918
- FA53502930
- FA53502933



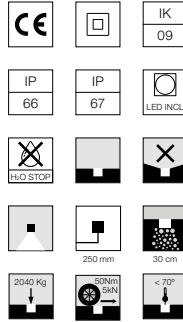
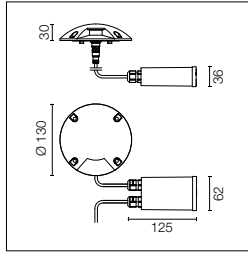
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752	3
Acc. F990B28A000	8
Acc. F990B27A000	16

## Gobi 130 Mono



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 4W - 129 lm  $\neq$  OUTPUT 35 lm - 2700K/CRI 80 - 220÷240V / 4W - 139 lm  $\neq$  OUTPUT 38 lm - 3000K/CRI 80 - 220÷240V / 4W - 148 lm  $\neq$  OUTPUT 41 lm - 4000K/CRI 80 - 220÷240V

### 2700K

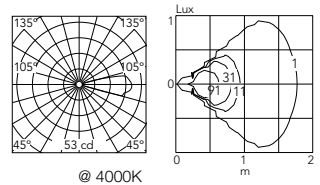
- FA53504101
- FA53504106
- FA53504112
- FA53504118
- FA53504130
- FA53504133

### 3000K

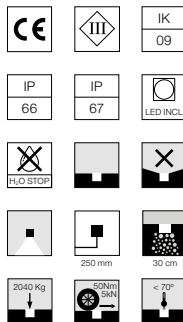
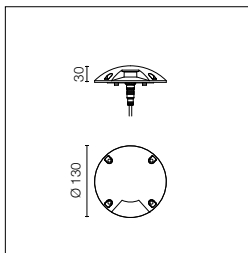
- FA53500301
- FA53500306
- FA53500312
- FA53500318
- FA53500330
- FA53500333

### 4000K

- FA53500201
- FA53500206
- FA53500212
- FA53500218
- FA53500230
- FA53500233



## Gobi 130 Mono Low Voltage



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 1,9W - 129 lm  $\neq$  OUTPUT 35 lm - 2700K/CRI 80 - 24Vdc / 1,9W - 139 lm  $\neq$  OUTPUT 38 lm - 3000K/CRI 80 - 24Vdc / 1,9W - 148 lm  $\neq$  OUTPUT 41 lm - 4000K/CRI 80 - 24Vdc

### 2700K

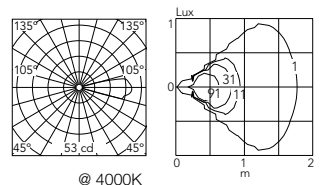
- FA53504201
- FA53504206
- FA53504212
- FA53504218
- FA53504230
- FA53504233

### 3000K

- FA53502101
- FA53502106
- FA53502112
- FA53502118
- FA53502130
- FA53502133

### 4000K

- FA53502001
- FA53502006
- FA53502012
- FA53502018
- FA53502030
- FA53502033



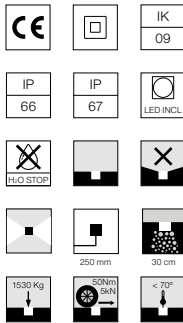
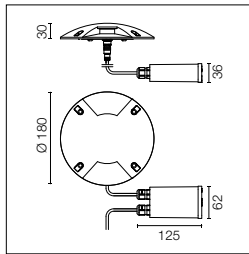
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752	5
Acc. F990B28A000	16
Acc. F990B27A000	33

## Gobi 180 Double



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 2x233 lm ≠ OUTPUT 2x64 lm - 2700K/CRI 80 - 220÷240V / 7W - 2x250 lm ≠ OUTPUT 2x69 lm - 3000K/CRI 80 - 220÷240V / 7W - 2x266 lm ≠ OUTPUT 2x74 lm - 4000K/CRI 80 - 220÷240V

### 2700K

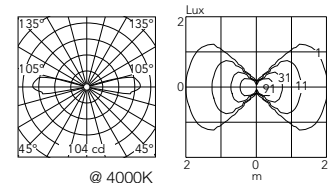
- FA53504901
- FA53504906
- FA53504912
- FA53504918
- FA53504930
- FA53504933

### 3000K

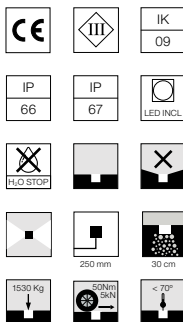
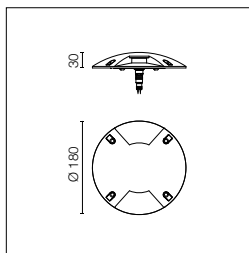
- FA53501501
- FA53501506
- FA53501512
- FA53501518
- FA53501530
- FA53501533

### 4000K

- FA53501401
- FA53501406
- FA53501412
- FA53501418
- FA53501430
- FA53501433



## Gobi 180 Double Low Voltage



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 6,4W - 2x233 lm ≠ OUTPUT 2x64 lm - 2700K/CRI 80 - 24Vdc / 6,4W - 2x250 lm ≠ OUTPUT 2x69 lm - 3000K/CRI 80 - 24Vdc / 6,4W - 2x266 lm ≠ OUTPUT 2x74 lm - 4000K/CRI 80 - 24Vdc

### 2700K

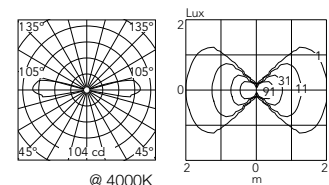
- FA53505001
- FA53505006
- FA53505012
- FA53505018
- FA53505030
- FA53505033

### 3000K

- FA53503301
- FA53503306
- FA53503312
- FA53503318
- FA53503330
- FA53503333

### 4000K

- FA53503201
- FA53503206
- FA53503212
- FA53503218
- FA53503230
- FA53503233



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

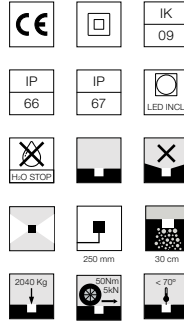
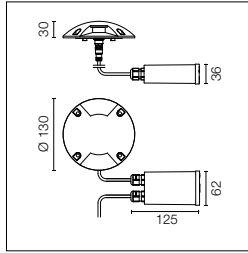
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752	2
Acc. F990B28A000	5
Acc. F990B27A000	8



## Gobi 130 Double



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5W - 2x129 lm ≠ OUTPUT 2x35 lm - 2700K/CRI 80 - 220÷240V / 5W - 2x139 lm ≠ OUTPUT 2x38 lm - 3000K/CRI 80 - 220÷240V / 5W - 2x148 lm ≠ OUTPUT 2x41 lm - 4000K/CRI 80 - 220÷240V

### 2700K

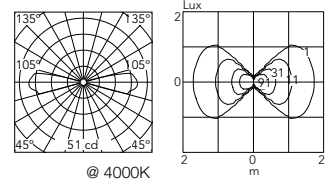
- FA53504301
- FA53504306
- FA53504312
- FA53504318
- FA53504330
- FA53504333

### 3000K

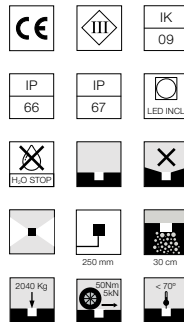
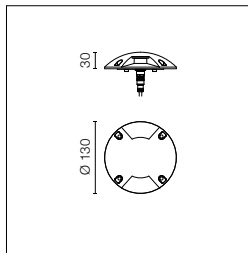
- FA53500601
- FA53500606
- FA53500612
- FA53500618
- FA53500630
- FA53500633

### 4000K

- FA53500501
- FA53500506
- FA53500512
- FA53500518
- FA53500530
- FA53500533



## Gobi 130 Double Low Voltage



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,5W - 2x129 lm ≠ OUTPUT 2x35 lm - 2700K/CRI 80 - 24Vdc / 3,5W - 2x139 lm ≠ OUTPUT 2x38 lm - 3000K/CRI 80 - 24Vdc / 3,5W - 2x148 lm ≠ OUTPUT 2x41 lm - 4000K/CRI 80 - 24Vdc

### 2700K

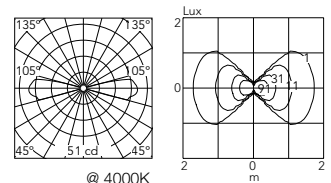
- FA53504401
- FA53504406
- FA53504412
- FA53504418
- FA53504430
- FA53504433

### 3000K

- FA53502401
- FA53502406
- FA53502412
- FA53502418
- FA53502430
- FA53502433

### 4000K

- FA53502301
- FA53502306
- FA53502312
- FA53502318
- FA53502330
- FA53502333

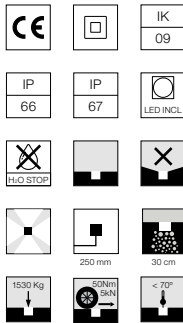
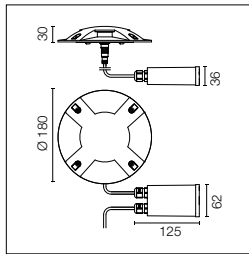


\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752 2  
Acc. F990B28A000 10  
Acc. F990B27A000 19



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 12W - 4x233 lm  $\neq$  OUTPUT 4x64 lm - 2700K/CRI 80 - 220 $\div$ 240V / 12W - 4x250 lm  $\neq$  OUTPUT 4x69 lm - 3000K/CRI 80 - 220 $\div$ 240V / 12W - 4x266 lm  $\neq$  OUTPUT 4x74 lm - 4000K/CRI 80 - 220 $\div$ 240V

**2700K**

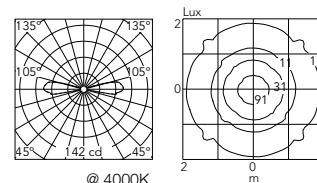
- FA53505101
- FA53505106
- FA53505112
- FA53505118
- FA53505130
- FA53505133

**3000K**

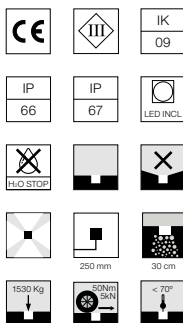
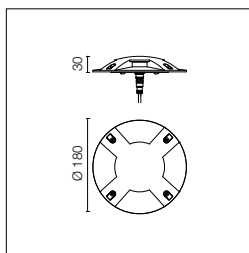
- FA53501801
- FA53501806
- FA53501812
- FA53501818
- FA53501830
- FA53501833

**4000K**

- FA53501701
- FA53501706
- FA53501712
- FA53501718
- FA53501730
- FA53501733



**Gobi 180 Multi Low Voltage**



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 11,2W - 4x233 lm  $\neq$  OUTPUT 4x64 lm - 2700K/CRI 80 - 24Vdc / 11,2W - 4x250 lm  $\neq$  OUTPUT 4x69 lm - 3000K/CRI 80 - 24Vdc / 11,2W - 4x266 lm  $\neq$  OUTPUT 4x74 lm - 4000K/CRI 80 - 24Vdc

**2700K**

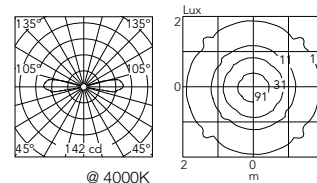
- FA53505201
- FA53505206
- FA53505212
- FA53505218
- FA53505230
- FA53505233

**3000K**

- FA53503601
- FA53503606
- FA53503612
- FA53503618
- FA53503630
- FA53503633

**4000K**

- FA53503501
- FA53503506
- FA53503512
- FA53503518
- FA53503530
- FA53503533

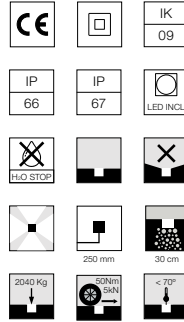
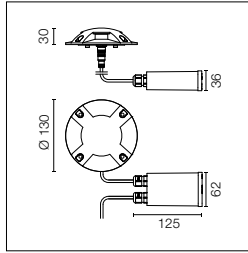


\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220 $\div$  240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220 $\div$ 240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752	1
Acc. F990B28A000	3
Acc. F990B27A000	6



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 7W - 4x129 lm ≠ OUTPUT 4x35 lm - 2700K/CRI 80 - 220÷240V / 7W - 4x139 lm ≠ OUTPUT 4x38 lm - 3000K/CRI 80 - 220÷240V / 7W - 4x148 lm ≠ OUTPUT 4x41 lm - 4000K/CRI 80 - 220÷240V

**2700K**

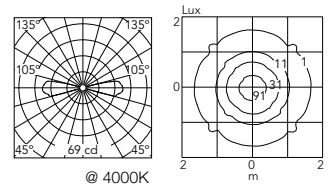
- FA53504501
- FA53504506
- FA53504512
- FA53504518
- FA53504530
- FA53504533

**3000K**

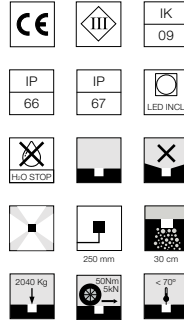
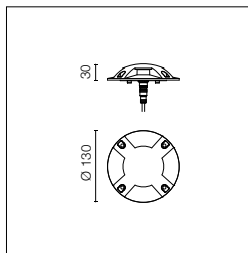
- FA53500901
- FA53500906
- FA53500912
- FA53500918
- FA53500930
- FA53500933

**4000K**

- FA53500801
- FA53500806
- FA53500812
- FA53500818
- FA53500830
- FA53500833



**Gobi 130 Multi Low Voltage**



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 5,8W - 4x129 lm ≠ OUTPUT 4x35 lm - 2700K/CRI 80 - 24Vdc / 5,8W - 4x139 lm ≠ OUTPUT 4x38 lm - 3000K/CRI 80 - 24Vdc / 5,8W - 4x148 lm ≠ OUTPUT 4x41 lm - 4000K/CRI 80 - 24Vdc

**2700K**

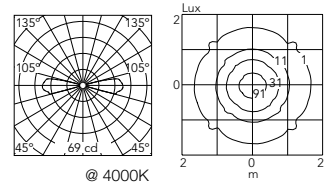
- FA53504601
- FA53504606
- FA53504612
- FA53504618
- FA53504630
- FA53504633

**3000K**

- FA53502701
- FA53502706
- FA53502712
- FA53502718
- FA53502730
- FA53502733

**4000K**

- FA53502601
- FA53502606
- FA53502612
- FA53502618
- FA53502630
- FA53502633




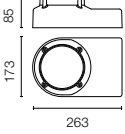

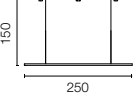

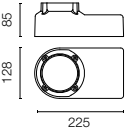

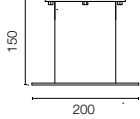
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

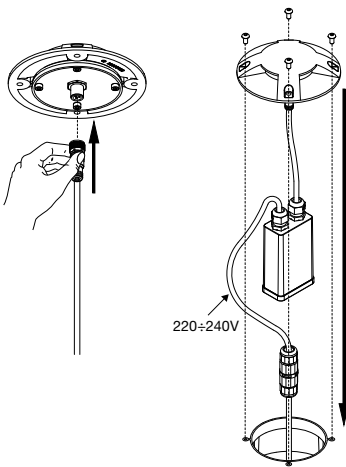
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752	1
Acc. F990B28A000	7
Acc. F990B27A000	12

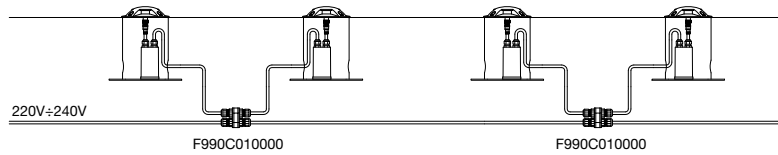
## Gobi: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation	Gobi 180 FA194		
Hochbeständige Einbaudose zur Installation.	High resistance in-ground box for installation	Gobi 180 FA195		
Einbaugehäuse.	Box for installation.	Gobi 130 FA192		
Hochbeständige Einbaudose zur Installation.	High resistance in-ground box for installation	Gobi 130 FA193		

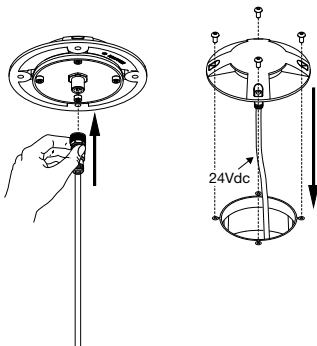
## Gobi 130/180 220÷240V version - Wiring Installation



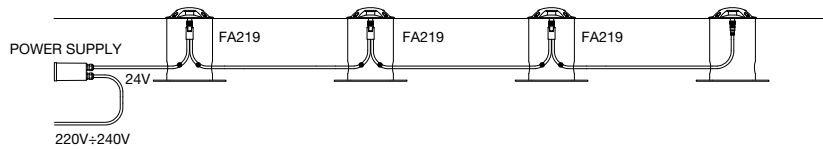
### Example of installation



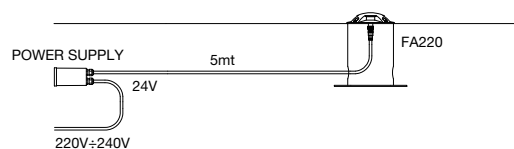
## Gobi 130/180 24Vdc version - Wiring Installation




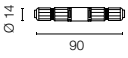

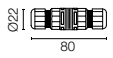

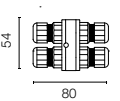

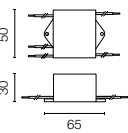
### Example of installation 1




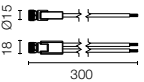

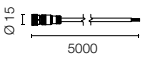

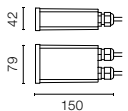

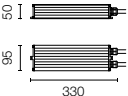

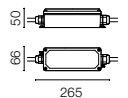
### Example of installation 2



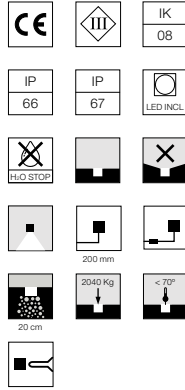
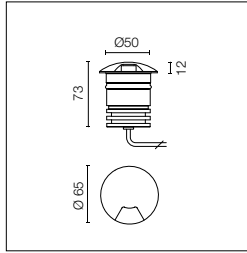
## Gobi: Treiber / Drivers

<p>Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).</p> <p>Kann nicht in das Einbauehäuse für die Installation platziert werden.</p>	<p>2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).</p> <p>It can't be placed in the recessed box for installation.</p>	F990C050000		
<p>Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.</p>	<p>2 way terminal block 4 poles IP68 H2O Stop.</p>	F990C00A000		
<p>Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).</p>	<p>3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).</p>	F990C010000		
<p>Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.</p>	<p>Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.</p>	F990E00A000		

## Gobi Low Voltage: Treiber / Drivers

<p>Verteiler m12-Anschluss.</p>	<p>Splitter m12 connector.</p>	FA219		
<p>M12 Einzelanschluss L. 5000 mm.</p>	<p>M12 single connector L.5.000mm.</p>	FA220		
<p>Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.</p>	*RF25752		
<p>Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.</p>	*F990B28A000		
<p>Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 70W / 220- 240V IP67 Class II selv.</p>	*F990B27A000		

## Gobi 65 Mono



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 169 lm  $\neq$  OUTPUT 15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm  $\neq$  OUTPUT 16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm  $\neq$  OUTPUT 18 lm - 4000K/CRI 80 - 24Vdc

### 2700K

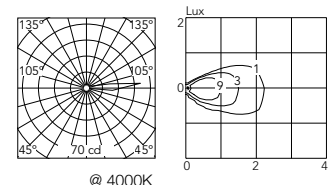
- FA51824201
- FA51824206
- FA51824212
- FA51824218
- FA51824230
- FA51824233
- FA51824256

### 3000K

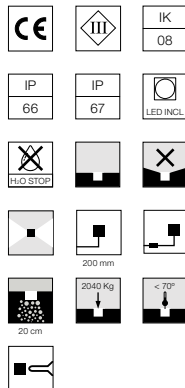
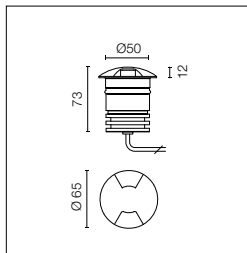
- FA51804301
- FA51804306
- FA51804312
- FA51804318
- FA51804330
- FA51804333
- FA51804356

### 4000K

- FA51804201
- FA51804206
- FA51804212
- FA51804218
- FA51804230
- FA51804233
- FA51804256



## Gobi 65 Double



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 2x169 lm  $\neq$  OUTPUT 2x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 2x182 lm  $\neq$  OUTPUT 2x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 2x198 lm  $\neq$  OUTPUT 2x18 lm - 4000K/CRI 80 - 24Vdc

### 2700K

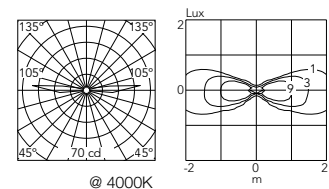
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- FA51825206
- FA51825212
- FA51825218
- FA51825230
- FA51825233
- FA51825256

### 3000K

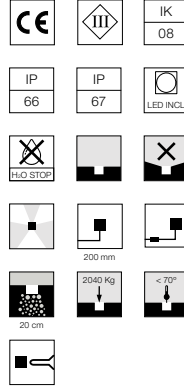
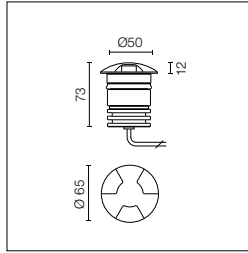
- FA51805301
- FA51805306
- FA51805312
- FA51805318
- FA51805330
- FA51805333
- FA51805356

### 4000K

- FA51805201
- FA51805206
- FA51805212
- FA51805218
- FA51805230
- FA51805233
- FA51805256



## Gobi 65 Triple



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integrierten H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 3x169 lm  $\neq$  OUTPUT 3x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 3x182 lm  $\neq$  OUTPUT 3x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 3x198 lm  $\neq$  OUTPUT 3x18 lm - 4000K/CRI 80 - 24Vdc

### 2700K

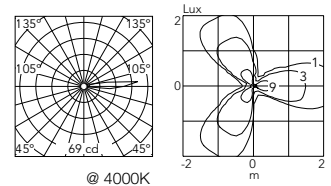
- FA51826201
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- FA51826212
- FA51826218
- FA51826230
- FA51826233
- FA51826256

### 3000K

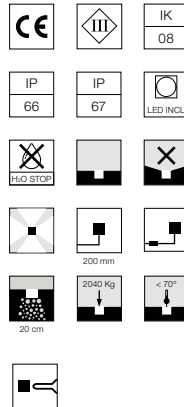
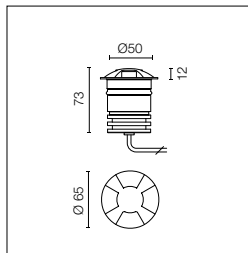
- FA51806301
- FA51806306
- FA51806312
- FA51806318
- FA51806330
- FA51806333
- FA51806356

### 4000K

- FA51806201
- FA51806206
- FA51806212
- FA51806218
- FA51806230
- FA51806233
- FA51806256



## Gobi 65 Multi



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integrierten H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 4x169 lm  $\neq$  OUTPUT 4x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 4x182 lm  $\neq$  OUTPUT 4x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 4x198 lm  $\neq$  OUTPUT 4x18 lm - 4000K/CRI 80 - 24Vdc

### 2700K

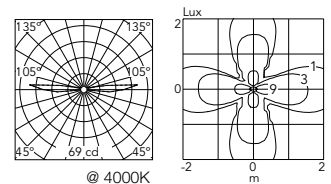
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- FA51827256

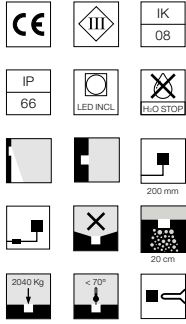
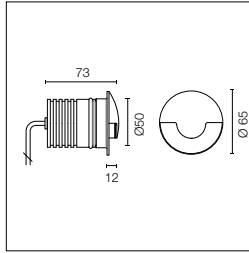
### 3000K

- FA51807301
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- FA51807356

### 4000K

- FA51807201
- FA51807206
- FA51807212
- FA51807218
- FA51807230
- FA51807233
- FA51807256





Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel und einem Kabelset mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 3,4W - 169 lm  $\neq$  OUTPUT 47 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm  $\neq$  OUTPUT 50 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm  $\neq$  OUTPUT 54 lm - 4000K/CRI 80 - 24Vdc

**2700K**

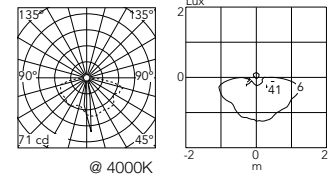
- FA51828201
- FA51828206
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- FA51828230
- FA51828233
- FA51828256

**3000K**

- FA51808301
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- FA51808312
- FA51808318
- FA51808330
- FA51808333
- FA51808356


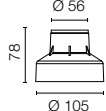

**4000K**

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- FA51808206
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- FA51808233
- FA51808256

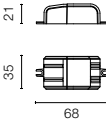

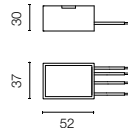

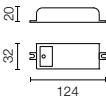

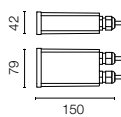

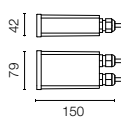

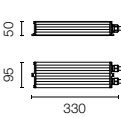

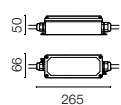




## Gobi 65: Zubehörteile / Accessories

Einbaugehäuse. ø105 H 78mm	Box for installation ø105 H 78mm.	F004Z0K0000		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).  It can't be placed in the recessed box for installation.	F990C050000		

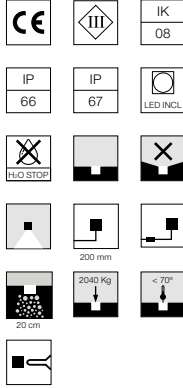
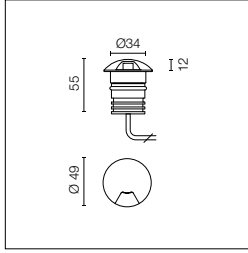
## Gobi 65: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110- 240V IP65 Class II selv.	*RF25748		
Netzgerät 24V 10W / 110- 240V IP20 Klasse II selv.	Power supply 24V 10W /110- 240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110- 240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Feineinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	*RF25752		
Netzgerät für den Feineinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Feineinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220- 240V IP67 Class II selv.	*F990B27A000		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbed- ingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into ac- count the specific installation conditions.	Acc. RF25754	1	Acc. RF25752	3
		Acc. RF25748	1	Acc. F990B28A000	9
		Acc. RF25747	2	Acc. F990B27A000	17
		Acc. RF25757	2		

## Gobi 49 Mono



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 139 lm  $\neq$  OUTPUT 10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 149 lm  $\neq$  OUTPUT 11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 162 lm  $\neq$  OUTPUT 12 lm - 4000K/CRI 80 -24Vdc

### 2700K

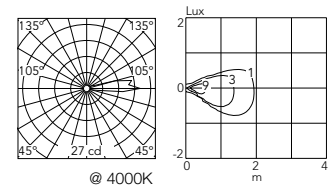
- FA51702501
- FA51702506
- FA51702512
- FA51702518
- FA51702530
- FA51702533
- FA51702556

### 3000K

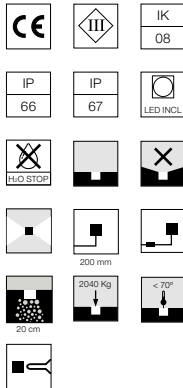
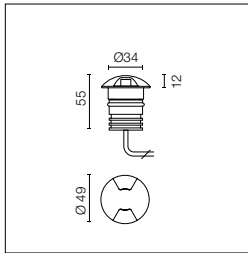
- FA51702301
- FA51702306
- FA51702312
- FA51702318
- FA51702330
- FA51702333
- FA51702356

### 4000K

- FA51702201
- FA51702206
- FA51702212
- FA51702218
- FA51702230
- FA51702233
- FA51702256



## Gobi 49 Double



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 2x139 lm  $\neq$  OUTPUT 2x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 2x149 lm  $\neq$  OUTPUT 2x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 2x162 lm  $\neq$  OUTPUT 2x12 lm - 4000K/CRI 80 -24Vdc

### 2700K

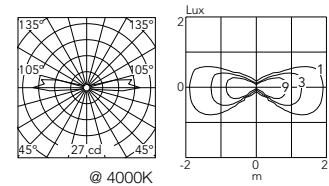
- FA51703501
- FA51703506
- FA51703512
- FA51703518
- FA51703530
- FA51703533
- FA51703556

### 3000K

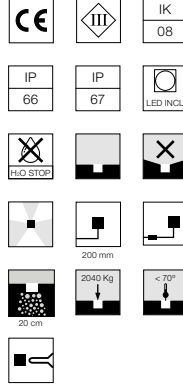
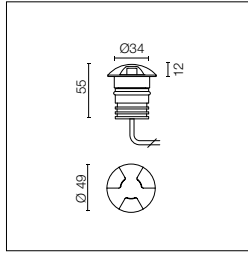
- FA51703301
- FA51703306
- FA51703312
- FA51703318
- FA51703330
- FA51703333
- FA51703356

### 4000K

- FA51703201
- FA51703206
- FA51703212
- FA51703218
- FA51703230
- FA51703233
- FA51703256



## Gobi 49 Triple



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 3x139 lm ≠ OUTPUT 3x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 3x149 lm ≠ OUTPUT 3x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 3x162 lm ≠ OUTPUT 3x12 lm - 4000K/CRI 80 -24Vdc

### 2700K

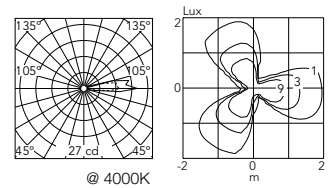
- FA51704501
- FA51704506
- FA51704512
- FA51704518
- FA51704530
- FA51704533
- FA51704556

### 3000K

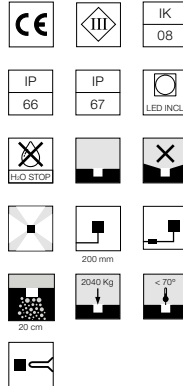
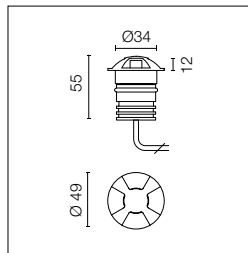
- FA51704301
- FA51704306
- FA51704312
- FA51704318
- FA51704330
- FA51704333
- FA51704356

### 4000K

- FA51704201
- FA51704206
- FA51704212
- FA51704218
- FA51704230
- FA51704233
- FA51704256



## Gobi 49 Multi



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 4x139 lm ≠ OUTPUT 4x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 4x149 lm ≠ OUTPUT 4x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 4x162 lm ≠ OUTPUT 4x12 lm - 4000K/CRI 80 -24Vdc

### 2700K

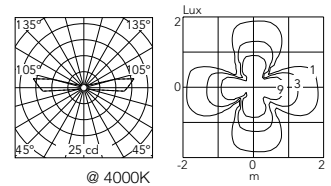
- FA51705501
- FA51705506
- FA51705512
- FA51705518
- FA51705530
- FA51705533
- FA51705556

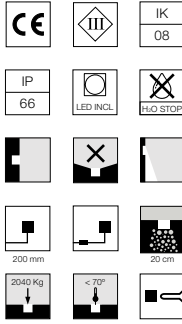
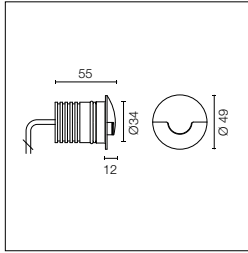
### 3000K

- FA51705301
- FA51705306
- FA51705312
- FA51705318
- FA51705330
- FA51705333
- FA51705356

### 4000K

- FA51705201
- FA51705206
- FA51705212
- FA51705218
- FA51705230
- FA51705233
- FA51705256





Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel und einem Kabelset mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 2,3W - 139 lm ≠ OUTPUT 36 lm - 2700K/CRI 80 -24Vdc / 2,3W - 149 lm ≠ OUTPUT 39 lm - 3000K/CRI 80 -24Vdc / 2,3W - 162 lm ≠ OUTPUT 42 lm - 4000K/CRI 80 -24Vdc

**2700K**

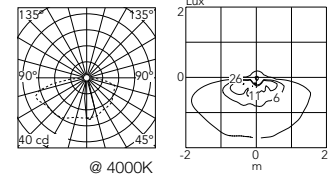
- FA51706501
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- FA51706512
- FA51706518
- FA51706530
- FA51706533
- FA51706556

**3000K**

- FA51706301
- FA51706306
- FA51706312
- FA51706318
- FA51706330
- FA51706333
- FA51706356

**4000K**


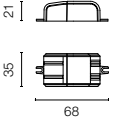

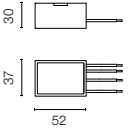



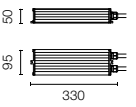

- FA51706201
- FA51706206
- FA51706212
- FA51706218
- FA51706230
- FA51706233
- FA51706256



## Gobi 49: Zubehörteile / Accessories

Einbaugehäuse. ø105 H 78mm	Box for installation ø105 H 78mm.	F004Z0J0000		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation.	F990C050000		

## Gobi 49: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110- 240V IP65 Class II selv.	*RF25748		
Netzgerät 24V 10W / 110- 240V IP20 Klasse II selv.	Power supply 24V 10W /110- 240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110- 240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Feineinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	*RF25752		
Netzgerät für den Feineinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Feineinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220- 240V IP67 Class II selv.	*F990B27A000		

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro  
Stromversorgung (220÷240  
V). Diese Angaben müssen  
unter Berücksichtigung der  
spezifischen Installationsbed-  
ingungen überprüft werden.

Maximum number of  
luminaires per power supply.  
(220÷240 V). These data must  
be checked taking into ac-  
count the specific installation  
conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	4
Acc. RF25757	4

Acc. RF25752	5
Acc. F990B28A000	14
Acc. F990B27A000	29

**C-Me**





C-Me





## Familie / Family

### C-Me Round 40



#### Power Led

up to 2,3W  
up to 111 lm - 2700K/CRI 80  
up to 121 lm - 3000K/CRI 80  
up to 125 lm - 4000K/CRI 80  
\* Net lumen output

2200K available on request.

### C-Me Round 70



#### Power Led

up to 5,9W  
up to 359 lm - 2700K/CRI 80  
up to 389 lm - 3000K/CRI 80  
up to 404 lm - 4000K/CRI 80  
\* Net lumen output

2200K available on request.

#### RGB - Power Led

up to 3,4W  
3CH x 350mA

### C-Me Square 40



#### Power Led

up to 2,3W  
up to 111 lm - 2700K/CRI 80  
up to 121 lm - 3000K/CRI 80  
up to 125 lm - 4000K/CRI 80  
\* Net lumen output

2200K available on request.

### C-Me Square 70 / RGB



#### Power Led

up to 5,9W  
up to 359 lm - 2700K/CRI 80  
up to 389 lm - 3000K/CRI 80  
up to 404 lm - 4000K/CRI 80  
\* Net lumen output

2200K available on request.

#### RGB - Power Led

up to 3,4W  
3CH x 350mA

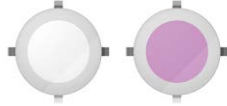
### C-Me Opal Round 40



#### Mid - Power Led

up to 0,3W  
up to 22 lm - 2700K/CRI 80  
up to 23 lm - 3000K/CRI 80  
up to 23 lm - 4000K/CRI 80  
\* Net lumen output

### C-Me Opal Round 70 / RGB



#### Mid - Power Led

up to 0,8W  
up to 80 lm - 2700K/CRI 80  
up to 82 lm - 3000K/CRI 80  
up to 83 lm - 4000K/CRI 80  
\* Net lumen output

\* Net lumen output

#### RGB - Power Led

up to 3,4W  
3CH x 350mA

### C-Me Opal Square 40



#### Mid - Power Led

up to 0,3W  
up to 22 lm - 2700K/CRI 80  
up to 23 lm - 3000K/CRI 80  
up to 23 lm - 4000K/CRI 80  
\* Net lumen output

\* Net lumen output

### C-Me Opal Square 70 / RGB



#### Mid - Power Led

up to 0,8W  
up to 80 lm - 2700K/CRI 80  
up to 82 lm - 3000K/CRI 80  
up to 83 lm - 4000K/CRI 80  
\* Net lumen output

\* Net lumen output

#### RGB - Power Led

up to 3,4W  
3CH x 350mA

Komplette Leuchtenfamilie mit LED-Quelle, im Boden eingebaut und begehrbar, oder in der Wand eingebaut. Die Leuchten zeichnen sich durch eine Bodenmontage ohne sichtbare Schrauben aus. Erhältlich in eckig oder rund, in verschiedenen Dimensionen und Abstrahlwinkeln. Ergänzt durch die RGB-Version, um farbige Lichtszenarien zu kreieren. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außen-einsatz geeignet sind.

### **C-Me**

Begehrbare Boden- oder Wandeinbauleuchte. Erhältlich in zwei Versionen (eckig oder rund) und zwei verschiedenen Dimensionen. Zwei Abstrahlwinkel: präzise und mittel. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Transparenter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt.

### **C-Me Opal**

Begehrbare Boden- oder Wandeinbauleuchte. Erhältlich in zwei Versionen (eckig oder rund) und zwei verschiedenen Dimensionen. Abstrahlwinkel für einen diffusen Lichtstrahl. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Transparenter Glas-Diffusor mit weißer Siebdruckkante. Materialeinsätze für die Diffusion unter dem Glas. Das Glas wird durch ein Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

Family of ground recessed and walk-over, or wall recessed, luminaires with LED light source. The luminaires are characterized by an installation flush with the floor, with no visible screws. Available in square and round versions, of different dimensions and with different beam angles. Available in RGB version to create set designs using colored lights. The installation requires a recessed box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

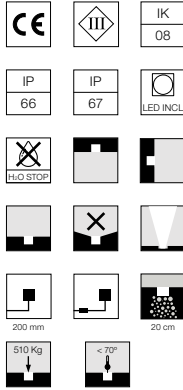
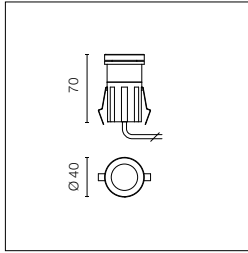
### **C-Me**

Ground recessed and walk-over or wall recessed luminaire. Available in two formats (square and round) and two different dimensions for each format. Two beam angles: spot and medium. The structure and sink of the luminaire are made of EN AB-47100 die-cast aluminum (with low copper content). Transparent glass diffuser with black silkscreen border, fixed through a robotic gluing system.

### **C-Me Opal**

Ground recessed and walk-over or wall recessed luminaire. Available in two versions (square and round) and two different dimensions for each version. Beam angle for a diffused light. The structure and sink of the luminaire are made of EN AB-47100 die-cast aluminum (with low copper content). Transparent glass diffuser with white silkscreen border. Material inserts for diffusion under the glass. The glass is fixed through a robotic gluing system. The 24V dc luminaire is powered by a remote power supply to be ordered separately.

## C-Me Round 40



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

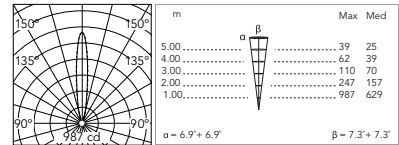
2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Spot 10°

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 111 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 121 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 125 lm - 4000K/CRI 80 -24Vdc

**2700K** FA10018112      **3000K** FA10017612      **4000K** FA10017712

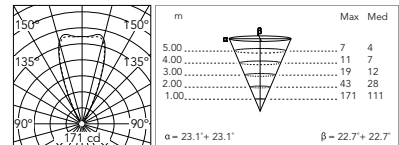


@ 3000K

### Optic Medium 45°

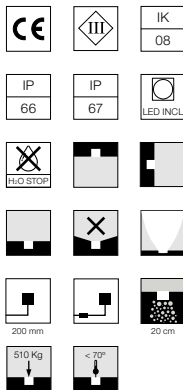
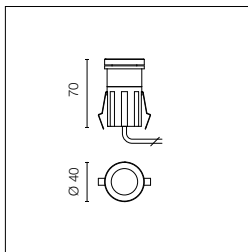
**Power Led:** 2,3W - 144 lm ≠ OUTPUT 102 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 110 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 114 lm - 4000K/CRI 80 -24Vdc

**2700K** FA10018140      **3000K** FA10017640      **4000K** FA10017740



@ 3000K

## C-Me Opal Round 40



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor. Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

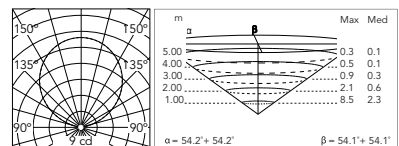
2200K auf Anfrage erhältlich.

2200K available on request.

### Diffused Light

**Mid-Power Led:** 0,3W - 42 lm ≠ OUTPUT 22 lm - 2700K/CRI 80 -24Vdc / 0,3W - 44 lm ≠ OUTPUT 23 lm - 3000K/CRI 80 -24Vdc / 0,3W - 45 lm ≠ OUTPUT 23 lm - 4000K/CRI 80 -24Vdc

**2700K** FA100181118      **3000K** FA100176118      **4000K** FA100177118



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

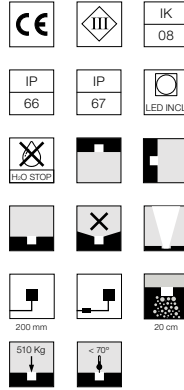
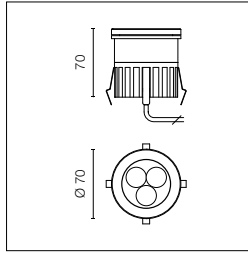
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	4
Acc. RF25757	4

Acc. RF25752	5
Acc. F990B28A000	14
Acc. F990B27A000	29
Acc. RF25750	30

Acc. F990B21A000	30
Acc. RF26387.A	30



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich..

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

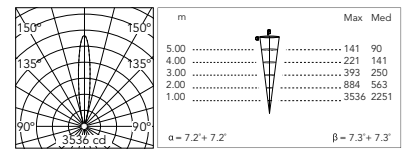
**Optic Spot 10°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA10018212

**3000K**  
FA10017912

**4000K**  
FA10018012



@ 3000K

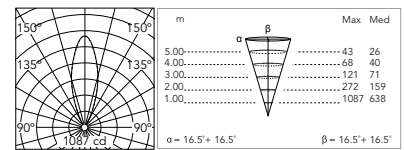
**Optic Medium 30°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA10018230

**3000K**  
FA10017930

**4000K**  
FA10018030



@ 3000K

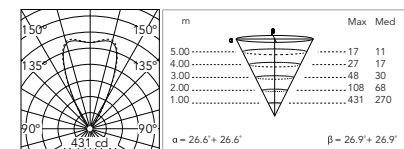
**Optic Flood 50°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA10018240

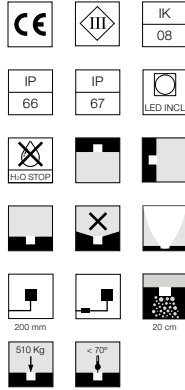
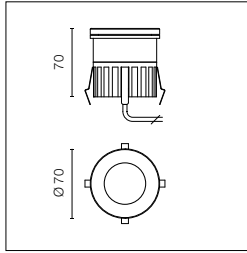
**3000K**  
FA10017940

**4000K**  
FA10018040



@ 3000K

## C-Me Opal Round 70



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor. Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

2200K auf Anfrage erhältlich.

2200K available on request.

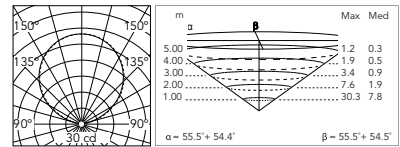
### Diffused Light

**Mid-Power Led:** 0,8W - 127 lm ≠ OUTPUT 80 lm - 2700K/CRI 80 - 24Vdc / 0,8W - 131 lm ≠ OUTPUT 82 lm - 3000K/CRI 80 - 24Vdc / 0,8W - 136 lm ≠ OUTPUT 83 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA100182122

**3000K**  
FA100179122

**4000K**  
FA100180122



@ 3000K

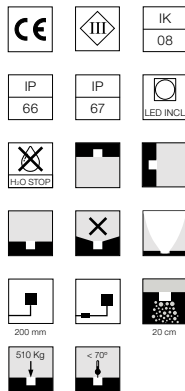
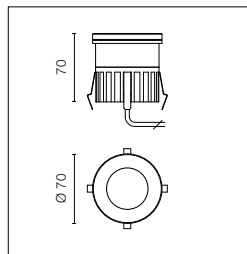
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220- 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25747	1	Acc. RF25750	10
Acc. RF25757	1	Acc. F990B21A000	10
Acc. RF25752	2	Acc. RF26387.A	10
Acc. F990B28A000	6		
Acc. F990B27A000	12		

## C-Me Round 70 RGB



Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

### Kabeldiagramm und RGB-System-Installation.

Maximal 10 C-Me Round 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr. 5, Seite 832.

### Wiring diagram and installation scheme RGB.

Max 10 luminaires C-Me Round 70 LED RGB for each code F990B22A000.

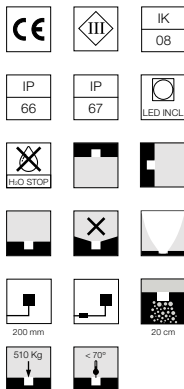
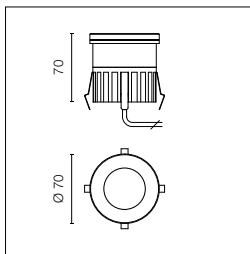
See Wiring Diagram n.5 Page 832.

**RGB Power Led:** 3,4W - 3CH x 350mA

**Optic Spot 10°**  
FA10017412

**Optic Medium 35°**  
FA10017440

Photometric data on request.



Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the wiring tightness of the connection. Glass with opal diffuser.

**Kabeldiagramm und RGB-System-Installation.**

**Wiring diagram and installation scheme RGB.**

Maximal 10 C-Me Opal Round 70-Leuchten für jeden F990B22A000 Code.

Max 10 luminaires C-Me Opal Round 70 LED RGB for each code F990B22A000.

Siehe Kabeldiagramm Nr. 5, Seite 832.

See Wiring Diagram n.5 Page 832.

**Diffused Light**

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

FA100174122

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

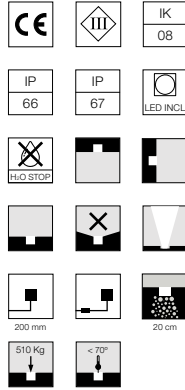
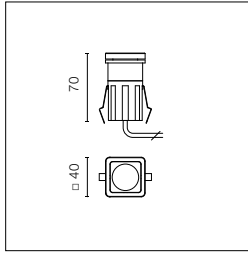
Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## C-Me Square 40



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. . Extra clear transparent glass. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Spot 10°

**Power Led:** 2,3W - 144 lm = OUTPUT 111 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm = OUTPUT 121 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm = OUTPUT 125 lm - 4000K/CRI 80 -24Vdc

#### 2700K

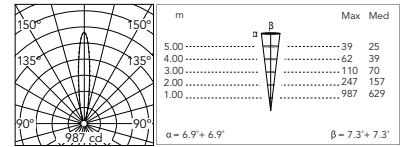
FA100181133

#### 3000K

FA100176133

#### 4000K

FA100177133



@ 3000K

### Optic Medium 45°

**Power Led:** 2,3W - 144 lm = OUTPUT 102 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm = OUTPUT 110 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm = OUTPUT 114 lm - 4000K/CRI 80 -24Vdc

#### 2700K

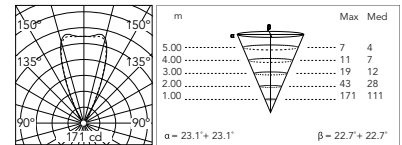
FA10018141

#### 3000K

FA10017641

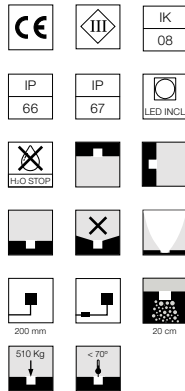
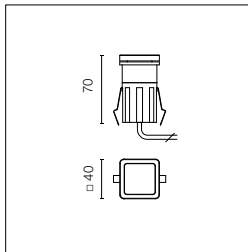
#### 4000K

FA10017741



@ 3000K

## C-Me Opal Square 40



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor. Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. . Glass with opal diffuser. Adjustable light intensity.

2200K auf Anfrage erhältlich.

2200K available on request.

### Diffused Light

**Mid-Power Led:** 0,3W - 42 lm = OUTPUT 22 lm - 2700K/CRI 80 -24Vdc / 0,3W - 44 lm = OUTPUT 23 lm - 3000K/CRI 80 -24Vdc / 0,3W - 45 lm = OUTPUT 23 lm - 4000K/CRI 80 -24Vdc

#### 2700K

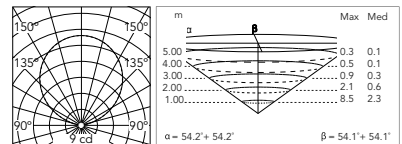
FA100181124

#### 3000K

FA100176124

#### 4000K

FA100177124



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

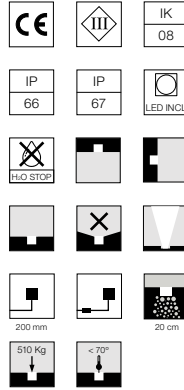
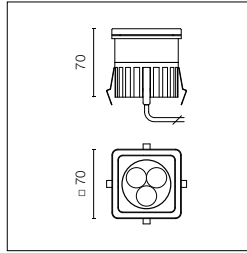
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1
Acc. RF25748	1
Acc. RF25747	4
Acc. RF25757	4

Acc. RF25752	5
Acc. F990B28A000	14
Acc. F990B27A000	29
Acc. RF25750	30

Acc. F990B21A000	30
Acc. RF26387.A	30





Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

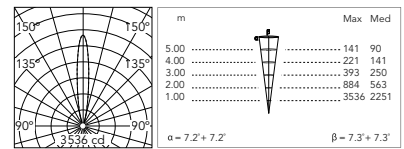
**Optic Spot 10°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA100182132

**3000K**  
FA100179132

**4000K**  
FA100180132



@ 3000K

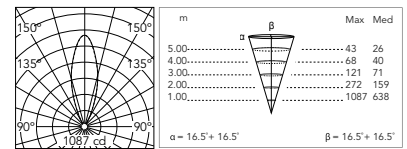
**Optic Medium 30°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA100182130

**3000K**  
FA100179130

**4000K**  
FA100180130



@ 3000K

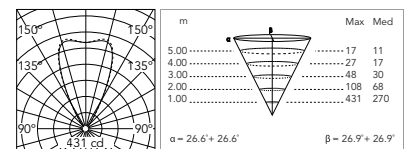
**Optic Flood 50°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

**2700K**  
FA10018241

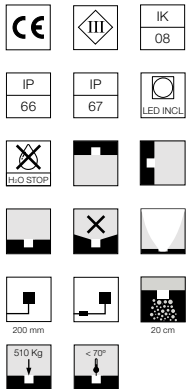
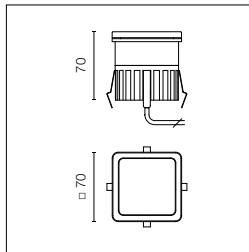
**3000K**  
FA10017941

**4000K**  
FA10018041



@ 3000K

## C-Me Opal Square 70



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlussystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor. Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

2200K auf Anfrage erhältlich.

2200K available on request.

### Diffused Light

**Mid-Power Led:** 0,8W - 127 lm ≠ OUTPUT 80 lm - 2700K/CRI 80 - 24Vdc / 0,8W - 131 lm ≠ OUTPUT 82 lm - 3000K/CRI 80 - 24Vdc / 0,8W - 136 lm ≠ OUTPUT 83 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

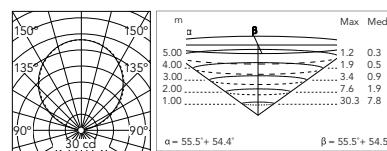
FA100182125

#### 3000K

FA100179125

#### 4000K

FA100180125



@ 3000K

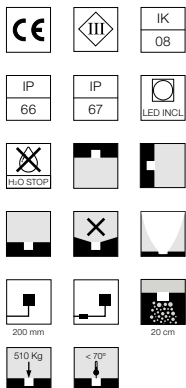
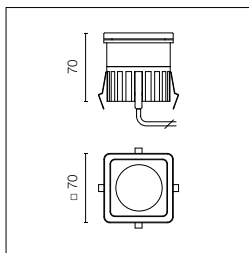
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25747	1	Acc. F990B28A000	6	Acc. F990B21A000	10
Acc. RF25757	1	Acc. F990B27A000	12	Acc. RF26387.A	10
Acc. RF25752	2	Acc. RF25750	10		

## C-Me Square 70 RGB



Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

### Kabeldiagramm und RGB-System-Installation.

Maximal 10 C-Me Square 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr. 5, Seite 832.

### Wiring diagram and installation scheme RGB.

Max 10 luminaires C-Me Square 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

**RGB Power Led:** 3,4W - 3CH x 350mA

#### Optic Spot 10°

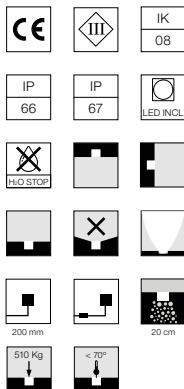
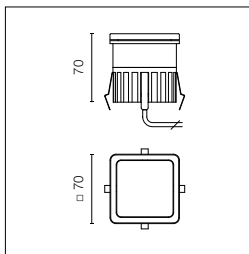
FA100174132

#### Optic Medium 35°

FA10017441

Photometric data on request.

# C-Me Opal Square 70 RGB



Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser.

## Diffused Light

**RGB Power Led:** 3,4W - 3CH x 350mA

## RGB

FA100174125

Photometric data on request.

## Kabeldiagramm und RGB-System-Installation.

Maximal 10 C-Me Opal Square 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 832.

## Wiring diagram and installation scheme RGB.

Max 10 luminaires C-Me Opal Square 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.


Maximum number of luminaires per power supply, (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10


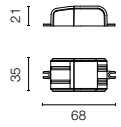

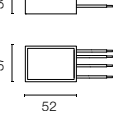

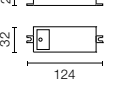

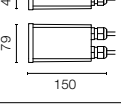

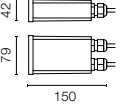

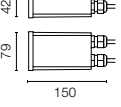

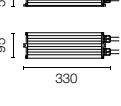

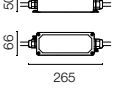


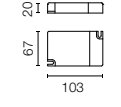


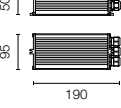


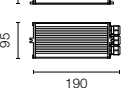
\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## C-Me: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	C-Me Ø40 FA98		
Einbaugehäuse.	Box for installation.	C-Me 40x40 FA99		
Einbaugehäuse.	Box for installation.	C-Me Ø70 FA101		
Einbaugehäuse.	Box for installation.	C-Me 70x70 FA102		
Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden.	2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation.	F990C050000		

## C-Me: Treiber / Drivers

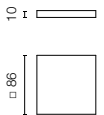
Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	C-Me 40mm *RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	C-Me 40mm *RF25748		
Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Ferninbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	*RF25752		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Ferninbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	Diffused Light *RF25750  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4, Page 830		
Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.	Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv.	Diffused Light *F990B21A000  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4, Page 830		
Netzgerät für den Ferninbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	Diffused Light *RF26387.A  Dimmable DALI See Wiring Diagram n.4, Page 830		

## C-Me RGB: Zubehörteile / Accessories

DMX-Controller;  
Dimmer-Schalter für  
Einbaudose. (60 mm  
Lochmitte).

DMX controller;  
dimmer switch for recessed  
box (60mm hole centres).

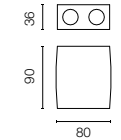
F990B10A000



DMX Controller;  
Stand-Alone/PC-  
Schnittstelle.

DMX controller;  
stand-alone/pc interface.

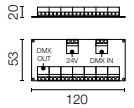
F990B11A000



DMX-Verteiler 512 -  
elektronisches Gerät  
zur Regenerierung des  
monodirektionalen  
DMX-Signal. 1 Eingang  
und 7 Ausgänge, 12-  
24 V Gleichstrom.  
Stromversorgung nicht  
enthalten.

DMX splitter 512 - electronic  
device to regenerate the  
monodirectional DMX signal  
1 Input and 7 output, 12-24Vdc.  
Power supply not included.

F990B13A000



Geschirmtes DMX-Kabel mit  
konstantem Widerstand (110  
Ohm).

DMX cable - shielded twisted  
pair with 110 Ohm constant  
impedance.

F990B12A000

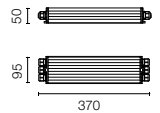


## C-Me RGB: Treiber / Drivers

Stromversorgung mit  
Dmx-schnittstelle für RGB-  
Leuchten 36w/220÷240V-3ch  
x 350ma (3ch x 10 x1w) Dmx-  
Kontrolle erlaubt ip67 Klasse  
I Selv Eq.

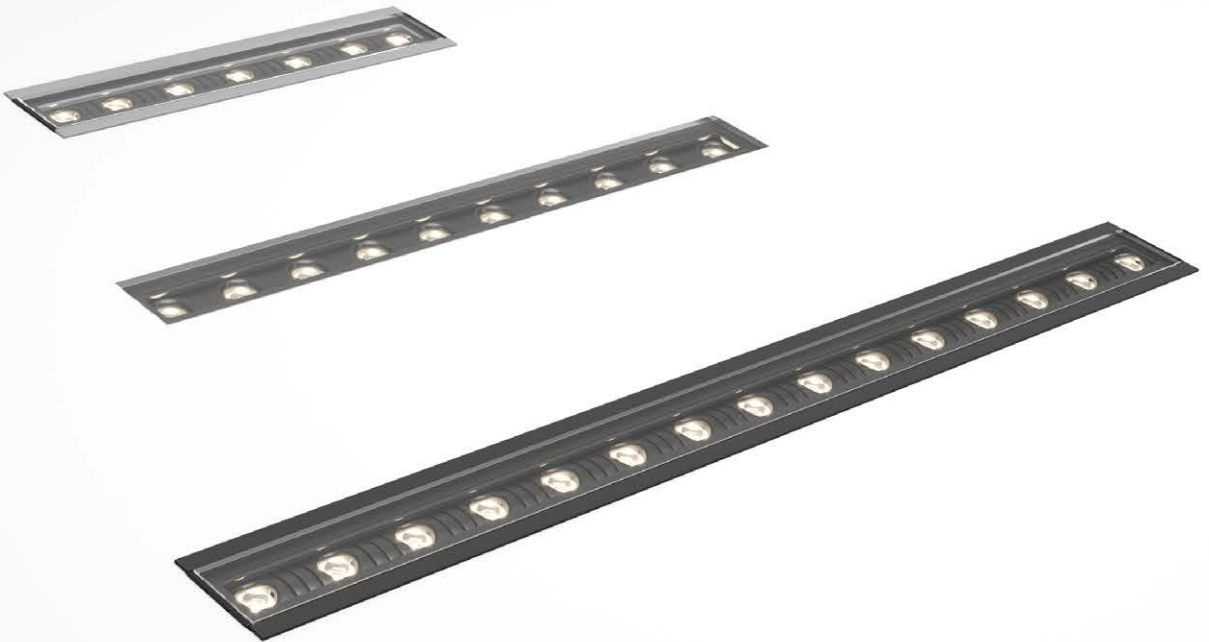
Power supply with DMX interface  
for RGB fixtures 36W/220÷240v-  
3CH x 350mA (3CH x 10 x 1W)  
DMX control allowed IP67 Class  
I Selv Eq.

\*F990B22A000



**Ingraze**

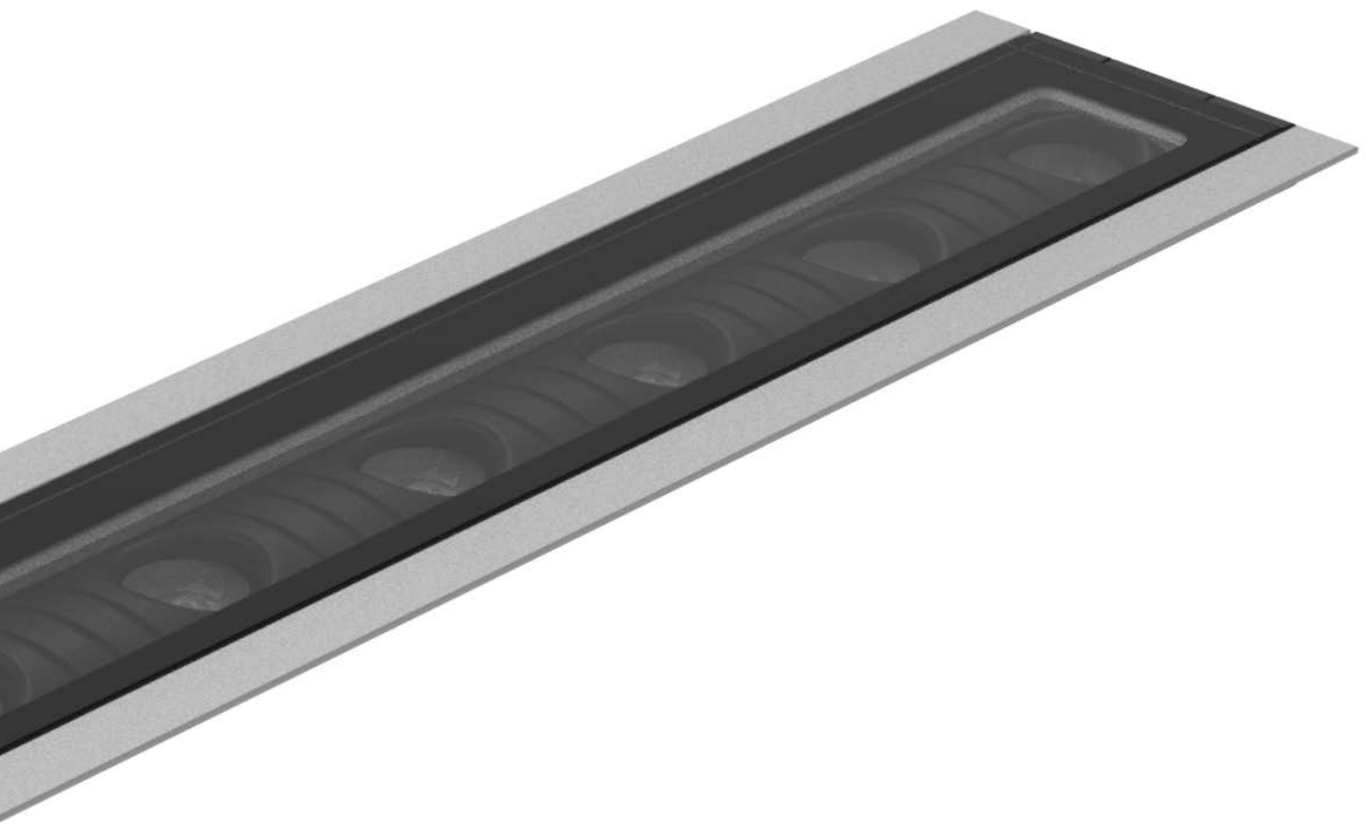
Designed by Flos Outdoor













**VIELSEITIGKEIT**

Die Produktsortiment besteht aus verschiedenen Konfigurationen, mit oder ohne Rahmen, mit fester oder verstellbarer Optik. Ein patentiertes Federsystem garantiert höchste ästhetische Reinheit.

**VERSATILITY**

The range of products is offered in various frame and frameless configurations, with fixed or adjustable lenses. A patented system of springs guarantees the cleanest look.

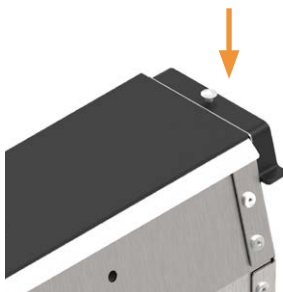


**SEHKOMFORT**

Das innovative System der zurückgesetzten Optik bietet optimalen Sehkomfort in jedem Kontext; spezielle vorinstallierte, längs angeordnete und asymmetrische Lamellen vermeiden eine Blendung auch in den kritischsten Situationen.

**VISUAL COMFORT**

The innovative rear lens system offers optimal visual comfort in any situation; special asymmetrical or lengthwise diffuser accessories pre-installed allow to reduce the beam of light and to prevent glare in more critical situations too.



**DIEBSTAHLSCHUTZ**

Durch das speziell zur Verhinderung von Manipulation und Vandalismus entwickelte diebstahlsichere Befestigungssystem eignet sich Ingraze auch für Installationen im öffentlichen Raum.

**ANTI-THEFT**

An anti-theft fastening system specifically designed to prevent tampering and vandalism makes Ingraze suitable for public installations too.

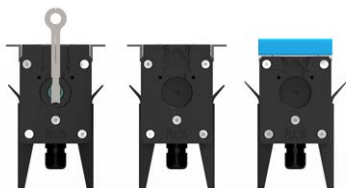


**FLEXIBILITÄT**

Ingraze erweitert das Angebot an linearen Projektoren um ein fortschrittliches Programm an Bodeneinbauleuchten, die sich dank der vielfältigen Installationsmöglichkeiten für jede Art von Projekt eignen.

**FLEXIBILITY**

Ingraze extends the range of linear spotlights with an advanced programme of recessed floor fittings, suitable for any type of project thanks to the many installation options.



**REIHENSCHALTUNG**

Die Flexibilität bei der Installation wird in jedem Bereich durch die verschiedenen einzeln als auch in reihe geschalteten Konfigurationen gewährleistet, wobei die Homogenität des Lichtstrahls erhalten bleibt.

**CONTINUOUS LINE**

Flexible installation in all areas is guaranteed by the various configurations, both single and in a continuous line, while keeping a consistent beam of light.



## Familie / Family

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### Ingraze Fixed L 400

Frame / Linear Louvre / Asymmetric Louvre



#### Power Led

12,5W  
Up to 958 lm - 2200K/CRI 80  
Up to 993 lm - 2700K/CRI 80  
Up to 1064 lm - 3000K/CRI 80  
Up to 1100 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



#### Power Led

12,5W  
Up to 958 lm - 2200K/CRI 80  
Up to 993 lm - 2700K/CRI 80  
Up to 1064 lm - 3000K/CRI 80  
Up to 1100 lm - 4000K/CRI 80

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### Ingraze Fixed L 600

Frame / Linear Louvre / Asymmetric Louvre



#### Power Led

17W  
Up to 1368 lm - 2200K/CRI 80  
Up to 1419 lm - 2700K/CRI 80  
Up to 1520 lm - 3000K/CRI 80  
Up to 1571 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



#### Power Led

17W  
Up to 1368 lm - 2200K/CRI 80  
Up to 1419 lm - 2700K/CRI 80  
Up to 1520 lm - 3000K/CRI 80  
Up to 1571 lm - 4000K/CRI 80

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### Ingraze Fixed L 900

Frame / Linear Louvre / Asymmetric Louvre



#### Power Led

26W  
Up to 2052 lm - 2200K/CRI 80  
Up to 2128 lm - 2700K/CRI 80  
Up to 2280 lm - 3000K/CRI 80  
Up to 2356 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



#### Power Led

26W  
Up to 2052 lm - 2200K/CRI 80  
Up to 2128 lm - 2700K/CRI 80  
Up to 2280 lm - 3000K/CRI 80  
Up to 2356 lm - 4000K/CRI 80

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### Ingraze Fixed L 1200

Frame / Linear Louvre / Asymmetric Louvre



#### Power Led

33,5W  
Up to 2736 lm - 2200K/CRI 80  
Up to 2837 lm - 2700K/CRI 80  
Up to 3040 lm - 3000K/CRI 80  
Up to 3141 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



#### Power Led

33,5W  
Up to 2736 lm - 2200K/CRI 80  
Up to 2837 lm - 2700K/CRI 80  
Up to 3040 lm - 3000K/CRI 80  
Up to 3141 lm - 4000K/CRI 80

---

Ingraze Adjustable L 400

Frame / Linear Louvre / Asymmetric Louvre



**Power Led**

12,5W

Up to 958 lm - 2200K/CRI 80

Up to 993 lm - 2700K/CRI 80

Up to 1064 lm - 3000K/CRI 80

Up to 1100 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



**Power Led**

12,5W

Up to 958 lm - 2200K/CRI 80

Up to 993 lm - 2700K/CRI 80

Up to 1064 lm - 3000K/CRI 80

Up to 1100 lm - 4000K/CRI 80

---

Ingraze Adjustable L 600

Frame / Linear Louvre / Asymmetric Louvre



**Power Led**

17W

Up to 1368 lm - 2200K/CRI 80

Up to 1419 lm - 2700K/CRI 80

Up to 1520 lm - 3000K/CRI 80

Up to 1571 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



**Power Led**

17W

Up to 1368 lm - 2200K/CRI 80

Up to 1419 lm - 2700K/CRI 80

Up to 1520 lm - 3000K/CRI 80

Up to 1571 lm - 4000K/CRI 80

---

Ingraze Adjustable L 900

Frame / Linear Louvre / Asymmetric Louvre



**Power Led**

26W

Up to 2052 lm - 2200K/CRI 80

Up to 2128 lm - 2700K/CRI 80

Up to 2280 lm - 3000K/CRI 80

Up to 2356 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



**Power Led**

26W

Up to 2052 lm - 2200K/CRI 80

Up to 2128 lm - 2700K/CRI 80

Up to 2280 lm - 3000K/CRI 80

Up to 2356 lm - 4000K/CRI 80

---

Ingraze Adjustable L 1200

Frame / Linear Louvre / Asymmetric Louvre



**Power Led**

33,5W

Up to 2736 lm - 2200K/CRI 80

Up to 2837 lm - 2700K/CRI 80

Up to 3040 lm - 3000K/CRI 80

Up to 3141 lm - 4000K/CRI 80

Frameless / Linear Louvre / Asymmetric Louvre



**Power Led**

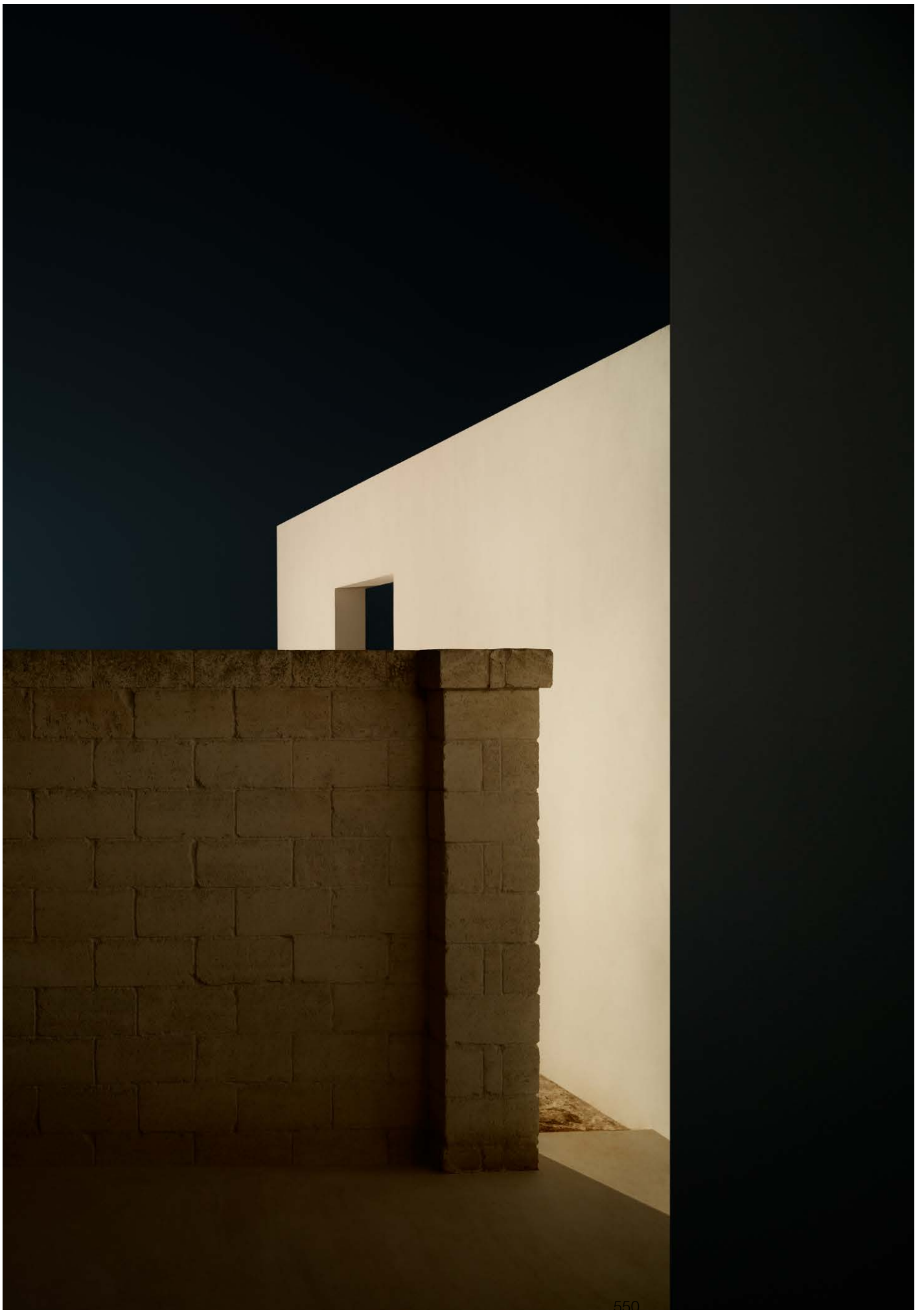
33,5W

Up to 2736 lm - 2200K/CRI 80

Up to 2837 lm - 2700K/CRI 80

Up to 3040 lm - 3000K/CRI 80

Up to 3141 lm - 4000K/CRI 80



## Beschreibung / Description

Lineare Außenleuchte für den Bodeneinbau mit Hochleistungs-LED-Quelle der neuesten Generation. Das Produkt ist so konzipiert, dass es dank der versenkten Position der optischen Einheit höchsten Sehkomfort gewährleistet. Das Sortiment besteht aus zwei Modellen, mit oder ohne Rahmen, die in 4 Längen erhältlich sind, um maximale Installationsflexibilität zu gewährleisten und dank der unterschiedlichen optischen Konfigurationen Spot, Medium, Flood und Elliptical unterschiedliche Designanforderungen zu erfüllen. Die Verfügbarkeit alternativer Varianten mit längs angeordneten und asymmetrischen Lamellen ermöglichen eine Optimierung der Produktleistung und garantieren maximalen Sehkomfort. Gehäuse aus stranggepresstem Aluminium mit chemisch behandelte Oberfläche für eine hohe Korrosionsbeständigkeit. Doppelter Verschluss aus hochbeständigem Technopolymer. Doppelte Pulverbeschichtung und auf Wunsch Marine-Behandlung „ACT“ (Anti Corrosion Treatment), die Beständigkeit in Umgebungen mit kritischen Umweltbedingungen garantiert. Extraklares gehärtetes Glas mit hohem Transmissionsindex, mit Silikon abgedichtet mithilfe eines robotergesteuerten Verklebverfahrens nach einer Plasmareinigungsbehandlung, garantiert Schutzart IP66/67, eine hohe Schlagfestigkeit IK10 und ist bis 2500 kg belastbar. Ingraze ist in einer Version erhältlich, die auf der vertikalen Achse um +/-10° verstellt werden kann. Die Einstellung erfolgt von außen mit einem speziellen, mit dem Produkt gelieferten Werkzeug, ohne dass das Produkt geöffnet werden muss, um in das Optikgehäuse zu gelangen. Die am Körper des Produkts angebrachte Skala gewährleistet eine präzise und sichere Ausrichtung. Der patentierte interne Kühlkörper ermöglicht ein hervorragendes Temperaturmanagement und erhöht so die Leistung und Lebensdauer des LED-Moduls. Verfügbare Farbtemperaturen 2200, 2700, 3000 und 4000 K; Die Lichtsteuerung kann über das Dali-Protokoll oder 1-10 V mit integriertem Treiber erfolgen. Beide Versionen, mit Rahmen und rahmenlos, können in derselben Schalung aus Stahl INOX, in einer einzelnen Konfiguration oder in Reihenschaltung installiert werden. Schalung und Montagezubehör müssen separat bestellt werden. Für den bodenbündigen Einbau der Variante mit Rahmen ist eine spezielle Schalung erhältlich. Ein patentiertes Federsystem vermeidet die Verwendung sichtbarer Schrauben zur Befestigung. Die Leuchte ist mit abgehenden Kabelabschnitten vorverkabelt und verfügt über zwei Schnellsteckverbindungen (IN-OUT), um die elektrischen Verkabelungsvorgänge zu erleichtern und zu beschleunigen.

An outdoor strip device for recessed floor installation with a next-gen high-power LED source. The product is designed to guarantee extreme visual comfort thanks to the rear position of the lens unit; the range is organised into two models, either framed or frameless, available in 4 different lengths to guarantee the greatest installation flexibility and to meet different project requirements, thanks to the various lens configurations: spot, medium, flood and elliptical. The availability of alternative versions equipped with asymmetrical or lengthwise diffusers helps optimise the product's performance, guaranteeing maximum visual comfort. Extruded aluminium body with a chemical conversion coating for high corrosion-resistance. Double end-plate cover made from high-resistance technopolymer. Coating with a double layer of powder paint and marine "ACT" (Anti-Corrosion Treatment) upon request, which guarantees resistance under harsh environmental conditions. Extra-clear tempered glass with a high transmittance index, siliconised through an automated bonding system, having undergone plasma cleaning treatment, guarantees an IP66/67 protection rating, high resistance to IK10 impact and can be driven over by vehicles up to 2500kg. Ingraze is available in an adjustable version on the vertical axis by +/-10°. This adjustment is done from the outside using a special tool provided with the product, without the need to open the product to access the lens compartment. A graduated scale on the body of the product guarantees secure, precise positioning. The patented internal heat sink allows for excellent temperature management, increasing the performance and lifetime of the LED module. Available colour temperatures: 2200, 2700, 3000, and 4000K; the light can be controlled through the DALI protocol, or 1-10V, with a built-in driver. Both framed and frameless versions can be installed in the same installation box, made from INOX steel, in single or continuous line configurations. Installation box and assembly accessories should be ordered separately. Installation box is available for installation of the framed version flush with the floor. A patented system of springs avoids the use of visible screws for fastening. This device is pre-wired with outgoing cable sections and complete with two quick connectors (IN-OUT) to make electrical wiring quicker and easier.

## Ausführungen / Colours

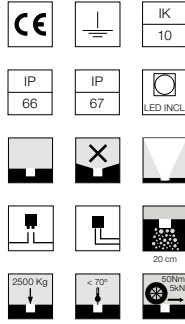
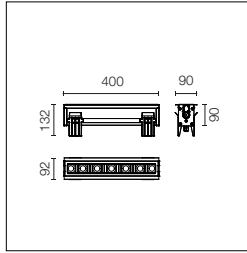
Ingraze



06 Grey



33 Anthracite



Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 958 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 993 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1064 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1100 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1AA006
  - F017A1AA033
- 1-10V
- F017A1AB006
  - F017A1AB033
- Dali
- F017A1AD006
  - F017A1AD033

**2700K**

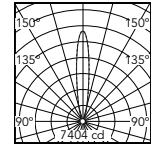
- Non Dimmable
- F017A2AA006
  - F017A2AA033
- 1-10V
- F017A2AB006
  - F017A2AB033
- Dali
- F017A2AD006
  - F017A2AD033

**3000K**

- Non Dimmable
- F017A3AA006
  - F017A3AA033
- 1-10V
- F017A3AB006
  - F017A3AB033
- Dali
- F017A3AD006
  - F017A3AD033

**4000K**

- Non Dimmable
- F017A4AA006
  - F017A4AA033
- 1-10V
- F017A4AB006
  - F017A4AB033
- Dali
- F017A4AD006
  - F017A4AD033



@3000K

Beam Angle: 16°

h(m)	E lx	D(m)
1	7404	0.27
2	1851	0.55
3	823	0.82
4	463	1.09
5	296	1.37

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 1031 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 1069 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1146 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1184 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1BA006
  - F017A1BA033
- 1-10V
- F017A1BB006
  - F017A1BB033
- Dali
- F017A1BD006
  - F017A1BD033

**2700K**

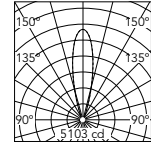
- Non Dimmable
- F017A2BA006
  - F017A2BA033
- 1-10V
- F017A2BB006
  - F017A2BB033
- Dali
- F017A2BD006
  - F017A2BD033

**3000K**

- Non Dimmable
- F017A3BA006
  - F017A3BA033
- 1-10V
- F017A3BB006
  - F017A3BB033
- Dali
- F017A3BD006
  - F017A3BD033

**4000K**

- Non Dimmable
- F017A4BA006
  - F017A4BA033
- 1-10V
- F017A4BB006
  - F017A4BB033
- Dali
- F017A4BD006
  - F017A4BD033



@3000K

Beam Angle: 25°

h(m)	E lx	D(m)
1	5103	0.44
2	1276	0.88
3	567	1.32
4	319	1.76
5	204	2.20

**Optic Flood 46°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 898 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 931 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 998 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1031 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1CA006
  - F017A1CA033
- 1-10V
- F017A1CB006
  - F017A1CB033
- Dali
- F017A1CD006
  - F017A1CD033

**2700K**

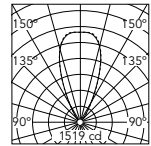
- Non Dimmable
- F017A2CA006
  - F017A2CA033
- 1-10V
- F017A2CB006
  - F017A2CB033
- Dali
- F017A2CD006
  - F017A2CD033

**3000K**

- Non Dimmable
- F017A3CA006
  - F017A3CA033
- 1-10V
- F017A3CB006
  - F017A3CB033
- Dali
- F017A3CD006
  - F017A3CD033

**4000K**

- Non Dimmable
- F017A4CA006
  - F017A4CA033
- 1-10V
- F017A4CB006
  - F017A4CB033
- Dali
- F017A4CD006
  - F017A4CD033



@3000K

Beam Angle: 46°

h(m)	E lx	D(m)
1	1511	0.85
2	378	1.71
3	168	2.56
4	94	3.42
5	60	4.27

**Optic Elliptical 12° x 50°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 901 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 934 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1001 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1034 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1DA006
  - F017A1DA033
- 1-10V
- F017A1DB006
  - F017A1DB033
- Dali
- F017A1DD006
  - F017A1DD033

**2700K**

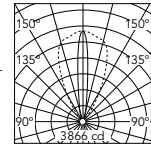
- Non Dimmable
- F017A2DA006
  - F017A2DA033
- 1-10V
- F017A2DB006
  - F017A2DB033
- Dali
- F017A2DD006
  - F017A2DD033

**3000K**

- Non Dimmable
- F017A3DA006
  - F017A3DA033
- 1-10V
- F017A3DB006
  - F017A3DB033
- Dali
- F017A3DD006
  - F017A3DD033

**4000K**

- Non Dimmable
- F017A4DA006
  - F017A4DA033
- 1-10V
- F017A4DB006
  - F017A4DB033
- Dali
- F017A4DD006
  - F017A4DD033

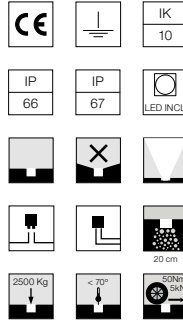
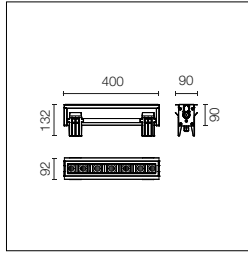


@3000K

Beam Angle: 12°

h(m)	E lx	D(m)
1	3866	0.22
2	966	0.44
3	430	0.66
4	242	0.87
5	155	1.09





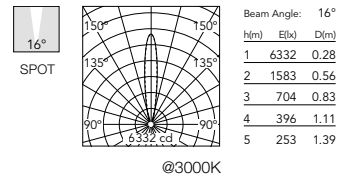
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 702 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 728 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 806 lm - 4000K/CRI 80

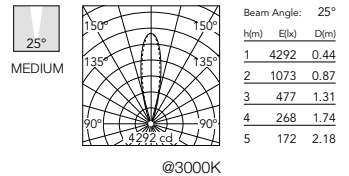
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017A1HA006	● F017A2HA006	● F017A3HA006	● F017A4HA006
● F017A1HA033	● F017A2HA033	● F017A3HA033	● F017A4HA033
1-10V	1-10V	1-10V	1-10V
● F017A1HB006	● F017A2HB006	● F017A3HB006	● F017A4HB006
● F017A1HB033	● F017A2HB033	● F017A3HB033	● F017A4HB033
Dali	Dali	Dali	Dali
● F017A1HD006	● F017A2HD006	● F017A3HD006	● F017A4HD006
● F017A1HD033	● F017A2HD033	● F017A3HD033	● F017A4HD033



**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 744 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 772 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 827 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 854 lm - 4000K/CRI 80

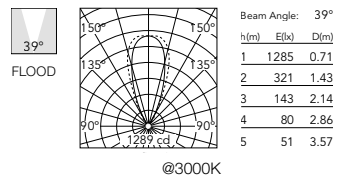
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017A1JA006	● F017A2JA006	● F017A3JA006	● F017A4JA006
● F017A1JA033	● F017A2JA033	● F017A3JA033	● F017A4JA033
1-10V	1-10V	1-10V	1-10V
● F017A1JB006	● F017A2JB006	● F017A3JB006	● F017A4JB006
● F017A1JB033	● F017A2JB033	● F017A3JB033	● F017A4JB033
Dali	Dali	Dali	Dali
● F017A1JD006	● F017A2JD006	● F017A3JD006	● F017A4JD006
● F017A1JD033	● F017A2JD033	● F017A3JD033	● F017A4JD033



**Optic Flood 39°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 576 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 597 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 639 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 661 lm - 4000K/CRI 80

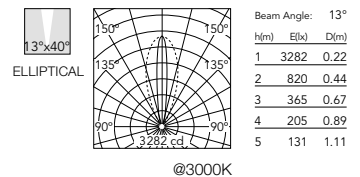
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017A1KA006	● F017A2KA006	● F017A3KA006	● F017A4KA006
● F017A1KA033	● F017A2KA033	● F017A3KA033	● F017A4KA033
1-10V	1-10V	1-10V	1-10V
● F017A1KB006	● F017A2KB006	● F017A3KB006	● F017A4KB006
● F017A1KB033	● F017A2KB033	● F017A3KB033	● F017A4KB033
Dali	Dali	Dali	Dali
● F017A1KD006	● F017A2KD006	● F017A3KD006	● F017A4KD006
● F017A1KD033	● F017A2KD033	● F017A3KD033	● F017A4KD033

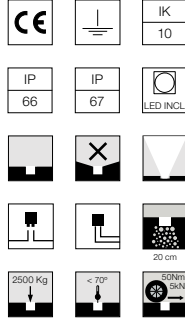
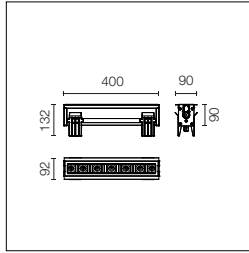


**Optic Elliptical 13° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 574 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 595 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 638 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 659 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017A1LA006	● F017A2LA006	● F017A3LA006	● F017A4LA006
● F017A1LA033	● F017A2LA033	● F017A3LA033	● F017A4LA033
1-10V	1-10V	1-10V	1-10V
● F017A1LB006	● F017A2LB006	● F017A3LB006	● F017A4LB006
● F017A1LB033	● F017A2LB033	● F017A3LB033	● F017A4LB033
Dali	Dali	Dali	Dali
● F017A1LD006	● F017A2LD006	● F017A3LD006	● F017A4LD006
● F017A1LD033	● F017A2LD033	● F017A3LD033	● F017A4LD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 334 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 346 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 371 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 383 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1QA006
- F017A1QA033
- 1-10V
- F017A1QB006
- F017A1QB033
- Dali
- F017A1QD006
- F017A1QD033

**2700K**

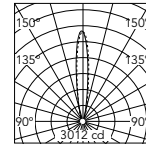
- Non Dimmable
- F017A2QA006
- F017A2QA033
- 1-10V
- F017A2QB006
- F017A2QB033
- Dali
- F017A2QD006
- F017A2QD033

**3000K**

- Non Dimmable
- F017A3QA006
- F017A3QA033
- 1-10V
- F017A3QB006
- F017A3QB033
- Dali
- F017A3QD006
- F017A3QD033

**4000K**

- Non Dimmable
- F017A4QA006
- F017A4QA033
- 1-10V
- F017A4QB006
- F017A4QB033
- Dali
- F017A4QD006
- F017A4QD033



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	3010	0.25
2	753	0.51
3	334	0.76
4	188	1.02
5	120	1.27

@3000K

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 353 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 367 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 406 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1RA006
- F017A1RA033
- 1-10V
- F017A1RB006
- F017A1RB033
- Dali
- F017A1RD006
- F017A1RD033

**2700K**

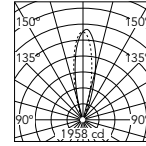
- Non Dimmable
- F017A2RA006
- F017A2RA033
- 1-10V
- F017A2RB006
- F017A2RB033
- Dali
- F017A2RD006
- F017A2RD033

**3000K**

- Non Dimmable
- F017A3RA006
- F017A3RA033
- 1-10V
- F017A3RB006
- F017A3RB033
- Dali
- F017A3RD006
- F017A3RD033

**4000K**

- Non Dimmable
- F017A4RA006
- F017A4RA033
- 1-10V
- F017A4RB006
- F017A4RB033
- Dali
- F017A4RD006
- F017A4RD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1955	0.45
2	489	0.89
3	217	1.34
4	122	1.78
5	78	2.23

@3000K

**Optic Flood 42°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 620 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 294 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 314 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 325 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1SA006
- F017A1SA033
- 1-10V
- F017A1SB006
- F017A1SB033
- Dali
- F017A1SD006
- F017A1SD033

**2700K**

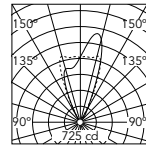
- Non Dimmable
- F017A2SA006
- F017A2SA033
- 1-10V
- F017A2SB006
- F017A2SB033
- Dali
- F017A2SD006
- F017A2SD033

**3000K**

- Non Dimmable
- F017A3SA006
- F017A3SA033
- 1-10V
- F017A3SB006
- F017A3SB033
- Dali
- F017A3SD006
- F017A3SD033

**4000K**

- Non Dimmable
- F017A4SA006
- F017A4SA033
- 1-10V
- F017A4SB006
- F017A4SB033
- Dali
- F017A4SD006
- F017A4SD033



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	688	0.76
2	172	1.51
3	76	2.27
4	43	3.03
5	28	3.78

@3000K

**Optic Elliptical 12° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 271 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 281 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 301 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 311 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017A1TA006
- F017A1TA033
- 1-10V
- F017A1TB006
- F017A1TB033
- Dali
- F017A1TD006
- F017A1TD033

**2700K**

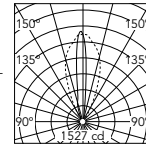
- Non Dimmable
- F017A2TA006
- F017A2TA033
- 1-10V
- F017A2TB006
- F017A2TB033
- Dali
- F017A2TD006
- F017A2TD033

**3000K**

- Non Dimmable
- F017A3TA006
- F017A3TA033
- 1-10V
- F017A3TB006
- F017A3TB033
- Dali
- F017A3TD006
- F017A3TD033

**4000K**

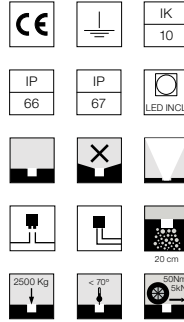
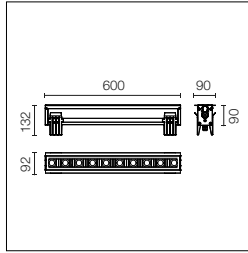
- Non Dimmable
- F017A4TA006
- F017A4TA033
- 1-10V
- F017A4TB006
- F017A4TB033
- Dali
- F017A4TD006
- F017A4TD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	1526	0.21
2	382	0.42
3	170	0.62
4	95	0.83
5	61	1.04

@3000K



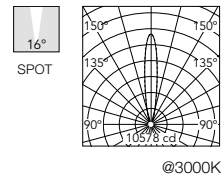
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1368 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1520 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1571 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1AA006	● F017B2AA006	● F017B3AA006	● F017B4AA006
● F017B1AA033	● F017B2AA033	● F017B3AA033	● F017B4AA033
1-10V	1-10V	1-10V	1-10V
● F017B1AB006	● F017B2AB006	● F017B3AB006	● F017B4AB006
● F017B1AB033	● F017B2AB033	● F017B3AB033	● F017B4AB033
Dali	Dali	Dali	Dali
● F017B1AD006	● F017B2AD006	● F017B3AD006	● F017B4AD006
● F017B1AD033	● F017B2AD033	● F017B3AD033	● F017B4AD033



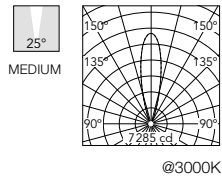
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	10578	0.27
2	2644	0.55
3	1175	0.82
4	661	1.09
5	423	1.37

**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1473 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1527 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1636 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1691 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1BA006	● F017B2BA006	● F017B3BA006	● F017B4BA006
● F017B1BA033	● F017B2BA033	● F017B3BA033	● F017B4BA033
1-10V	1-10V	1-10V	1-10V
● F017B1BB006	● F017B2BB006	● F017B3BB006	● F017B4BB006
● F017B1BB033	● F017B2BB033	● F017B3BB033	● F017B4BB033
Dali	Dali	Dali	Dali
● F017B1BD006	● F017B2BD006	● F017B3BD006	● F017B4BD006
● F017B1BD033	● F017B2BD033	● F017B3BD033	● F017B4BD033



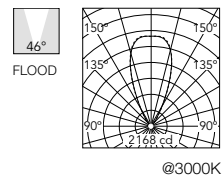
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	7285	0.44
2	1821	0.88
3	809	1.32
4	455	1.76
5	291	2.20

**Optic Flood 46°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1283 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1330 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1425 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1473 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1CA006	● F017B2CA006	● F017B3CA006	● F017B4CA006
● F017B1CA033	● F017B2CA033	● F017B3CA033	● F017B4CA033
1-10V	1-10V	1-10V	1-10V
● F017B1CB006	● F017B2CB006	● F017B3CB006	● F017B4CB006
● F017B1CB033	● F017B2CB033	● F017B3CB033	● F017B4CB033
Dali	Dali	Dali	Dali
● F017B1CD006	● F017B2CD006	● F017B3CD006	● F017B4CD006
● F017B1CD033	● F017B2CD033	● F017B3CD033	● F017B4CD033



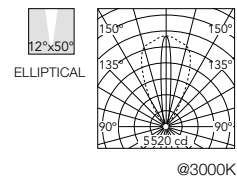
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	2158	0.85
2	539	1.71
3	240	2.56
4	135	3.42
5	86	4.27

**Optic Elliptical 12° x 50°**

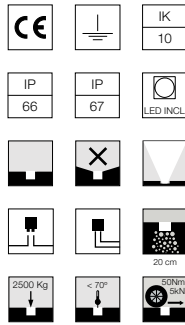
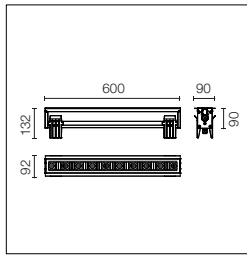
**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1286 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1334 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1429 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1477 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1DA006	● F017B2DA006	● F017B3DA006	● F017B4DA006
● F017B1DA033	● F017B2DA033	● F017B3DA033	● F017B4DA033
1-10V	1-10V	1-10V	1-10V
● F017B1DB006	● F017B2DB006	● F017B3DB006	● F017B4DB006
● F017B1DB033	● F017B2DB033	● F017B3DB033	● F017B4DB033
Dali	Dali	Dali	Dali
● F017B1DD006	● F017B2DD006	● F017B3DD006	● F017B4DD006
● F017B1DD033	● F017B2DD033	● F017B3DD033	● F017B4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	5519	0.22
2	1380	0.44
3	613	0.66
4	345	0.87
5	221	1.09



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1003 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1040 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1115 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017B1HA006
  - F017B1HA033
- 1-10V
- F017B1HB006
  - F017B1HB033
- Dali
- F017B1HD006
  - F017B1HD033

**2700K**

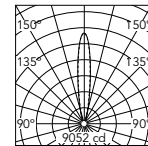
- Non Dimmable
- F017B2HA006
  - F017B2HA033
- 1-10V
- F017B2HB006
  - F017B2HB033
- Dali
- F017B2HD006
  - F017B2HD033

**3000K**

- Non Dimmable
- F017B3HA006
  - F017B3HA033
- 1-10V
- F017B3HB006
  - F017B3HB033
- Dali
- F017B3HD006
  - F017B3HD033

**4000K**

- Non Dimmable
- F017B4HA006
  - F017B4HA033
- 1-10V
- F017B4HB006
  - F017B4HB033
- Dali
- F017B4HD006
  - F017B4HD033



@3000K

Beam Angle: 16°	h(m)	E(lx)	D(m)
1	9052	0.28	
2	2263	0.56	
3	1006	0.83	
4	566	1.11	
5	362	1.39	

**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1063 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1102 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1181 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1220 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017B1JA006
  - F017B1JA033
- 1-10V
- F017B1JB006
  - F017B1JB033
- Dali
- F017B1JD006
  - F017B1JD033

**2700K**

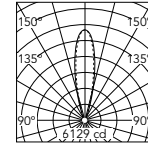
- Non Dimmable
- F017B2JA006
  - F017B2JA033
- 1-10V
- F017B2JB006
  - F017B2JB033
- Dali
- F017B2JD006
  - F017B2JD033

**3000K**

- Non Dimmable
- F017B3JA006
  - F017B3JA033
- 1-10V
- F017B3JB006
  - F017B3JB033
- Dali
- F017B3JD006
  - F017B3JD033

**4000K**

- Non Dimmable
- F017B4JA006
  - F017B4JA033
- 1-10V
- F017B4JB006
  - F017B4JB033
- Dali
- F017B4JD006
  - F017B4JD033



@3000K

Beam Angle: 25°	h(m)	E(lx)	D(m)
1	6129	0.44	
2	1532	0.87	
3	681	1.31	
4	383	1.74	
5	245	2.18	

**Optic Flood 39°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 944 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017B1KA006
  - F017B1KA033
- 1-10V
- F017B1KB006
  - F017B1KB033
- Dali
- F017B1KD006
  - F017B1KD033

**2700K**

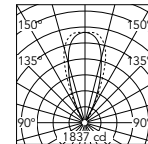
- Non Dimmable
- F017B2KA006
  - F017B2KA033
- 1-10V
- F017B2KB006
  - F017B2KB033
- Dali
- F017B2KD006
  - F017B2KD033

**3000K**

- Non Dimmable
- F017B3KA006
  - F017B3KA033
- 1-10V
- F017B3KB006
  - F017B3KB033
- Dali
- F017B3KD006
  - F017B3KD033

**4000K**

- Non Dimmable
- F017B4KA006
  - F017B4KA033
- 1-10V
- F017B4KB006
  - F017B4KB033
- Dali
- F017B4KD006
  - F017B4KD033



@3000K

Beam Angle: 39°	h(m)	E(lx)	D(m)
1	1832	0.71	
2	458	1.43	
3	204	2.14	
4	115	2.86	
5	73	3.57	

**Optic Elliptical 13° x 40°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 941 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017B1LA006
  - F017B1LA033
- 1-10V
- F017B1LB006
  - F017B1LB033
- Dali
- F017B1LD006
  - F017B1LD033

**2700K**

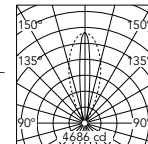
- Non Dimmable
- F017B2LA006
  - F017B2LA033
- 1-10V
- F017B2LB006
  - F017B2LB033
- Dali
- F017B2LD006
  - F017B2LD033

**3000K**

- Non Dimmable
- F017B3LA006
  - F017B3LA033
- 1-10V
- F017B3LB006
  - F017B3LB033
- Dali
- F017B3LD006
  - F017B3LD033

**4000K**

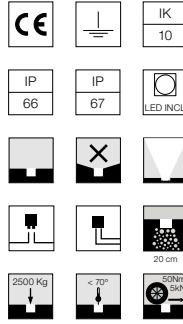
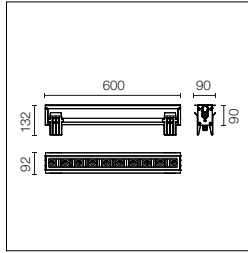
- Non Dimmable
- F017B4LA006
  - F017B4LA033
- 1-10V
- F017B4LB006
  - F017B4LB033
- Dali
- F017B4LD006
  - F017B4LD033



@3000K

Beam Angle: 13°	h(m)	E(lx)	D(m)
1	4686	0.22	
2	1172	0.44	
3	521	0.67	
4	293	0.89	
5	187	1.11	

# Ingraze Fixed Frame + Asymmetric Louvre L 600



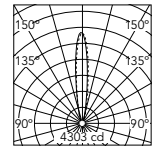
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 16°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 477 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 495 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 530 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 548 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1QA006	● F017B2QA006	● F017B3QA006	● F017B4QA006
● F017B1QA033	● F017B2QA033	● F017B3QA033	● F017B4QA033
1-10V	1-10V	1-10V	1-10V
● F017B1QB006	● F017B2QB006	● F017B3QB006	● F017B4QB006
● F017B1QB033	● F017B2QB033	● F017B3QB033	● F017B4QB033
Dali	Dali	Dali	Dali
● F017B1QD006	● F017B2QD006	● F017B3QD006	● F017B4QD006
● F017B1QD033	● F017B2QD033	● F017B3QD033	● F017B4QD033



Beam Angle: 15°

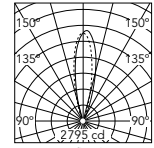
h(m)	E(ft)	D(m)
1	4300	0.25
2	1075	0.51
3	478	0.76
4	269	1.02
5	172	1.27

@3000K

## Optic Medium 25°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 505 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 523 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 561 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 579 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1RA006	● F017B2RA006	● F017B3RA006	● F017B4RA006
● F017B1RA033	● F017B2RA033	● F017B3RA033	● F017B4RA033
1-10V	1-10V	1-10V	1-10V
● F017B1RB006	● F017B2RB006	● F017B3RB006	● F017B4RB006
● F017B1RB033	● F017B2RB033	● F017B3RB033	● F017B4RB033
Dali	Dali	Dali	Dali
● F017B1RD006	● F017B2RD006	● F017B3RD006	● F017B4RD006
● F017B1RD033	● F017B2RD033	● F017B3RD033	● F017B4RD033



Beam Angle: 25°

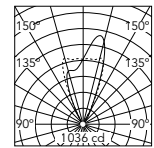
h(m)	E(ft)	D(m)
1	2790	0.45
2	698	0.89
3	310	1.34
4	174	1.78
5	112	2.23

@3000K

## Optic Flood 46°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 404 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 449 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 464 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1SA006	● F017B2SA006	● F017B3SA006	● F017B4SA006
● F017B1SA033	● F017B2SA033	● F017B3SA033	● F017B4SA033
1-10V	1-10V	1-10V	1-10V
● F017B1SB006	● F017B2SB006	● F017B3SB006	● F017B4SB006
● F017B1SB033	● F017B2SB033	● F017B3SB033	● F017B4SB033
Dali	Dali	Dali	Dali
● F017B1SD006	● F017B2SD006	● F017B3SD006	● F017B4SD006
● F017B1SD033	● F017B2SD033	● F017B3SD033	● F017B4SD033



Beam Angle: 42°

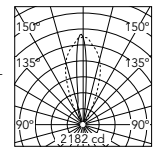
h(m)	E(ft)	D(m)
1	983	0.76
2	246	1.51
3	109	2.27
4	61	3.03
5	39	3.78

@3000K

## Optic Elliptical 12° x 40°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 387 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 430 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 444 lm - 4000K/CRI 80

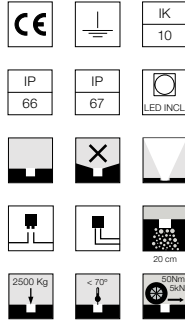
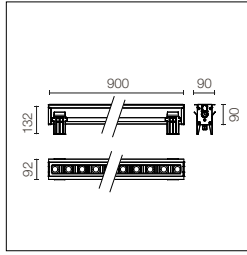
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017B1TA006	● F017B2TA006	● F017B3TA006	● F017B4TA006
● F017B1TA033	● F017B2TA033	● F017B3TA033	● F017B4TA033
1-10V	1-10V	1-10V	1-10V
● F017B1TB006	● F017B2TB006	● F017B3TB006	● F017B4TB006
● F017B1TB033	● F017B2TB033	● F017B3TB033	● F017B4TB033
Dali	Dali	Dali	Dali
● F017B1TD006	● F017B2TD006	● F017B3TD006	● F017B4TD006
● F017B1TD033	● F017B2TD033	● F017B3TD033	● F017B4TD033



Beam Angle: 12°

h(m)	E(ft)	D(m)
1	2181	0.21
2	545	0.42
3	242	0.62
4	136	0.83
5	87	1.04

@3000K



Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2052 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2128 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2280 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2356 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017C1AA006
- F017C1AA033
- 1-10V
- F017C1AB006
- F017C1AB033
- Dali
- F017C1AD006
- F017C1AD033

**2700K**

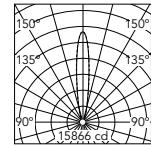
- Non Dimmable
- F017C2AA006
- F017C2AA033
- 1-10V
- F017C2AB006
- F017C2AB033
- Dali
- F017C2AD006
- F017C2AD033

**3000K**

- Non Dimmable
- F017C3AA006
- F017C3AA033
- 1-10V
- F017C3AB006
- F017C3AB033
- Dali
- F017C3AD006
- F017C3AD033

**4000K**

- Non Dimmable
- F017C4AA006
- F017C4AA033
- 1-10V
- F017C4AB006
- F017C4AB033
- Dali
- F017C4AD006
- F017C4AD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	15866	0.27
2	3967	0.55
3	1763	0.82
4	992	1.09
5	635	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2209 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2291 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2454 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017C1BA006
- F017C1BA033
- 1-10V
- F017C1BB006
- F017C1BB033
- Dali
- F017C1BD006
- F017C1BD033

**2700K**

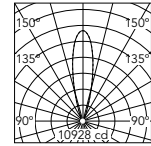
- Non Dimmable
- F017C2BA006
- F017C2BA033
- 1-10V
- F017C2BB006
- F017C2BB033
- Dali
- F017C2BD006
- F017C2BD033

**3000K**

- Non Dimmable
- F017C3BA006
- F017C3BA033
- 1-10V
- F017C3BB006
- F017C3BB033
- Dali
- F017C3BD006
- F017C3BD033

**4000K**

- Non Dimmable
- F017C4BA006
- F017C4BA033
- 1-10V
- F017C4BB006
- F017C4BB033
- Dali
- F017C4BD006
- F017C4BD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	10928	0.44
2	2732	0.88
3	1214	1.32
4	683	1.76
5	437	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1924 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1995 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2138 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2209 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017C1CA006
- F017C1CA033
- 1-10V
- F017C1CB006
- F017C1CB033
- Dali
- F017C1CD006
- F017C1CD033

**2700K**

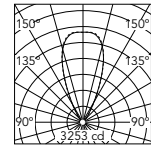
- Non Dimmable
- F017C2CA006
- F017C2CA033
- 1-10V
- F017C2CB006
- F017C2CB033
- Dali
- F017C2CD006
- F017C2CD033

**3000K**

- Non Dimmable
- F017C3CA006
- F017C3CA033
- 1-10V
- F017C3CB006
- F017C3CB033
- Dali
- F017C3CD006
- F017C3CD033

**4000K**

- Non Dimmable
- F017C4CA006
- F017C4CA033
- 1-10V
- F017C4CB006
- F017C4CB033
- Dali
- F017C4CD006
- F017C4CD033



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3238	0.85
2	809	1.71
3	360	2.56
4	202	3.42
5	130	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1929 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2001 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2144 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2215 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017C1DA006
- F017C1DA033
- 1-10V
- F017C1DB006
- F017C1DB033
- Dali
- F017C1DD006
- F017C1DD033

**2700K**

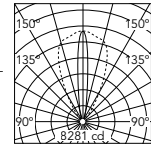
- Non Dimmable
- F017C2DA006
- F017C2DA033
- 1-10V
- F017C2DB006
- F017C2DB033
- Dali
- F017C2DD006
- F017C2DD033

**3000K**

- Non Dimmable
- F017C3DA006
- F017C3DA033
- 1-10V
- F017C3DB006
- F017C3DB033
- Dali
- F017C3DD006
- F017C3DD033

**4000K**

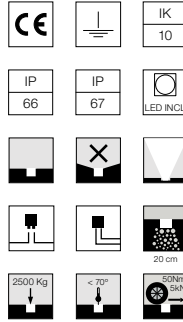
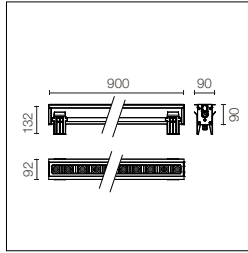
- Non Dimmable
- F017C4DA006
- F017C4DA033
- 1-10V
- F017C4DB006
- F017C4DB033
- Dali
- F017C4DD006
- F017C4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	8280	0.22
2	2070	0.44
3	920	0.66
4	517	0.87
5	331	1.09

@3000K



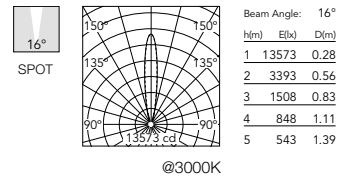
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1505 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1560 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1672 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1728 lm - 4000K/CRI 80

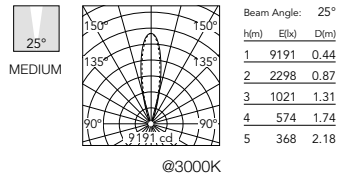
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017C1HA006	● F017C2HA006	● F017C3HA006	● F017C4HA006
● F017C1HA033	● F017C2HA033	● F017C3HA033	● F017C4HA033
1-10V	1-10V	1-10V	1-10V
● F017C1HB006	● F017C2HB006	● F017C3HB006	● F017C4HB006
● F017C1HB033	● F017C2HB033	● F017C3HB033	● F017C4HB033
Dali	Dali	Dali	Dali
● F017C1HD006	● F017C2HD006	● F017C3HD006	● F017C4HD006
● F017C1HD033	● F017C2HD033	● F017C3HD033	● F017C4HD033



**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1594 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1653 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1771 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1830 lm - 4000K/CRI 80

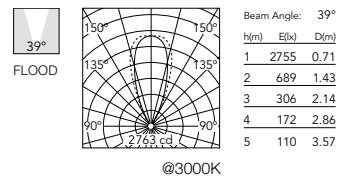
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017C1JA006	● F017C2JA006	● F017C3JA006	● F017C4JA006
● F017C1JA033	● F017C2JA033	● F017C3JA033	● F017C4JA033
1-10V	1-10V	1-10V	1-10V
● F017C1JB006	● F017C2JB006	● F017C3JB006	● F017C4JB006
● F017C1JB033	● F017C2JB033	● F017C3JB033	● F017C4JB033
Dali	Dali	Dali	Dali
● F017C1JD006	● F017C2JD006	● F017C3JD006	● F017C4JD006
● F017C1JD033	● F017C2JD033	● F017C3JD033	● F017C4JD033



**Optic Flood 39°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1233 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1278 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1370 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1415 lm - 4000K/CRI 80

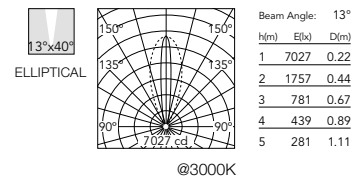
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017C1KA006	● F017C2KA006	● F017C3KA006	● F017C4KA006
● F017C1KA033	● F017C2KA033	● F017C3KA033	● F017C4KA033
1-10V	1-10V	1-10V	1-10V
● F017C1KB006	● F017C2KB006	● F017C3KB006	● F017C4KB006
● F017C1KB033	● F017C2KB033	● F017C3KB033	● F017C4KB033
Dali	Dali	Dali	Dali
● F017C1KD006	● F017C2KD006	● F017C3KD006	● F017C4KD006
● F017C1KD033	● F017C2KD033	● F017C3KD033	● F017C4KD033

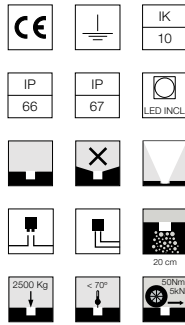
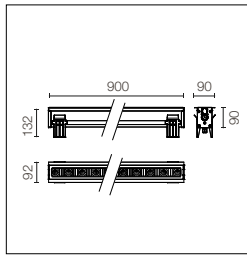


**Optic Elliptical 13° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1229 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1275 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1366 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1411 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017C1LA006	● F017C2LA006	● F017C3LA006	● F017C4LA006
● F017C1LA033	● F017C2LA033	● F017C3LA033	● F017C4LA033
1-10V	1-10V	1-10V	1-10V
● F017C1LB006	● F017C2LB006	● F017C3LB006	● F017C4LB006
● F017C1LB033	● F017C2LB033	● F017C3LB033	● F017C4LB033
Dali	Dali	Dali	Dali
● F017C1LD006	● F017C2LD006	● F017C3LD006	● F017C4LD006
● F017C1LD033	● F017C2LD033	● F017C3LD033	● F017C4LD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schaltung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 715 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 742 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 795 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 821 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017C1QA006
- F017C1QA033
- 1-10V
- F017C1QB006
- F017C1QB033
- Dali
- F017C1QD006
- F017C1QD033

**2700K**

Non Dimmable

- F017C2QA006
- F017C2QA033
- 1-10V
- F017C2QB006
- F017C2QB033
- Dali
- F017C2QD006
- F017C2QD033

**3000K**

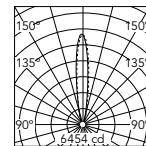
Non Dimmable

- F017C3QA006
- F017C3QA033
- 1-10V
- F017C3QB006
- F017C3QB033
- Dali
- F017C3QD006
- F017C3QD033

**4000K**

Non Dimmable

- F017C4QA006
- F017C4QA033
- 1-10V
- F017C4QB006
- F017C4QB033
- Dali
- F017C4QD006
- F017C4QD033



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6451	0.25
2	1613	0.51
3	717	0.76
4	403	1.02
5	258	1.27

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 757 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 785 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 841 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 869 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017C1RA006
- F017C1RA033
- 1-10V
- F017C1RB006
- F017C1RB033
- Dali
- F017C1RD006
- F017C1RD033

**2700K**

Non Dimmable

- F017C2RA006
- F017C2RA033
- 1-10V
- F017C2RB006
- F017C2RB033
- Dali
- F017C2RD006
- F017C2RD033

**3000K**

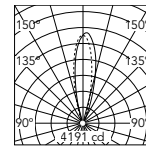
Non Dimmable

- F017C3RA006
- F017C3RA033
- 1-10V
- F017C3RB006
- F017C3RB033
- Dali
- F017C3RD006
- F017C3RD033

**4000K**

Non Dimmable

- F017C4RA006
- F017C4RA033
- 1-10V
- F017C4RB006
- F017C4RB033
- Dali
- F017C4RD006
- F017C4RD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	4183	0.45
2	1046	0.89
3	465	1.34
4	261	1.78
5	167	2.23

@3000K

**Optic Flood 42°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 606 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 628 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 673 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 696 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017C1SA006
- F017C1SA033
- 1-10V
- F017C1SB006
- F017C1SB033
- Dali
- F017C1SD006
- F017C1SD033

**2700K**

Non Dimmable

- F017C2SA006
- F017C2SA033
- 1-10V
- F017C2SB006
- F017C2SB033
- Dali
- F017C2SD006
- F017C2SD033

**3000K**

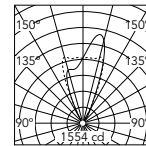
Non Dimmable

- F017C3SA006
- F017C3SA033
- 1-10V
- F017C3SB006
- F017C3SB033
- Dali
- F017C3SD006
- F017C3SD033

**4000K**

Non Dimmable

- F017C4SA006
- F017C4SA033
- 1-10V
- F017C4SB006
- F017C4SB033
- Dali
- F017C4SD006
- F017C4SD033



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1474	0.76
2	368	1.51
3	164	2.27
4	92	3.03
5	59	3.78

@3000K

**Optic Elliptical 12° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 580 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 602 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 645 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 666 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017C1TA006
- F017C1TA033
- 1-10V
- F017C1TB006
- F017C1TB033
- Dali
- F017C1TD006
- F017C1TD033

**2700K**

Non Dimmable

- F017C2TA006
- F017C2TA033
- 1-10V
- F017C2TB006
- F017C2TB033
- Dali
- F017C2TD006
- F017C2TD033

**3000K**

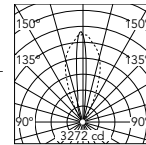
Non Dimmable

- F017C3TA006
- F017C3TA033
- 1-10V
- F017C3TB006
- F017C3TB033
- Dali
- F017C3TD006
- F017C3TD033

**4000K**

Non Dimmable

- F017C4TA006
- F017C4TA033
- 1-10V
- F017C4TB006
- F017C4TB033
- Dali
- F017C4TD006
- F017C4TD033

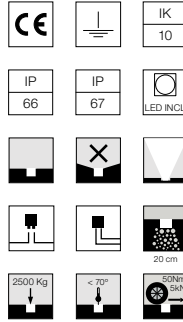
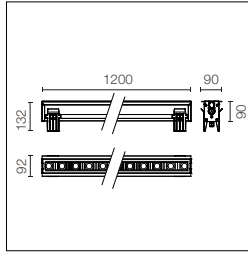


Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3271	0.21
2	818	0.42
3	363	0.62
4	204	0.83
5	131	1.04

@3000K





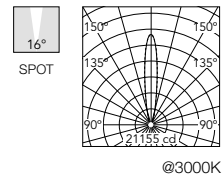
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2736 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2837 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3040 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3141 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1AA006	● F017D2AA006	● F017D3AA006	● F017D4AA006
● F017D1AA033	● F017D2AA033	● F017D3AA033	● F017D4AA033
1-10V	1-10V	1-10V	1-10V
● F017D1AB006	● F017D2AB006	● F017D3AB006	● F017D4AB006
● F017D1AB033	● F017D2AB033	● F017D3AB033	● F017D4AB033
Dali	Dali	Dali	Dali
● F017D1AD006	● F017D2AD006	● F017D3AD006	● F017D4AD006
● F017D1AD033	● F017D2AD033	● F017D3AD033	● F017D4AD033



Beam Angle: 16°

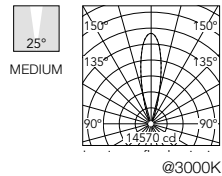
h(m)	E(lx)	D(m)
1	21155	0.27
2	5289	0.55
3	2351	0.82
4	1322	1.09
5	846	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2945 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 3054 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3272 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3381 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1BA006	● F017D2BA006	● F017D3BA006	● F017D4BA006
● F017D1BA033	● F017D2BA033	● F017D3BA033	● F017D4BA033
1-10V	1-10V	1-10V	1-10V
● F017D1BB006	● F017D2BB006	● F017D3BB006	● F017D4BB006
● F017D1BB033	● F017D2BB033	● F017D3BB033	● F017D4BB033
Dali	Dali	Dali	Dali
● F017D1BD006	● F017D2BD006	● F017D3BD006	● F017D4BD006
● F017D1BD033	● F017D2BD033	● F017D3BD033	● F017D4BD033



Beam Angle: 25°

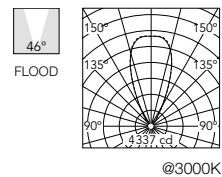
h(m)	E(lx)	D(m)
1	14570	0.44
2	3643	0.88
3	1619	1.32
4	911	1.76
5	583	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2565 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2660 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2850 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2945 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1CA006	● F017D2CA006	● F017D3CA006	● F017D4CA006
● F017D1CA033	● F017D2CA033	● F017D3CA033	● F017D4CA033
1-10V	1-10V	1-10V	1-10V
● F017D1CB006	● F017D2CB006	● F017D3CB006	● F017D4CB006
● F017D1CB033	● F017D2CB033	● F017D3CB033	● F017D4CB033
Dali	Dali	Dali	Dali
● F017D1CD006	● F017D2CD006	● F017D3CD006	● F017D4CD006
● F017D1CD033	● F017D2CD033	● F017D3CD033	● F017D4CD033



Beam Angle: 46°

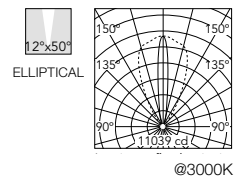
h(m)	E(lx)	D(m)
1	4316	0.85
2	1079	1.71
3	480	2.56
4	270	3.42
5	173	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2572 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2668 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2858 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2953 lm - 4000K/CRI 80

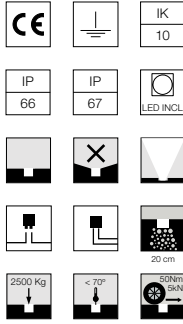
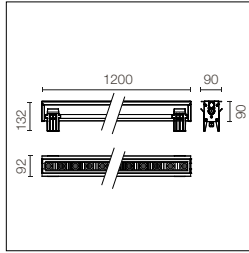
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1DA006	● F017D2DA006	● F017D3DA006	● F017D4DA006
● F017D1DA033	● F017D2DA033	● F017D3DA033	● F017D4DA033
1-10V	1-10V	1-10V	1-10V
● F017D1DB006	● F017D2DB006	● F017D3DB006	● F017D4DB006
● F017D1DB033	● F017D2DB033	● F017D3DB033	● F017D4DB033
Dali	Dali	Dali	Dali
● F017D1DD006	● F017D2DD006	● F017D3DD006	● F017D4DD006
● F017D1DD033	● F017D2DD033	● F017D3DD033	● F017D4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	11037	0.22
2	2759	0.44
3	1226	0.66
4	690	0.87
5	441	1.09

@3000K



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2006 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2080 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2229 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2303 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017D1HA006
  - F017D1HA033
- 1-10V
- F017D1HB006
  - F017D1HB033
- Dali
- F017D1HD006
  - F017D1HD033

**2700K**

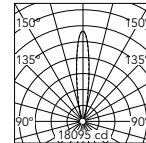
- Non Dimmable
- F017D2HA006
  - F017D2HA033
- 1-10V
- F017D2HB006
  - F017D2HB033
- Dali
- F017D2HD006
  - F017D2HD033

**3000K**

- Non Dimmable
- F017D3HA006
  - F017D3HA033
- 1-10V
- F017D3HB006
  - F017D3HB033
- Dali
- F017D3HD006
  - F017D3HD033

**4000K**

- Non Dimmable
- F017D4HA006
  - F017D4HA033
- 1-10V
- F017D4HB006
  - F017D4HB033
- Dali
- F017D4HD006
  - F017D4HD033



@3000K

Beam Angle: 16°

h(m)	E(lx)	D(m)
1	18095	0.28
2	4524	0.56
3	2011	0.83
4	1131	1.11
5	724	1.39

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2125 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2203 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2361 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2439 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017D1JA006
  - F017D1JA033
- 1-10V
- F017D1JB006
  - F017D1JB033
- Dali
- F017D1JD006
  - F017D1JD033

**2700K**

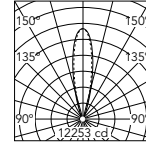
- Non Dimmable
- F017D2JA006
  - F017D2JA033
- 1-10V
- F017D2JB006
  - F017D2JB033
- Dali
- F017D2JD006
  - F017D2JD033

**3000K**

- Non Dimmable
- F017D3JA006
  - F017D3JA033
- 1-10V
- F017D3JB006
  - F017D3JB033
- Dali
- F017D3JD006
  - F017D3JD033

**4000K**

- Non Dimmable
- F017D4JA006
  - F017D4JA033
- 1-10V
- F017D4JB006
  - F017D4JB033
- Dali
- F017D4JD006
  - F017D4JD033



@3000K

Beam Angle: 25°

h(m)	E(lx)	D(m)
1	12253	0.44
2	3063	0.87
3	1361	1.31
4	766	1.74
5	490	2.18

**Optic Flood 39°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1643 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1704 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1826 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1887 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017D1KA006
  - F017D1KA033
- 1-10V
- F017D1KB006
  - F017D1KB033
- Dali
- F017D1KD006
  - F017D1KD033

**2700K**

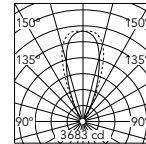
- Non Dimmable
- F017D2KA006
  - F017D2KA033
- 1-10V
- F017D2KB006
  - F017D2KB033
- Dali
- F017D2KD006
  - F017D2KD033

**3000K**

- Non Dimmable
- F017D3KA006
  - F017D3KA033
- 1-10V
- F017D3KB006
  - F017D3KB033
- Dali
- F017D3KD006
  - F017D3KD033

**4000K**

- Non Dimmable
- F017D4KA006
  - F017D4KA033
- 1-10V
- F017D4KB006
  - F017D4KB033
- Dali
- F017D4KD006
  - F017D4KD033



@3000K

Beam Angle: 39°

h(m)	E(lx)	D(m)
1	3672	0.71
2	918	1.43
3	408	2.14
4	230	2.86
5	147	3.57

**Optic Elliptical 13° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1639 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1700 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1821 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1882 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017D1LA006
  - F017D1LA033
- 1-10V
- F017D1LB006
  - F017D1LB033
- Dali
- F017D1LD006
  - F017D1LD033

**2700K**

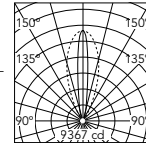
- Non Dimmable
- F017D2LA006
  - F017D2LA033
- 1-10V
- F017D2LB006
  - F017D2LB033
- Dali
- F017D2LD006
  - F017D2LD033

**3000K**

- Non Dimmable
- F017D3LA006
  - F017D3LA033
- 1-10V
- F017D3LB006
  - F017D3LB033
- Dali
- F017D3LD006
  - F017D3LD033

**4000K**

- Non Dimmable
- F017D4LA006
  - F017D4LA033
- 1-10V
- F017D4LB006
  - F017D4LB033
- Dali
- F017D4LD006
  - F017D4LD033

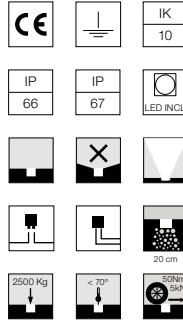
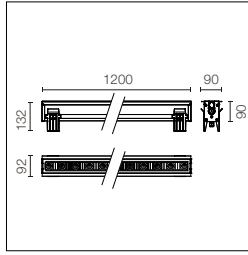


@3000K

Beam Angle: 13°

h(m)	E(lx)	D(m)
1	9367	0.22
2	2342	0.44
3	1041	0.67
4	585	0.89
5	375	1.11

# Ingraze Fixed Frame + Asymmetric Louvre L 1200



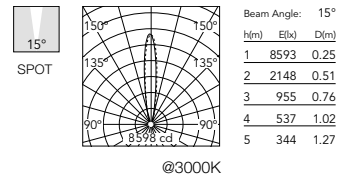
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 15°

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 954 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 989 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1059 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1095 lm - 4000K/CRI 80

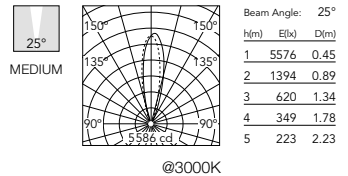
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1QA006	● F017D2QA006	● F017D3QA006	● F017D4QA006
● F017D1QA033	● F017D2QA033	● F017D3QA033	● F017D4QA033
1-10V	1-10V	1-10V	1-10V
● F017D1QB006	● F017D2QB006	● F017D3QB006	● F017D4QB006
● F017D1QB033	● F017D2QB033	● F017D3QB033	● F017D4QB033
Dali	Dali	Dali	Dali
● F017D1QD006	● F017D2QD006	● F017D3QD006	● F017D4QD006
● F017D1QD033	● F017D2QD033	● F017D3QD033	● F017D4QD033



## Optic Medium 25°

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1009 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1046 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1121 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1158 lm - 4000K/CRI 80

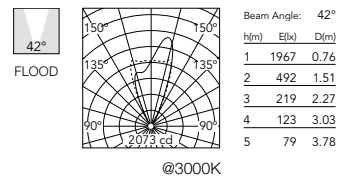
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1RA006	● F017D2RA006	● F017D3RA006	● F017D4RA006
● F017D1RA033	● F017D2RA033	● F017D3RA033	● F017D4RA033
1-10V	1-10V	1-10V	1-10V
● F017D1RB006	● F017D2RB006	● F017D3RB006	● F017D4RB006
● F017D1RB033	● F017D2RB033	● F017D3RB033	● F017D4RB033
Dali	Dali	Dali	Dali
● F017D1RD006	● F017D2RD006	● F017D3RD006	● F017D4RD006
● F017D1RD033	● F017D2RD033	● F017D3RD033	● F017D4RD033



## Optic Flood 42°

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 808 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 838 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 898 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 928 lm - 4000K/CRI 80

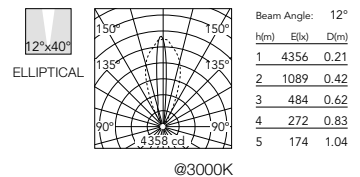
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1SA006	● F017D2SA006	● F017D3SA006	● F017D4SA006
● F017D1SA033	● F017D2SA033	● F017D3SA033	● F017D4SA033
1-10V	1-10V	1-10V	1-10V
● F017D1SB006	● F017D2SB006	● F017D3SB006	● F017D4SB006
● F017D1SB033	● F017D2SB033	● F017D3SB033	● F017D4SB033
Dali	Dali	Dali	Dali
● F017D1SD006	● F017D2SD006	● F017D3SD006	● F017D4SD006
● F017D1SD033	● F017D2SD033	● F017D3SD033	● F017D4SD033

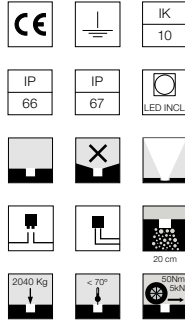
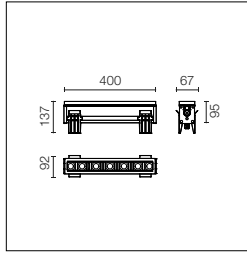


## Optic Elliptical 12° x 40°

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 773 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 802 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 859 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 888 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017D1TA006	● F017D2TA006	● F017D3TA006	● F017D4TA006
● F017D1TA033	● F017D2TA033	● F017D3TA033	● F017D4TA033
1-10V	1-10V	1-10V	1-10V
● F017D1TB006	● F017D2TB006	● F017D3TB006	● F017D4TB006
● F017D1TB033	● F017D2TB033	● F017D3TB033	● F017D4TB033
Dali	Dali	Dali	Dali
● F017D1TD006	● F017D2TD006	● F017D3TD006	● F017D4TD006
● F017D1TD033	● F017D2TD033	● F017D3TD033	● F017D4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 958 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 993 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1064 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1100 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017J1AA006
- F017J1AA033
- 1-10V
- F017J1AB006
- F017J1AB033
- Dali
- F017J1AD006
- F017J1AD033

**2700K**

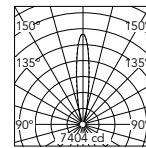
- Non Dimmable
- F017J2AA006
- F017J2AA033
- 1-10V
- F017J2AB006
- F017J2AB033
- Dali
- F017J2AD006
- F017J2AD033

**3000K**

- Non Dimmable
- F017J3AA006
- F017J3AA033
- 1-10V
- F017J3AB006
- F017J3AB033
- Dali
- F017J3AD006
- F017J3AD033

**4000K**

- Non Dimmable
- F017J4AA006
- F017J4AA033
- 1-10V
- F017J4AB006
- F017J4AB033
- Dali
- F017J4AD006
- F017J4AD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	7404	0.27
2	1851	0.55
3	823	0.82
4	463	1.09
5	296	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 1031 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 1069 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1146 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1184 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017J1BA006
- F017J1BA033
- 1-10V
- F017J1BB006
- F017J1BB033
- Dali
- F017J1BD006
- F017J1BD033

**2700K**

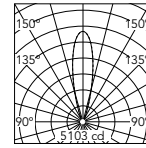
- Non Dimmable
- F017J2BA006
- F017J2BA033
- 1-10V
- F017J2BB006
- F017J2BB033
- Dali
- F017J2BD006
- F017J2BD033

**3000K**

- Non Dimmable
- F017J3BA006
- F017J3BA033
- 1-10V
- F017J3BB006
- F017J3BB033
- Dali
- F017J3BD006
- F017J3BD033

**4000K**

- Non Dimmable
- F017J4BA006
- F017J4BA033
- 1-10V
- F017J4BB006
- F017J4BB033
- Dali
- F017J4BD006
- F017J4BD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5103	0.44
2	1276	0.88
3	567	1.32
4	319	1.76
5	204	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 898 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 931 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 998 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1031 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017J1CA006
- F017J1CA033
- 1-10V
- F017J1CB006
- F017J1CB033
- Dali
- F017J1CD006
- F017J1CD033

**2700K**

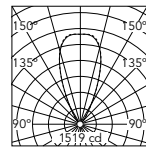
- Non Dimmable
- F017J2CA006
- F017J2CA033
- 1-10V
- F017J2CB006
- F017J2CB033
- Dali
- F017J2CD006
- F017J2CD033

**3000K**

- Non Dimmable
- F017J3CA006
- F017J3CA033
- 1-10V
- F017J3CB006
- F017J3CB033
- Dali
- F017J3CD006
- F017J3CD033

**4000K**

- Non Dimmable
- F017J4CA006
- F017J4CA033
- 1-10V
- F017J4CB006
- F017J4CB033
- Dali
- F017J4CD006
- F017J4CD033



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1511	0.85
2	378	1.71
3	168	2.56
4	94	3.42
5	60	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 901 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 934 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1001 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1034 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017J1DA006
- F017J1DA033
- 1-10V
- F017J1DB006
- F017J1DB033
- Dali
- F017J1DD006
- F017J1DD033

**2700K**

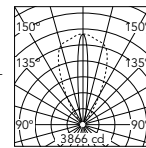
- Non Dimmable
- F017J2DA006
- F017J2DA033
- 1-10V
- F017J2DB006
- F017J2DB033
- Dali
- F017J2DD006
- F017J2DD033

**3000K**

- Non Dimmable
- F017J3DA006
- F017J3DA033
- 1-10V
- F017J3DB006
- F017J3DB033
- Dali
- F017J3DD006
- F017J3DD033

**4000K**

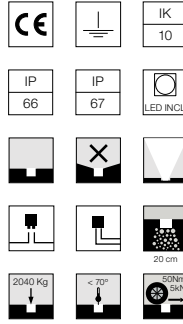
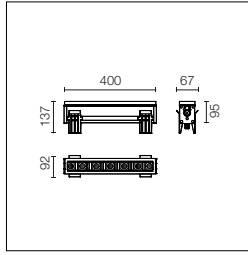
- Non Dimmable
- F017J4DA006
- F017J4DA033
- 1-10V
- F017J4DB006
- F017J4DB033
- Dali
- F017J4DD006
- F017J4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3866	0.22
2	966	0.44
3	430	0.66
4	242	0.87
5	155	1.09

@3000K



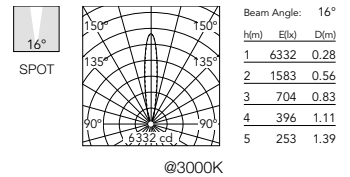
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 702 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 728 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 806 lm - 4000K/CRI 80

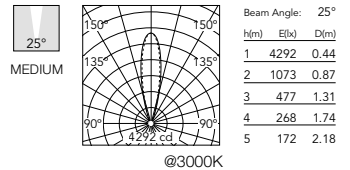
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017J1HA006	● F017J2HA006	● F017J3HA006	● F017J4HA006
● F017J1HA033	● F017J2HA033	● F017J3HA033	● F017J4HA033
1-10V	1-10V	1-10V	1-10V
● F017J1HB006	● F017J2HB006	● F017J3HB006	● F017J4HB006
● F017J1HB033	● F017J2HB033	● F017J3HB033	● F017J4HB033
Dali	Dali	Dali	Dali
● F017J1HD006	● F017J2HD006	● F017J3HD006	● F017J4HD006
● F017J1HD033	● F017J2HD033	● F017J3HD033	● F017J4HD033



**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 744 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 772 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 827 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 854 lm - 4000K/CRI 80

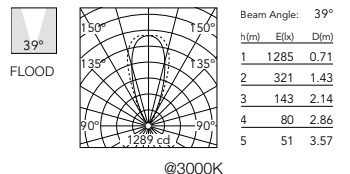
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017J1JA006	● F017J2JA006	● F017J3JA006	● F017J4JA006
● F017J1JA033	● F017J2JA033	● F017J3JA033	● F017J4JA033
1-10V	1-10V	1-10V	1-10V
● F017J1JB006	● F017J2JB006	● F017J3JB006	● F017J4JB006
● F017J1JB033	● F017J2JB033	● F017J3JB033	● F017J4JB033
Dali	Dali	Dali	Dali
● F017J1JD006	● F017J2JD006	● F017J3JD006	● F017J4JD006
● F017J1JD033	● F017J2JD033	● F017J3JD033	● F017J4JD033



**Optic Flood 39°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 576 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 597 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 639 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 661 lm - 4000K/CRI 80

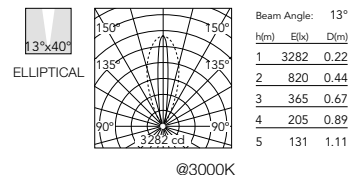
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017J1KA006	● F017J2KA006	● F017J3KA006	● F017J4KA006
● F017J1KA033	● F017J2KA033	● F017J3KA033	● F017J4KA033
1-10V	1-10V	1-10V	1-10V
● F017J1KB006	● F017J2KB006	● F017J3KB006	● F017J4KB006
● F017J1KB033	● F017J2KB033	● F017J3KB033	● F017J4KB033
Dali	Dali	Dali	Dali
● F017J1KD006	● F017J2KD006	● F017J3KD006	● F017J4KD006
● F017J1KD033	● F017J2KD033	● F017J3KD033	● F017J4KD033



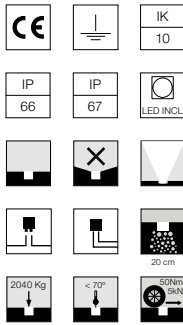
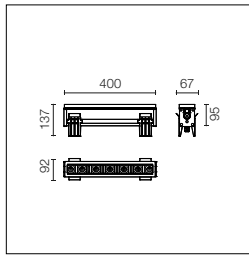
**Optic Elliptical 13° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 574 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 595 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 638 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 659 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017J1LA006	● F017J2LA006	● F017J3LA006	● F017J4LA006
● F017J1LA033	● F017J2LA033	● F017J3LA033	● F017J4LA033
1-10V	1-10V	1-10V	1-10V
● F017J1LB006	● F017J2LB006	● F017J3LB006	● F017J4LB006
● F017J1LB033	● F017J2LB033	● F017J3LB033	● F017J4LB033
Dali	Dali	Dali	Dali
● F017J1LD006	● F017J2LD006	● F017J3LD006	● F017J4LD006
● F017J1LD033	● F017J2LD033	● F017J3LD033	● F017J4LD033



# Ingraze Fixed Frameless + Asymmetric Louvre L 400



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 15°

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 334 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 346 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 371 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 383 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017J1QA006
- F017J1QA033
- 1-10V
- F017J1QB006
- F017J1QB033
- Dali
- F017J1QD006
- F017J1QD033

### 2700K

Non Dimmable

- F017J2QA006
- F017J2QA033
- 1-10V
- F017J2QB006
- F017J2QB033
- Dali
- F017J2QD006
- F017J2QD033

### 3000K

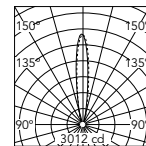
Non Dimmable

- F017J3QA006
- F017J3QA033
- 1-10V
- F017J3QB006
- F017J3QB033
- Dali
- F017J3QD006
- F017J3QD033

### 4000K

Non Dimmable

- F017J4QA006
- F017J4QA033
- 1-10V
- F017J4QB006
- F017J4QB033
- Dali
- F017J4QD006
- F017J4QD033



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	3010	0.25
2	753	0.51
3	334	0.76
4	188	1.02
5	120	1.27

@3000K

## Optic Medium 25°

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 353 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 367 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 406 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017J1RA006
- F017J1RA033
- 1-10V
- F017J1RB006
- F017J1RB033
- Dali
- F017J1RD006
- F017J1RD033

### 2700K

Non Dimmable

- F017J2RA006
- F017J2RA033
- 1-10V
- F017J2RB006
- F017J2RB033
- Dali
- F017J2RD006
- F017J2RD033

### 3000K

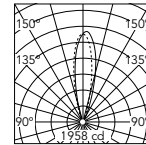
Non Dimmable

- F017J3RA006
- F017J3RA033
- 1-10V
- F017J3RB006
- F017J3RB033
- Dali
- F017J3RD006
- F017J3RD033

### 4000K

Non Dimmable

- F017J4RA006
- F017J4RA033
- 1-10V
- F017J4RB006
- F017J4RB033
- Dali
- F017J4RD006
- F017J4RD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1955	0.45
2	489	0.89
3	217	1.34
4	122	1.78
5	78	2.23

@3000K

## Optic Flood 42°

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 283 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 294 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 314 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 325 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017J1SA006
- F017J1SA033
- 1-10V
- F017J1SB006
- F017J1SB033
- Dali
- F017J1SD006
- F017J1SD033

### 2700K

Non Dimmable

- F017J2SA006
- F017J2SA033
- 1-10V
- F017J2SB006
- F017J2SB033
- Dali
- F017J2SD006
- F017J2SD033

### 3000K

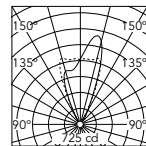
Non Dimmable

- F017J3SA006
- F017J3SA033
- 1-10V
- F017J3SB006
- F017J3SB033
- Dali
- F017J3SD006
- F017J3SD033

### 4000K

Non Dimmable

- F017J4SA006
- F017J4SA033
- 1-10V
- F017J4SB006
- F017J4SB033
- Dali
- F017J4SD006
- F017J4SD033



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	688	0.76
2	172	1.51
3	76	2.27
4	43	3.03
5	28	3.78

@3000K

## Optic Elliptical 12° x 40°

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 271 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 281 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 301 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 311 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017J1TA006
- F017J1TA033
- 1-10V
- F017J1TB006
- F017J1TB033
- Dali
- F017J1TD006
- F017J1TD033

### 2700K

Non Dimmable

- F017J2TA006
- F017J2TA033
- 1-10V
- F017J2TB006
- F017J2TB033
- Dali
- F017J2TD006
- F017J2TD033

### 3000K

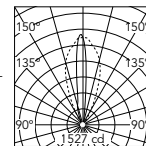
Non Dimmable

- F017J3TA006
- F017J3TA033
- 1-10V
- F017J3TB006
- F017J3TB033
- Dali
- F017J3TD006
- F017J3TD033

### 4000K

Non Dimmable

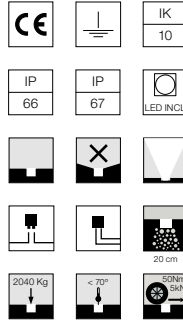
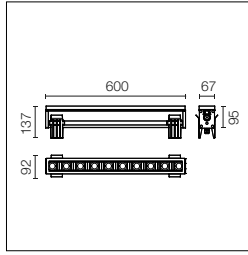
- F017J4TA006
- F017J4TA033
- 1-10V
- F017J4TB006
- F017J4TB033
- Dali
- F017J4TD006
- F017J4TD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	1526	0.21
2	382	0.42
3	170	0.62
4	95	0.83
5	61	1.04

@3000K



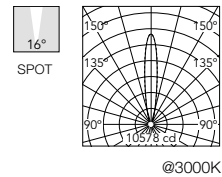
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1368 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1520 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1571 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1AA006	● F017K2AA006	● F017K3AA006	● F017K4AA006
● F017K1AA033	● F017K2AA033	● F017K3AA033	● F017K4AA033
1-10V	1-10V	1-10V	1-10V
● F017K1AB006	● F017K2AB006	● F017K3AB006	● F017K4AB006
● F017K1AB033	● F017K2AB033	● F017K3AB033	● F017K4AB033
Dali	Dali	Dali	Dali
● F017K1AD006	● F017K2AD006	● F017K3AD006	● F017K4AD006
● F017K1AD033	● F017K2AD033	● F017K3AD033	● F017K4AD033



Beam Angle: 16°

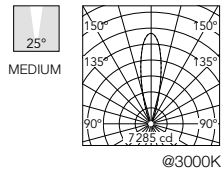
h(m)	E(lx)	D(m)
1	10578	0.27
2	2644	0.55
3	1175	0.82
4	661	1.09
5	423	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1473 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1527 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1636 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1691 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1BA006	● F017K2BA006	● F017K3BA006	● F017K4BA006
● F017K1BA033	● F017K2BA033	● F017K3BA033	● F017K4BA033
1-10V	1-10V	1-10V	1-10V
● F017K1BB006	● F017K2BB006	● F017K3BB006	● F017K4BB006
● F017K1BB033	● F017K2BB033	● F017K3BB033	● F017K4BB033
Dali	Dali	Dali	Dali
● F017K1BD006	● F017K2BD006	● F017K3BD006	● F017K4BD006
● F017K1BD033	● F017K2BD033	● F017K3BD033	● F017K4BD033



Beam Angle: 25°

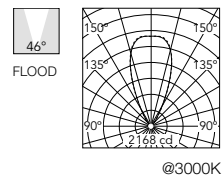
h(m)	E(lx)	D(m)
1	7285	0.44
2	1821	0.88
3	809	1.32
4	455	1.76
5	291	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1283 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1330 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1425 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1473 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1CA006	● F017K2CA006	● F017K3CA006	● F017K4CA006
● F017K1CA033	● F017K2CA033	● F017K3CA033	● F017K4CA033
1-10V	1-10V	1-10V	1-10V
● F017K1CB006	● F017K2CB006	● F017K3CB006	● F017K4CB006
● F017K1CB033	● F017K2CB033	● F017K3CB033	● F017K4CB033
Dali	Dali	Dali	Dali
● F017K1CD006	● F017K2CD006	● F017K3CD006	● F017K4CD006
● F017K1CD033	● F017K2CD033	● F017K3CD033	● F017K4CD033



Beam Angle: 46°

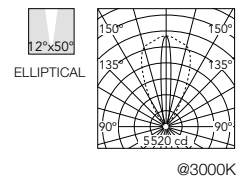
h(m)	E(lx)	D(m)
1	2158	0.85
2	539	1.71
3	240	2.56
4	135	3.42
5	86	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1286 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1334 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1429 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1477 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1DA006	● F017K2DA006	● F017K3DA006	● F017K4DA006
● F017K1DA033	● F017K2DA033	● F017K3DA033	● F017K4DA033
1-10V	1-10V	1-10V	1-10V
● F017K1DB006	● F017K2DB006	● F017K3DB006	● F017K4DB006
● F017K1DB033	● F017K2DB033	● F017K3DB033	● F017K4DB033
Dali	Dali	Dali	Dali
● F017K1DD006	● F017K2DD006	● F017K3DD006	● F017K4DD006
● F017K1DD033	● F017K2DD033	● F017K3DD033	● F017K4DD033

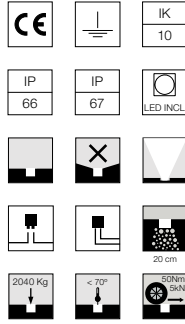
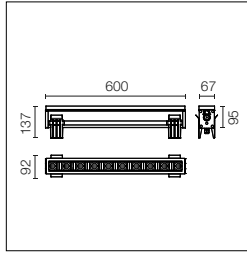


Beam Angle: 12°

h(m)	E(lx)	D(m)
1	5519	0.22
2	1380	0.44
3	613	0.66
4	345	0.87
5	221	1.09

@3000K

# Ingraze Fixed Frameless + Linear Louvre L 600



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 16°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1003 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1040 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1115 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017K1HA006
- F017K1HA033
- 1-10V
- F017K1HB006
- F017K1HB033
- Dali
- F017K1HD006
- F017K1HD033

### 2700K

Non Dimmable

- F017K2HA006
- F017K2HA033
- 1-10V
- F017K2HB006
- F017K2HB033
- Dali
- F017K2HD006
- F017K2HD033

### 3000K

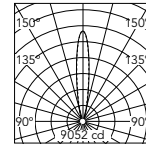
Non Dimmable

- F017K3HA006
- F017K3HA033
- 1-10V
- F017K3HB006
- F017K3HB033
- Dali
- F017K3HD006
- F017K3HD033

### 4000K

Non Dimmable

- F017K4HA006
- F017K4HA033
- 1-10V
- F017K4HB006
- F017K4HB033
- Dali
- F017K4HD006
- F017K4HD033



@3000K

Beam Angle: 16°	h(m)	E(lx)	Dxm
1	9052	0.28	
2	2263	0.56	
3	1006	0.83	
4	566	1.11	
5	362	1.39	

## Optic Medium 25°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1063 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1102 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1181 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1220 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017K1JA006
- F017K1JA033
- 1-10V
- F017K1JB006
- F017K1JB033
- Dali
- F017K1JD006
- F017K1JD033

### 2700K

Non Dimmable

- F017K2JA006
- F017K2JA033
- 1-10V
- F017K2JB006
- F017K2JB033
- Dali
- F017K2JD006
- F017K2JD033

### 3000K

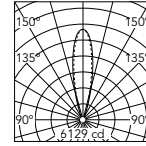
Non Dimmable

- F017K3JA006
- F017K3JA033
- 1-10V
- F017K3JB006
- F017K3JB033
- Dali
- F017K3JD006
- F017K3JD033

### 4000K

Non Dimmable

- F017K4JA006
- F017K4JA033
- 1-10V
- F017K4JB006
- F017K4JB033
- Dali
- F017K4JD006
- F017K4JD033



@3000K

Beam Angle: 25°	h(m)	E(lx)	Dxm
1	6129	0.44	
2	1532	0.87	
3	681	1.31	
4	383	1.74	
5	245	2.18	

## Optic Flood 39°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 944 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017K1KA006
- F017K1KA033
- 1-10V
- F017K1KB006
- F017K1KB033
- Dali
- F017K1KD006
- F017K1KD033

### 2700K

Non Dimmable

- F017K2KA006
- F017K2KA033
- 1-10V
- F017K2KB006
- F017K2KB033
- Dali
- F017K2KD006
- F017K2KD033

### 3000K

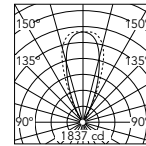
Non Dimmable

- F017K3KA006
- F017K3KA033
- 1-10V
- F017K3KB006
- F017K3KB033
- Dali
- F017K3KD006
- F017K3KD033

### 4000K

Non Dimmable

- F017K4KA006
- F017K4KA033
- 1-10V
- F017K4KB006
- F017K4KB033
- Dali
- F017K4KD006
- F017K4KD033



@3000K

Beam Angle: 39°	h(m)	E(lx)	Dxm
1	1832	0.71	
2	458	1.43	
3	204	2.14	
4	115	2.86	
5	73	3.57	

## Optic Elliptical 13° x 40°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 941 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017K1LA006
- F017K1LA033
- 1-10V
- F017K1LB006
- F017K1LB033
- Dali
- F017K1LD006
- F017K1LD033

### 2700K

Non Dimmable

- F017K2LA006
- F017K2LA033
- 1-10V
- F017K2LB006
- F017K2LB033
- Dali
- F017K2LD006
- F017K2LD033

### 3000K

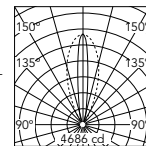
Non Dimmable

- F017K3LA006
- F017K3LA033
- 1-10V
- F017K3LB006
- F017K3LB033
- Dali
- F017K3LD006
- F017K3LD033

### 4000K

Non Dimmable

- F017K4LA006
- F017K4LA033
- 1-10V
- F017K4LB006
- F017K4LB033
- Dali
- F017K4LD006
- F017K4LD033

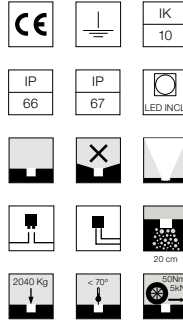
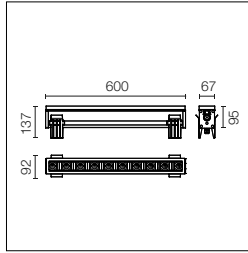


@3000K

Beam Angle: 13°	h(m)	E(lx)	Dxm
1	4686	0.22	
2	1172	0.44	
3	521	0.67	
4	293	0.89	
5	187	1.11	



# Ingraze Fixed Frameless + Asymmetric Louvre L 600



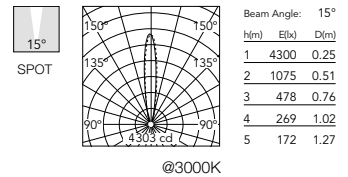
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 15°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 477 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 495 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 530 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 548 lm - 4000K/CRI 80

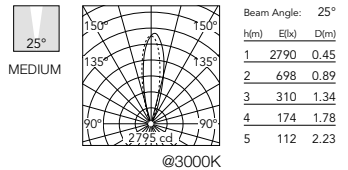
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1QA006	● F017K2QA006	● F017K3QA006	● F017K4QA006
● F017K1QA033	● F017K2QA033	● F017K3QA033	● F017K4QA033
1-10V	1-10V	1-10V	1-10V
● F017K1QB006	● F017K2QB006	● F017K3QB006	● F017K4QB006
● F017K1QB033	● F017K2QB033	● F017K3QB033	● F017K4QB033
Dali	Dali	Dali	Dali
● F017K1QD006	● F017K2QD006	● F017K3QD006	● F017K4QD006
● F017K1QD033	● F017K2QD033	● F017K3QD033	● F017K4QD033



## Optic Medium 25°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 505 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 523 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 561 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 579 lm - 4000K/CRI 80

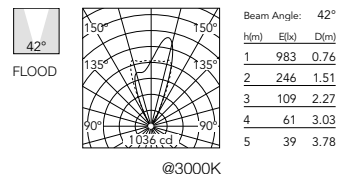
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1RA006	● F017K2RA006	● F017K3RA006	● F017K4RA006
● F017K1RA033	● F017K2RA033	● F017K3RA033	● F017K4RA033
1-10V	1-10V	1-10V	1-10V
● F017K1RB006	● F017K2RB006	● F017K3RB006	● F017K4RB006
● F017K1RB033	● F017K2RB033	● F017K3RB033	● F017K4RB033
Dali	Dali	Dali	Dali
● F017K1RD006	● F017K2RD006	● F017K3RD006	● F017K4RD006
● F017K1RD033	● F017K2RD033	● F017K3RD033	● F017K4RD033



## Optic Flood 42°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 404 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 449 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 464 lm - 4000K/CRI 80

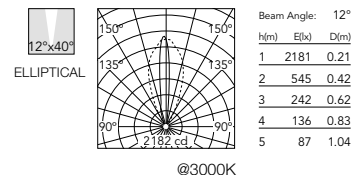
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1SA006	● F017K2SA006	● F017K3SA006	● F017K4SA006
● F017K1SA033	● F017K2SA033	● F017K3SA033	● F017K4SA033
1-10V	1-10V	1-10V	1-10V
● F017K1SB006	● F017K2SB006	● F017K3SB006	● F017K4SB006
● F017K1SB033	● F017K2SB033	● F017K3SB033	● F017K4SB033
Dali	Dali	Dali	Dali
● F017K1SD006	● F017K2SD006	● F017K3SD006	● F017K4SD006
● F017K1SD033	● F017K2SD033	● F017K3SD033	● F017K4SD033

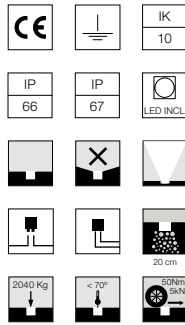
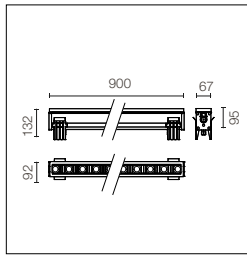


## Optic Elliptical 12° x 40°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 387 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 430 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 444 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017K1TA006	● F017K2TA006	● F017K3TA006	● F017K4TA006
● F017K1TA033	● F017K2TA033	● F017K3TA033	● F017K4TA033
1-10V	1-10V	1-10V	1-10V
● F017K1TB006	● F017K2TB006	● F017K3TB006	● F017K4TB006
● F017K1TB033	● F017K2TB033	● F017K3TB033	● F017K4TB033
Dali	Dali	Dali	Dali
● F017K1TD006	● F017K2TD006	● F017K3TD006	● F017K4TD006
● F017K1TD033	● F017K2TD033	● F017K3TD033	● F017K4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2052 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2128 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2280 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017L1AA006
- F017L1AA033
- 1-10V
- F017L1AB006
- F017L1AB033
- Dali
- F017L1AD006
- F017L1AD033

**2700K**

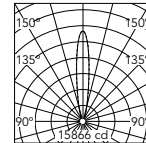
- Non Dimmable
- F017L2AA006
- F017L2AA033
- 1-10V
- F017L2AB006
- F017L2AB033
- Dali
- F017L2AD006
- F017L2AD033

**3000K**

- Non Dimmable
- F017L3AA006
- F017L3AA033
- 1-10V
- F017L3AB006
- F017L3AB033
- Dali
- F017L3AD006
- F017L3AD033

**4000K**

- Non Dimmable
- F017L4AA006
- F017L4AA033
- 1-10V
- F017L4AB006
- F017L4AB033
- Dali
- F017L4AD006
- F017L4AD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	15866	0.27
2	3967	0.55
3	1763	0.82
4	992	1.09
5	635	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2209 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2291 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2454 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017L1BA006
- F017L1BA033
- 1-10V
- F017L1BB006
- F017L1BB033
- Dali
- F017L1BD006
- F017L1BD033

**2700K**

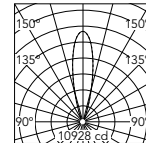
- Non Dimmable
- F017L2BA006
- F017L2BA033
- 1-10V
- F017L2BB006
- F017L2BB033
- Dali
- F017L2BD006
- F017L2BD033

**3000K**

- Non Dimmable
- F017L3BA006
- F017L3BA033
- 1-10V
- F017L3BB006
- F017L3BB033
- Dali
- F017L3BD006
- F017L3BD033

**4000K**

- Non Dimmable
- F017L4BA006
- F017L4BA033
- 1-10V
- F017L4BB006
- F017L4BB033
- Dali
- F017L4BD006
- F017L4BD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	10928	0.44
2	2732	0.88
3	1214	1.32
4	683	1.76
5	437	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1924 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1995 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2138 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2209 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017L1CA006
- F017L1CA033
- 1-10V
- F017L1CB006
- F017L1CB033
- Dali
- F017L1CD006
- F017L1CD033

**2700K**

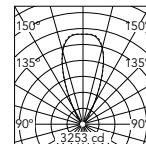
- Non Dimmable
- F017L2CA006
- F017L2CA033
- 1-10V
- F017L2CB006
- F017L2CB033
- Dali
- F017L2CD006
- F017L2CD033

**3000K**

- Non Dimmable
- F017L3CA006
- F017L3CA033
- 1-10V
- F017L3CB006
- F017L3CB033
- Dali
- F017L3CD006
- F017L3CD033

**4000K**

- Non Dimmable
- F017L4CA006
- F017L4CA033
- 1-10V
- F017L4CB006
- F017L4CB033
- Dali
- F017L4CD006
- F017L4CD033



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3238	0.85
2	809	1.71
3	360	2.56
4	202	3.42
5	130	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1929 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2001 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2144 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2215 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017L1DA006
- F017L1DA033
- 1-10V
- F017L1DB006
- F017L1DB033
- Dali
- F017L1DD006
- F017L1DD033

**2700K**

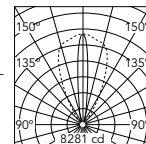
- Non Dimmable
- F017L2DA006
- F017L2DA033
- 1-10V
- F017L2DB006
- F017L2DB033
- Dali
- F017L2DD006
- F017L2DD033

**3000K**

- Non Dimmable
- F017L3DA006
- F017L3DA033
- 1-10V
- F017L3DB006
- F017L3DB033
- Dali
- F017L3DD006
- F017L3DD033

**4000K**

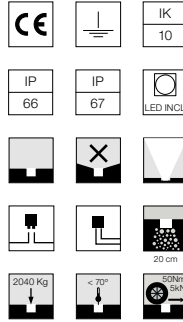
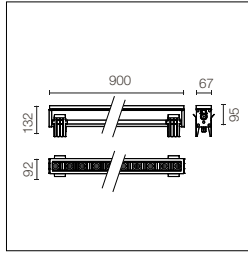
- Non Dimmable
- F017L4DA006
- F017L4DA033
- 1-10V
- F017L4DB006
- F017L4DB033
- Dali
- F017L4DD006
- F017L4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	8280	0.22
2	2070	0.44
3	920	0.66
4	517	0.87
5	331	1.09

@3000K



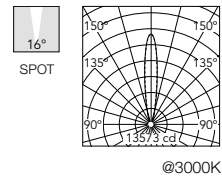
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1505 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1560 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1672 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1728 lm - 4000K/CRI 80

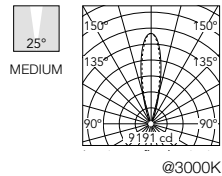
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017L1HA006	● F017L2HA006	● F017L3HA006	● F017L4HA006
● F017L1HA033	● F017L2HA033	● F017L3HA033	● F017L4HA033
1-10V	1-10V	1-10V	1-10V
● F017L1HB006	● F017L2HB006	● F017L3HB006	● F017L4HB006
● F017L1HB033	● F017L2HB033	● F017L3HB033	● F017L4HB033
Dali	Dali	Dali	Dali
● F017L1HD006	● F017L2HD006	● F017L3HD006	● F017L4HD006
● F017L1HD033	● F017L2HD033	● F017L3HD033	● F017L4HD033



**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1594 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1653 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1771 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1830 lm - 4000K/CRI 80

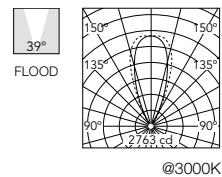
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017L1JA006	● F017L2JA006	● F017L3JA006	● F017L4JA006
● F017L1JA033	● F017L2JA033	● F017L3JA033	● F017L4JA033
1-10V	1-10V	1-10V	1-10V
● F017L1JB006	● F017L2JB006	● F017L3JB006	● F017L4JB006
● F017L1JB033	● F017L2JB033	● F017L3JB033	● F017L4JB033
Dali	Dali	Dali	Dali
● F017L1JD006	● F017L2JD006	● F017L3JD006	● F017L4JD006
● F017L1JD033	● F017L2JD033	● F017L3JD033	● F017L4JD033



**Optic Flood 39°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1233 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1278 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1370 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1415 lm - 4000K/CRI 80

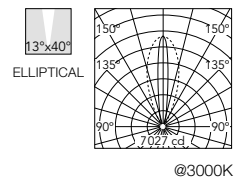
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017L1KA006	● F017L2KA006	● F017L3KA006	● F017L4KA006
● F017L1KA033	● F017L2KA033	● F017L3KA033	● F017L4KA033
1-10V	1-10V	1-10V	1-10V
● F017L1KB006	● F017L2KB006	● F017L3KB006	● F017L4KB006
● F017L1KB033	● F017L2KB033	● F017L3KB033	● F017L4KB033
Dali	Dali	Dali	Dali
● F017L1KD006	● F017L2KD006	● F017L3KD006	● F017L4KD006
● F017L1KD033	● F017L2KD033	● F017L3KD033	● F017L4KD033



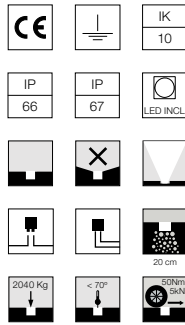
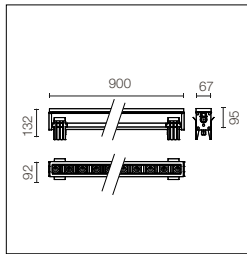
**Optic Elliptical 13° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1229 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1275 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1366 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1411 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017L1LA006	● F017L2LA006	● F017L3LA006	● F017L4LA006
● F017L1LA033	● F017L2LA033	● F017L3LA033	● F017L4LA033
1-10V	1-10V	1-10V	1-10V
● F017L1LB006	● F017L2LB006	● F017L3LB006	● F017L4LB006
● F017L1LB033	● F017L2LB033	● F017L3LB033	● F017L4LB033
Dali	Dali	Dali	Dali
● F017L1LD006	● F017L2LD006	● F017L3LD006	● F017L4LD006
● F017L1LD033	● F017L2LD033	● F017L3LD033	● F017L4LD033



# Ingraze Fixed Frameless + Asymmetric Louvre L 900



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 15°

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 715 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 742 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 795 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 821 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017L1QA006
- F017L1QA033
- 1-10V
- F017L1QB006
- F017L1QB033
- Dali
- F017L1QD006
- F017L1QD033

### 2700K

Non Dimmable

- F017L2QA006
- F017L2QA033
- 1-10V
- F017L2QB006
- F017L2QB033
- Dali
- F017L2QD006
- F017L2QD033

### 3000K

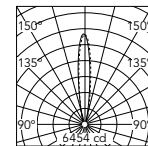
Non Dimmable

- F017L3QA006
- F017L3QA033
- 1-10V
- F017L3QB006
- F017L3QB033
- Dali
- F017L3QD006
- F017L3QD033

### 4000K

Non Dimmable

- F017L4QA006
- F017L4QA033
- 1-10V
- F017L4QB006
- F017L4QB033
- Dali
- F017L4QD006
- F017L4QD033



h(m)	E(lx)	D(m)
1	6451	0.25
2	1613	0.51
3	717	0.76
4	403	1.02
5	258	1.27

@3000K

## Optic Medium 25°

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 757 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 785 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 841 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 869 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017L1RA006
- F017L1RA033
- 1-10V
- F017L1RB006
- F017L1RB033
- Dali
- F017L1RD006
- F017L1RD033

### 2700K

Non Dimmable

- F017L2RA006
- F017L2RA033
- 1-10V
- F017L2RB006
- F017L2RB033
- Dali
- F017L2RD006
- F017L2RD033

### 3000K

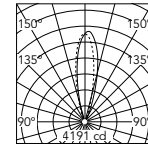
Non Dimmable

- F017L3RA006
- F017L3RA033
- 1-10V
- F017L3RB006
- F017L3RB033
- Dali
- F017L3RD006
- F017L3RD033

### 4000K

Non Dimmable

- F017L4RA006
- F017L4RA033
- 1-10V
- F017L4RB006
- F017L4RB033
- Dali
- F017L4RD006
- F017L4RD033



h(m)	E(lx)	D(m)
1	4183	0.45
2	1046	0.89
3	465	1.34
4	261	1.78
5	167	2.23

@3000K

## Optic Flood 42°

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 606 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 628 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 673 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 696 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017L1SA006
- F017L1SA033
- 1-10V
- F017L1SB006
- F017L1SB033
- Dali
- F017L1SD006
- F017L1SD033

### 2700K

Non Dimmable

- F017L2SA006
- F017L2SA033
- 1-10V
- F017L2SB006
- F017L2SB033
- Dali
- F017L2SD006
- F017L2SD033

### 3000K

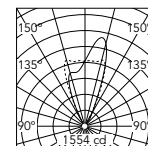
Non Dimmable

- F017L3SA006
- F017L3SA033
- 1-10V
- F017L3SB006
- F017L3SB033
- Dali
- F017L3SD006
- F017L3SD033

### 4000K

Non Dimmable

- F017L4SA006
- F017L4SA033
- 1-10V
- F017L4SB006
- F017L4SB033
- Dali
- F017L4SD006
- F017L4SD033



h(m)	E(lx)	D(m)
1	1474	0.76
2	368	1.51
3	164	2.27
4	92	3.03
5	59	3.78

@3000K

## Optic Elliptical 12° x 40°

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 580 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 602 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 645 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 666 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017L1TA006
- F017L1TA033
- 1-10V
- F017L1TB006
- F017L1TB033
- Dali
- F017L1TD006
- F017L1TD033

### 2700K

Non Dimmable

- F017L2TA006
- F017L2TA033
- 1-10V
- F017L2TB006
- F017L2TB033
- Dali
- F017L2TD006
- F017L2TD033

### 3000K

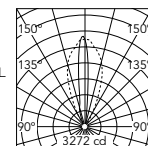
Non Dimmable

- F017L3TA006
- F017L3TA033
- 1-10V
- F017L3TB006
- F017L3TB033
- Dali
- F017L3TD006
- F017L3TD033

### 4000K

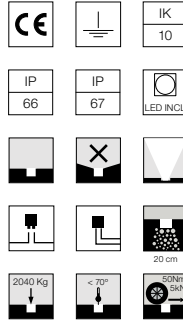
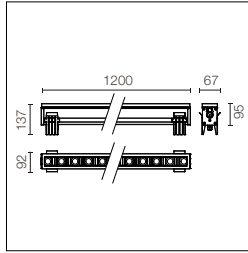
Non Dimmable

- F017L4TA006
- F017L4TA033
- 1-10V
- F017L4TB006
- F017L4TB033
- Dali
- F017L4TD006
- F017L4TD033



h(m)	E(lx)	Dx(m)
1	3271	0.21
2	818	0.42
3	363	0.62
4	204	0.83
5	131	1.04

@3000K



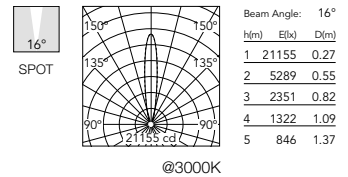
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2736 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2837 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3040 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3141 lm - 4000K/CRI 80

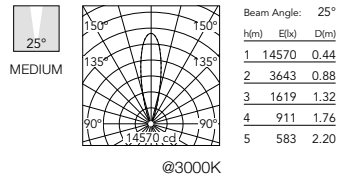
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1AA006	● F017M2AA006	● F017M3AA006	● F017M4AA006
● F017M1AA033	● F017M2AA033	● F017M3AA033	● F017M4AA033
1-10V	1-10V	1-10V	1-10V
● F017M1AB006	● F017M2AB006	● F017M3AB006	● F017M4AB006
● F017M1AB033	● F017M2AB033	● F017M3AB033	● F017M4AB033
Dali	Dali	Dali	Dali
● F017M1AD006	● F017M2AD006	● F017M3AD006	● F017M4AD006
● F017M1AD033	● F017M2AD033	● F017M3AD033	● F017M4AD033



**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2945 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 3054 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3272 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3381 lm - 4000K/CRI 80

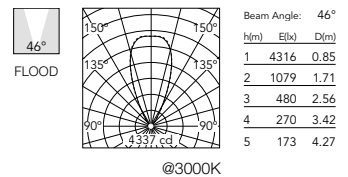
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1BA006	● F017M2BA006	● F017M3BA006	● F017M4BA006
● F017M1BA033	● F017M2BA033	● F017M3BA033	● F017M4BA033
1-10V	1-10V	1-10V	1-10V
● F017M1BB006	● F017M2BB006	● F017M3BB006	● F017M4BB006
● F017M1BB033	● F017M2BB033	● F017M3BB033	● F017M4BB033
Dali	Dali	Dali	Dali
● F017M1BD006	● F017M2BD006	● F017M3BD006	● F017M4BD006
● F017M1BD033	● F017M2BD033	● F017M3BD033	● F017M4BD033



**Optic Flood 46°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2565 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2660 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2850 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2945 lm - 4000K/CRI 80

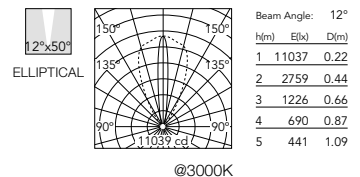
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1CA006	● F017M2CA006	● F017M3CA006	● F017M4CA006
● F017M1CA033	● F017M2CA033	● F017M3CA033	● F017M4CA033
1-10V	1-10V	1-10V	1-10V
● F017M1CB006	● F017M2CB006	● F017M3CB006	● F017M4CB006
● F017M1CB033	● F017M2CB033	● F017M3CB033	● F017M4CB033
Dali	Dali	Dali	Dali
● F017M1CD006	● F017M2CD006	● F017M3CD006	● F017M4CD006
● F017M1CD033	● F017M2CD033	● F017M3CD033	● F017M4CD033

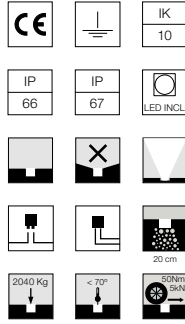
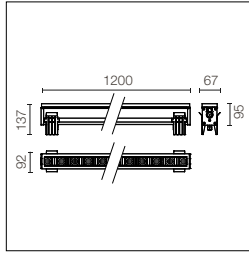


**Optic Elliptical 12° x 50°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2572 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2668 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2858 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2953 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1DA006	● F017M2DA006	● F017M3DA006	● F017M4DA006
● F017M1DA033	● F017M2DA033	● F017M3DA033	● F017M4DA033
1-10V	1-10V	1-10V	1-10V
● F017M1DB006	● F017M2DB006	● F017M3DB006	● F017M4DB006
● F017M1DB033	● F017M2DB033	● F017M3DB033	● F017M4DB033
Dali	Dali	Dali	Dali
● F017M1DD006	● F017M2DD006	● F017M3DD006	● F017M4DD006
● F017M1DD033	● F017M2DD033	● F017M3DD033	● F017M4DD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2006 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2080 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2229 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2303 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017M1HA006
- F017M1HA033
- 1-10V
- F017M1HB006
- F017M1HB033
- Dali
- F017M1HD006
- F017M1HD033

**2700K**

Non Dimmable

- F017M2HA006
- F017M2HA033
- 1-10V
- F017M2HB006
- F017M2HB033
- Dali
- F017M2HD006
- F017M2HD033

**3000K**

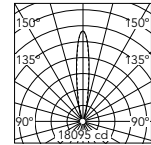
Non Dimmable

- F017M3HA006
- F017M3HA033
- 1-10V
- F017M3HB006
- F017M3HB033
- Dali
- F017M3HD006
- F017M3HD033

**4000K**

Non Dimmable

- F017M4HA006
- F017M4HA033
- 1-10V
- F017M4HB006
- F017M4HB033
- Dali
- F017M4HD006
- F017M4HD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	18095	0.28
2	4524	0.56
3	2011	0.83
4	1131	1.11
5	724	1.39

@3000K

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2125 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2203 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2361 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2439 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017M1JA006
- F017M1JA033
- 1-10V
- F017M1JB006
- F017M1JB033
- Dali
- F017M1JD006
- F017M1JD033

**2700K**

Non Dimmable

- F017M2JA006
- F017M2JA033
- 1-10V
- F017M2JB006
- F017M2JB033
- Dali
- F017M2JD006
- F017M2JD033

**3000K**

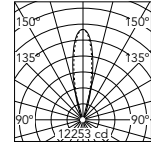
Non Dimmable

- F017M3JA006
- F017M3JA033
- 1-10V
- F017M3JB006
- F017M3JB033
- Dali
- F017M3JD006
- F017M3JD033

**4000K**

Non Dimmable

- F017M4JA006
- F017M4JA033
- 1-10V
- F017M4JB006
- F017M4JB033
- Dali
- F017M4JD006
- F017M4JD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	12253	0.44
2	3063	0.87
3	1361	1.31
4	766	1.74
5	490	2.18

@3000K

**Optic Flood 39°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1643 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1704 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1826 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1887 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017M1KA006
- F017M1KA033
- 1-10V
- F017M1KB006
- F017M1KB033
- Dali
- F017M1KD006
- F017M1KD033

**2700K**

Non Dimmable

- F017M2KA006
- F017M2KA033
- 1-10V
- F017M2KB006
- F017M2KB033
- Dali
- F017M2KD006
- F017M2KD033

**3000K**

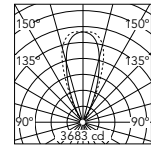
Non Dimmable

- F017M3KA006
- F017M3KA033
- 1-10V
- F017M3KB006
- F017M3KB033
- Dali
- F017M3KD006
- F017M3KD033

**4000K**

Non Dimmable

- F017M4KA006
- F017M4KA033
- 1-10V
- F017M4KB006
- F017M4KB033
- Dali
- F017M4KD006
- F017M4KD033



Beam Angle: 39°

h(m)	E(lx)	D(m)
1	3672	0.71
2	918	1.43
3	408	2.14
4	230	2.86
5	147	3.57

@3000K

**Optic Elliptical 13° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1639 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1700 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1821 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1882 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017M1LA006
- F017M1LA033
- 1-10V
- F017M1LB006
- F017M1LB033
- Dali
- F017M1LD006
- F017M1LD033

**2700K**

Non Dimmable

- F017M2LA006
- F017M2LA033
- 1-10V
- F017M2LB006
- F017M2LB033
- Dali
- F017M2LD006
- F017M2LD033

**3000K**

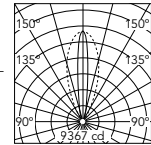
Non Dimmable

- F017M3LA006
- F017M3LA033
- 1-10V
- F017M3LB006
- F017M3LB033
- Dali
- F017M3LD006
- F017M3LD033

**4000K**

Non Dimmable

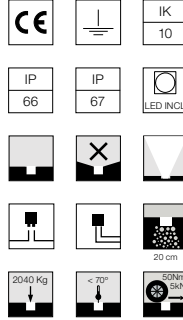
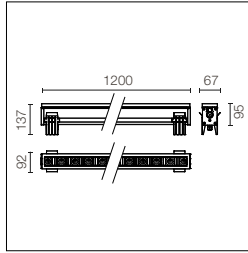
- F017M4LA006
- F017M4LA033
- 1-10V
- F017M4LB006
- F017M4LB033
- Dali
- F017M4LD006
- F017M4LD033



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	9367	0.22
2	2342	0.44
3	1041	0.67
4	585	0.89
5	375	1.11

@3000K



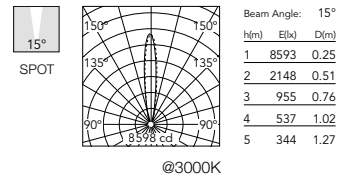
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 954 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 989 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1059 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1095 lm - 4000K/CRI 80

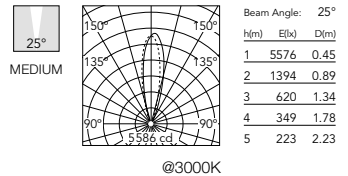
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1QA006	● F017M2QA006	● F017M3QA006	● F017M4QA006
● F017M1QA033	● F017M2QA033	● F017M3QA033	● F017M4QA033
1-10V	1-10V	1-10V	1-10V
● F017M1QB006	● F017M2QB006	● F017M3QB006	● F017M4QB006
● F017M1QB033	● F017M2QB033	● F017M3QB033	● F017M4QB033
Dali	Dali	Dali	Dali
● F017M1QD006	● F017M2QD006	● F017M3QD006	● F017M4QD006
● F017M1QD033	● F017M2QD033	● F017M3QD033	● F017M4QD033



**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1009 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1046 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1121 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1158 lm - 4000K/CRI 80

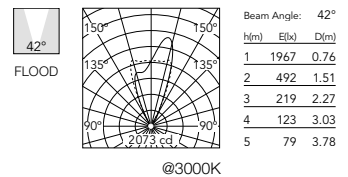
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1RA006	● F017M2RA006	● F017M3RA006	● F017M4RA006
● F017M1RA033	● F017M2RA033	● F017M3RA033	● F017M4RA033
1-10V	1-10V	1-10V	1-10V
● F017M1RB006	● F017M2RB006	● F017M3RB006	● F017M4RB006
● F017M1RB033	● F017M2RB033	● F017M3RB033	● F017M4RB033
Dali	Dali	Dali	Dali
● F017M1RD006	● F017M2RD006	● F017M3RD006	● F017M4RD006
● F017M1RD033	● F017M2RD033	● F017M3RD033	● F017M4RD033



**Optic Flood 42°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 808 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 838 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 898 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 928 lm - 4000K/CRI 80

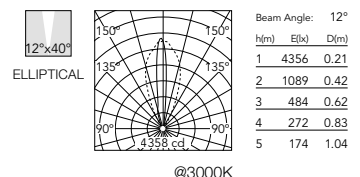
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1SA006	● F017M2SA006	● F017M3SA006	● F017M4SA006
● F017M1SA033	● F017M2SA033	● F017M3SA033	● F017M4SA033
1-10V	1-10V	1-10V	1-10V
● F017M1SB006	● F017M2SB006	● F017M3SB006	● F017M4SB006
● F017M1SB033	● F017M2SB033	● F017M3SB033	● F017M4SB033
Dali	Dali	Dali	Dali
● F017M1SD006	● F017M2SD006	● F017M3SD006	● F017M4SD006
● F017M1SD033	● F017M2SD033	● F017M3SD033	● F017M4SD033

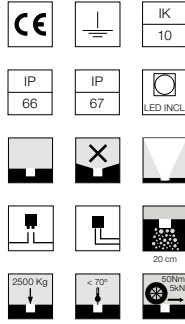
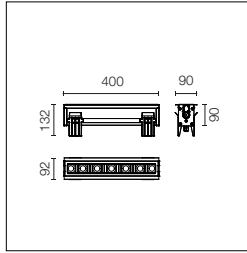


**Optic Elliptical 12° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 773 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 802 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 859 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 888 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017M1TA006	● F017M2TA006	● F017M3TA006	● F017M4TA006
● F017M1TA033	● F017M2TA033	● F017M3TA033	● F017M4TA033
1-10V	1-10V	1-10V	1-10V
● F017M1TB006	● F017M2TB006	● F017M3TB006	● F017M4TB006
● F017M1TB033	● F017M2TB033	● F017M3TB033	● F017M4TB033
Dali	Dali	Dali	Dali
● F017M1TD006	● F017M2TD006	● F017M3TD006	● F017M4TD006
● F017M1TD033	● F017M2TD033	● F017M3TD033	● F017M4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 958 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 993 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1064 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1100 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1AA006
- F017E1AA033
- 1-10V
- F017E1AB006
- F017E1AB033
- Dali
- F017E1AD006
- F017E1AD033

**2700K**

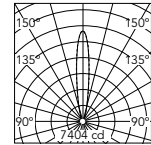
- Non Dimmable
- F017E2AA006
- F017E2AA033
- 1-10V
- F017E2AB006
- F017E2AB033
- Dali
- F017E2AD006
- F017E2AD033

**3000K**

- Non Dimmable
- F017E3AA006
- F017E3AA033
- 1-10V
- F017E3AB006
- F017E3AB033
- Dali
- F017E3AD006
- F017E3AD033

**4000K**

- Non Dimmable
- F017E4AA006
- F017E4AA033
- 1-10V
- F017E4AB006
- F017E4AB033
- Dali
- F017E4AD006
- F017E4AD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	7404	0.27
2	1851	0.55
3	823	0.82
4	463	1.09
5	296	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 1031 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 1069 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1146 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1184 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1BA006
- F017E1BA033
- 1-10V
- F017E1BB006
- F017E1BB033
- Dali
- F017E1BD006
- F017E1BD033

**2700K**

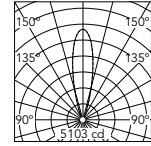
- Non Dimmable
- F017E2BA006
- F017E2BA033
- 1-10V
- F017E2BB006
- F017E2BB033
- Dali
- F017E2BD006
- F017E2BD033

**3000K**

- Non Dimmable
- F017E3BA006
- F017E3BA033
- 1-10V
- F017E3BB006
- F017E3BB033
- Dali
- F017E3BD006
- F017E3BD033

**4000K**

- Non Dimmable
- F017E4BA006
- F017E4BA033
- 1-10V
- F017E4BB006
- F017E4BB033
- Dali
- F017E4BD006
- F017E4BD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5103	0.44
2	1276	0.88
3	567	1.32
4	319	1.76
5	204	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 898 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 931 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 998 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1031 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1CA006
- F017E1CA033
- 1-10V
- F017E1CB006
- F017E1CB033
- Dali
- F017E1CD006
- F017E1CD033

**2700K**

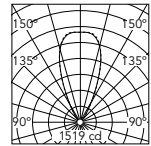
- Non Dimmable
- F017E2CA006
- F017E2CA033
- 1-10V
- F017E2CB006
- F017E2CB033
- Dali
- F017E2CD006
- F017E2CD033

**3000K**

- Non Dimmable
- F017E3CA006
- F017E3CA033
- 1-10V
- F017E3CB006
- F017E3CB033
- Dali
- F017E3CD006
- F017E3CD033

**4000K**

- Non Dimmable
- F017E4CA006
- F017E4CA033
- 1-10V
- F017E4CB006
- F017E4CB033
- Dali
- F017E4CD006
- F017E4CD033



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1511	0.85
2	378	1.71
3	168	2.56
4	94	3.42
5	60	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 901 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 934 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1001 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1034 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1DA006
- F017E1DA033
- 1-10V
- F017E1DB006
- F017E1DB033
- Dali
- F017E1DD006
- F017E1DD033

**2700K**

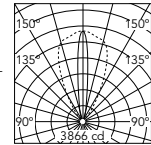
- Non Dimmable
- F017E2DA006
- F017E2DA033
- 1-10V
- F017E2DB006
- F017E2DB033
- Dali
- F017E2DD006
- F017E2DD033

**3000K**

- Non Dimmable
- F017E3DA006
- F017E3DA033
- 1-10V
- F017E3DB006
- F017E3DB033
- Dali
- F017E3DD006
- F017E3DD033

**4000K**

- Non Dimmable
- F017E4DA006
- F017E4DA033
- 1-10V
- F017E4DB006
- F017E4DB033
- Dali
- F017E4DD006
- F017E4DD033

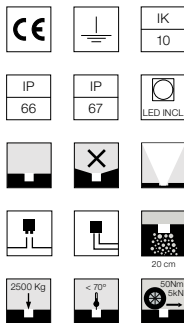
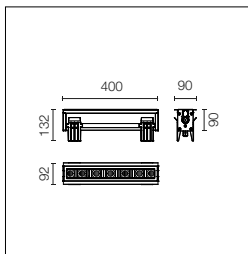


Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3866	0.22
2	966	0.44
3	430	0.66
4	242	0.87
5	155	1.09

@3000K





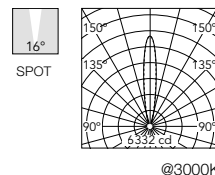
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 702 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 728 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 806 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017E1HA006	● F017E2HA006	● F017E3HA006	● F017E4HA006
● F017E1HA033	● F017E2HA033	● F017E3HA033	● F017E4HA033
1-10V	1-10V	1-10V	1-10V
● F017E1HB006	● F017E2HB006	● F017E3HB006	● F017E4HB006
● F017E1HB033	● F017E2HB033	● F017E3HB033	● F017E4HB033
Dali	Dali	Dali	Dali
● F017E1HD006	● F017E2HD006	● F017E3HD006	● F017E4HD006
● F017E1HD033	● F017E2HD033	● F017E3HD033	● F017E4HD033



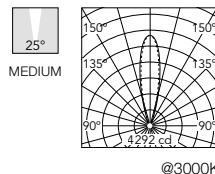
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	6332	0.28
2	1583	0.56
3	704	0.83
4	396	1.11
5	253	1.39

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 744 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 772 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 827 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 854 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017E1JA006	● F017E2JA006	● F017E3JA006	● F017E4JA006
● F017E1JA033	● F017E2JA033	● F017E3JA033	● F017E4JA033
1-10V	1-10V	1-10V	1-10V
● F017E1JB006	● F017E2JB006	● F017E3JB006	● F017E4JB006
● F017E1JB033	● F017E2JB033	● F017E3JB033	● F017E4JB033
Dali	Dali	Dali	Dali
● F017E1JD006	● F017E2JD006	● F017E3JD006	● F017E4JD006
● F017E1JD033	● F017E2JD033	● F017E3JD033	● F017E4JD033



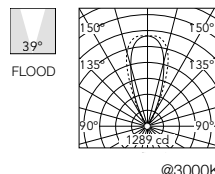
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	4292	0.44
2	1073	0.87
3	477	1.31
4	268	1.74
5	172	2.18

**Optic Flood 39°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 576 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 597 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 639 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 661 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017E1KA006	● F017E2KA006	● F017E3KA006	● F017E4KA006
● F017E1KA033	● F017E2KA033	● F017E3KA033	● F017E4KA033
1-10V	1-10V	1-10V	1-10V
● F017E1KB006	● F017E2KB006	● F017E3KB006	● F017E4KB006
● F017E1KB033	● F017E2KB033	● F017E3KB033	● F017E4KB033
Dali	Dali	Dali	Dali
● F017E1KD006	● F017E2KD006	● F017E3KD006	● F017E4KD006
● F017E1KD033	● F017E2KD033	● F017E3KD033	● F017E4KD033



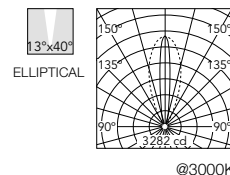
Beam Angle: 39°

h(m)	E(lx)	D(m)
1	1285	0.71
2	321	1.43
3	143	2.14
4	80	2.86
5	51	3.57

**Optic Elliptical 13° x 40°**

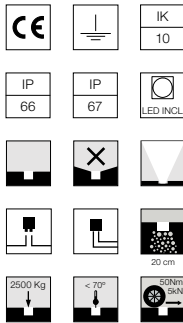
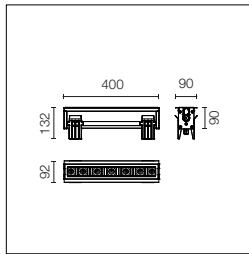
**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 574 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 595 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 638 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 659 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017E1LA006	● F017E2LA006	● F017E3LA006	● F017E4LA006
● F017E1LA033	● F017E2LA033	● F017E3LA033	● F017E4LA033
1-10V	1-10V	1-10V	1-10V
● F017E1LB006	● F017E2LB006	● F017E3LB006	● F017E4LB006
● F017E1LB033	● F017E2LB033	● F017E3LB033	● F017E4LB033
Dali	Dali	Dali	Dali
● F017E1LD006	● F017E2LD006	● F017E3LD006	● F017E4LD006
● F017E1LD033	● F017E2LD033	● F017E3LD033	● F017E4LD033



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	3282	0.22
2	820	0.44
3	365	0.67
4	205	0.89
5	131	1.11



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 334 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 346 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 371 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 383 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1QA006
- F017E1QA033
- 1-10V
- F017E1QB006
- F017E1QB033
- Dali
- F017E1QD006
- F017E1QD033

**2700K**

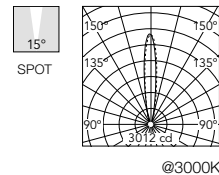
- Non Dimmable
- F017E2QA006
- F017E2QA033
- 1-10V
- F017E2QB006
- F017E2QB033
- Dali
- F017E2QD006
- F017E2QD033

**3000K**

- Non Dimmable
- F017E3QA006
- F017E3QA033
- 1-10V
- F017E3QB006
- F017E3QB033
- Dali
- F017E3QD006
- F017E3QD033

**4000K**

- Non Dimmable
- F017E4QA006
- F017E4QA033
- 1-10V
- F017E4QB006
- F017E4QB033
- Dali
- F017E4QD006
- F017E4QD033



**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 353 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 367 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 406 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1RA006
- F017E1RA033
- 1-10V
- F017E1RB006
- F017E1RB033
- Dali
- F017E1RD006
- F017E1RD033

**2700K**

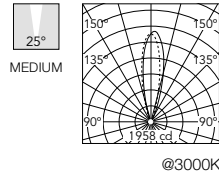
- Non Dimmable
- F017E2RA006
- F017E2RA033
- 1-10V
- F017E2RB006
- F017E2RB033
- Dali
- F017E2RD006
- F017E2RD033

**3000K**

- Non Dimmable
- F017E3RA006
- F017E3RA033
- 1-10V
- F017E3RB006
- F017E3RB033
- Dali
- F017E3RD006
- F017E3RD033

**4000K**

- Non Dimmable
- F017E4RA006
- F017E4RA033
- 1-10V
- F017E4RB006
- F017E4RB033
- Dali
- F017E4RD006
- F017E4RD033



**Optic Flood 42°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 620 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 294 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 314 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 325 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1SA006
- F017E1SA033
- 1-10V
- F017E1SB006
- F017E1SB033
- Dali
- F017E1SD006
- F017E1SD033

**2700K**

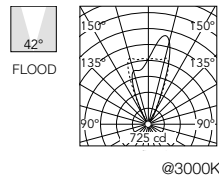
- Non Dimmable
- F017E2SA006
- F017E2SA033
- 1-10V
- F017E2SB006
- F017E2SB033
- Dali
- F017E2SD006
- F017E2SD033

**3000K**

- Non Dimmable
- F017E3SA006
- F017E3SA033
- 1-10V
- F017E3SB006
- F017E3SB033
- Dali
- F017E3SD006
- F017E3SD033

**4000K**

- Non Dimmable
- F017E4SA006
- F017E4SA033
- 1-10V
- F017E4SB006
- F017E4SB033
- Dali
- F017E4SD006
- F017E4SD033



**Optic Elliptical 12° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 271 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 281 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 301 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 311 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017E1TA006
- F017E1TA033
- 1-10V
- F017E1TB006
- F017E1TB033
- Dali
- F017E1TD006
- F017E1TD033

**2700K**

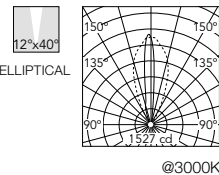
- Non Dimmable
- F017E2TA006
- F017E2TA033
- 1-10V
- F017E2TB006
- F017E2TB033
- Dali
- F017E2TD006
- F017E2TD033

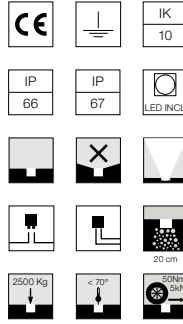
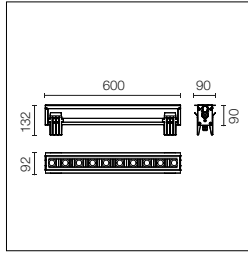
**3000K**

- Non Dimmable
- F017E3TA006
- F017E3TA033
- 1-10V
- F017E3TB006
- F017E3TB033
- Dali
- F017E3TD006
- F017E3TD033

**4000K**

- Non Dimmable
- F017E4TA006
- F017E4TA033
- 1-10V
- F017E4TB006
- F017E4TB033
- Dali
- F017E4TD006
- F017E4TD033





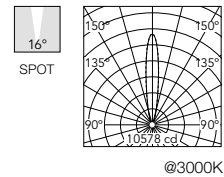
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1368 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1520 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1571 lm - 4000K/CRI 80

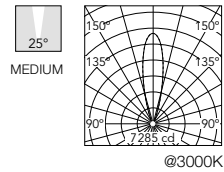
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1AA006	● F017F2AA006	● F017F3AA006	● F017F4AA006
● F017F1AA033	● F017F2AA033	● F017F3AA033	● F017F4AA033
1-10V	1-10V	1-10V	1-10V
● F017F1AB006	● F017F2AB006	● F017F3AB006	● F017F4AB006
● F017F1AB033	● F017F2AB033	● F017F3AB033	● F017F4AB033
Dali	Dali	Dali	Dali
● F017F1AD006	● F017F2AD006	● F017F3AD006	● F017F4AD006
● F017F1AD033	● F017F2AD033	● F017F3AD033	● F017F4AD033



**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1473 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1527 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1636 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1691 lm - 4000K/CRI 80

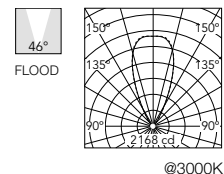
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1BA006	● F017F2BA006	● F017F3BA006	● F017F4BA006
● F017F1BA033	● F017F2BA033	● F017F3BA033	● F017F4BA033
1-10V	1-10V	1-10V	1-10V
● F017F1BB006	● F017F2BB006	● F017F3BB006	● F017F4BB006
● F017F1BB033	● F017F2BB033	● F017F3BB033	● F017F4BB033
Dali	Dali	Dali	Dali
● F017F1BD006	● F017F2BD006	● F017F3BD006	● F017F4BD006
● F017F1BD033	● F017F2BD033	● F017F3BD033	● F017F4BD033



**Optic Flood 46°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1283 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1330 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1425 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1473 lm - 4000K/CRI 80

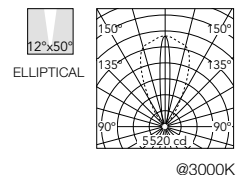
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1CA006	● F017F2CA006	● F017F3CA006	● F017F4CA006
● F017F1CA033	● F017F2CA033	● F017F3CA033	● F017F4CA033
1-10V	1-10V	1-10V	1-10V
● F017F1CB006	● F017F2CB006	● F017F3CB006	● F017F4CB006
● F017F1CB033	● F017F2CB033	● F017F3CB033	● F017F4CB033
Dali	Dali	Dali	Dali
● F017F1CD006	● F017F2CD006	● F017F3CD006	● F017F4CD006
● F017F1CD033	● F017F2CD033	● F017F3CD033	● F017F4CD033



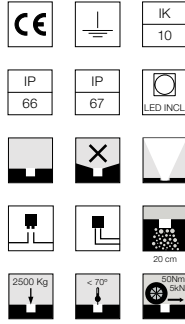
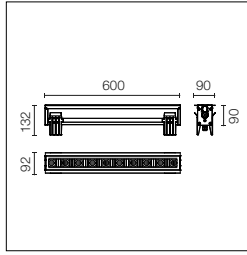
**Optic Elliptical 12° x 50°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1286 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1334 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1429 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1477 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1DA006	● F017F2DA006	● F017F3DA006	● F017F4DA006
● F017F1DA033	● F017F2DA033	● F017F3DA033	● F017F4DA033
1-10V	1-10V	1-10V	1-10V
● F017F1DB006	● F017F2DB006	● F017F3DB006	● F017F4DB006
● F017F1DB033	● F017F2DB033	● F017F3DB033	● F017F4DB033
Dali	Dali	Dali	Dali
● F017F1DD006	● F017F2DD006	● F017F3DD006	● F017F4DD006
● F017F1DD033	● F017F2DD033	● F017F3DD033	● F017F4DD033



# Ingraze Adjustable Frame + Linear Louvre L 600



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 16°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1003 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1040 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1115 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017F1HA006
- F017F1HA033
- 1-10V
- F017F1HB006
- F017F1HB033
- Dali
- F017F1HD006
- F017F1HD033

### 2700K

Non Dimmable

- F017F2HA006
- F017F2HA033
- 1-10V
- F017F2HB006
- F017F2HB033
- Dali
- F017F2HD006
- F017F2HD033

### 3000K

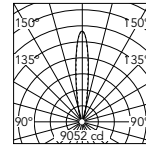
Non Dimmable

- F017F3HA006
- F017F3HA033
- 1-10V
- F017F3HB006
- F017F3HB033
- Dali
- F017F3HD006
- F017F3HD033

### 4000K

Non Dimmable

- F017F4HA006
- F017F4HA033
- 1-10V
- F017F4HB006
- F017F4HB033
- Dali
- F017F4HD006
- F017F4HD033



@3000K

Beam Angle: 16°	h(m)	E(lx)	Dxm
1	9052	0.28	
2	2263	0.56	
3	1006	0.83	
4	566	1.11	
5	362	1.39	

## Optic Medium 25°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1063 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1102 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1181 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1220 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017F1JA006
- F017F1JA033
- 1-10V
- F017F1JB006
- F017F1JB033
- Dali
- F017F1JD006
- F017F1JD033

### 2700K

Non Dimmable

- F017F2JA006
- F017F2JA033
- 1-10V
- F017F2JB006
- F017F2JB033
- Dali
- F017F2JD006
- F017F2JD033

### 3000K

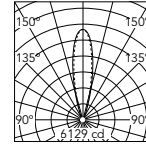
Non Dimmable

- F017F3JA006
- F017F3JA033
- 1-10V
- F017F3JB006
- F017F3JB033
- Dali
- F017F3JD006
- F017F3JD033

### 4000K

Non Dimmable

- F017F4JA006
- F017F4JA033
- 1-10V
- F017F4JB006
- F017F4JB033
- Dali
- F017F4JD006
- F017F4JD033



@3000K

Beam Angle: 25°	h(m)	E(lx)	Dxm
1	6129	0.44	
2	1532	0.87	
3	681	1.31	
4	383	1.74	
5	245	2.18	

## Optic Flood 39°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 944 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017F1KA006
- F017F1KA033
- 1-10V
- F017F1KB006
- F017F1KB033
- Dali
- F017F1KD006
- F017F1KD033

### 2700K

Non Dimmable

- F017F2KA006
- F017F2KA033
- 1-10V
- F017F2KB006
- F017F2KB033
- Dali
- F017F2KD006
- F017F2KD033

### 3000K

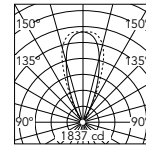
Non Dimmable

- F017F3KA006
- F017F3KA033
- 1-10V
- F017F3KB006
- F017F3KB033
- Dali
- F017F3KD006
- F017F3KD033

### 4000K

Non Dimmable

- F017F4KA006
- F017F4KA033
- 1-10V
- F017F4KB006
- F017F4KB033
- Dali
- F017F4KD006
- F017F4KD033



@3000K

Beam Angle: 39°	h(m)	E(lx)	Dxm
1	1832	0.71	
2	458	1.43	
3	204	2.14	
4	115	2.86	
5	73	3.57	

## Optic Elliptical 13° x 40°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 941 lm - 4000K/CRI 80

### 2200K

Non Dimmable

- F017F1LA006
- F017F1LA033
- 1-10V
- F017F1LB006
- F017F1LB033
- Dali
- F017F1LD006
- F017F1LD033

### 2700K

Non Dimmable

- F017F2LA006
- F017F2LA033
- 1-10V
- F017F2LB006
- F017F2LB033
- Dali
- F017F2LD006
- F017F2LD033

### 3000K

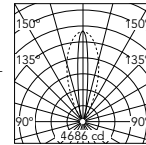
Non Dimmable

- F017F3LA006
- F017F3LA033
- 1-10V
- F017F3LB006
- F017F3LB033
- Dali
- F017F3LD006
- F017F3LD033

### 4000K

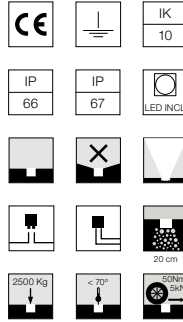
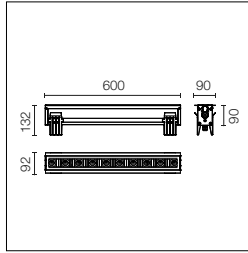
Non Dimmable

- F017F4LA006
- F017F4LA033
- 1-10V
- F017F4LB006
- F017F4LB033
- Dali
- F017F4LD006
- F017F4LD033



@3000K

Beam Angle: 13°	h(m)	E(lx)	Dxm
1	4686	0.22	
2	1172	0.44	
3	521	0.67	
4	293	0.89	
5	187	1.11	



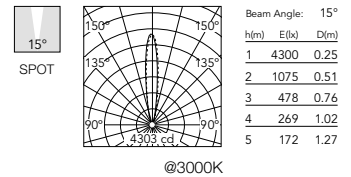
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 477 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 495 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 530 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 548 lm - 4000K/CRI 80

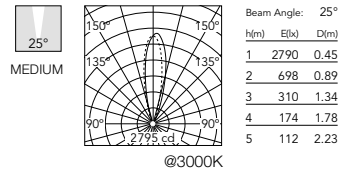
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1QA006	● F017F2QA006	● F017F3QA006	● F017F4QA006
● F017F1QA033	● F017F2QA033	● F017F3QA033	● F017F4QA033
1-10V	1-10V	1-10V	1-10V
● F017F1QB006	● F017F2QB006	● F017F3QB006	● F017F4QB006
● F017F1QB033	● F017F2QB033	● F017F3QB033	● F017F4QB033
Dali	Dali	Dali	Dali
● F017F1QD006	● F017F2QD006	● F017F3QD006	● F017F4QD006
● F017F1QD033	● F017F2QD033	● F017F3QD033	● F017F4QD033



**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 505 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 523 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 561 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 579 lm - 4000K/CRI 80

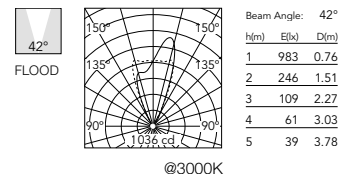
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1RA006	● F017F2RA006	● F017F3RA006	● F017F4RA006
● F017F1RA033	● F017F2RA033	● F017F3RA033	● F017F4RA033
1-10V	1-10V	1-10V	1-10V
● F017F1RB006	● F017F2RB006	● F017F3RB006	● F017F4RB006
● F017F1RB033	● F017F2RB033	● F017F3RB033	● F017F4RB033
Dali	Dali	Dali	Dali
● F017F1RD006	● F017F2RD006	● F017F3RD006	● F017F4RD006
● F017F1RD033	● F017F2RD033	● F017F3RD033	● F017F4RD033



**Optic Flood 42°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 404 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 449 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 464 lm - 4000K/CRI 80

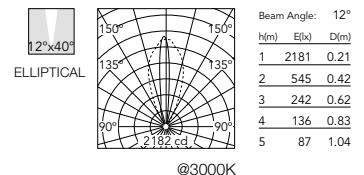
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1SA006	● F017F2SA006	● F017F3SA006	● F017F4SA006
● F017F1SA033	● F017F2SA033	● F017F3SA033	● F017F4SA033
1-10V	1-10V	1-10V	1-10V
● F017F1SB006	● F017F2SB006	● F017F3SB006	● F017F4SB006
● F017F1SB033	● F017F2SB033	● F017F3SB033	● F017F4SB033
Dali	Dali	Dali	Dali
● F017F1SD006	● F017F2SD006	● F017F3SD006	● F017F4SD006
● F017F1SD033	● F017F2SD033	● F017F3SD033	● F017F4SD033

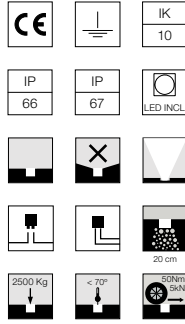
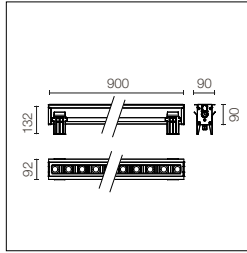


**Optic Elliptical 12° x 40°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 387 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 430 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 444 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017F1TA006	● F017F2TA006	● F017F3TA006	● F017F4TA006
● F017F1TA033	● F017F2TA033	● F017F3TA033	● F017F4TA033
1-10V	1-10V	1-10V	1-10V
● F017F1TB006	● F017F2TB006	● F017F3TB006	● F017F4TB006
● F017F1TB033	● F017F2TB033	● F017F3TB033	● F017F4TB033
Dali	Dali	Dali	Dali
● F017F1TD006	● F017F2TD006	● F017F3TD006	● F017F4TD006
● F017F1TD033	● F017F2TD033	● F017F3TD033	● F017F4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2052 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2128 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2454 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1AA006
  - F017G1AA033
- 1-10V
- F017G1AB006
  - F017G1AB033
- Dali
- F017G1AD006
  - F017G1AD033

**2700K**

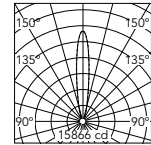
- Non Dimmable
- F017G2AA006
  - F017G2AA033
- 1-10V
- F017G2AB006
  - F017G2AB033
- Dali
- F017G2AD006
  - F017G2AD033

**3000K**

- Non Dimmable
- F017G3AA006
  - F017G3AA033
- 1-10V
- F017G3AB006
  - F017G3AB033
- Dali
- F017G3AD006
  - F017G3AD033

**4000K**

- Non Dimmable
- F017G4AA006
  - F017G4AA033
- 1-10V
- F017G4AB006
  - F017G4AB033
- Dali
- F017G4AD006
  - F017G4AD033



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	15866	0.27
2	3967	0.55
3	1763	0.82
4	992	1.09
5	635	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2209 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2291 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2280 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1BA006
  - F017G1BA033
- 1-10V
- F017G1BB006
  - F017G1BB033
- Dali
- F017G1BD006
  - F017G1BD033

**2700K**

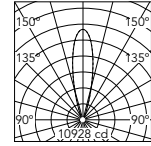
- Non Dimmable
- F017G2BA006
  - F017G2BA033
- 1-10V
- F017G2BB006
  - F017G2BB033
- Dali
- F017G2BD006
  - F017G2BD033

**3000K**

- Non Dimmable
- F017G3BA006
  - F017G3BA033
- 1-10V
- F017G3BB006
  - F017G3BB033
- Dali
- F017G3BD006
  - F017G3BD033

**4000K**

- Non Dimmable
- F017G4BA006
  - F017G4BA033
- 1-10V
- F017G4BB006
  - F017G4BB033
- Dali
- F017G4BD006
  - F017G4BD033



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	10928	0.44
2	2732	0.88
3	1214	1.32
4	683	1.76
5	437	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1924 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1995 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2138 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2209 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1CA006
  - F017G1CA033
- 1-10V
- F017G1CB006
  - F017G1CB033
- Dali
- F017G1CD006
  - F017G1CD033

**2700K**

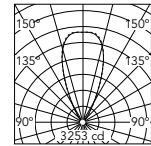
- Non Dimmable
- F017G2CA006
  - F017G2CA033
- 1-10V
- F017G2CB006
  - F017G2CB033
- Dali
- F017G2CD006
  - F017G2CD033

**3000K**

- Non Dimmable
- F017G3CA006
  - F017G3CA033
- 1-10V
- F017G3CB006
  - F017G3CB033
- Dali
- F017G3CD006
  - F017G3CD033

**4000K**

- Non Dimmable
- F017G4CA006
  - F017G4CA033
- 1-10V
- F017G4CB006
  - F017G4CB033
- Dali
- F017G4CD006
  - F017G4CD033



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3238	0.85
2	809	1.71
3	360	2.56
4	202	3.42
5	130	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1929 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2001 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2144 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2215 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1DA006
  - F017G1DA033
- 1-10V
- F017G1DB006
  - F017G1DB033
- Dali
- F017G1DD006
  - F017G1DD033

**2700K**

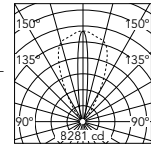
- Non Dimmable
- F017G2DA006
  - F017G2DA033
- 1-10V
- F017G2DB006
  - F017G2DB033
- Dali
- F017G2DD006
  - F017G2DD033

**3000K**

- Non Dimmable
- F017G3DA006
  - F017G3DA033
- 1-10V
- F017G3DB006
  - F017G3DB033
- Dali
- F017G3DD006
  - F017G3DD033

**4000K**

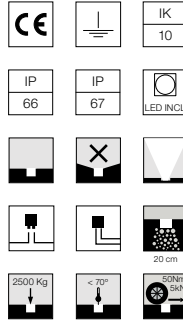
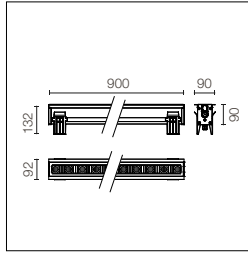
- Non Dimmable
- F017G4DA006
  - F017G4DA033
- 1-10V
- F017G4DB006
  - F017G4DB033
- Dali
- F017G4DD006
  - F017G4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	8280	0.22
2	2070	0.44
3	920	0.66
4	517	0.87
5	331	1.09

@3000K



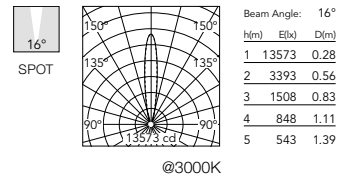
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1505 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1560 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1672 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1728 lm - 4000K/CRI 80

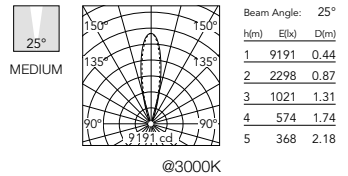
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017G1HA006	● F017G2HA006	● F017G3HA006	● F017G4HA006
● F017G1HA033	● F017G2HA033	● F017G3HA033	● F017G4HA033
1-10V	1-10V	1-10V	1-10V
● F017G1HB006	● F017G2HB006	● F017G3HB006	● F017G4HB006
● F017G1HB033	● F017G2HB033	● F017G3HB033	● F017G4HB033
Dali	Dali	Dali	Dali
● F017G1HD006	● F017G2HD006	● F017G3HD006	● F017G4HD006
● F017G1HD033	● F017G2HD033	● F017G3HD033	● F017G4HD033



**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1594 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1653 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1771 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1830 lm - 4000K/CRI 80

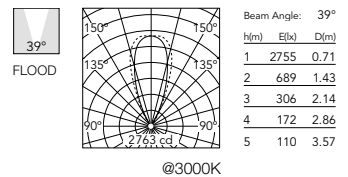
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017G1JA006	● F017G2JA006	● F017G3JA006	● F017G4JA006
● F017G1JA033	● F017G2JA033	● F017G3JA033	● F017G4JA033
1-10V	1-10V	1-10V	1-10V
● F017G1JB006	● F017G2JB006	● F017G3JB006	● F017G4JB006
● F017G1JB033	● F017G2JB033	● F017G3JB033	● F017G4JB033
Dali	Dali	Dali	Dali
● F017G1JD006	● F017G2JD006	● F017G3JD006	● F017G4JD006
● F017G1JD033	● F017G2JD033	● F017G3JD033	● F017G4JD033



**Optic Flood 39°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1233 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1278 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1370 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1415 lm - 4000K/CRI 80

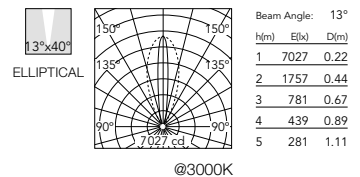
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017G1KA006	● F017G2KA006	● F017G3KA006	● F017G4KA006
● F017G1KA033	● F017G2KA033	● F017G3KA033	● F017G4KA033
1-10V	1-10V	1-10V	1-10V
● F017G1KB006	● F017G2KB006	● F017G3KB006	● F017G4KB006
● F017G1KB033	● F017G2KB033	● F017G3KB033	● F017G4KB033
Dali	Dali	Dali	Dali
● F017G1KD006	● F017G2KD006	● F017G3KD006	● F017G4KD006
● F017G1KD033	● F017G2KD033	● F017G3KD033	● F017G4KD033

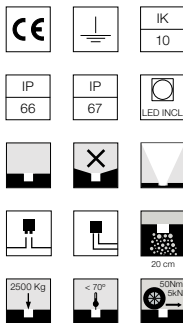
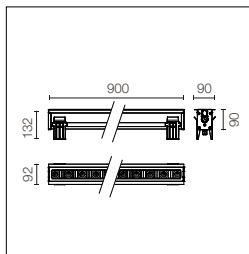


**Optic Elliptical 13° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1229 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1275 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1366 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1411 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017G1LA006	● F017G2LA006	● F017G3LA006	● F017G4LA006
● F017G1LA033	● F017G2LA033	● F017G3LA033	● F017G4LA033
1-10V	1-10V	1-10V	1-10V
● F017G1LB006	● F017G2LB006	● F017G3LB006	● F017G4LB006
● F017G1LB033	● F017G2LB033	● F017G3LB033	● F017G4LB033
Dali	Dali	Dali	Dali
● F017G1LD006	● F017G2LD006	● F017G3LD006	● F017G4LD006
● F017G1LD033	● F017G2LD033	● F017G3LD033	● F017G4LD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 715 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 742 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 795 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 821 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1QA006
  - F017G1QA033
- 1-10V
- F017G1QB006
  - F017G1QB033
- Dali
- F017G1QD006
  - F017G1QD033

**2700K**

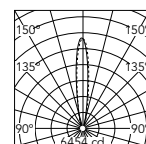
- Non Dimmable
- F017G2QA006
  - F017G2QA033
- 1-10V
- F017G2QB006
  - F017G2QB033
- Dali
- F017G2QD006
  - F017G2QD033

**3000K**

- Non Dimmable
- F017G3QA006
  - F017G3QA033
- 1-10V
- F017G3QB006
  - F017G3QB033
- Dali
- F017G3QD006
  - F017G3QD033

**4000K**

- Non Dimmable
- F017G4QA006
  - F017G4QA033
- 1-10V
- F017G4QB006
  - F017G4QB033
- Dali
- F017G4QD006
  - F017G4QD033



@3000K

Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6451	0.25
2	1613	0.51
3	717	0.76
4	403	1.02
5	258	1.27

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 757 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 785 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 841 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 869 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1RA006
  - F017G1RA033
- 1-10V
- F017G1RB006
  - F017G1RB033
- Dali
- F017G1RD006
  - F017G1RD033

**2700K**

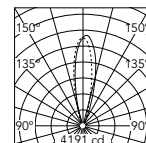
- Non Dimmable
- F017G2RA006
  - F017G2RA033
- 1-10V
- F017G2RB006
  - F017G2RB033
- Dali
- F017G2RD006
  - F017G2RD033

**3000K**

- Non Dimmable
- F017G3RA006
  - F017G3RA033
- 1-10V
- F017G3RB006
  - F017G3RB033
- Dali
- F017G3RD006
  - F017G3RD033

**4000K**

- Non Dimmable
- F017G4RA006
  - F017G4RA033
- 1-10V
- F017G4RB006
  - F017G4RB033
- Dali
- F017G4RD006
  - F017G4RD033



@3000K

Beam Angle: 25°

h(m)	E(lx)	D(m)
1	4183	0.45
2	1046	0.89
3	465	1.34
4	261	1.78
5	167	2.23

**Optic Flood 42°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 606 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 628 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 673 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 696 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1SA006
  - F017G1SA033
- 1-10V
- F017G1SB006
  - F017G1SB033
- Dali
- F017G1SD006
  - F017G1SD033

**2700K**

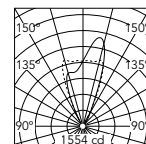
- Non Dimmable
- F017G2SA006
  - F017G2SA033
- 1-10V
- F017G2SB006
  - F017G2SB033
- Dali
- F017G2SD006
  - F017G2SD033

**3000K**

- Non Dimmable
- F017G3SA006
  - F017G3SA033
- 1-10V
- F017G3SB006
  - F017G3SB033
- Dali
- F017G3SD006
  - F017G3SD033

**4000K**

- Non Dimmable
- F017G4SA006
  - F017G4SA033
- 1-10V
- F017G4SB006
  - F017G4SB033
- Dali
- F017G4SD006
  - F017G4SD033



@3000K

Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1474	0.76
2	368	1.51
3	164	2.27
4	92	3.03
5	59	3.78

**Optic Elliptical 12° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 580 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 602 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 645 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 666 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017G1TA006
  - F017G1TA033
- 1-10V
- F017G1TB006
  - F017G1TB033
- Dali
- F017G1TD006
  - F017G1TD033

**2700K**

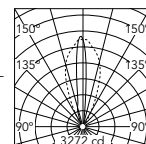
- Non Dimmable
- F017G2TA006
  - F017G2TA033
- 1-10V
- F017G2TB006
  - F017G2TB033
- Dali
- F017G2TD006
  - F017G2TD033

**3000K**

- Non Dimmable
- F017G3TA006
  - F017G3TA033
- 1-10V
- F017G3TB006
  - F017G3TB033
- Dali
- F017G3TD006
  - F017G3TD033

**4000K**

- Non Dimmable
- F017G4TA006
  - F017G4TA033
- 1-10V
- F017G4TB006
  - F017G4TB033
- Dali
- F017G4TD006
  - F017G4TD033

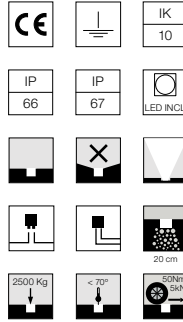
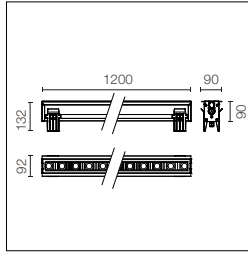


@3000K

Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3271	0.21
2	818	0.42
3	363	0.62
4	204	0.83
5	131	1.04





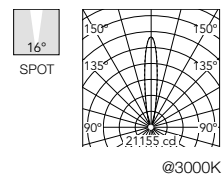
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2736 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2837 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3040 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3141 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1AA006	● F017H2AA006	● F017H3AA006	● F017H4AA006
● F017H1AA033	● F017H2AA033	● F017H3AA033	● F017H4AA033
1-10V	1-10V	1-10V	1-10V
● F017H1AB006	● F017H2AB006	● F017H3AB006	● F017H4AB006
● F017H1AB033	● F017H2AB033	● F017H3AB033	● F017H4AB033
Dali	Dali	Dali	Dali
● F017H1AD006	● F017H2AD006	● F017H3AD006	● F017H4AD006
● F017H1AD033	● F017H2AD033	● F017H3AD033	● F017H4AD033



Beam Angle: 16°

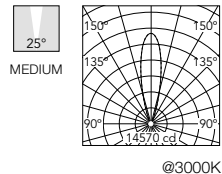
h(m)	E(lx)	D(m)
1	21155	0.27
2	5289	0.55
3	2351	0.82
4	1322	1.09
5	846	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2945 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 3054 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3272 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3381 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1BA006	● F017H2BA006	● F017H3BA006	● F017H4BA006
● F017H1BA033	● F017H2BA033	● F017H3BA033	● F017H4BA033
1-10V	1-10V	1-10V	1-10V
● F017H1BB006	● F017H2BB006	● F017H3BB006	● F017H4BB006
● F017H1BB033	● F017H2BB033	● F017H3BB033	● F017H4BB033
Dali	Dali	Dali	Dali
● F017H1BD006	● F017H2BD006	● F017H3BD006	● F017H4BD006
● F017H1BD033	● F017H2BD033	● F017H3BD033	● F017H4BD033



Beam Angle: 25°

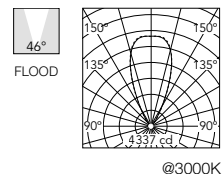
h(m)	E(lx)	D(m)
1	14570	0.44
2	3643	0.88
3	1619	1.32
4	911	1.76
5	583	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2565 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2660 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2850 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2945 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1CA006	● F017H2CA006	● F017H3CA006	● F017H4CA006
● F017H1CA033	● F017H2CA033	● F017H3CA033	● F017H4CA033
1-10V	1-10V	1-10V	1-10V
● F017H1CB006	● F017H2CB006	● F017H3CB006	● F017H4CB006
● F017H1CB033	● F017H2CB033	● F017H3CB033	● F017H4CB033
Dali	Dali	Dali	Dali
● F017H1CD006	● F017H2CD006	● F017H3CD006	● F017H4CD006
● F017H1CD033	● F017H2CD033	● F017H3CD033	● F017H4CD033



Beam Angle: 46°

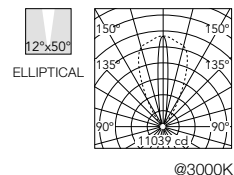
h(m)	E(lx)	D(m)
1	4316	0.85
2	1079	1.71
3	480	2.56
4	270	3.42
5	173	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2572 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2668 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2858 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2953 lm - 4000K/CRI 80

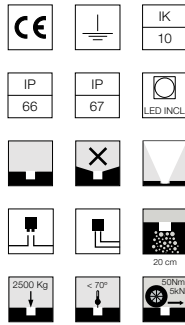
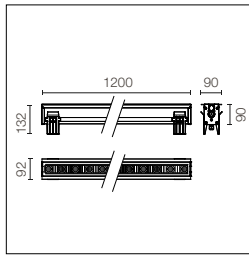
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1DA006	● F017H2DA006	● F017H3DA006	● F017H4DA006
● F017H1DA033	● F017H2DA033	● F017H3DA033	● F017H4DA033
1-10V	1-10V	1-10V	1-10V
● F017H1DB006	● F017H2DB006	● F017H3DB006	● F017H4DB006
● F017H1DB033	● F017H2DB033	● F017H3DB033	● F017H4DB033
Dali	Dali	Dali	Dali
● F017H1DD006	● F017H2DD006	● F017H3DD006	● F017H4DD006
● F017H1DD033	● F017H2DD033	● F017H3DD033	● F017H4DD033



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	11037	0.22
2	2759	0.44
3	1226	0.66
4	690	0.87
5	441	1.09

@3000K



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2006 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2080 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2229 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2303 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017H1HA006
- F017H1HA033
- 1-10V
- F017H1HB006
- F017H1HB033
- Dali
- F017H1HD006
- F017H1HD033

**2700K**

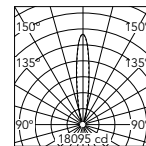
- Non Dimmable
- F017H2HA006
- F017H2HA033
- 1-10V
- F017H2HB006
- F017H2HB033
- Dali
- F017H2HD006
- F017H2HD033

**3000K**

- Non Dimmable
- F017H3HA006
- F017H3HA033
- 1-10V
- F017H3HB006
- F017H3HB033
- Dali
- F017H3HD006
- F017H3HD033

**4000K**

- Non Dimmable
- F017H4HA006
- F017H4HA033
- 1-10V
- F017H4HB006
- F017H4HB033
- Dali
- F017H4HD006
- F017H4HD033



@3000K

Beam Angle: 16°			
h(m)	E(lx)	Dxm	
1	18095	0.28	
2	4524	0.56	
3	2011	0.83	
4	1131	1.11	
5	724	1.39	

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2125 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2203 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2361 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2439 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017H1JA006
- F017H1JA033
- 1-10V
- F017H1JB006
- F017H1JB033
- Dali
- F017H1JD006
- F017H1JD033

**2700K**

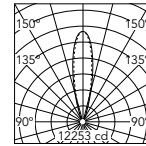
- Non Dimmable
- F017H2JA006
- F017H2JA033
- 1-10V
- F017H2JB006
- F017H2JB033
- Dali
- F017H2JD006
- F017H2JD033

**3000K**

- Non Dimmable
- F017H3JA006
- F017H3JA033
- 1-10V
- F017H3JB006
- F017H3JB033
- Dali
- F017H3JD006
- F017H3JD033

**4000K**

- Non Dimmable
- F017H4JA006
- F017H4JA033
- 1-10V
- F017H4JB006
- F017H4JB033
- Dali
- F017H4JD006
- F017H4JD033



@3000K

Beam Angle: 25°			
h(m)	E(lx)	Dxm	
1	12253	0.44	
2	3063	0.87	
3	1361	1.31	
4	766	1.74	
5	490	2.18	

**Optic Flood 39°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1643 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1704 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1826 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1887 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017H1KA006
- F017H1KA033
- 1-10V
- F017H1KB006
- F017H1KB033
- Dali
- F017H1KD006
- F017H1KD033

**2700K**

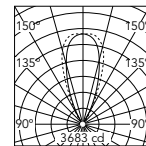
- Non Dimmable
- F017H2KA006
- F017H2KA033
- 1-10V
- F017H2KB006
- F017H2KB033
- Dali
- F017H2KD006
- F017H2KD033

**3000K**

- Non Dimmable
- F017H3KA006
- F017H3KA033
- 1-10V
- F017H3KB006
- F017H3KB033
- Dali
- F017H3KD006
- F017H3KD033

**4000K**

- Non Dimmable
- F017H4KA006
- F017H4KA033
- 1-10V
- F017H4KB006
- F017H4KB033
- Dali
- F017H4KD006
- F017H4KD033



@3000K

Beam Angle: 39°			
h(m)	E(lx)	Dxm	
1	3672	0.71	
2	918	1.43	
3	408	2.14	
4	230	2.86	
5	147	3.57	

**Optic Elliptical 13° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1639 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1700 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1821 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1882 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017H1LA006
- F017H1LA033
- 1-10V
- F017H1LB006
- F017H1LB033
- Dali
- F017H1LD006
- F017H1LD033

**2700K**

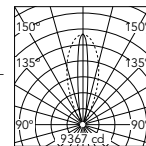
- Non Dimmable
- F017H2LA006
- F017H2LA033
- 1-10V
- F017H2LB006
- F017H2LB033
- Dali
- F017H2LD006
- F017H2LD033

**3000K**

- Non Dimmable
- F017H3LA006
- F017H3LA033
- 1-10V
- F017H3LB006
- F017H3LB033
- Dali
- F017H3LD006
- F017H3LD033

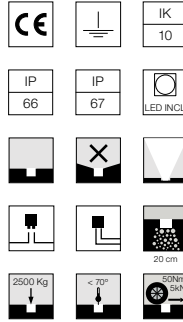
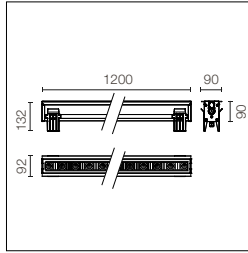
**4000K**

- Non Dimmable
- F017H4LA006
- F017H4LA033
- 1-10V
- F017H4LB006
- F017H4LB033
- Dali
- F017H4LD006
- F017H4LD033



@3000K

Beam Angle: 13°			
h(m)	E(lx)	Dxm	
1	9367	0.22	
2	2342	0.44	
3	1041	0.67	
4	585	0.89	
5	375	1.11	



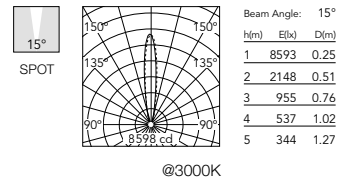
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220–240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 954 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 989 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1059 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1095 lm - 4000K/CRI 80

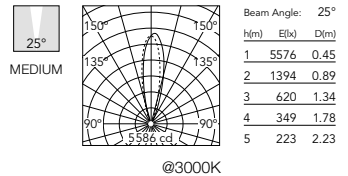
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1QA006	● F017H2QA006	● F017H3QA006	● F017H4QA006
● F017H1QA033	● F017H2QA033	● F017H3QA033	● F017H4QA033
1-10V	1-10V	1-10V	1-10V
● F017H1QB006	● F017H2QB006	● F017H3QB006	● F017H4QB006
● F017H1QB033	● F017H2QB033	● F017H3QB033	● F017H4QB033
Dali	Dali	Dali	Dali
● F017H1QD006	● F017H2QD006	● F017H3QD006	● F017H4QD006
● F017H1QD033	● F017H2QD033	● F017H3QD033	● F017H4QD033



**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1009 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1046 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1121 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1158 lm - 4000K/CRI 80

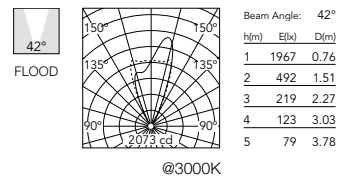
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1RA006	● F017H2RA006	● F017H3RA006	● F017H4RA006
● F017H1RA033	● F017H2RA033	● F017H3RA033	● F017H4RA033
1-10V	1-10V	1-10V	1-10V
● F017H1RB006	● F017H2RB006	● F017H3RB006	● F017H4RB006
● F017H1RB033	● F017H2RB033	● F017H3RB033	● F017H4RB033
Dali	Dali	Dali	Dali
● F017H1RD006	● F017H2RD006	● F017H3RD006	● F017H4RD006
● F017H1RD033	● F017H2RD033	● F017H3RD033	● F017H4RD033



**Optic Flood 42°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 808 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 838 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 898 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 928 lm - 4000K/CRI 80

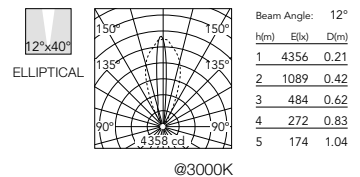
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1SA006	● F017H2SA006	● F017H3SA006	● F017H4SA006
● F017H1SA033	● F017H2SA033	● F017H3SA033	● F017H4SA033
1-10V	1-10V	1-10V	1-10V
● F017H1SB006	● F017H2SB006	● F017H3SB006	● F017H4SB006
● F017H1SB033	● F017H2SB033	● F017H3SB033	● F017H4SB033
Dali	Dali	Dali	Dali
● F017H1SD006	● F017H2SD006	● F017H3SD006	● F017H4SD006
● F017H1SD033	● F017H2SD033	● F017H3SD033	● F017H4SD033

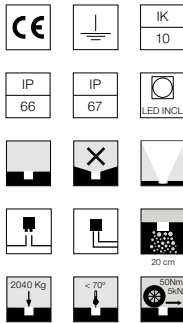
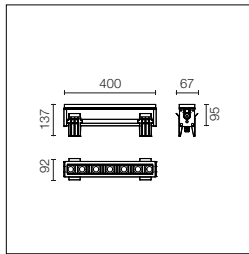


**Optic Elliptical 12° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 773 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 802 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 859 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 888 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017H1TA006	● F017H2TA006	● F017H3TA006	● F017H4TA006
● F017H1TA033	● F017H2TA033	● F017H3TA033	● F017H4TA033
1-10V	1-10V	1-10V	1-10V
● F017H1TB006	● F017H2TB006	● F017H3TB006	● F017H4TB006
● F017H1TB033	● F017H2TB033	● F017H3TB033	● F017H4TB033
Dali	Dali	Dali	Dali
● F017H1TD006	● F017H2TD006	● F017H3TD006	● F017H4TD006
● F017H1TD033	● F017H2TD033	● F017H3TD033	● F017H4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 958 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 993 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1064 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1100 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1AA006
- F017N1AA033
- 1-10V
- F017N1AB006
- F017N1AB033
- Dali
- F017N1AD006
- F017N1AD033

**2700K**

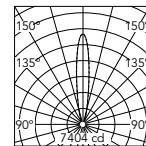
- Non Dimmable
- F017N2AA006
- F017N2AA033
- 1-10V
- F017N2AB006
- F017N2AB033
- Dali
- F017N2AD006
- F017N2AD033

**3000K**

- Non Dimmable
- F017N3AA006
- F017N3AA033
- 1-10V
- F017N3AB006
- F017N3AB033
- Dali
- F017N3AD006
- F017N3AD033

**4000K**

- Non Dimmable
- F017N4AA006
- F017N4AA033
- 1-10V
- F017N4AB006
- F017N4AB033
- Dali
- F017N4AD006
- F017N4AD033



@3000K

Beam Angle: 16°	h(m)	E(lx)	D(m)
1	7404	0.27	
2	1851	0.55	
3	823	0.82	
4	463	1.09	
5	296	1.37	

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 1031 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 1069 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1146 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1184 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1BA006
- F017N1BA033
- 1-10V
- F017N1BB006
- F017N1BB033
- Dali
- F017N1BD006
- F017N1BD033

**2700K**

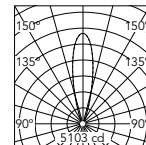
- Non Dimmable
- F017N2BA006
- F017N2BA033
- 1-10V
- F017N2BB006
- F017N2BB033
- Dali
- F017N2BD006
- F017N2BD033

**3000K**

- Non Dimmable
- F017N3BA006
- F017N3BA033
- 1-10V
- F017N3BB006
- F017N3BB033
- Dali
- F017N3BD006
- F017N3BD033

**4000K**

- Non Dimmable
- F017N4BA006
- F017N4BA033
- 1-10V
- F017N4BB006
- F017N4BB033
- Dali
- F017N4BD006
- F017N4BD033



@3000K

Beam Angle: 25°	h(m)	E(lx)	D(m)
1	5103	0.44	
2	1276	0.88	
3	567	1.32	
4	319	1.76	
5	204	2.20	

**Optic Flood 46°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 898 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 931 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 998 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1031 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1CA006
- F017N1CA033
- 1-10V
- F017N1CB006
- F017N1CB033
- Dali
- F017N1CD006
- F017N1CD033

**2700K**

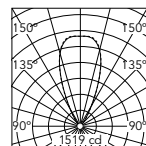
- Non Dimmable
- F017N2CA006
- F017N2CA033
- 1-10V
- F017N2CB006
- F017N2CB033
- Dali
- F017N2CD006
- F017N2CD033

**3000K**

- Non Dimmable
- F017N3CA006
- F017N3CA033
- 1-10V
- F017N3CB006
- F017N3CB033
- Dali
- F017N3CD006
- F017N3CD033

**4000K**

- Non Dimmable
- F017N4CA006
- F017N4CA033
- 1-10V
- F017N4CB006
- F017N4CB033
- Dali
- F017N4CD006
- F017N4CD033



@3000K

Beam Angle: 46°	h(m)	E(lx)	D(m)
1	1511	0.85	
2	378	1.71	
3	168	2.56	
4	94	3.42	
5	60	4.27	

**Optic Elliptical 12° x 50°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 901 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 934 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 1001 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 1034 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1DA006
- F017N1DA033
- 1-10V
- F017N1DB006
- F017N1DB033
- Dali
- F017N1DD006
- F017N1DD033

**2700K**

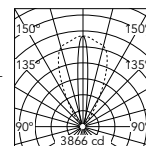
- Non Dimmable
- F017N2DA006
- F017N2DA033
- 1-10V
- F017N2DB006
- F017N2DB033
- Dali
- F017N2DD006
- F017N2DD033

**3000K**

- Non Dimmable
- F017N3DA006
- F017N3DA033
- 1-10V
- F017N3DB006
- F017N3DB033
- Dali
- F017N3DD006
- F017N3DD033

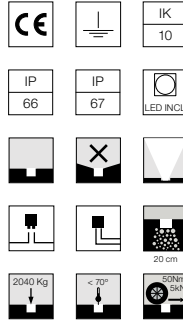
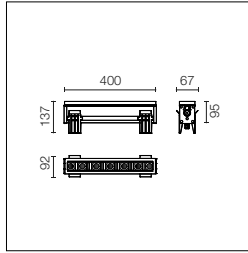
**4000K**

- Non Dimmable
- F017N4DA006
- F017N4DA033
- 1-10V
- F017N4DB006
- F017N4DB033
- Dali
- F017N4DD006
- F017N4DD033



@3000K

Beam Angle: 12°	h(m)	E(lx)	D(m)
1	3866	0.22	
2	966	0.44	
3	430	0.66	
4	242	0.87	
5	155	1.09	



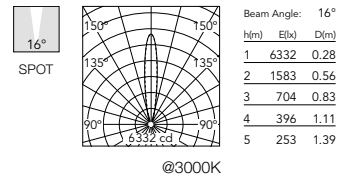
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 702 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 728 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 806 lm - 4000K/CRI 80

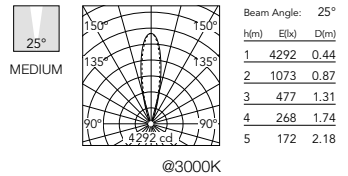
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017N1HA006	● F017N2HA006	● F017N3HA006	● F017N4HA006
● F017N1HA033	● F017N2HA033	● F017N3HA033	● F017N4HA033
1-10V	1-10V	1-10V	1-10V
● F017N1HB006	● F017N2HB006	● F017N3HB006	● F017N4HB006
● F017N1HB033	● F017N2HB033	● F017N3HB033	● F017N4HB033
Dali	Dali	Dali	Dali
● F017N1HD006	● F017N2HD006	● F017N3HD006	● F017N4HD006
● F017N1HD033	● F017N2HD033	● F017N3HD033	● F017N4HD033



**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 744 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 772 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 827 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 854 lm - 4000K/CRI 80

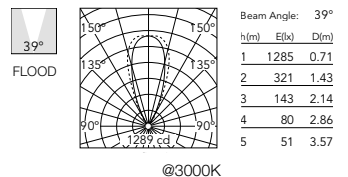
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017N1JA006	● F017N2JA006	● F017N3JA006	● F017N4JA006
● F017N1JA033	● F017N2JA033	● F017N3JA033	● F017N4JA033
1-10V	1-10V	1-10V	1-10V
● F017N1JB006	● F017N2JB006	● F017N3JB006	● F017N4JB006
● F017N1JB033	● F017N2JB033	● F017N3JB033	● F017N4JB033
Dali	Dali	Dali	Dali
● F017N1JD006	● F017N2JD006	● F017N3JD006	● F017N4JD006
● F017N1JD033	● F017N2JD033	● F017N3JD033	● F017N4JD033



**Optic Flood 39°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 576 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 597 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 639 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 661 lm - 4000K/CRI 80

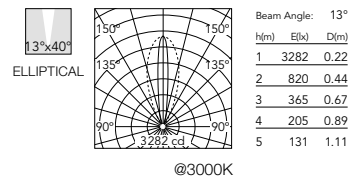
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017N1KA006	● F017N2KA006	● F017N3KA006	● F017N4KA006
● F017N1KA033	● F017N2KA033	● F017N3KA033	● F017N4KA033
1-10V	1-10V	1-10V	1-10V
● F017N1KB006	● F017N2KB006	● F017N3KB006	● F017N4KB006
● F017N1KB033	● F017N2KB033	● F017N3KB033	● F017N4KB033
Dali	Dali	Dali	Dali
● F017N1KD006	● F017N2KD006	● F017N3KD006	● F017N4KD006
● F017N1KD033	● F017N2KD033	● F017N3KD033	● F017N4KD033

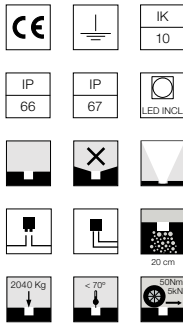
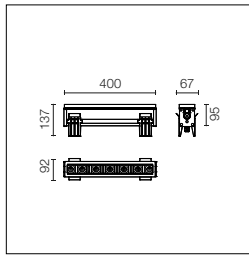


**Optic Elliptical 13° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 574 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 595 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 638 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 659 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017N1LA006	● F017N2LA006	● F017N3LA006	● F017N4LA006
● F017N1LA033	● F017N2LA033	● F017N3LA033	● F017N4LA033
1-10V	1-10V	1-10V	1-10V
● F017N1LB006	● F017N2LB006	● F017N3LB006	● F017N4LB006
● F017N1LB033	● F017N2LB033	● F017N3LB033	● F017N4LB033
Dali	Dali	Dali	Dali
● F017N1LD006	● F017N2LD006	● F017N3LD006	● F017N4LD006
● F017N1LD033	● F017N2LD033	● F017N3LD033	● F017N4LD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 334 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 346 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 371 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 383 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1QA006
- F017N1QA033
- 1-10V
- F017N1QB006
- F017N1QB033
- Dali
- F017N1QD006
- F017N1QD033

**2700K**

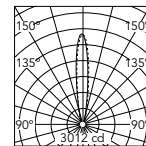
- Non Dimmable
- F017N2QA006
- F017N2QA033
- 1-10V
- F017N2QB006
- F017N2QB033
- Dali
- F017N2QD006
- F017N2QD033

**3000K**

- Non Dimmable
- F017N3QA006
- F017N3QA033
- 1-10V
- F017N3QB006
- F017N3QB033
- Dali
- F017N3QD006
- F017N3QD033

**4000K**

- Non Dimmable
- F017N4QA006
- F017N4QA033
- 1-10V
- F017N4QB006
- F017N4QB033
- Dali
- F017N4QD006
- F017N4QD033



Beam Angle: 15°			
h(m)	E(lx)	D(m)	
1	3010	0.25	
2	753	0.51	
3	334	0.76	
4	188	1.02	
5	120	1.27	

@3000K

**Optic Medium 25°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 353 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 367 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 406 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1RA006
- F017N1RA033
- 1-10V
- F017N1RB006
- F017N1RB033
- Dali
- F017N1RD006
- F017N1RD033

**2700K**

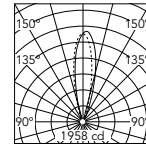
- Non Dimmable
- F017N2RA006
- F017N2RA033
- 1-10V
- F017N2RB006
- F017N2RB033
- Dali
- F017N2RD006
- F017N2RD033

**3000K**

- Non Dimmable
- F017N3RA006
- F017N3RA033
- 1-10V
- F017N3RB006
- F017N3RB033
- Dali
- F017N3RD006
- F017N3RD033

**4000K**

- Non Dimmable
- F017N4RA006
- F017N4RA033
- 1-10V
- F017N4RB006
- F017N4RB033
- Dali
- F017N4RD006
- F017N4RD033



Beam Angle: 25°			
h(m)	E(lx)	D(m)	
1	1955	0.45	
2	489	0.89	
3	217	1.34	
4	122	1.78	
5	78	2.23	

@3000K

**Optic Flood 42°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 283 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 294 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 314 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 325 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1SA006
- F017N1SA033
- 1-10V
- F017N1SB006
- F017N1SB033
- Dali
- F017N1SD006
- F017N1SD033

**2700K**

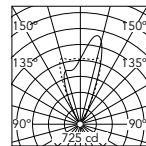
- Non Dimmable
- F017N2SA006
- F017N2SA033
- 1-10V
- F017N2SB006
- F017N2SB033
- Dali
- F017N2SD006
- F017N2SD033

**3000K**

- Non Dimmable
- F017N3SA006
- F017N3SA033
- 1-10V
- F017N3SB006
- F017N3SB033
- Dali
- F017N3SD006
- F017N3SD033

**4000K**

- Non Dimmable
- F017N4SA006
- F017N4SA033
- 1-10V
- F017N4SB006
- F017N4SB033
- Dali
- F017N4SD006
- F017N4SD033



Beam Angle: 42°			
h(m)	E(lx)	D(m)	
1	688	0.76	
2	172	1.51	
3	76	2.27	
4	43	3.03	
5	28	3.78	

@3000K

**Optic Elliptical 12° x 40°**

**Power Led:** 12,5W - LED 1304 lm ≠ OUTPUT 271 lm - 2200K/CRI 80 / 12,5W - LED 1352 lm ≠ OUTPUT 281 lm - 2700K/CRI 80 / 12,5W - LED 1449 lm ≠ OUTPUT 301 lm - 3000K/CRI 80 / 12,5W - LED 1497 lm ≠ OUTPUT 311 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017N1TA006
- F017N1TA033
- 1-10V
- F017N1TB006
- F017N1TB033
- Dali
- F017N1TD006
- F017N1TD033

**2700K**

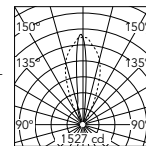
- Non Dimmable
- F017N2TA006
- F017N2TA033
- 1-10V
- F017N2TB006
- F017N2TB033
- Dali
- F017N2TD006
- F017N2TD033

**3000K**

- Non Dimmable
- F017N3TA006
- F017N3TA033
- 1-10V
- F017N3TB006
- F017N3TB033
- Dali
- F017N3TD006
- F017N3TD033

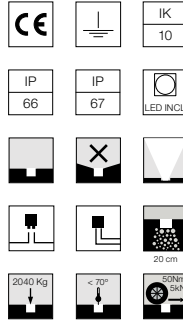
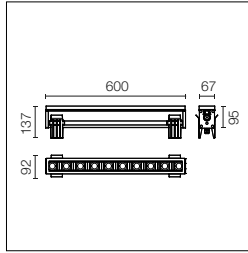
**4000K**

- Non Dimmable
- F017N4TA006
- F017N4TA033
- 1-10V
- F017N4TB006
- F017N4TB033
- Dali
- F017N4TD006
- F017N4TD033



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	1526	0.21	
2	382	0.42	
3	170	0.62	
4	95	0.83	
5	61	1.04	

@3000K



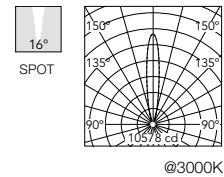
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1368 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1520 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1571 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1AA006	● F017P2AA006	● F017P3AA006	● F017P4AA006
● F017P1AA033	● F017P2AA033	● F017P3AA033	● F017P4AA033
1-10V	1-10V	1-10V	1-10V
● F017P1AB006	● F017P2AB006	● F017P3AB006	● F017P4AB006
● F017P1AB033	● F017P2AB033	● F017P3AB033	● F017P4AB033
Dali	Dali	Dali	Dali
● F017P1AD006	● F017P2AD006	● F017P3AD006	● F017P4AD006
● F017P1AD033	● F017P2AD033	● F017P3AD033	● F017P4AD033



Beam Angle: 16°

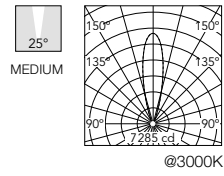
h(m)	E(ft)	D(m)
1	10578	0.27
2	2644	0.55
3	1175	0.82
4	661	1.09
5	423	1.37

@3000K

**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1473 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1527 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1636 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1691 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1BA006	● F017P2BA006	● F017P3BA006	● F017P4BA006
● F017P1BA033	● F017P2BA033	● F017P3BA033	● F017P4BA033
1-10V	1-10V	1-10V	1-10V
● F017P1BB006	● F017P2BB006	● F017P3BB006	● F017P4BB006
● F017P1BB033	● F017P2BB033	● F017P3BB033	● F017P4BB033
Dali	Dali	Dali	Dali
● F017P1BD006	● F017P2BD006	● F017P3BD006	● F017P4BD006
● F017P1BD033	● F017P2BD033	● F017P3BD033	● F017P4BD033



Beam Angle: 25°

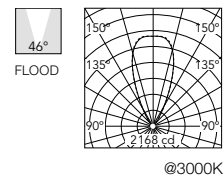
h(m)	E(ft)	D(m)
1	7285	0.44
2	1821	0.88
3	809	1.32
4	455	1.76
5	291	2.20

@3000K

**Optic Flood 46°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1283 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1330 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1425 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1473 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1CA006	● F017P2CA006	● F017P3CA006	● F017P4CA006
● F017P1CA033	● F017P2CA033	● F017P3CA033	● F017P4CA033
1-10V	1-10V	1-10V	1-10V
● F017P1CB006	● F017P2CB006	● F017P3CB006	● F017P4CB006
● F017P1CB033	● F017P2CB033	● F017P3CB033	● F017P4CB033
Dali	Dali	Dali	Dali
● F017P1CD006	● F017P2CD006	● F017P3CD006	● F017P4CD006
● F017P1CD033	● F017P2CD033	● F017P3CD033	● F017P4CD033



Beam Angle: 46°

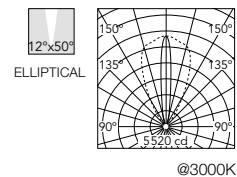
h(m)	E(ft)	D(m)
1	2158	0.85
2	539	1.71
3	240	2.56
4	135	3.42
5	86	4.27

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1286 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1334 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1429 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1477 lm - 4000K/CRI 80

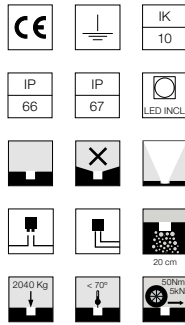
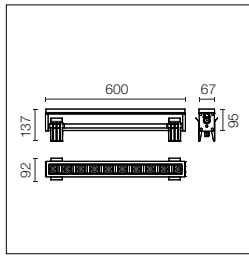
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1DA006	● F017P2DA006	● F017P3DA006	● F017P4DA006
● F017P1DA033	● F017P2DA033	● F017P3DA033	● F017P4DA033
1-10V	1-10V	1-10V	1-10V
● F017P1DB006	● F017P2DB006	● F017P3DB006	● F017P4DB006
● F017P1DB033	● F017P2DB033	● F017P3DB033	● F017P4DB033
Dali	Dali	Dali	Dali
● F017P1DD006	● F017P2DD006	● F017P3DD006	● F017P4DD006
● F017P1DD033	● F017P2DD033	● F017P3DD033	● F017P4DD033



Beam Angle: 12°

h(m)	E(ft)	D(m)
1	5519	0.22
2	1380	0.44
3	613	0.66
4	345	0.87
5	221	1.09

@3000K



Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1003 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1040 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1115 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017P1HA006
- F017P1HA033
- 1-10V
- F017P1HB006
- F017P1HB033
- Dali
- F017P1HD006
- F017P1HD033

**2700K**

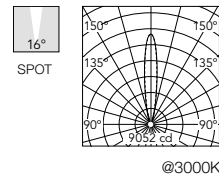
- Non Dimmable
- F017P2HA006
- F017P2HA033
- 1-10V
- F017P2HB006
- F017P2HB033
- Dali
- F017P2HD006
- F017P2HD033

**3000K**

- Non Dimmable
- F017P3HA006
- F017P3HA033
- 1-10V
- F017P3HB006
- F017P3HB033
- Dali
- F017P3HD006
- F017P3HD033

**4000K**

- Non Dimmable
- F017P4HA006
- F017P4HA033
- 1-10V
- F017P4HB006
- F017P4HB033
- Dali
- F017P4HD006
- F017P4HD033



**Optic Medium 25°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 1063 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 1102 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 1181 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 1220 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017P1JA006
- F017P1JA033
- 1-10V
- F017P1JB006
- F017P1JB033
- Dali
- F017P1JD006
- F017P1JD033

**2700K**

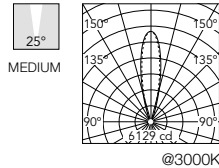
- Non Dimmable
- F017P2JA006
- F017P2JA033
- 1-10V
- F017P2JB006
- F017P2JB033
- Dali
- F017P2JD006
- F017P2JD033

**3000K**

- Non Dimmable
- F017P3JA006
- F017P3JA033
- 1-10V
- F017P3JB006
- F017P3JB033
- Dali
- F017P3JD006
- F017P3JD033

**4000K**

- Non Dimmable
- F017P4JA006
- F017P4JA033
- 1-10V
- F017P4JB006
- F017P4JB033
- Dali
- F017P4JD006
- F017P4JD033



**Optic Flood 39°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 944 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017P1KA006
- F017P1KA033
- 1-10V
- F017P1KB006
- F017P1KB033
- Dali
- F017P1KD006
- F017P1KD033

**2700K**

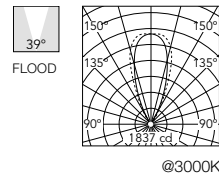
- Non Dimmable
- F017P2KA006
- F017P2KA033
- 1-10V
- F017P2KB006
- F017P2KB033
- Dali
- F017P2KD006
- F017P2KD033

**3000K**

- Non Dimmable
- F017P3KA006
- F017P3KA033
- 1-10V
- F017P3KB006
- F017P3KB033
- Dali
- F017P3KD006
- F017P3KD033

**4000K**

- Non Dimmable
- F017P4KA006
- F017P4KA033
- 1-10V
- F017P4KB006
- F017P4KB033
- Dali
- F017P4KD006
- F017P4KD033



**Optic Elliptical 13° x 40°**

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 820 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 850 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 911 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 941 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017P1LA006
- F017P1LA033
- 1-10V
- F017P1LB006
- F017P1LB033
- Dali
- F017P1LD006
- F017P1LD033

**2700K**

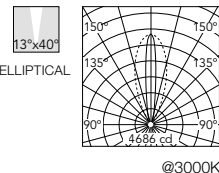
- Non Dimmable
- F017P2LA006
- F017P2LA033
- 1-10V
- F017P2LB006
- F017P2LB033
- Dali
- F017P2LD006
- F017P2LD033

**3000K**

- Non Dimmable
- F017P3LA006
- F017P3LA033
- 1-10V
- F017P3LB006
- F017P3LB033
- Dali
- F017P3LD006
- F017P3LD033

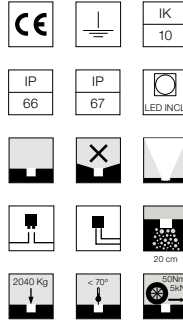
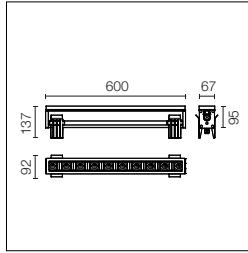
**4000K**

- Non Dimmable
- F017P4LA006
- F017P4LA033
- 1-10V
- F017P4LB006
- F017P4LB033
- Dali
- F017P4LD006
- F017P4LD033





# Ingraze Adjustable Frameless + Asymmetric Louvre L 600



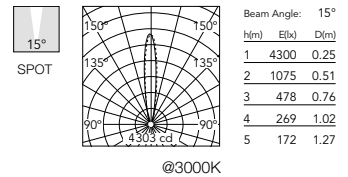
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

## Optic Spot 15°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 477 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 495 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 530 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 548 lm - 4000K/CRI 80

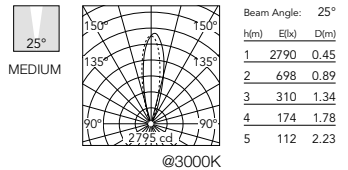
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1QA006	● F017P2QA006	● F017P3QA006	● F017P4QA006
● F017P1QA033	● F017P2QA033	● F017P3QA033	● F017P4QA033
1-10V	1-10V	1-10V	1-10V
● F017P1QB006	● F017P2QB006	● F017P3QB006	● F017P4QB006
● F017P1QB033	● F017P2QB033	● F017P3QB033	● F017P4QB033
Dali	Dali	Dali	Dali
● F017P1QD006	● F017P2QD006	● F017P3QD006	● F017P4QD006
● F017P1QD033	● F017P2QD033	● F017P3QD033	● F017P4QD033



## Optic Medium 25°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 505 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 523 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 561 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 579 lm - 4000K/CRI 80

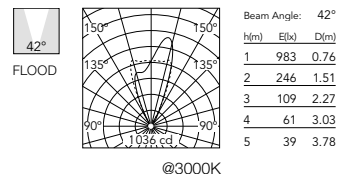
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1RA006	● F017P2RA006	● F017P3RA006	● F017P4RA006
● F017P1RA033	● F017P2RA033	● F017P3RA033	● F017P4RA033
1-10V	1-10V	1-10V	1-10V
● F017P1RB006	● F017P2RB006	● F017P3RB006	● F017P4RB006
● F017P1RB033	● F017P2RB033	● F017P3RB033	● F017P4RB033
Dali	Dali	Dali	Dali
● F017P1RD006	● F017P2RD006	● F017P3RD006	● F017P4RD006
● F017P1RD033	● F017P2RD033	● F017P3RD033	● F017P4RD033



## Optic Flood 42°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 404 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 419 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 449 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 464 lm - 4000K/CRI 80

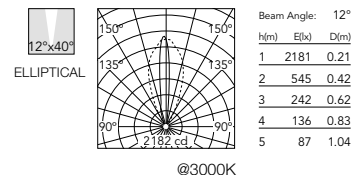
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1SA006	● F017P2SA006	● F017P3SA006	● F017P4SA006
● F017P1SA033	● F017P2SA033	● F017P3SA033	● F017P4SA033
1-10V	1-10V	1-10V	1-10V
● F017P1SB006	● F017P2SB006	● F017P3SB006	● F017P4SB006
● F017P1SB033	● F017P2SB033	● F017P3SB033	● F017P4SB033
Dali	Dali	Dali	Dali
● F017P1SD006	● F017P2SD006	● F017P3SD006	● F017P4SD006
● F017P1SD033	● F017P2SD033	● F017P3SD033	● F017P4SD033

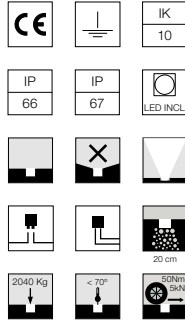
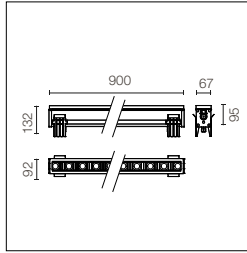


## Optic Elliptical 12° x 40°

**Power Led:** 17W - LED 1863 lm ≠ OUTPUT 387 lm - 2200K/CRI 80 / 17W - LED 1932 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 / 17W - LED 2070 lm ≠ OUTPUT 430 lm - 3000K/CRI 80 / 17W - LED 2139 lm ≠ OUTPUT 444 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017P1TA006	● F017P2TA006	● F017P3TA006	● F017P4TA006
● F017P1TA033	● F017P2TA033	● F017P3TA033	● F017P4TA033
1-10V	1-10V	1-10V	1-10V
● F017P1TB006	● F017P2TB006	● F017P3TB006	● F017P4TB006
● F017P1TB033	● F017P2TB033	● F017P3TB033	● F017P4TB033
Dali	Dali	Dali	Dali
● F017P1TD006	● F017P2TD006	● F017P3TD006	● F017P4TD006
● F017P1TD033	● F017P2TD033	● F017P3TD033	● F017P4TD033





Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali.  
Die Schaltung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2052 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2128 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2280 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017Q1AA006
- F017Q1AA033
- 1-10V
- F017Q1AB006
- F017Q1AB033
- Dali
- F017Q1AD006
- F017Q1AD033

**2700K**

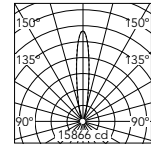
- Non Dimmable
- F017Q2AA006
- F017Q2AA033
- 1-10V
- F017Q2AB006
- F017Q2AB033
- Dali
- F017Q2AD006
- F017Q2AD033

**3000K**

- Non Dimmable
- F017Q3AA006
- F017Q3AA033
- 1-10V
- F017Q3AB006
- F017Q3AB033
- Dali
- F017Q3AD006
- F017Q3AD033

**4000K**

- Non Dimmable
- F017Q4AA006
- F017Q4AA033
- 1-10V
- F017Q4AB006
- F017Q4AB033
- Dali
- F017Q4AD006
- F017Q4AD033



Beam Angle: 16°			
h(m)	E(lx)	D(m)	
1	15866	0.27	
2	3967	0.55	
3	1763	0.82	
4	992	1.09	
5	635	1.37	

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 2209 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2291 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2454 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2536 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017Q1BA006
- F017Q1BA033
- 1-10V
- F017Q1BB006
- F017Q1BB033
- Dali
- F017Q1BD006
- F017Q1BD033

**2700K**

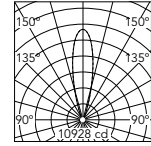
- Non Dimmable
- F017Q2BA006
- F017Q2BA033
- 1-10V
- F017Q2BB006
- F017Q2BB033
- Dali
- F017Q2BD006
- F017Q2BD033

**3000K**

- Non Dimmable
- F017Q3BA006
- F017Q3BA033
- 1-10V
- F017Q3BB006
- F017Q3BB033
- Dali
- F017Q3BD006
- F017Q3BD033

**4000K**

- Non Dimmable
- F017Q4BA006
- F017Q4BA033
- 1-10V
- F017Q4BB006
- F017Q4BB033
- Dali
- F017Q4BD006
- F017Q4BD033



Beam Angle: 25°			
h(m)	E(lx)	D(m)	
1	10928	0.44	
2	2732	0.88	
3	1214	1.32	
4	683	1.76	
5	437	2.20	

@3000K

**Optic Flood 46°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1924 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1995 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2138 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2209 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017Q1CA006
- F017Q1CA033
- 1-10V
- F017Q1CB006
- F017Q1CB033
- Dali
- F017Q1CD006
- F017Q1CD033

**2700K**

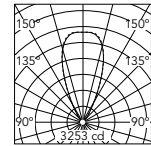
- Non Dimmable
- F017Q2CA006
- F017Q2CA033
- 1-10V
- F017Q2CB006
- F017Q2CB033
- Dali
- F017Q2CD006
- F017Q2CD033

**3000K**

- Non Dimmable
- F017Q3CA006
- F017Q3CA033
- 1-10V
- F017Q3CB006
- F017Q3CB033
- Dali
- F017Q3CD006
- F017Q3CD033

**4000K**

- Non Dimmable
- F017Q4CA006
- F017Q4CA033
- 1-10V
- F017Q4CB006
- F017Q4CB033
- Dali
- F017Q4CD006
- F017Q4CD033



Beam Angle: 46°			
h(m)	E(lx)	D(m)	
1	3238	0.85	
2	809	1.71	
3	360	2.56	
4	202	3.42	
5	130	4.27	

@3000K

**Optic Elliptical 12° x 50°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1929 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 2001 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 2144 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 2215 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017Q1DA006
- F017Q1DA033
- 1-10V
- F017Q1DB006
- F017Q1DB033
- Dali
- F017Q1DD006
- F017Q1DD033

**2700K**

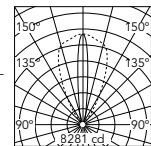
- Non Dimmable
- F017Q2DA006
- F017Q2DA033
- 1-10V
- F017Q2DB006
- F017Q2DB033
- Dali
- F017Q2DD006
- F017Q2DD033

**3000K**

- Non Dimmable
- F017Q3DA006
- F017Q3DA033
- 1-10V
- F017Q3DB006
- F017Q3DB033
- Dali
- F017Q3DD006
- F017Q3DD033

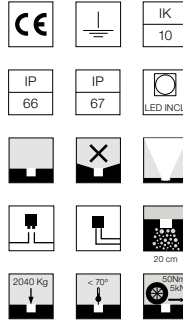
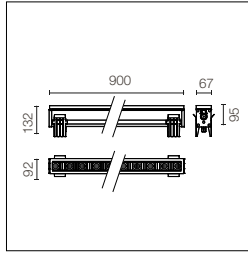
**4000K**

- Non Dimmable
- F017Q4DA006
- F017Q4DA033
- 1-10V
- F017Q4DB006
- F017Q4DB033
- Dali
- F017Q4DD006
- F017Q4DD033



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	8280	0.22	
2	2070	0.44	
3	920	0.66	
4	517	0.87	
5	331	1.09	

@3000K



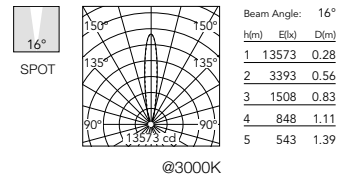
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1505 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1560 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1672 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1728 lm - 4000K/CRI 80

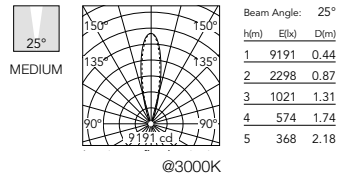
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017Q1HA006	● F017Q2HA006	● F017Q3HA006	● F017Q4HA006
● F017Q1HA033	● F017Q2HA033	● F017Q3HA033	● F017Q4HA033
1-10V	1-10V	1-10V	1-10V
● F017Q1HB006	● F017Q2HB006	● F017Q3HB006	● F017Q4HB006
● F017Q1HB033	● F017Q2HB033	● F017Q3HB033	● F017Q4HB033
Dali	Dali	Dali	Dali
● F017Q1HD006	● F017Q2HD006	● F017Q3HD006	● F017Q4HD006
● F017Q1HD033	● F017Q2HD033	● F017Q3HD033	● F017Q4HD033



**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1594 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1653 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1771 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1830 lm - 4000K/CRI 80

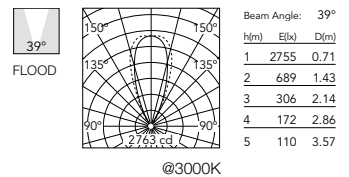
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017Q1JA006	● F017Q2JA006	● F017Q3JA006	● F017Q4JA006
● F017Q1JA033	● F017Q2JA033	● F017Q3JA033	● F017Q4JA033
1-10V	1-10V	1-10V	1-10V
● F017Q1JB006	● F017Q2JB006	● F017Q3JB006	● F017Q4JB006
● F017Q1JB033	● F017Q2JB033	● F017Q3JB033	● F017Q4JB033
Dali	Dali	Dali	Dali
● F017Q1JD006	● F017Q2JD006	● F017Q3JD006	● F017Q4JD006
● F017Q1JD033	● F017Q2JD033	● F017Q3JD033	● F017Q4JD033



**Optic Flood 39°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1233 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1278 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1370 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1415 lm - 4000K/CRI 80

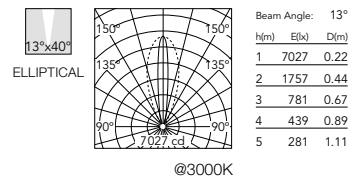
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017Q1KA006	● F017Q2KA006	● F017Q3KA006	● F017Q4KA006
● F017Q1KA033	● F017Q2KA033	● F017Q3KA033	● F017Q4KA033
1-10V	1-10V	1-10V	1-10V
● F017Q1KB006	● F017Q2KB006	● F017Q3KB006	● F017Q4KB006
● F017Q1KB033	● F017Q2KB033	● F017Q3KB033	● F017Q4KB033
Dali	Dali	Dali	Dali
● F017Q1KD006	● F017Q2KD006	● F017Q3KD006	● F017Q4KD006
● F017Q1KD033	● F017Q2KD033	● F017Q3KD033	● F017Q4KD033

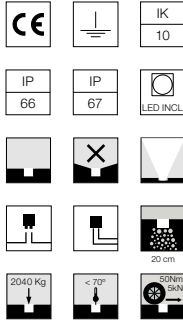
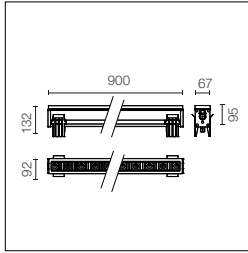


**Optic Elliptical 13° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 1229 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 1275 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 1366 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 1411 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017Q1LA006	● F017Q2LA006	● F017Q3LA006	● F017Q4LA006
● F017Q1LA033	● F017Q2LA033	● F017Q3LA033	● F017Q4LA033
1-10V	1-10V	1-10V	1-10V
● F017Q1LB006	● F017Q2LB006	● F017Q3LB006	● F017Q4LB006
● F017Q1LB033	● F017Q2LB033	● F017Q3LB033	● F017Q4LB033
Dali	Dali	Dali	Dali
● F017Q1LD006	● F017Q2LD006	● F017Q3LD006	● F017Q4LD006
● F017Q1LD033	● F017Q2LD033	● F017Q3LD033	● F017Q4LD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 715 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 742 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 795 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 821 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017Q1QA006
- F017Q1QA033
- 1-10V
- F017Q1QB006
- F017Q1QB033
- Dali
- F017Q1QD006
- F017Q1QD033

**2700K**

Non Dimmable

- F017Q2QA006
- F017Q2QA033
- 1-10V
- F017Q2QB006
- F017Q2QB033
- Dali
- F017Q2QD006
- F017Q2QD033

**3000K**

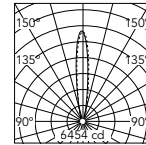
Non Dimmable

- F017Q3QA006
- F017Q3QA033
- 1-10V
- F017Q3QB006
- F017Q3QB033
- Dali
- F017Q3QD006
- F017Q3QD033

**4000K**

Non Dimmable

- F017Q4QA006
- F017Q4QA033
- 1-10V
- F017Q4QB006
- F017Q4QB033
- Dali
- F017Q4QD006
- F017Q4QD033



Beam Angle: 15°

h(m)	E(lx)	Dxm
1	6451	0.25
2	1613	0.51
3	717	0.76
4	403	1.02
5	258	1.27

@3000K

**Optic Medium 25°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 757 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 785 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 841 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 869 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017Q1RA006
- F017Q1RA033
- 1-10V
- F017Q1RB006
- F017Q1RB033
- Dali
- F017Q1RD006
- F017Q1RD033

**2700K**

Non Dimmable

- F017Q2RA006
- F017Q2RA033
- 1-10V
- F017Q2RB006
- F017Q2RB033
- Dali
- F017Q2RD006
- F017Q2RD033

**3000K**

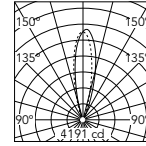
Non Dimmable

- F017Q3RA006
- F017Q3RA033
- 1-10V
- F017Q3RB006
- F017Q3RB033
- Dali
- F017Q3RD006
- F017Q3RD033

**4000K**

Non Dimmable

- F017Q4RA006
- F017Q4RA033
- 1-10V
- F017Q4RB006
- F017Q4RB033
- Dali
- F017Q4RD006
- F017Q4RD033



Beam Angle: 25°

h(m)	E(lx)	Dxm
1	4183	0.45
2	1046	0.89
3	465	1.34
4	261	1.78
5	167	2.23

@3000K

**Optic Flood 42°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 606 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 628 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 673 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 696 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017Q1SA006
- F017Q1SA033
- 1-10V
- F017Q1SB006
- F017Q1SB033
- Dali
- F017Q1SD006
- F017Q1SD033

**2700K**

Non Dimmable

- F017Q2SA006
- F017Q2SA033
- 1-10V
- F017Q2SB006
- F017Q2SB033
- Dali
- F017Q2SD006
- F017Q2SD033

**3000K**

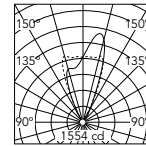
Non Dimmable

- F017Q3SA006
- F017Q3SA033
- 1-10V
- F017Q3SB006
- F017Q3SB033
- Dali
- F017Q3SD006
- F017Q3SD033

**4000K**

Non Dimmable

- F017Q4SA006
- F017Q4SA033
- 1-10V
- F017Q4SB006
- F017Q4SB033
- Dali
- F017Q4SD006
- F017Q4SD033



Beam Angle: 42°

h(m)	E(lx)	Dxm
1	1474	0.76
2	368	1.51
3	164	2.27
4	92	3.03
5	59	3.78

@3000K

**Optic Elliptical 12° x 40°**

**Power Led:** 26W - LED 2795 lm ≠ OUTPUT 580 lm - 2200K/CRI 80 / 26W - LED 2898 lm ≠ OUTPUT 602 lm - 2700K/CRI 80 / 26W - LED 3105 lm ≠ OUTPUT 645 lm - 3000K/CRI 80 / 26W - LED 3209 lm ≠ OUTPUT 666 lm - 4000K/CRI 80

**2200K**

Non Dimmable

- F017Q1TA006
- F017Q1TA033
- 1-10V
- F017Q1TB006
- F017Q1TB033
- Dali
- F017Q1TD006
- F017Q1TD033

**2700K**

Non Dimmable

- F017Q2TA006
- F017Q2TA033
- 1-10V
- F017Q2TB006
- F017Q2TB033
- Dali
- F017Q2TD006
- F017Q2TD033

**3000K**

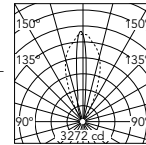
Non Dimmable

- F017Q3TA006
- F017Q3TA033
- 1-10V
- F017Q3TB006
- F017Q3TB033
- Dali
- F017Q3TD006
- F017Q3TD033

**4000K**

Non Dimmable

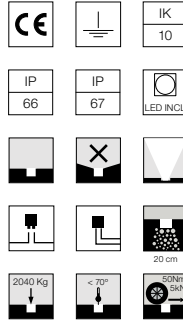
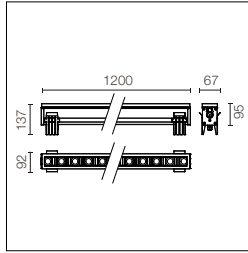
- F017Q4TA006
- F017Q4TA033
- 1-10V
- F017Q4TB006
- F017Q4TB033
- Dali
- F017Q4TD006
- F017Q4TD033



Beam Angle: 12°

h(m)	E(lx)	Dxm
1	3271	0.21
2	818	0.42
3	363	0.62
4	204	0.83
5	131	1.04

@3000K



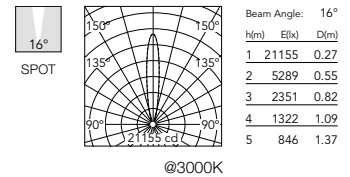
Hochleistungs-LED-Quelle und zurückgesetzte Optik im Lieferumfang enthalten. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses. 1-10V or DALI on-off and dimmable 220-240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2736 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2837 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3040 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3141 lm - 4000K/CRI 80

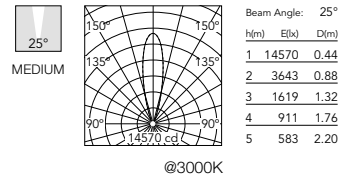
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1AA006	● F017R2AA006	● F017R3AA006	● F017R4AA006
● F017R1AA033	● F017R2AA033	● F017R3AA033	● F017R4AA033
1-10V	1-10V	1-10V	1-10V
● F017R1AB006	● F017R2AB006	● F017R3AB006	● F017R4AB006
● F017R1AB033	● F017R2AB033	● F017R3AB033	● F017R4AB033
Dali	Dali	Dali	Dali
● F017R1AD006	● F017R2AD006	● F017R3AD006	● F017R4AD006
● F017R1AD033	● F017R2AD033	● F017R3AD033	● F017R4AD033



**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2945 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 3054 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 3272 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 3381 lm - 4000K/CRI 80

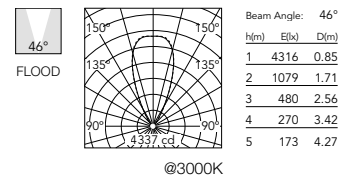
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1BA006	● F017R2BA006	● F017R3BA006	● F017R4BA006
● F017R1BA033	● F017R2BA033	● F017R3BA033	● F017R4BA033
1-10V	1-10V	1-10V	1-10V
● F017R1BB006	● F017R2BB006	● F017R3BB006	● F017R4BB006
● F017R1BB033	● F017R2BB033	● F017R3BB033	● F017R4BB033
Dali	Dali	Dali	Dali
● F017R1BD006	● F017R2BD006	● F017R3BD006	● F017R4BD006
● F017R1BD033	● F017R2BD033	● F017R3BD033	● F017R4BD033



**Optic Flood 46°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2565 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2660 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2850 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2945 lm - 4000K/CRI 80

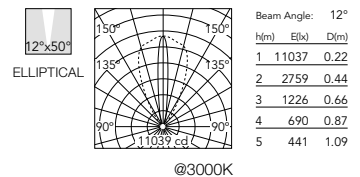
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1CA006	● F017R2CA006	● F017R3CA006	● F017R4CA006
● F017R1CA033	● F017R2CA033	● F017R3CA033	● F017R4CA033
1-10V	1-10V	1-10V	1-10V
● F017R1CB006	● F017R2CB006	● F017R3CB006	● F017R4CB006
● F017R1CB033	● F017R2CB033	● F017R3CB033	● F017R4CB033
Dali	Dali	Dali	Dali
● F017R1CD006	● F017R2CD006	● F017R3CD006	● F017R4CD006
● F017R1CD033	● F017R2CD033	● F017R3CD033	● F017R4CD033

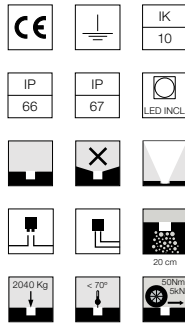
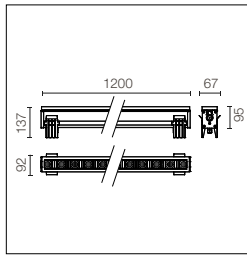


**Optic Elliptical 12° x 50°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2572 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2668 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2858 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2953 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1DA006	● F017R2DA006	● F017R3DA006	● F017R4DA006
● F017R1DA033	● F017R2DA033	● F017R3DA033	● F017R4DA033
1-10V	1-10V	1-10V	1-10V
● F017R1DB006	● F017R2DB006	● F017R3DB006	● F017R4DB006
● F017R1DB033	● F017R2DB033	● F017R3DB033	● F017R4DB033
Dali	Dali	Dali	Dali
● F017R1DD006	● F017R2DD006	● F017R3DD006	● F017R4DD006
● F017R1DD033	● F017R2DD033	● F017R3DD033	● F017R4DD033





Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit Blendschutzlamellen versehen. Stromversorgung 220-240 V, ein-/ausschaltbar und dimmbar mit 1-10 V und Dali.  
Die Schalung für den obligatorischen Einbau muss separat bestellt werden.  
Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten.  
ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare diffuser grille. 1-10V or DALI on-off and dimmable 220-240V power supply.  
Compulsory installation box to be ordered separately.  
Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included.  
ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 16°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2006 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2080 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2229 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2303 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017R1HA006
  - F017R1HA033
  - 1-10V
  - F017R1HB006
  - F017R1HB033
  - Dali
  - F017R1HD006
  - F017R1HD033

**2700K**

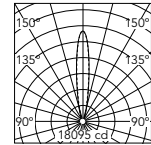
- Non Dimmable
- F017R2HA006
  - F017R2HA033
  - 1-10V
  - F017R2HB006
  - F017R2HB033
  - Dali
  - F017R2HD006
  - F017R2HD033

**3000K**

- Non Dimmable
- F017R3HA006
  - F017R3HA033
  - 1-10V
  - F017R3HB006
  - F017R3HB033
  - Dali
  - F017R3HD006
  - F017R3HD033

**4000K**

- Non Dimmable
- F017R4HA006
  - F017R4HA033
  - 1-10V
  - F017R4HB006
  - F017R4HB033
  - Dali
  - F017R4HD006
  - F017R4HD033



Beam Angle: 16°

h(m)	E(lx)	Dxm
1	18095	0.28
2	4524	0.56
3	2011	0.83
4	1131	1.11
5	724	1.39

**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 2125 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 2203 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 2361 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 2439 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017R1JA006
  - F017R1JA033
  - 1-10V
  - F017R1JB006
  - F017R1JB033
  - Dali
  - F017R1JD006
  - F017R1JD033

**2700K**

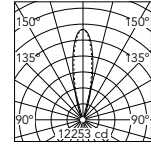
- Non Dimmable
- F017R2JA006
  - F017R2JA033
  - 1-10V
  - F017R2JB006
  - F017R2JB033
  - Dali
  - F017R2JD006
  - F017R2JD033

**3000K**

- Non Dimmable
- F017R3JA006
  - F017R3JA033
  - 1-10V
  - F017R3JB006
  - F017R3JB033
  - Dali
  - F017R3JD006
  - F017R3JD033

**4000K**

- Non Dimmable
- F017R4JA006
  - F017R4JA033
  - 1-10V
  - F017R4JB006
  - F017R4JB033
  - Dali
  - F017R4JD006
  - F017R4JD033



Beam Angle: 25°

h(m)	E(lx)	Dxm
1	12253	0.44
2	3063	0.87
3	1361	1.31
4	766	1.74
5	490	2.18

**Optic Flood 39°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1643 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1704 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1826 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1887 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017R1KA006
  - F017R1KA033
  - 1-10V
  - F017R1KB006
  - F017R1KB033
  - Dali
  - F017R1KD006
  - F017R1KD033

**2700K**

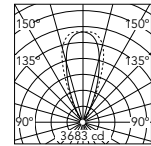
- Non Dimmable
- F017R2KA006
  - F017R2KA033
  - 1-10V
  - F017R2KB006
  - F017R2KB033
  - Dali
  - F017R2KD006
  - F017R2KD033

**3000K**

- Non Dimmable
- F017R3KA006
  - F017R3KA033
  - 1-10V
  - F017R3KB006
  - F017R3KB033
  - Dali
  - F017R3KD006
  - F017R3KD033

**4000K**

- Non Dimmable
- F017R4KA006
  - F017R4KA033
  - 1-10V
  - F017R4KB006
  - F017R4KB033
  - Dali
  - F017R4KD006
  - F017R4KD033



Beam Angle: 39°

h(m)	E(lx)	Dxm
1	3672	0.71
2	918	1.43
3	408	2.14
4	230	2.86
5	147	3.57

**Optic Elliptical 13° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1639 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1700 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1821 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1882 lm - 4000K/CRI 80

**2200K**

- Non Dimmable
- F017R1LA006
  - F017R1LA033
  - 1-10V
  - F017R1LB006
  - F017R1LB033
  - Dali
  - F017R1LD006
  - F017R1LD033

**2700K**

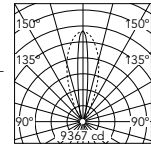
- Non Dimmable
- F017R2LA006
  - F017R2LA033
  - 1-10V
  - F017R2LB006
  - F017R2LB033
  - Dali
  - F017R2LD006
  - F017R2LD033

**3000K**

- Non Dimmable
- F017R3LA006
  - F017R3LA033
  - 1-10V
  - F017R3LB006
  - F017R3LB033
  - Dali
  - F017R3LD006
  - F017R3LD033

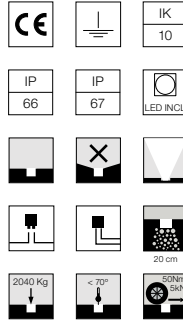
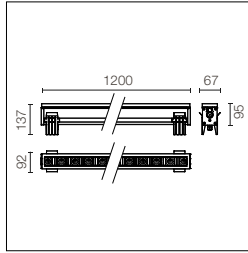
**4000K**

- Non Dimmable
- F017R4LA006
  - F017R4LA033
  - 1-10V
  - F017R4LB006
  - F017R4LB033
  - Dali
  - F017R4LD006
  - F017R4LD033



Beam Angle: 13°

h(m)	E(lx)	Dxm
1	9367	0.22
2	2342	0.44
3	1041	0.67
4	585	0.89
5	375	1.11



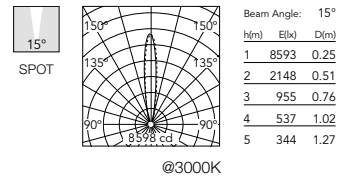
Hochleistungs-LED-Quelle im Lieferumfang enthalten und hintere Optik mit asymmetrischen Blendschutzlamellen versehen. Stromversorgung 220–240 V, ein-/ausschaltbar und dimmbar mit 1–10 V und Dali. Die Schalung für den obligatorischen Einbau muss separat bestellt werden. Vorverkabelung mit wasserdichten Buchsen-/Stecker-Schnellanschlüssen im Lieferumfang enthalten. ACT (Anti Corrosion Treatment) auf Anfrage.

High-power LED source included and rear lenses equipped with anti-glare asymmetrical diffuser grille. 1-10V or DALI on-off and dimmable 220–240V power supply. Compulsory installation box to be ordered separately. Pre-wired with H<sub>2</sub>O Stop quick connectors, plug/socket included. ACT (Anti-Corrosion Treatment) upon request.

**Optic Spot 15°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 954 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 989 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1059 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1095 lm - 4000K/CRI 80

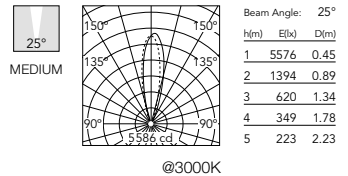
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1QA006	● F017R2QA006	● F017R3QA006	● F017R4QA006
● F017R1QA033	● F017R2QA033	● F017R3QA033	● F017R4QA033
1-10V	1-10V	1-10V	1-10V
● F017R1QB006	● F017R2QB006	● F017R3QB006	● F017R4QB006
● F017R1QB033	● F017R2QB033	● F017R3QB033	● F017R4QB033
Dali	Dali	Dali	Dali
● F017R1QD006	● F017R2QD006	● F017R3QD006	● F017R4QD006
● F017R1QD033	● F017R2QD033	● F017R3QD033	● F017R4QD033



**Optic Medium 25°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 1009 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 1046 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 1121 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 1158 lm - 4000K/CRI 80

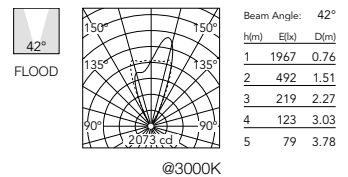
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1RA006	● F017R2RA006	● F017R3RA006	● F017R4RA006
● F017R1RA033	● F017R2RA033	● F017R3RA033	● F017R4RA033
1-10V	1-10V	1-10V	1-10V
● F017R1RB006	● F017R2RB006	● F017R3RB006	● F017R4RB006
● F017R1RB033	● F017R2RB033	● F017R3RB033	● F017R4RB033
Dali	Dali	Dali	Dali
● F017R1RD006	● F017R2RD006	● F017R3RD006	● F017R4RD006
● F017R1RD033	● F017R2RD033	● F017R3RD033	● F017R4RD033



**Optic Flood 42°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 808 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 838 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 898 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 928 lm - 4000K/CRI 80

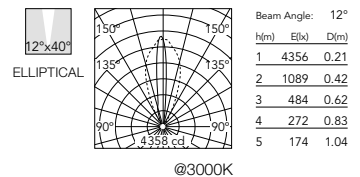
2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1SA006	● F017R2SA006	● F017R3SA006	● F017R4SA006
● F017R1SA033	● F017R2SA033	● F017R3SA033	● F017R4SA033
1-10V	1-10V	1-10V	1-10V
● F017R1SB006	● F017R2SB006	● F017R3SB006	● F017R4SB006
● F017R1SB033	● F017R2SB033	● F017R3SB033	● F017R4SB033
Dali	Dali	Dali	Dali
● F017R1SD006	● F017R2SD006	● F017R3SD006	● F017R4SD006
● F017R1SD033	● F017R2SD033	● F017R3SD033	● F017R4SD033



**Optic Elliptical 12° x 40°**

**Power Led:** 33,5W - LED 3726 lm ≠ OUTPUT 773 lm - 2200K/CRI 80 / 33,5W - LED 3864 lm ≠ OUTPUT 802 lm - 2700K/CRI 80 / 33,5W - LED 4140 lm ≠ OUTPUT 859 lm - 3000K/CRI 80 / 33,5W - LED 4278 lm ≠ OUTPUT 888 lm - 4000K/CRI 80

2200K	2700K	3000K	4000K
Non Dimmable	Non Dimmable	Non Dimmable	Non Dimmable
● F017R1TA006	● F017R2TA006	● F017R3TA006	● F017R4TA006
● F017R1TA033	● F017R2TA033	● F017R3TA033	● F017R4TA033
1-10V	1-10V	1-10V	1-10V
● F017R1TB006	● F017R2TB006	● F017R3TB006	● F017R4TB006
● F017R1TB033	● F017R2TB033	● F017R3TB033	● F017R4TB033
Dali	Dali	Dali	Dali
● F017R1TD006	● F017R2TD006	● F017R3TD006	● F017R4TD006
● F017R1TD033	● F017R2TD033	● F017R3TD033	● F017R4TD033

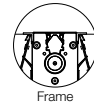


## Ingraze: Accessori / Accessories

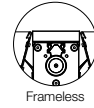
Schalung mit/ohne Rahmen zur Einzelmontage.

Framed/frameless installation box for single installations.

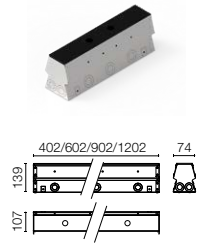
L 400  
F017Z110000  
L 600  
F017Z120000  
L 900  
F017Z130000  
L 1200  
F017Z140000



Frame



Frameless



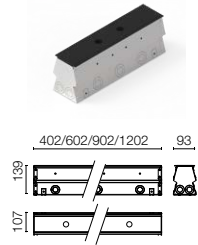
Schalung mit/ohne Rahmen für die bündige Einzelmontage.

Framed installation box for single flush installations.

L 400  
F017Z010000  
L 600  
F017Z020000  
L 900  
F017Z030000  
L 1200  
F017Z040000



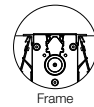
Frame Flush



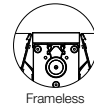
Schalung mit/ohne Rahmen mit Diebstahlschutz zur Einzelmontage.

Framed/frameless anti-theft installation box for single installations.

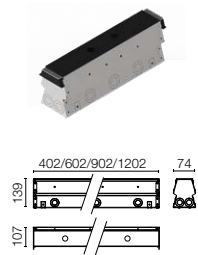
L 400  
F017Z710000  
L 600  
F017Z720000  
L 900  
F017Z730000  
L 1200  
F017Z740000



Frame



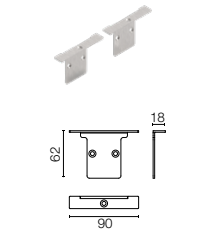
Frameless



Diebstahlsicheres Halterungsset mit Rahmen.

Framed anti-theft bracket kit.

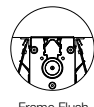
● F017Z550006  
● F017Z550033



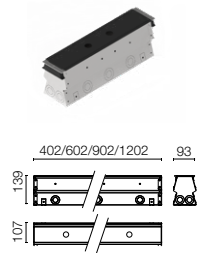
Schalung mit/ohne Rahmen mit Diebstahlschutz für die bündige Einzelmontage.

Complete framed anti-theft installation box for single flush installations.

L 400  
F017Z610000  
L 600  
F017Z620000  
L 900  
F017Z630000  
L 1200  
F017Z640000



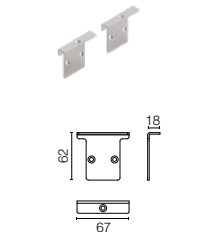
Frame Flush



Diebstahlsicheres Halterungsset ohne Rahmen.

Frameless anti-theft bracket kit.

● F017Z560006  
● F017Z560033







Ingraze Frameless

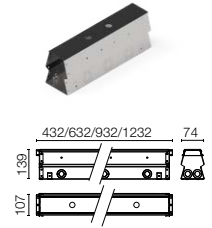
Ingraze Frame

Ingraze Frame Flush

## Ingraze: Zubehör / Accessories

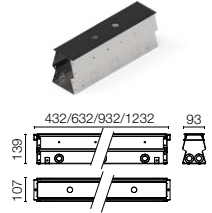
Durchgehendes Reihenmodul mit/ohne Rahmen. Framed/frameless continuous line module.

L 400  
F017Z211000  
L 600  
F017Z221000  
L 900  
F017Z231000  
L 1200  
F017Z241000



Bündiges durchgehendes Reihenmodul mit/ohne Rahmen. Framed flush continuous line module.

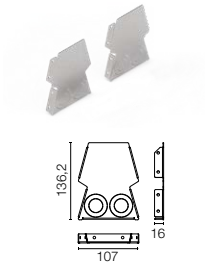
L 400  
F017Z210000  
L 600  
F017Z220000  
L 900  
F017Z230000  
L 1200  
F017Z240000



Standard-Verschlusskappensatz. Standard end-plate cover kit.

Standard end-plate cover kit.

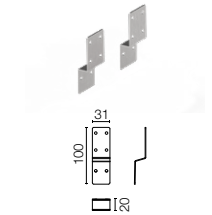
F017Z490000



Standard-Verbindungsplattensatz. Standard connecting plate kit.

Standard connecting plate kit.

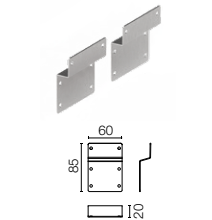
F017Z530000



Standard-Verbindungsplattensatz mit Diebstahlschutz. Anti-theft connecting plate kit.

Anti-theft connecting plate kit.

F017Z531000



## Ingraze: Zubehör / Accessories

Verbindungssystem, IP68, 2-Wege-H <sub>2</sub> O-Antikondensat, 4-polig.	2 way terminal block 4 poles IP68 H <sub>2</sub> O Stop.	F990C00A000	 
Verbindungssystem, IP68, 3/4-Wege-H <sub>2</sub> O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C010000	 
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000	 
5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000	 
Satz mit 4-poliger freiliegender Buchse und Stecker EU IP68.	4-pin connector kit with detachable socket + IP68 EU plug.	F990C081000	 
Satz mit 5-poliger freiliegender Buchse mit Adapter und EU-Stecker.	5-pin connector kit with detachable socket and reducer + EU cap	F990C082000	
Satz mit 4-poliger freiliegender Buchse mit Adapter und EU-Stecker.	4-pin connector kit with detachable socket and reducer + EU cap	F990C083000	

# Outgraze

Designed by Flos Outdoor



Outgraze





## Familie / Family

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### Outgraze 35 L 300



#### Power Led

7W  
517 lm - 2700K/CRI 80  
536 lm - 3000K/CRI 80  
554 lm - 4000K/CRI 80

#### Easy Mid - Power Led

4,5W  
190 lm - 2700K/CRI 80  
207 lm - 3000K/CRI 80  
223 lm - 4000K/CRI 80

#### Easy Tunable White Mid - Power Led

4,5W  
95÷120 lm - 2700K÷5700K/CRI 80

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### Outgraze 35 L 600



#### Power Led

12W  
1034 lm - 2700K/CRI 80  
1071 lm - 3000K/CRI 80  
1108 lm - 4000K/CRI 80

#### Easy Mid - Power Led

9W  
381 lm - 2700K/CRI 80  
414 lm - 3000K/CRI 80  
447 lm - 4000K/CRI 80

#### Easy Tunable White Mid - Power Led

9W  
190÷240 lm - 2700K÷5700K/CRI 80

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### Outgraze 35 L 900



#### Power Led

18W  
1551 lm - 2700K/CRI 80  
1807 lm - 3000K/CRI 80  
1662 lm - 4000K/CRI 80

#### Easy Mid - Power Led

13W  
571 lm - 2700K/CRI 80  
621 lm - 3000K/CRI 80  
670 lm - 4000K/CRI 80

#### Easy Tunable White Mid - Power Led

13W  
285÷360 lm - 2700K÷5700K/CRI 80

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### Outgraze 35 L 1200



#### Power Led

23W  
2089 lm - 2700K/CRI 80  
2142 lm - 3000K/CRI 80  
2216 lm - 4000K/CRI 80

#### Easy Mid - Power Led

17,5W  
761 lm - 2700K/CRI 80  
827 lm - 3000K/CRI 80  
894 lm - 4000K/CRI 80

#### Easy Tunable White Mid - Power Led

17,5W  
381÷480 lm - 2700K÷5700K/CRI 80



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Outgraze 50 L 300



**Power Led**

8W  
685 lm - 2700K/CRI 80  
709 lm - 3000K/CRI 80  
734 lm - 4000K/CRI 80

**Easy Mid - Power Led**

8W  
310 lm - 2700K/CRI 80  
337 lm - 3000K/CRI 80  
364 lm - 4000K/CRI 80

**Easy Tunable White Dali**

**Mid - Power Led**  
6,5W  
220 lm - 2700K/CRI 80

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Outgraze 50 L 600



**Power Led**

14,5W  
1369 lm - 2700K/CRI 80  
1418 lm - 3000K/CRI 80  
1467 lm - 4000K/CRI 80

**Easy Mid - Power Led**

14,5W  
620 lm - 2700K/CRI 80  
674 lm - 3000K/CRI 80  
728 lm - 4000K/CRI 80

**Easy Tunable White Dali**

**Mid - Power Led**  
11W  
440 lm - 2700K/CRI 80

**RGB - Power Led**

26W

**RGBW - Power Led**

24W

**Tunable White - Dali**

**Mid - Power Led**  
13W  
722 lm - 2700÷5700K/CRI 80

**Easy - Dali**

**Mid - Power Led**  
14,5W  
1106 lm - 2700K/CRI 80  
1198 lm - 3000K/CRI 80  
1290 lm - 4000K/CRI 80

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Outgraze 50 L 900



**Power Led**

20W  
2054 lm - 2700K/CRI 80  
2127 lm - 3000K/CRI 80  
2201 lm - 4000K/CRI 80

**Easy / Easy Dali**

**Mid - Power Led**  
20W  
930 lm - 2700K/CRI 80  
1011 lm - 3000K/CRI 80  
1092 lm - 4000K/CRI 80

**Easy Tunable White Dali**

**Mid - Power Led**  
16W  
660 lm - 2700K/CRI 80

**RGB - Power Led**

37W

**RGBW - Power Led**

33W

**Tunable White - Dali**

**Mid - Power Led**  
18,5W  
1082 lm - 2700K/CRI 80

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Outgraze 50 L 1200



**Power Led**

27W  
2739 lm - 2700K/CRI 80  
2836 lm - 3000K/CRI 80  
2934 lm - 4000K/CRI 80

**Easy / Easy Dali**

**Mid - Power Led**  
27W  
1240 lm - 2700K/CRI 80  
1348 lm - 3000K/CRI 80  
1456 lm - 4000K/CRI 80

**Easy Tunable White Dali**

**Mid - Power Led**  
21W  
879 lm - 2700K/CRI 80

**RGB - Power Led**

48W

**RGBW - Power Led**

43W

**Tunable White - Dali**

**Mid - Power Led**  
23W  
1443 lm - 2700K/CRI 80

## Beschreibung / Description

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Gerät für den Außenbereich für die Wand- oder Deckenmontage mit LED-Stromquelle.

Zentraler Körper aus extrudiertem Aluminium, Verschlussende aus druckgegossenem Aluminium.

Mit konstantem Abstand zwischen den Linsen umgesetzten Optiken bieten auch bei mehreren in einer kontinuierlichen Linie installierten Leuchten einen homogenen Lichtstrom.

Außenbeschichtung mit hoher Beständigkeit, die mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet wird. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.

Diffusor aus extra klarem Klarglas oder sandgestrahltem Glas, siebbedruckt und verklebt, um eine wasserdichte Abdichtung zu gewährleisten.

Die Stahlhalterungen sind bei der Installation des Produkts verpflichtend zu verwenden. Sie sind allerdings separat zu bestellen.

Geräte, die mit einem 1.000 mm langen Ausgangskabelteil aus Neopren auf einer Seite bereitgestellt werden.

Auf Anfrage können die Geräte mit einem Anschluss bereitgestellt werden, der für die Mehrfachinstallation mit Linienkontinuität geeignet ist.

Luminaire for outdoor use for installation on the wall or ceiling with LED light source.

Central body in extruded aluminum, end cap in die-cast aluminum.

Optics made with constant pitch between the lenses to offer a homogeneous luminous flux even in case of multiple lamps installed in a continuous line.

High resistance external coating applied with a double layer of epoxy powders in accordance with the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.

The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.

Diffuser in extra clear transparent glass or sandblasted glass, screen-printed and glued to ensure a watertight seal.

The installation of the product requires use of steel brackets, to be ordered separately.

Luminaire provided with a length of approximately 1000 mm of outgoing neoprene cable on one side.

Available versions of luminaires with loop-through connection for multiple installation with continuity of line.

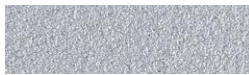
## Ausführungen / Colours

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Outgraze



01 White



06 Grey



12 Forest Green



18 Deep Brown



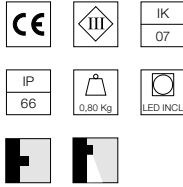
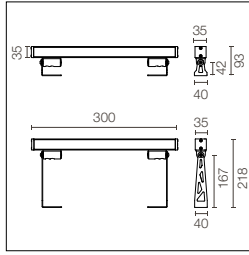
30 Black



33 Anthracite

Outgraze





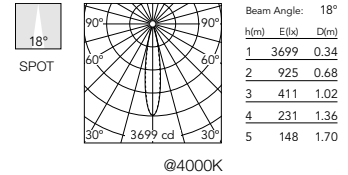
Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 4W - Fluss - 50% lm).

48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 4W - flux - 50% lm).

**Power Led:** 7W - 696 lm ≠ \*FIXT 517 lm - 2700K/CRI 80 - 48V / 7W - 720 lm ≠ \*FIXT 536 lm - 3000K/CRI 80 - 48V / 7W - 745 lm ≠ \*FIXT 554 lm - 4000K/CRI 80 - 48V  
 \*FIXT lm = Medium Optic

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A11H001 | ○ F020A21H001 | ○ F020A31H001 | ○ F020A41H001 |
| ● F020A11H006 | ● F020A21H006 | ● F020A31H006 | ● F020A41H006 |
| ● F020A11H012 | ● F020A21H012 | ● F020A31H012 | ● F020A41H012 |
| ● F020A11H018 | ● F020A21H018 | ● F020A31H018 | ● F020A41H018 |
| ● F020A11H030 | ● F020A21H030 | ● F020A31H030 | ● F020A41H030 |
| ● F020A11H033 | ● F020A21H033 | ● F020A31H033 | ● F020A41H033 |

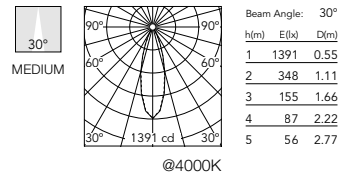


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B11H001 | ○ F020B21H001 | ○ F020B31H001 | ○ F020B41H001 |
| ● F020B11H006 | ● F020B21H006 | ● F020B31H006 | ● F020B41H006 |
| ● F020B11H012 | ● F020B21H012 | ● F020B31H012 | ● F020B41H012 |
| ● F020B11H018 | ● F020B21H018 | ● F020B31H018 | ● F020B41H018 |
| ● F020B11H030 | ● F020B21H030 | ● F020B31H030 | ● F020B41H030 |
| ● F020B11H033 | ● F020B21H033 | ● F020B31H033 | ● F020B41H033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A15H001 | ○ F020A25H001 | ○ F020A35H001 | ○ F020A45H001 |
| ● F020A15H006 | ● F020A25H006 | ● F020A35H006 | ● F020A45H006 |
| ● F020A15H012 | ● F020A25H012 | ● F020A35H012 | ● F020A45H012 |
| ● F020A15H018 | ● F020A25H018 | ● F020A35H018 | ● F020A45H018 |
| ● F020A15H030 | ● F020A25H030 | ● F020A35H030 | ● F020A45H030 |
| ● F020A15H033 | ● F020A25H033 | ● F020A35H033 | ● F020A45H033 |

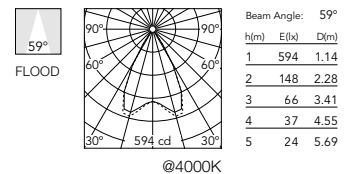


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B15H001 | ○ F020B25H001 | ○ F020B35H001 | ○ F020B45H001 |
| ● F020B15H006 | ● F020B25H006 | ● F020B35H006 | ● F020B45H006 |
| ● F020B15H012 | ● F020B25H012 | ● F020B35H012 | ● F020B45H012 |
| ● F020B15H018 | ● F020B25H018 | ● F020B35H018 | ● F020B45H018 |
| ● F020B15H030 | ● F020B25H030 | ● F020B35H030 | ● F020B45H030 |
| ● F020B15H033 | ● F020B25H033 | ● F020B35H033 | ● F020B45H033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1AH001 | ○ F020A2AH001 | ○ F020A3AH001 | ○ F020A4AH001 |
| ● F020A1AH006 | ● F020A2AH006 | ● F020A3AH006 | ● F020A4AH006 |
| ● F020A1AH012 | ● F020A2AH012 | ● F020A3AH012 | ● F020A4AH012 |
| ● F020A1AH018 | ● F020A2AH018 | ● F020A3AH018 | ● F020A4AH018 |
| ● F020A1AH030 | ● F020A2AH030 | ● F020A3AH030 | ● F020A4AH030 |
| ● F020A1AH033 | ● F020A2AH033 | ● F020A3AH033 | ● F020A4AH033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

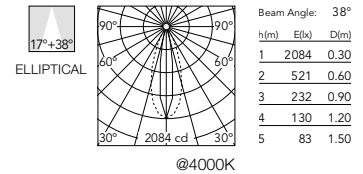
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1AH001 | ○ F020B2AH001 | ○ F020B3AH001 | ○ F020B4AH001 |
| ● F020B1AH006 | ● F020B2AH006 | ● F020B3AH006 | ● F020B4AH006 |
| ● F020B1AH012 | ● F020B2AH012 | ● F020B3AH012 | ● F020B4AH012 |
| ● F020B1AH018 | ● F020B2AH018 | ● F020B3AH018 | ● F020B4AH018 |
| ● F020B1AH030 | ● F020B2AH030 | ● F020B3AH030 | ● F020B4AH030 |
| ● F020B1AH033 | ● F020B2AH033 | ● F020B3AH033 | ● F020B4AH033 |

\*Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

\*Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1EH001 | ○ F020A2EH001 | ○ F020A3EH001 | ○ F020A4EH001 |
| ● F020A1EH006 | ● F020A2EH006 | ● F020A3EH006 | ● F020A4EH006 |
| ● F020A1EH012 | ● F020A2EH012 | ● F020A3EH012 | ● F020A4EH012 |
| ● F020A1EH018 | ● F020A2EH018 | ● F020A3EH018 | ● F020A4EH018 |
| ● F020A1EH030 | ● F020A2EH030 | ● F020A3EH030 | ● F020A4EH030 |
| ● F020A1EH033 | ● F020A2EH033 | ● F020A3EH033 | ● F020A4EH033 |

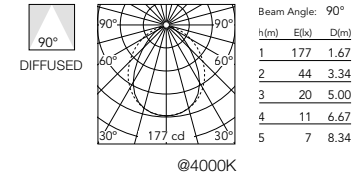


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1EH001 | ○ F020B2EH001 | ○ F020B3EH001 | ○ F020B4EH001 |
| ● F020B1EH006 | ● F020B2EH006 | ● F020B3EH006 | ● F020B4EH006 |
| ● F020B1EH012 | ● F020B2EH012 | ● F020B3EH012 | ● F020B4EH012 |
| ● F020B1EH018 | ● F020B2EH018 | ● F020B3EH018 | ● F020B4EH018 |
| ● F020B1EH030 | ● F020B2EH030 | ● F020B3EH030 | ● F020B4EH030 |
| ● F020B1EH033 | ● F020B2EH033 | ● F020B3EH033 | ● F020B4EH033 |

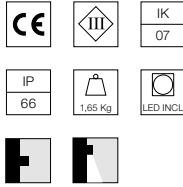
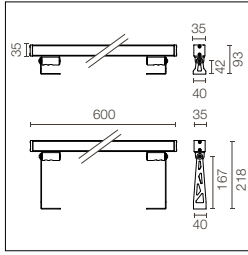
**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1JH001 | ○ F020A2JH001 | ○ F020A3JH001 | ○ F020A4JH001 |
| ● F020A1JH006 | ● F020A2JH006 | ● F020A3JH006 | ● F020A4JH006 |
| ● F020A1JH012 | ● F020A2JH012 | ● F020A3JH012 | ● F020A4JH012 |
| ● F020A1JH018 | ● F020A2JH018 | ● F020A3JH018 | ● F020A4JH018 |
| ● F020A1JH030 | ● F020A2JH030 | ● F020A3JH030 | ● F020A4JH030 |
| ● F020A1JH033 | ● F020A2JH033 | ● F020A3JH033 | ● F020A4JH033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1JH001 | ○ F020B2JH001 | ○ F020B3JH001 | ○ F020B4JH001 |
| ● F020B1JH006 | ● F020B2JH006 | ● F020B3JH006 | ● F020B4JH006 |
| ● F020B1JH012 | ● F020B2JH012 | ● F020B3JH012 | ● F020B4JH012 |
| ● F020B1JH018 | ● F020B2JH018 | ● F020B3JH018 | ● F020B4JH018 |
| ● F020B1JH030 | ● F020B2JH030 | ● F020B3JH030 | ● F020B4JH030 |
| ● F020B1JH033 | ● F020B2JH033 | ● F020B3JH033 | ● F020B4JH033 |



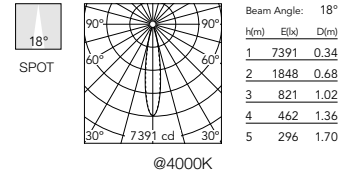
Fernspeisung 48 V und Einbauhalterungen separat zu bestellen.  
 Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas.  
 Dimmbare PWM-Geräte.  
 SMART-Version auf Anfrage verfügbar (Leistung 7W - Fluss - 50% lm).

48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass.  
 Dimmable PWM luminaires.  
 SMART version available upon request (power 7W - flux - 50% lm).

**Power Led:** 12W - 1391 lm ≠ \*FIXT 1034 lm - 2700K/CRI 80 - 48V / 12W - 1441 lm ≠ \*FIXT 1071 lm - 3000K/CRI 80 - 48V / 12W - 1490 lm ≠ \*FIXT 1108 lm - 4000K/CRI 80 - 48V  
 \*FIXT lm = Medium Optic

<sup>1</sup>Standard - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A12H001 | ○ F020A22H001 | ○ F020A32H001 | ○ F020A42H001 |
| ● F020A12H006 | ● F020A22H006 | ● F020A32H006 | ● F020A42H006 |
| ● F020A12H012 | ● F020A22H012 | ● F020A32H012 | ● F020A42H012 |
| ● F020A12H018 | ● F020A22H018 | ● F020A32H018 | ● F020A42H018 |
| ● F020A12H030 | ● F020A22H030 | ● F020A32H030 | ● F020A42H030 |
| ● F020A12H033 | ● F020A22H033 | ● F020A32H033 | ● F020A42H033 |



<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

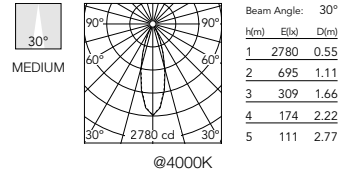
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B12H001 | ○ F020B22H001 | ○ F020B32H001 | ○ F020B42H001 |
| ● F020B12H006 | ● F020B22H006 | ● F020B32H006 | ● F020B42H006 |
| ● F020B12H012 | ● F020B22H012 | ● F020B32H012 | ● F020B42H012 |
| ● F020B12H018 | ● F020B22H018 | ● F020B32H018 | ● F020B42H018 |
| ● F020B12H030 | ● F020B22H030 | ● F020B32H030 | ● F020B42H030 |
| ● F020B12H033 | ● F020B22H033 | ● F020B32H033 | ● F020B42H033 |

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.3 S. 624 / Wiring diagram page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C12H001 | ○ F020C22H001 | ○ F020C32H001 | ○ F020C42H001 |
| ● F020C12H006 | ● F020C22H006 | ● F020C32H006 | ● F020C42H006 |
| ● F020C12H012 | ● F020C22H012 | ● F020C32H012 | ● F020C42H012 |
| ● F020C12H018 | ● F020C22H018 | ● F020C32H018 | ● F020C42H018 |
| ● F020C12H030 | ● F020C22H030 | ● F020C32H030 | ● F020C42H030 |
| ● F020C12H033 | ● F020C22H033 | ● F020C32H033 | ● F020C42H033 |

<sup>1</sup>Standard - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A16H001 | ○ F020A26H001 | ○ F020A36H001 | ○ F020A46H001 |
| ● F020A16H006 | ● F020A26H006 | ● F020A36H006 | ● F020A46H006 |
| ● F020A16H012 | ● F020A26H012 | ● F020A36H012 | ● F020A46H012 |
| ● F020A16H018 | ● F020A26H018 | ● F020A36H018 | ● F020A46H018 |
| ● F020A16H030 | ● F020A26H030 | ● F020A36H030 | ● F020A46H030 |
| ● F020A16H033 | ● F020A26H033 | ● F020A36H033 | ● F020A46H033 |



<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B16H001 | ○ F020B26H001 | ○ F020B36H001 | ○ F020B46H001 |
| ● F020B16H006 | ● F020B26H006 | ● F020B36H006 | ● F020B46H006 |
| ● F020B16H012 | ● F020B26H012 | ● F020B36H012 | ● F020B46H012 |
| ● F020B16H018 | ● F020B26H018 | ● F020B36H018 | ● F020B46H018 |
| ● F020B16H030 | ● F020B26H030 | ● F020B36H030 | ● F020B46H030 |
| ● F020B16H033 | ● F020B26H033 | ● F020B36H033 | ● F020B46H033 |

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.3 S. 624 / Wiring diagram page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C16H001 | ○ F020C26H001 | ○ F020C36H001 | ○ F020C46H001 |
| ● F020C16H006 | ● F020C26H006 | ● F020C36H006 | ● F020C46H006 |
| ● F020C16H012 | ● F020C26H012 | ● F020C36H012 | ● F020C46H012 |
| ● F020C16H018 | ● F020C26H018 | ● F020C36H018 | ● F020C46H018 |
| ● F020C16H030 | ● F020C26H030 | ● F020C36H030 | ● F020C46H030 |
| ● F020C16H033 | ● F020C26H033 | ● F020C36H033 | ● F020C46H033 |

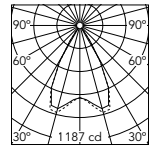
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1BH001 | ○ F020A2BH001 | ○ F020A3BH001 | ○ F020A4BH001 |
| ● F020A1BH006 | ● F020A2BH006 | ● F020A3BH006 | ● F020A4BH006 |
| ● F020A1BH012 | ● F020A2BH012 | ● F020A3BH012 | ● F020A4BH012 |
| ● F020A1BH018 | ● F020A2BH018 | ● F020A3BH018 | ● F020A4BH018 |
| ● F020A1BH030 | ● F020A2BH030 | ● F020A3BH030 | ● F020A4BH030 |
| ● F020A1BH033 | ● F020A2BH033 | ● F020A3BH033 | ● F020A4BH033 |



Beam Angle: 59°

h(m)	E(lx)	D(m)
1	1187	1.14
2	297	2.28
3	132	3.41
4	74	4.55
5	47	5.69

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

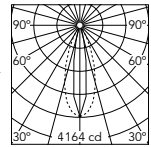
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1BH001 | ○ F020B2BH001 | ○ F020B3BH001 | ○ F020B4BH001 |
| ● F020B1BH006 | ● F020B2BH006 | ● F020B3BH006 | ● F020B4BH006 |
| ● F020B1BH012 | ● F020B2BH012 | ● F020B3BH012 | ● F020B4BH012 |
| ● F020B1BH018 | ● F020B2BH018 | ● F020B3BH018 | ● F020B4BH018 |
| ● F020B1BH030 | ● F020B2BH030 | ● F020B3BH030 | ● F020B4BH030 |
| ● F020B1BH033 | ● F020B2BH033 | ● F020B3BH033 | ● F020B4BH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1BH001 | ○ F020C2BH001 | ○ F020C3BH001 | ○ F020C4BH001 |
| ● F020C1BH006 | ● F020C2BH006 | ● F020C3BH006 | ● F020C4BH006 |
| ● F020C1BH012 | ● F020C2BH012 | ● F020C3BH012 | ● F020C4BH012 |
| ● F020C1BH018 | ● F020C2BH018 | ● F020C3BH018 | ● F020C4BH018 |
| ● F020C1BH030 | ● F020C2BH030 | ● F020C3BH030 | ● F020C4BH030 |
| ● F020C1BH033 | ● F020C2BH033 | ● F020C3BH033 | ● F020C4BH033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1FH001 | ○ F020A2FH001 | ○ F020A3FH001 | ○ F020A4FH001 |
| ● F020A1FH006 | ● F020A2FH006 | ● F020A3FH006 | ● F020A4FH006 |
| ● F020A1FH012 | ● F020A2FH012 | ● F020A3FH012 | ● F020A4FH012 |
| ● F020A1FH018 | ● F020A2FH018 | ● F020A3FH018 | ● F020A4FH018 |
| ● F020A1FH030 | ● F020A2FH030 | ● F020A3FH030 | ● F020A4FH030 |
| ● F020A1FH033 | ● F020A2FH033 | ● F020A3FH033 | ● F020A4FH033 |



Beam Angle: 38°

h(m)	E(lx)	D(m)
1	4164	0.30
2	1041	0.60
3	463	0.90
4	260	1.20
5	167	1.50

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

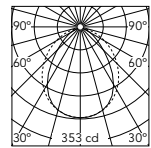
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1FH001 | ○ F020B2FH001 | ○ F020B3FH001 | ○ F020B4FH001 |
| ● F020B1FH006 | ● F020B2FH006 | ● F020B3FH006 | ● F020B4FH006 |
| ● F020B1FH012 | ● F020B2FH012 | ● F020B3FH012 | ● F020B4FH012 |
| ● F020B1FH018 | ● F020B2FH018 | ● F020B3FH018 | ● F020B4FH018 |
| ● F020B1FH030 | ● F020B2FH030 | ● F020B3FH030 | ● F020B4FH030 |
| ● F020B1FH033 | ● F020B2FH033 | ● F020B3FH033 | ● F020B4FH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1FH001 | ○ F020C2FH001 | ○ F020C3FH001 | ○ F020C4FH001 |
| ● F020C1FH006 | ● F020C2FH006 | ● F020C3FH006 | ● F020C4FH006 |
| ● F020C1FH012 | ● F020C2FH012 | ● F020C3FH012 | ● F020C4FH012 |
| ● F020C1FH018 | ● F020C2FH018 | ● F020C3FH018 | ● F020C4FH018 |
| ● F020C1FH030 | ● F020C2FH030 | ● F020C3FH030 | ● F020C4FH030 |
| ● F020C1FH033 | ● F020C2FH033 | ● F020C3FH033 | ● F020C4FH033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1KH001 | ○ F020A2KH001 | ○ F020A3KH001 | ○ F020A4KH001 |
| ● F020A1KH006 | ● F020A2KH006 | ● F020A3KH006 | ● F020A4KH006 |
| ● F020A1KH012 | ● F020A2KH012 | ● F020A3KH012 | ● F020A4KH012 |
| ● F020A1KH018 | ● F020A2KH018 | ● F020A3KH018 | ● F020A4KH018 |
| ● F020A1KH030 | ● F020A2KH030 | ● F020A3KH030 | ● F020A4KH030 |
| ● F020A1KH033 | ● F020A2KH033 | ● F020A3KH033 | ● F020A4KH033 |



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	353	1.67
2	88	3.34
3	39	5.00
4	22	6.67
5	14	8.34

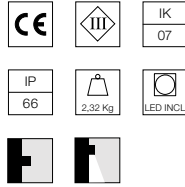
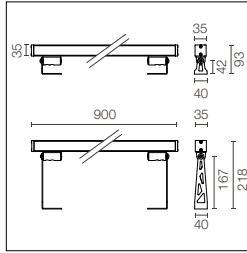
@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1KH001 | ○ F020B2KH001 | ○ F020B3KH001 | ○ F020B4KH001 |
| ● F020B1KH006 | ● F020B2KH006 | ● F020B3KH006 | ● F020B4KH006 |
| ● F020B1KH012 | ● F020B2KH012 | ● F020B3KH012 | ● F020B4KH012 |
| ● F020B1KH018 | ● F020B2KH018 | ● F020B3KH018 | ● F020B4KH018 |
| ● F020B1KH030 | ● F020B2KH030 | ● F020B3KH030 | ● F020B4KH030 |
| ● F020B1KH033 | ● F020B2KH033 | ● F020B3KH033 | ● F020B4KH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1KH001 | ○ F020C2KH001 | ○ F020C3KH001 | ○ F020C4KH001 |
| ● F020C1KH006 | ● F020C2KH006 | ● F020C3KH006 | ● F020C4KH006 |
| ● F020C1KH012 | ● F020C2KH012 | ● F020C3KH012 | ● F020C4KH012 |
| ● F020C1KH018 | ● F020C2KH018 | ● F020C3KH018 | ● F020C4KH018 |
| ● F020C1KH030 | ● F020C2KH030 | ● F020C3KH030 | ● F020C4KH030 |
| ● F020C1KH033 | ● F020C2KH033 | ● F020C3KH033 | ● F020C4KH033 |



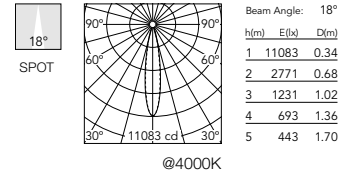
Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 11W - Fluss - 50% lm).

48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 11W - flux -50% lm).

**Power Led:** 18W - 2087 lm ≠ \*FIXT 1551 lm - 2700K/CRI 80 - 48V / 18W - 2161 lm ≠ \*FIXT 1607 lm - 3000K/CRI 80 - 48V / 18W - 2236 lm ≠ \*FIXT 1662 lm - 4000K/CRI 80 - 48V  
\*FIXT lm = Medium Optic

**1<sup>Standard</sup>** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A13H001 | ○ F020A23H001 | ○ F020A33H001 | ○ F020A43H001 |
| ● F020A13H006 | ● F020A23H006 | ● F020A33H006 | ● F020A43H006 |
| ● F020A13H012 | ● F020A23H012 | ● F020A33H012 | ● F020A43H012 |
| ● F020A13H018 | ● F020A23H018 | ● F020A33H018 | ● F020A43H018 |
| ● F020A13H030 | ● F020A23H030 | ● F020A33H030 | ● F020A43H030 |
| ● F020A13H033 | ● F020A23H033 | ● F020A33H033 | ● F020A43H033 |



**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

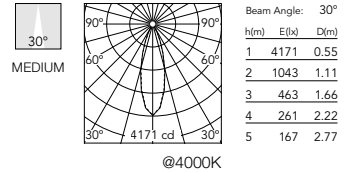
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B13H001 | ○ F020B23H001 | ○ F020B33H001 | ○ F020B43H001 |
| ● F020B13H006 | ● F020B23H006 | ● F020B33H006 | ● F020B43H006 |
| ● F020B13H012 | ● F020B23H012 | ● F020B33H012 | ● F020B43H012 |
| ● F020B13H018 | ● F020B23H018 | ● F020B33H018 | ● F020B43H018 |
| ● F020B13H030 | ● F020B23H030 | ● F020B33H030 | ● F020B43H030 |
| ● F020B13H033 | ● F020B23H033 | ● F020B33H033 | ● F020B43H033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C13H001 | ○ F020C23H001 | ○ F020C33H001 | ○ F020C43H001 |
| ● F020C13H006 | ● F020C23H006 | ● F020C33H006 | ● F020C43H006 |
| ● F020C13H012 | ● F020C23H012 | ● F020C33H012 | ● F020C43H012 |
| ● F020C13H018 | ● F020C23H018 | ● F020C33H018 | ● F020C43H018 |
| ● F020C13H030 | ● F020C23H030 | ● F020C33H030 | ● F020C43H030 |
| ● F020C13H033 | ● F020C23H033 | ● F020C33H033 | ● F020C43H033 |

**1<sup>Standard</sup>** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A17H001 | ○ F020A27H001 | ○ F020A37H001 | ○ F020A47H001 |
| ● F020A17H006 | ● F020A27H006 | ● F020A37H006 | ● F020A47H006 |
| ● F020A17H012 | ● F020A27H012 | ● F020A37H012 | ● F020A47H012 |
| ● F020A17H018 | ● F020A27H018 | ● F020A37H018 | ● F020A47H018 |
| ● F020A17H030 | ● F020A27H030 | ● F020A37H030 | ● F020A47H030 |
| ● F020A17H033 | ● F020A27H033 | ● F020A37H033 | ● F020A47H033 |



**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B17H001 | ○ F020B27H001 | ○ F020B37H001 | ○ F020B47H001 |
| ● F020B17H006 | ● F020B27H006 | ● F020B37H006 | ● F020B47H006 |
| ● F020B17H012 | ● F020B27H012 | ● F020B37H012 | ● F020B47H012 |
| ● F020B17H018 | ● F020B27H018 | ● F020B37H018 | ● F020B47H018 |
| ● F020B17H030 | ● F020B27H030 | ● F020B37H030 | ● F020B47H030 |
| ● F020B17H033 | ● F020B27H033 | ● F020B37H033 | ● F020B47H033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C17H001 | ○ F020C27H001 | ○ F020C37H001 | ○ F020C47H001 |
| ● F020C17H006 | ● F020C27H006 | ● F020C37H006 | ● F020C47H006 |
| ● F020C17H012 | ● F020C27H012 | ● F020C37H012 | ● F020C47H012 |
| ● F020C17H018 | ● F020C27H018 | ● F020C37H018 | ● F020C47H018 |
| ● F020C17H030 | ● F020C27H030 | ● F020C37H030 | ● F020C47H030 |
| ● F020C17H033 | ● F020C27H033 | ● F020C37H033 | ● F020C47H033 |

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

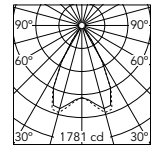
<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).



**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1CH001 | ○ F020A2CH001 | ○ F020A3CH001 | ○ F020A4CH001 |
| ● F020A1CH006 | ● F020A2CH006 | ● F020A3CH006 | ● F020A4CH006 |
| ● F020A1CH012 | ● F020A2CH012 | ● F020A3CH012 | ● F020A4CH012 |
| ● F020A1CH018 | ● F020A2CH018 | ● F020A3CH018 | ● F020A4CH018 |
| ● F020A1CH030 | ● F020A2CH030 | ● F020A3CH030 | ● F020A4CH030 |
| ● F020A1CH033 | ● F020A2CH033 | ● F020A3CH033 | ● F020A4CH033 |



Beam Angle: 59°

	h(m)	E(lx)	D(m)
1	1781	1.14	
2	445	2.28	
3	198	3.41	
4	111	4.55	
5	71	5.69	

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

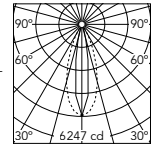
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1CH001 | ○ F020B2CH001 | ○ F020B3CH001 | ○ F020B4CH001 |
| ● F020B1CH006 | ● F020B2CH006 | ● F020B3CH006 | ● F020B4CH006 |
| ● F020B1CH012 | ● F020B2CH012 | ● F020B3CH012 | ● F020B4CH012 |
| ● F020B1CH018 | ● F020B2CH018 | ● F020B3CH018 | ● F020B4CH018 |
| ● F020B1CH030 | ● F020B2CH030 | ● F020B3CH030 | ● F020B4CH030 |
| ● F020B1CH033 | ● F020B2CH033 | ● F020B3CH033 | ● F020B4CH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1CH001 | ○ F020C2CH001 | ○ F020C3CH001 | ○ F020C4CH001 |
| ● F020C1CH006 | ● F020C2CH006 | ● F020C3CH006 | ● F020C4CH006 |
| ● F020C1CH012 | ● F020C2CH012 | ● F020C3CH012 | ● F020C4CH012 |
| ● F020C1CH018 | ● F020C2CH018 | ● F020C3CH018 | ● F020C4CH018 |
| ● F020C1CH030 | ● F020C2CH030 | ● F020C3CH030 | ● F020C4CH030 |
| ● F020C1CH033 | ● F020C2CH033 | ● F020C3CH033 | ● F020C4CH033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1GH001 | ○ F020A2GH001 | ○ F020A3GH001 | ○ F020A4GH001 |
| ● F020A1GH006 | ● F020A2GH006 | ● F020A3GH006 | ● F020A4GH006 |
| ● F020A1GH012 | ● F020A2GH012 | ● F020A3GH012 | ● F020A4GH012 |
| ● F020A1GH018 | ● F020A2GH018 | ● F020A3GH018 | ● F020A4GH018 |
| ● F020A1GH030 | ● F020A2GH030 | ● F020A3GH030 | ● F020A4GH030 |
| ● F020A1GH033 | ● F020A2GH033 | ● F020A3GH033 | ● F020A4GH033 |



Beam Angle: 38°

	h(m)	E(lx)	D(m)
1	6247	0.30	
2	1562	0.60	
3	694	0.90	
4	390	1.20	
5	250	1.50	

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

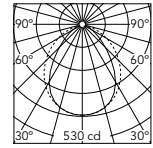
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1GH001 | ○ F020B2GH001 | ○ F020B3GH001 | ○ F020B4GH001 |
| ● F020B1GH006 | ● F020B2GH006 | ● F020B3GH006 | ● F020B4GH006 |
| ● F020B1GH012 | ● F020B2GH012 | ● F020B3GH012 | ● F020B4GH012 |
| ● F020B1GH018 | ● F020B2GH018 | ● F020B3GH018 | ● F020B4GH018 |
| ● F020B1GH030 | ● F020B2GH030 | ● F020B3GH030 | ● F020B4GH030 |
| ● F020B1GH033 | ● F020B2GH033 | ● F020B3GH033 | ● F020B4GH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1GH001 | ○ F020C2GH001 | ○ F020C3GH001 | ○ F020C4GH001 |
| ● F020C1GH006 | ● F020C2GH006 | ● F020C3GH006 | ● F020C4GH006 |
| ● F020C1GH012 | ● F020C2GH012 | ● F020C3GH012 | ● F020C4GH012 |
| ● F020C1GH018 | ● F020C2GH018 | ● F020C3GH018 | ● F020C4GH018 |
| ● F020C1GH030 | ● F020C2GH030 | ● F020C3GH030 | ● F020C4GH030 |
| ● F020C1GH033 | ● F020C2GH033 | ● F020C3GH033 | ● F020C4GH033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1LH001 | ○ F020A2LH001 | ○ F020A3LH001 | ○ F020A4LH001 |
| ● F020A1LH006 | ● F020A2LH006 | ● F020A3LH006 | ● F020A4LH006 |
| ● F020A1LH012 | ● F020A2LH012 | ● F020A3LH012 | ● F020A4LH012 |
| ● F020A1LH018 | ● F020A2LH018 | ● F020A3LH018 | ● F020A4LH018 |
| ● F020A1LH030 | ● F020A2LH030 | ● F020A3LH030 | ● F020A4LH030 |
| ● F020A1LH033 | ● F020A2LH033 | ● F020A3LH033 | ● F020A4LH033 |



Beam Angle: 90°

	h(m)	E(lx)	D(m)
1	530	1.67	
2	132	3.34	
3	59	5.00	
4	33	6.67	
5	21	8.34	

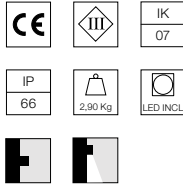
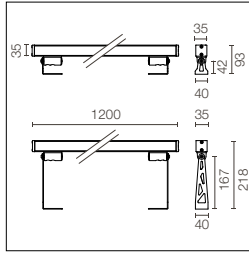
@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1LH001 | ○ F020B2LH001 | ○ F020B3LH001 | ○ F020B4LH001 |
| ● F020B1LH006 | ● F020B2LH006 | ● F020B3LH006 | ● F020B4LH006 |
| ● F020B1LH012 | ● F020B2LH012 | ● F020B3LH012 | ● F020B4LH012 |
| ● F020B1LH018 | ● F020B2LH018 | ● F020B3LH018 | ● F020B4LH018 |
| ● F020B1LH030 | ● F020B2LH030 | ● F020B3LH030 | ● F020B4LH030 |
| ● F020B1LH033 | ● F020B2LH033 | ● F020B3LH033 | ● F020B4LH033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1LH001 | ○ F020C2LH001 | ○ F020C3LH001 | ○ F020C4LH001 |
| ● F020C1LH006 | ● F020C2LH006 | ● F020C3LH006 | ● F020C4LH006 |
| ● F020C1LH012 | ● F020C2LH012 | ● F020C3LH012 | ● F020C4LH012 |
| ● F020C1LH018 | ● F020C2LH018 | ● F020C3LH018 | ● F020C4LH018 |
| ● F020C1LH030 | ● F020C2LH030 | ● F020C3LH030 | ● F020C4LH030 |
| ● F020C1LH033 | ● F020C2LH033 | ● F020C3LH033 | ● F020C4LH033 |



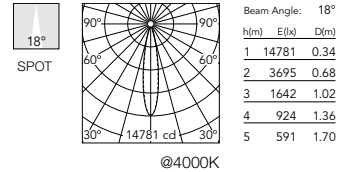
Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 14W - Fluss - 50% lm).

48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 14W - flux-50% lm).

**Power Led:** 23W - 2782 lm ≠ \*FIXT 2069 lm - 2700K/CRI 80 - 48V /23W - 2881 lm ≠ \*FIXT 2142 lm - 3000K/CRI 80 - 48V / 23W - 2981 lm ≠ \*FIXT 2216 lm - 4000K/CRI 80 - 48V  
 \*FIXT lm = Medium Optic

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A14H001 | ○ F020A24H001 | ○ F020A34H001 | ○ F020A44H001 |
| ● F020A14H006 | ● F020A24H006 | ● F020A34H006 | ● F020A44H006 |
| ● F020A14H012 | ● F020A24H012 | ● F020A34H012 | ● F020A44H012 |
| ● F020A14H018 | ● F020A24H018 | ● F020A34H018 | ● F020A44H018 |
| ● F020A14H030 | ● F020A24H030 | ● F020A34H030 | ● F020A44H030 |
| ● F020A14H033 | ● F020A24H033 | ● F020A34H033 | ● F020A44H033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

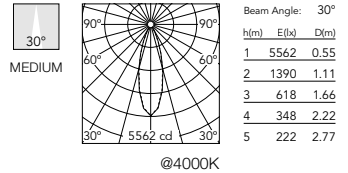
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B14H001 | ○ F020B24H001 | ○ F020B34H001 | ○ F020B44H001 |
| ● F020B14H006 | ● F020B24H006 | ● F020B34H006 | ● F020B44H006 |
| ● F020B14H012 | ● F020B24H012 | ● F020B34H012 | ● F020B44H012 |
| ● F020B14H018 | ● F020B24H018 | ● F020B34H018 | ● F020B44H018 |
| ● F020B14H030 | ● F020B24H030 | ● F020B34H030 | ● F020B44H030 |
| ● F020B14H033 | ● F020B24H033 | ● F020B34H033 | ● F020B44H033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C14H001 | ○ F020C24H001 | ○ F020C34H001 | ○ F020C44H001 |
| ● F020C14H006 | ● F020C24H006 | ● F020C34H006 | ● F020C44H006 |
| ● F020C14H012 | ● F020C24H012 | ● F020C34H012 | ● F020C44H012 |
| ● F020C14H018 | ● F020C24H018 | ● F020C34H018 | ● F020C44H018 |
| ● F020C14H030 | ● F020C24H030 | ● F020C34H030 | ● F020C44H030 |
| ● F020C14H033 | ● F020C24H033 | ● F020C34H033 | ● F020C44H033 |

**1Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A18H001 | ○ F020A28H001 | ○ F020A38H001 | ○ F020A48H001 |
| ● F020A18H006 | ● F020A28H006 | ● F020A38H006 | ● F020A48H006 |
| ● F020A18H012 | ● F020A28H012 | ● F020A38H012 | ● F020A48H012 |
| ● F020A18H018 | ● F020A28H018 | ● F020A38H018 | ● F020A48H018 |
| ● F020A18H030 | ● F020A28H030 | ● F020A38H030 | ● F020A48H030 |
| ● F020A18H033 | ● F020A28H033 | ● F020A38H033 | ● F020A48H033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B18H001 | ○ F020B28H001 | ○ F020B38H001 | ○ F020B48H001 |
| ● F020B18H006 | ● F020B28H006 | ● F020B38H006 | ● F020B48H006 |
| ● F020B18H012 | ● F020B28H012 | ● F020B38H012 | ● F020B48H012 |
| ● F020B18H018 | ● F020B28H018 | ● F020B38H018 | ● F020B48H018 |
| ● F020B18H030 | ● F020B28H030 | ● F020B38H030 | ● F020B48H030 |
| ● F020B18H033 | ● F020B28H033 | ● F020B38H033 | ● F020B48H033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C18H001 | ○ F020C28H001 | ○ F020C38H001 | ○ F020C48H001 |
| ● F020C18H006 | ● F020C28H006 | ● F020C38H006 | ● F020C48H006 |
| ● F020C18H012 | ● F020C28H012 | ● F020C38H012 | ● F020C48H012 |
| ● F020C18H018 | ● F020C28H018 | ● F020C38H018 | ● F020C48H018 |
| ● F020C18H030 | ● F020C28H030 | ● F020C38H030 | ● F020C48H030 |
| ● F020C18H033 | ● F020C28H033 | ● F020C38H033 | ● F020C48H033 |

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

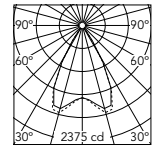
<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1<sup>Standard</sup>** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1DH001 | ○ F020A2DH001 | ○ F020A3DH001 | ○ F020A4DH001 |
| ● F020A1DH006 | ● F020A2DH006 | ● F020A3DH006 | ● F020A4DH006 |
| ● F020A1DH012 | ● F020A2DH012 | ● F020A3DH012 | ● F020A4DH012 |
| ● F020A1DH018 | ● F020A2DH018 | ● F020A3DH018 | ● F020A4DH018 |
| ● F020A1DH030 | ● F020A2DH030 | ● F020A3DH030 | ● F020A4DH030 |
| ● F020A1DH033 | ● F020A2DH033 | ● F020A3DH033 | ● F020A4DH033 |



FLOOD



@4000K

Beam Angle: 59°

	h(m)	E(ft)	D(m)
1	2.375	1.14	
2	5.94	2.28	
3	2.64	3.41	
4	1.48	4.55	
5	95	5.69	

**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1DH001 | ○ F020B2DH001 | ○ F020B3DH001 | ○ F020B4DH001 |
| ● F020B1DH006 | ● F020B2DH006 | ● F020B3DH006 | ● F020B4DH006 |
| ● F020B1DH012 | ● F020B2DH012 | ● F020B3DH012 | ● F020B4DH012 |
| ● F020B1DH018 | ● F020B2DH018 | ● F020B3DH018 | ● F020B4DH018 |
| ● F020B1DH030 | ● F020B2DH030 | ● F020B3DH030 | ● F020B4DH030 |
| ● F020B1DH033 | ● F020B2DH033 | ● F020B3DH033 | ● F020B4DH033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

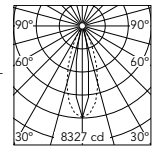
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1DH001 | ○ F020C2DH001 | ○ F020C3DH001 | ○ F020C4DH001 |
| ● F020C1DH006 | ● F020C2DH006 | ● F020C3DH006 | ● F020C4DH006 |
| ● F020C1DH012 | ● F020C2DH012 | ● F020C3DH012 | ● F020C4DH012 |
| ● F020C1DH018 | ● F020C2DH018 | ● F020C3DH018 | ● F020C4DH018 |
| ● F020C1DH030 | ● F020C2DH030 | ● F020C3DH030 | ● F020C4DH030 |
| ● F020C1DH033 | ● F020C2DH033 | ● F020C3DH033 | ● F020C4DH033 |

**1<sup>Standard</sup>** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1HH001 | ○ F020A2HH001 | ○ F020A3HH001 | ○ F020A4HH001 |
| ● F020A1HH006 | ● F020A2HH006 | ● F020A3HH006 | ● F020A4HH006 |
| ● F020A1HH012 | ● F020A2HH012 | ● F020A3HH012 | ● F020A4HH012 |
| ● F020A1HH018 | ● F020A2HH018 | ● F020A3HH018 | ● F020A4HH018 |
| ● F020A1HH030 | ● F020A2HH030 | ● F020A3HH030 | ● F020A4HH030 |
| ● F020A1HH033 | ● F020A2HH033 | ● F020A3HH033 | ● F020A4HH033 |



ELLIPTICAL



@4000K

Beam Angle: 38°

	h(m)	E(ft)	D(m)
1	8.327	0.30	
2	2.082	0.60	
3	9.25	0.90	
4	5.20	1.20	
5	3.33	1.50	

**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1HH001 | ○ F020B2HH001 | ○ F020B3HH001 | ○ F020B4HH001 |
| ● F020B1HH006 | ● F020B2HH006 | ● F020B3HH006 | ● F020B4HH006 |
| ● F020B1HH012 | ● F020B2HH012 | ● F020B3HH012 | ● F020B4HH012 |
| ● F020B1HH018 | ● F020B2HH018 | ● F020B3HH018 | ● F020B4HH018 |
| ● F020B1HH030 | ● F020B2HH030 | ● F020B3HH030 | ● F020B4HH030 |
| ● F020B1HH033 | ● F020B2HH033 | ● F020B3HH033 | ● F020B4HH033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

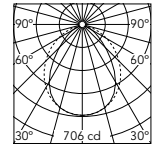
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1HH001 | ○ F020C2HH001 | ○ F020C3HH001 | ○ F020C4HH001 |
| ● F020C1HH006 | ● F020C2HH006 | ● F020C3HH006 | ● F020C4HH006 |
| ● F020C1HH012 | ● F020C2HH012 | ● F020C3HH012 | ● F020C4HH012 |
| ● F020C1HH018 | ● F020C2HH018 | ● F020C3HH018 | ● F020C4HH018 |
| ● F020C1HH030 | ● F020C2HH030 | ● F020C3HH030 | ● F020C4HH030 |
| ● F020C1HH033 | ● F020C2HH033 | ● F020C3HH033 | ● F020C4HH033 |

**1<sup>Standard</sup>** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A1MH001 | ○ F020A2MH001 | ○ F020A3MH001 | ○ F020A4MH001 |
| ● F020A1MH006 | ● F020A2MH006 | ● F020A3MH006 | ● F020A4MH006 |
| ● F020A1MH012 | ● F020A2MH012 | ● F020A3MH012 | ● F020A4MH012 |
| ● F020A1MH018 | ● F020A2MH018 | ● F020A3MH018 | ● F020A4MH018 |
| ● F020A1MH030 | ● F020A2MH030 | ● F020A3MH030 | ● F020A4MH030 |
| ● F020A1MH033 | ● F020A2MH033 | ● F020A3MH033 | ● F020A4MH033 |



DIFFUSED



@4000K

Beam Angle: 90°

	h(m)	E(ft)	D(m)
1	7.06	1.67	
2	1.77	3.34	
3	7.8	5.00	
4	4.4	6.67	
5	2.8	8.34	

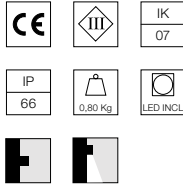
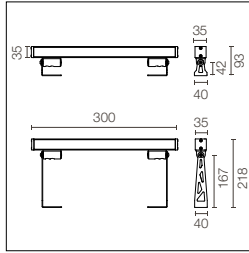
**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B1MH001 | ○ F020B2MH001 | ○ F020B3MH001 | ○ F020B4MH001 |
| ● F020B1MH006 | ● F020B2MH006 | ● F020B3MH006 | ● F020B4MH006 |
| ● F020B1MH012 | ● F020B2MH012 | ● F020B3MH012 | ● F020B4MH012 |
| ● F020B1MH018 | ● F020B2MH018 | ● F020B3MH018 | ● F020B4MH018 |
| ● F020B1MH030 | ● F020B2MH030 | ● F020B3MH030 | ● F020B4MH030 |
| ● F020B1MH033 | ● F020B2MH033 | ● F020B3MH033 | ● F020B4MH033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C1MH001 | ○ F020C2MH001 | ○ F020C3MH001 | ○ F020C4MH001 |
| ● F020C1MH006 | ● F020C2MH006 | ● F020C3MH006 | ● F020C4MH006 |
| ● F020C1MH012 | ● F020C2MH012 | ● F020C3MH012 | ● F020C4MH012 |
| ● F020C1MH018 | ● F020C2MH018 | ● F020C3MH018 | ● F020C4MH018 |
| ● F020C1MH030 | ● F020C2MH030 | ● F020C3MH030 | ● F020C4MH030 |
| ● F020C1MH033 | ● F020C2MH033 | ● F020C3MH033 | ● F020C4MH033 |

## Outgraze 35 Easy L 300



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte. Sandgestrahtes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires. Sandblasted glass.

**Mid-power Led:** 4,5W - 454 lm ≠ FIXT 190 lm - 2700K/CRI 80 - 24V / 4,5W - 494 lm ≠ FIXT 207 lm - 3000K/CRI 80 - 24V / 4,5W - 533 lm ≠ FIXT 223 lm - 4000K/CRI 80 - 24V

<sup>1</sup>**Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

### 2700K

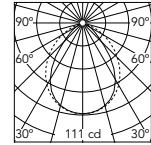
- F020G2JH001
- F020G2JH006
- F020G2JH012
- F020G2JH018
- F020G2JH030
- F020G2JH033

### 3000K

- F020G3JH001
- F020G3JH006
- F020G3JH012
- F020G3JH018
- F020G3JH030
- F020G3JH033

### 4000K

- F020G4JH001
- F020G4JH006
- F020G4JH012
- F020G4JH018
- F020G4JH030
- F020G4JH033



Beam Angle: 90°		
h(m)	E(lx)	D(m)
1	111	1.62
2	28	3.23
3	12	4.85
4	7	6.46
5	4	8.08

@4000K

<sup>2</sup>**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

### 2700K

- F020H2JH001
- F020H2JH006
- F020H2JH012
- F020H2JH018
- F020H2JH030
- F020H2JH033

### 3000K

- F020H3JH001
- F020H3JH006
- F020H3JH012
- F020H3JH018
- F020H3JH030
- F020H3JH033

### 4000K

- F020H4JH001
- F020H4JH006
- F020H4JH012
- F020H4JH018
- F020H4JH030
- F020H4JH033

## Outgraze 35 Easy L 300 - Tunable White 2700K÷5700K

**Mid-power Led:** 4,5W - 227÷286 lm ≠ FIXT 95÷120 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

<sup>1</sup>**Tunable White Standard** - Schaltplan Nr.4 S. 625 / Wiring diagram n.4 page 625

### 2700K÷5700K

- F020GTJH001
- F020GTJH006
- F020GTJH012
- F020GTJH018
- F020GTJH030
- F020GTJH033



<sup>2</sup>**Tunable White Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.5 S. 625 / Wiring diagram n.5 page 625

### 2700K÷5700K

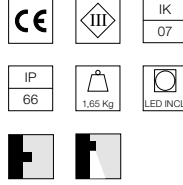
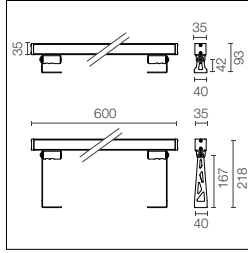
- F020HTJH001
- F020HTJH006
- F020HTJH012
- F020HTJH018
- F020HTJH030
- F020HTJH033

Photometric data on request.

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 600



Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte. Sandgestrahtes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires. Sandblasted glass.

**Mid-power Led:** 9W - 909 lm ≠ FIXT 381 lm - 2700K/CRI 80 - 24V / 9W - 988 lm ≠ FIXT 414 lm - 3000K/CRI 80 - 24V / 9W - 1067 lm ≠ FIXT 447 lm - 4000K/CRI 80 - 24V

<sup>1</sup>**Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

### 2700K

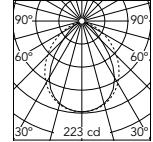
- F020G2KH001
- F020G2KH006
- F020G2KH012
- F020G2KH018
- F020G2KH030
- F020G2KH033

### 3000K

- F020G3KH001
- F020G3KH006
- F020G3KH012
- F020G3KH018
- F020G3KH030
- F020G3KH033

### 4000K

- F020G4KH001
- F020G4KH006
- F020G4KH012
- F020G4KH018
- F020G4KH030
- F020G4KH033



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	223	1.62
2	56	3.23
3	25	4.85
4	14	6.46
5	9	8.08

@4000K

<sup>2</sup>**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

### 2700K

- F020H2KH001
- F020H2KH006
- F020H2KH012
- F020H2KH018
- F020H2KH030
- F020H2KH033

### 3000K

- F020H3KH001
- F020H3KH006
- F020H3KH012
- F020H3KH018
- F020H3KH030
- F020H3KH033

### 4000K

- F020H4KH001
- F020H4KH006
- F020H4KH012
- F020H4KH018
- F020H4KH030
- F020H4KH033

<sup>3</sup>**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

### 2700K

- F020J2KH001
- F020J2KH006
- F020J2KH012
- F020J2KH018
- F020J2KH030
- F020J2KH033

### 3000K

- F020J3KH001
- F020J3KH006
- F020J3KH012
- F020J3KH018
- F020J3KH030
- F020J3KH033

### 4000K

- F020J4KH001
- F020J4KH006
- F020J4KH012
- F020J4KH018
- F020J4KH030
- F020J4KH033

## Outgraze 35 Easy L 600 - Tunable White 2700K÷5700K

**Mid-power Led:** 9W - 454÷573 lm ≠ FIXT 190÷240 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

<sup>1</sup>**Tunable White Standard** - Schaltplan Nr.4 S. 625 / Wiring diagram n.4 page 625

### 2700K÷5700K

- F020GTKH001
- F020GTKH006
- F020GTKH012
- F020GTKH018
- F020GTKH030
- F020GTKH033



<sup>2</sup>**Tunable White Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.5 S. 625 / Wiring diagram n.5 page 625

### 2700K÷5700K

- F020HTKH001
- F020HTKH006
- F020HTKH012
- F020HTKH018
- F020HTKH030
- F020HTKH033

<sup>3</sup>**Tunable White Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.6 S. 625 / Wiring diagram n.6 page 625

### 2700K÷5700K

- F020JTKH001
- F020JTKH006
- F020JTKH012
- F020JTKH018
- F020JTKH030
- F020JTKH033

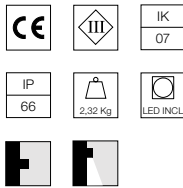
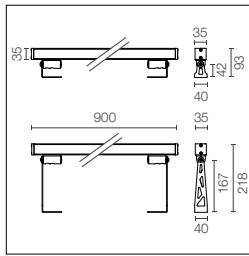
Photometric data on request.

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 900



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.  
Sandgestrahtes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.  
Sandblasted glass.

**Mid-power Led:** 13W - 1363 lm ≠ FIXT 571 lm - 2700K/CRI 80 - 24V / 13W - 1481 lm ≠ FIXT 621 lm - 3000K/CRI 80 - 24V / 13W - 1600 lm ≠ FIXT 670 lm - 4000K/CRI 80 - 24V

<sup>1</sup>Standard - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

### 2700K

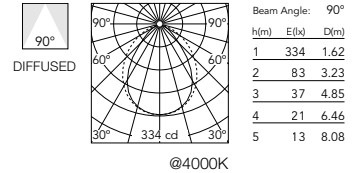
- F020G2LH001
- F020G2LH006
- F020G2LH012
- F020G2LH018
- F020G2LH030
- F020G2LH033

### 3000K

- F020G3LH001
- F020G3LH006
- F020G3LH012
- F020G3LH018
- F020G3LH030
- F020G3LH033

### 4000K

- F020G4LH001
- F020G4LH006
- F020G4LH012
- F020G4LH018
- F020G4LH030
- F020G4LH033



<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

### 2700K

- F020H2LH001
- F020H2LH006
- F020H2LH012
- F020H2LH018
- F020H2LH030
- F020H2LH033

### 3000K

- F020H3LH001
- F020H3LH006
- F020H3LH012
- F020H3LH018
- F020H3LH030
- F020H3LH033

### 4000K

- F020H4LH001
- F020H4LH006
- F020H4LH012
- F020H4LH018
- F020H4LH030
- F020H4LH033

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

### 2700K

- F020J2LH001
- F020J2LH006
- F020J2LH012
- F020J2LH018
- F020J2LH030
- F020J2LH033

### 3000K

- F020J3LH001
- F020J3LH006
- F020J3LH012
- F020J3LH018
- F020J3LH030
- F020J3LH033

### 4000K

- F020J4LH001
- F020J4LH006
- F020J4LH012
- F020J4LH018
- F020J4LH030
- F020J4LH033

## Outgraze 35 Easy L 900 - Tunable White 2700K÷5700K

**Mid-power Led:** 13W - 681÷859 lm ≠ FIXT 285÷360 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

<sup>1</sup>Tunable White Standard - Schaltplan Nr.4 S. 625 / Wiring diagram n.4 page 625

### 2700K÷5700K

- F020GTLH001
- F020GTLH006
- F020GTLH012
- F020GTLH018
- F020GTLH030
- F020GTLH033



<sup>2</sup>Tunable White Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.5 S. 625 / Wiring diagram n.5 page 625

### 2700K÷5700K

- F020HTLH001
- F020HTLH006
- F020HTLH012
- F020HTLH018
- F020HTLH030
- F020HTLH033

<sup>3</sup>Tunable White Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.6 S. 625 / Wiring diagram n.6 page 625

### 2700K÷5700K

- F020JTLH001
- F020JTLH006
- F020JTLH012
- F020JTLH018
- F020JTLH030
- F020JTLH033

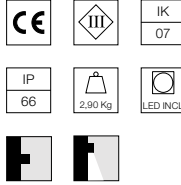
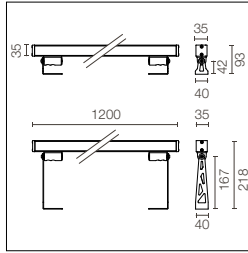
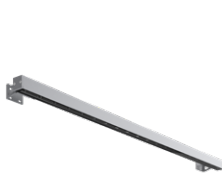
Photometric data on request.

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Wired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Wired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 1200



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte. Sandgestrahtes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires. Sandblasted glass.

**Mid-power Led:** 17,5W - 1817 lm ≠ FIXT 761 lm - 2700K/CRI 80 - 24V / 17,5W - 1975 lm ≠ FIXT 827 lm - 3000K/CRI 80 - 24V / 17,5W - 2133 lm ≠ FIXT 894 lm - 4000K/CRI 80 - 24V

<sup>1</sup>**Standard** - Schaltplan Nr.1 S. 624 / Wiring diagram n.1 page 624

### 2700K

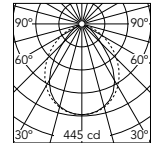
- F020G2MH001
- F020G2MH006
- F020G2MH012
- F020G2MH018
- F020G2MH030
- F020G2MH033

### 3000K

- F020G3MH001
- F020G3MH006
- F020G3MH012
- F020G3MH018
- F020G3MH030
- F020G3MH033

### 4000K

- F020G4MH001
- F020G4MH006
- F020G4MH012
- F020G4MH018
- F020G4MH030
- F020G4MH033



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	445	1.62
2	111	3.23
3	49	4.85
4	28	6.46
5	18	8.08

@4000K

<sup>2</sup>**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.2 S. 624 / Wiring diagram n.2 page 624

### 2700K

- F020H2MH001
- F020H2MH006
- F020H2MH012
- F020H2MH018
- F020H2MH030
- F020H2MH033

### 3000K

- F020H3MH001
- F020H3MH006
- F020H3MH012
- F020H3MH018
- F020H3MH030
- F020H3MH033

### 4000K

- F020H4MH001
- F020H4MH006
- F020H4MH012
- F020H4MH018
- F020H4MH030
- F020H4MH033

<sup>3</sup>**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.3 S. 624 / Wiring diagram n.3 page 624

### 2700K

- F020J2MH001
- F020J2MH006
- F020J2MH012
- F020J2MH018
- F020J2MH030
- F020J2MH033

### 3000K

- F020J3MH001
- F020J3MH006
- F020J3MH012
- F020J3MH018
- F020J3MH030
- F020J3MH033

### 4000K

- F020J4MH001
- F020J4MH006
- F020J4MH012
- F020J4MH018
- F020J4MH030
- F020J4MH033

## Outgraze 35 Easy L 1200 - Tunable White 2700K÷5700K

**Mid-power Led:** 17,5W - 909÷1146 lm ≠ FIXT 381÷480 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

<sup>1</sup>**Tunable White Standard** - Schaltplan Nr.4 S. 625 / Wiring diagram n.4 page 625

### 2700K÷5700K

- F020GTMH001
- F020GTMH006
- F020GTMH012
- F020GTMH018
- F020GTMH030
- F020GTMH033



<sup>2</sup>**Tunable White Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.5 S. 625 / Wiring diagram n.5 page 625

### 2700K÷5700K

- F020HTMH001
- F020HTMH006
- F020HTMH012
- F020HTMH018
- F020HTMH030
- F020HTMH033

<sup>3</sup>**Tunable White Continous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.6 S. 625 / Wiring diagram n.6 page 625

### 2700K÷5700K

- F020JTMH001
- F020JTMH006
- F020JTMH012
- F020JTMH018
- F020JTMH030
- F020JTMH033

Photometric data on request.

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linierverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35

### Zubehör für alle Versionen / Accessories for all versions

Paar kurze Halterungen L  
80 mm.

One pair of short brackets L  
80 mm.

- F1203001
- F1203006
- F1203012
- F1203018
- F1203030
- F1203033



Paar lange Halterungen L  
200 mm.

One pair of long brackets L  
200 mm.

- F1204001
- F1204006
- F1204012
- F1204018
- F1204030
- F1204033



Verbindungssystem, IP68,  
2-Wege-H<sub>2</sub>O-Antikondensat,  
4-polig, (ø5,5÷12mm Kabel).

2 way terminal block 4 poles  
IP68 H<sub>2</sub>O Stop. (ø5,5÷12mm  
cable).

F990C00A000



Verbindungssystem,  
IP68, 3/4-Wege-H<sub>2</sub>O-  
Antikondensat, 4-polig,  
(ø5,5÷12mm Kabel).

3/4 way terminal block  
4 poles IP68 H<sub>2</sub>O Stop.  
(ø5,5÷12mm cable).

F990C010000



## Outgraze 35

### Zubehör für die Versionen Quick Install I H<sub>2</sub>O Stop und Continuous Line I/O H<sub>2</sub>O Stop / Accessories for Quick Install I H<sub>2</sub>O Stop and Continuous Line I/O H<sub>2</sub>O Stop versions

4-poliger Plug&Play-  
Steckverbinder.

Plug&play connector 4  
poles.

F021Z010000



Doppelter 4-poliger  
Plug&Play-Steckverbinder +  
Kabel L 600 mm.

Double plug&play connector  
4 poles + cable 600 mm  
length.

F021Z090000



4-poliger Plug&Play-  
Steckverbinder + Kabel L  
5000 mm.

Plug&play connector 4 poles  
+ cable 5000 mm length.

F021Z100000



Kappe für Einbaustecker (auf  
dem Produkt), 4-5-polig.

Cap for panel (on the fixtures)  
plug connector 4-5 poles.

F021Z070000



## Outgraze 35

### PWM-Schnittstelle (Dimmbarkeit) für die 48 V-Version / PWM interface (Dimming) for 48V version Netzgerät (48 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 48V/240V for interface not included, to be ordered (cod.RF25753 or cod.RF25746)

Steuerungsschnittstelle, 48V  
PWM - DALI IP20 Class III. Vin  
48Vdc 120W. (Netzgerät nicht  
inbegriffen).

Control interface 48V PWM -  
DALI IP20 Class III. Vin 48Vdc  
120W. (Power supply not  
included).

F990B08A000



Steuerungsschnittstelle, 48V  
PWM - 1-10V IP20 Class III.  
Vin 48Vdc 120W. (Netzgerät  
nicht inbegriffen).

Control interface 48V PWM  
- 1-10V IP20 Class III. Vin  
48Vdc 120W. (Power supply  
not included).

F990B15A000





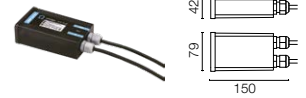
## Outgraze 35

### Netzgerät für die 48 V-Version / Power supply for 48V version

Netzgerät 48V 60W / 110-240V IP67 Klasse II selv eq.

Power supply 48V 60W / 110-240V IP67 Class II selv eq.

RF25753



Netzgerät 48V 240W / 110-240V Einfacher Ausgang DIN RAIL.

Power supply 48V 240W / 110-240V single output DIN RAIL.

RF25746



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.		L 300	L 600	L 900	L 1200
		Acc. RF25753	8	4	2	2
		Acc. RF25746	32	16	10	8

## Outgraze 35

### PWM-Schnittstelle (Dimmbarkeit) für die 24 V-Version / PWM interface (Dimming) for 24V version Netzgerät (24 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 24V/240V for interface not included, to be ordered (cod.F990B28A000, cod.F990B27A000 or cod.F990B29A000)

Steuerungsschnittstelle, 24V PWM - Dali IP20 Class III. Vin 24Vdc 120W. (Netzgerät nicht inbegriffen).

Control interface 24V PWM - Dali IP20 Class III. Vin 24Vdc 120W. (Power supply not included).

F990B07A000



Steuerungsschnittstelle, 24V PWM - 1-10V IP20 Class III. Vin 24Vdc 120W. (Netzgerät nicht inbegriffen).

Control interface 24V PWM - 1-10V IP20 Class III. Vin 24Vdc 120W. (Power supply not included).

F990B14A000



## Outgraze 35

### PWM-Schnittstelle für die 24 V-Tunable White-Version / PWM interface for 24V Tunable White version Netzgerät (24 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 24V/240V for interface not included, to be ordered (cod.F990B28A000, cod.F990B27A000 or cod.F990B29A000)

Steuerungsschnittstelle, 24V PWM 2CH - Dali IP20 Class III. Vin 24Vdc 90W. (Netzgerät nicht inbegriffen).

Control interface 24V PWM 2CH - Dali IP20 Class III. Vin 24Vdc 90W. (Power supply not included).

F990B09A000



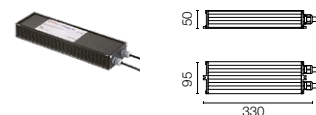
## Outgraze 35

### Netzgerät für die 24 V-Version / Power supply for 24V version

Netzgerät für den Ferneinbau 24V DC 50W / 120-240V IP67 Klasse II selv.

Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv.

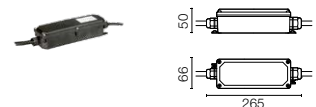
\*F990B28A000



Netzgerät für den Ferneinbau 24V DC 70W / 220-240V IP67 Klasse II selv.

Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv.

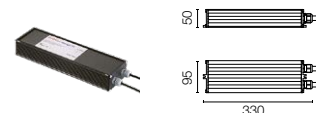
\*F990B27A000



Netzgerät für den Ferneinbau 24V DC 96W / 120-240V IP67 Klasse II selv.

Power supply for remote installation 24V DC 96W / 120-240V IP67 Class II selv.

\*F990B29A000



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

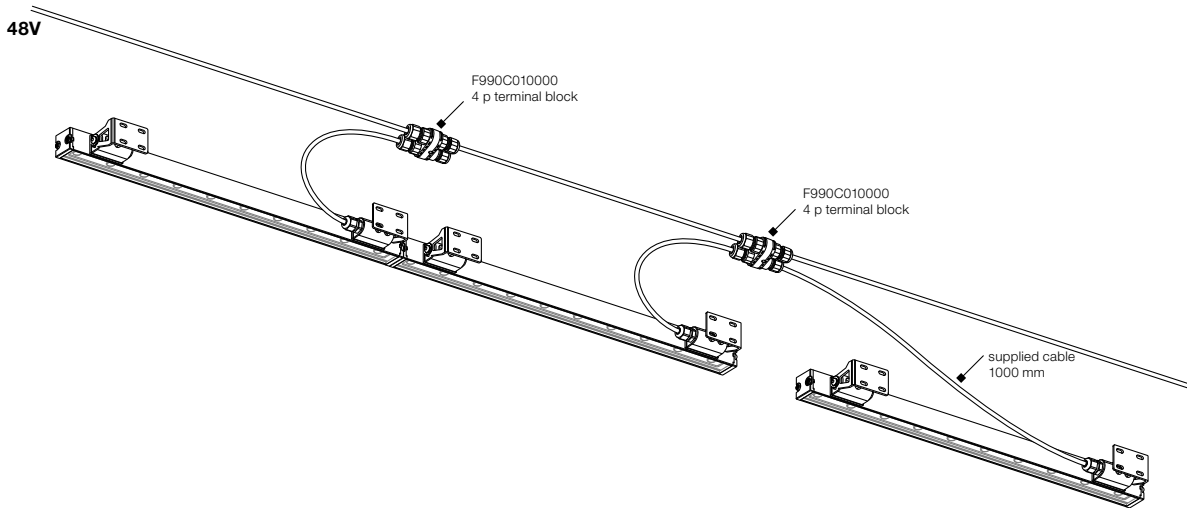
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.		L 300	L 600	L 900	L 1200
		Acc. F990B28A000	6	3	2	2
		Acc. F990B27A000	8	5	3	3
		Acc. F990B29A000	12	6	4	3

# Outgraze 35

## 48V versions

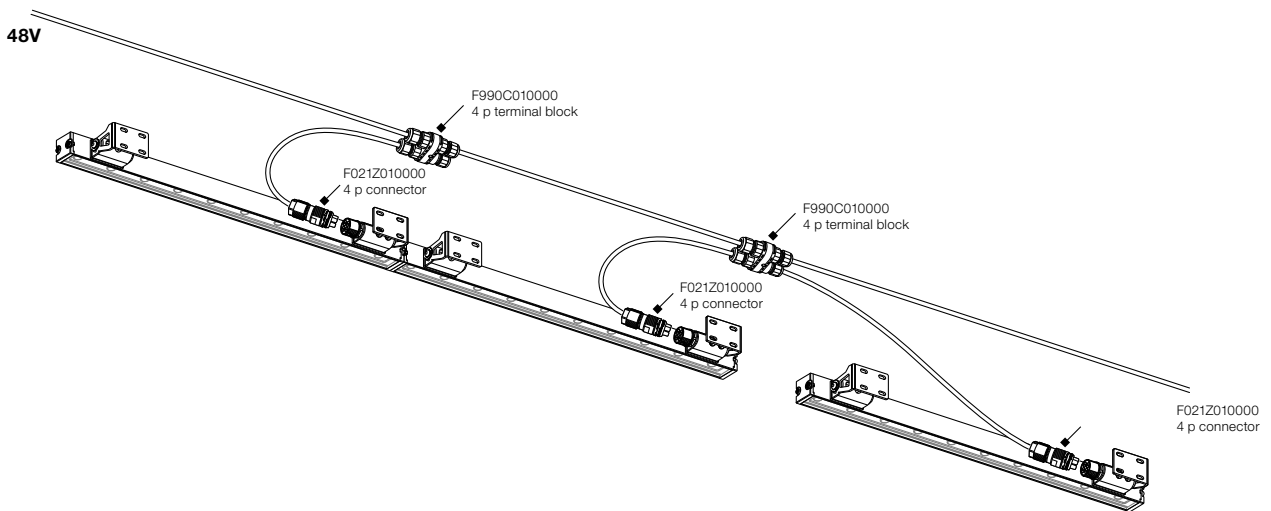
### Schaltplan Nr.1 / Wiring diagram n.1

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered)



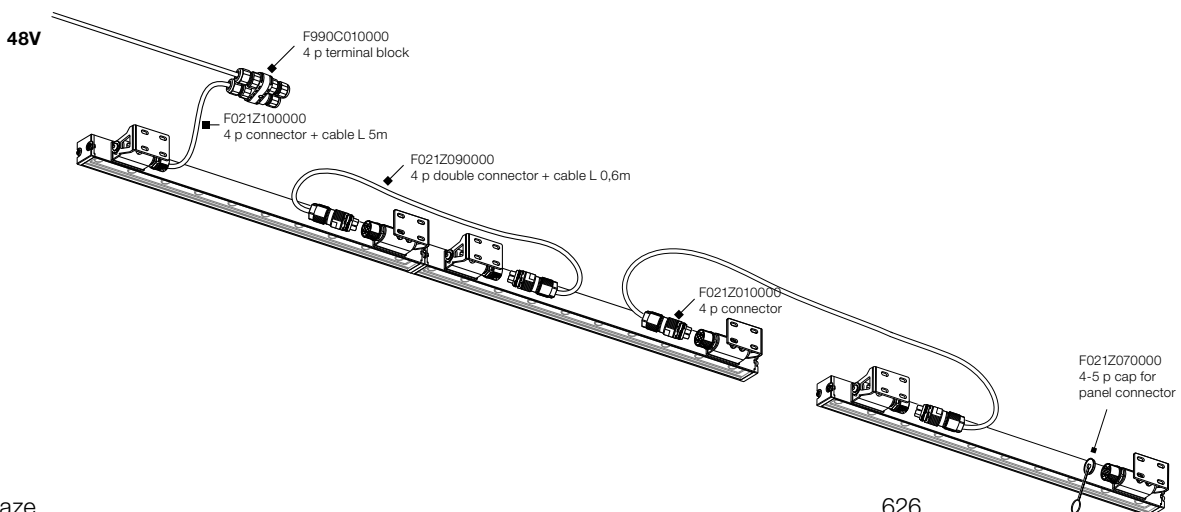
### Schaltplan Nr.2 / Wiring diagram n.2

**Quick Install I H<sub>2</sub>O Stop Fast Connect Version:** Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



### Schaltplan Nr.3 / Wiring diagram n.3

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect:** Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

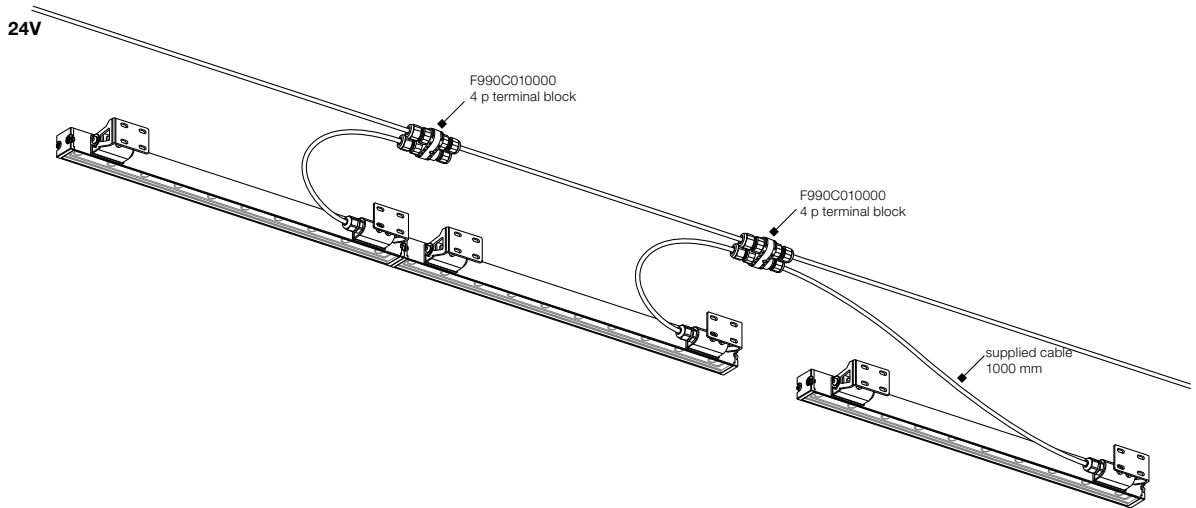


# Outgraze 35

## 24V (Easy) and Tunable White versions

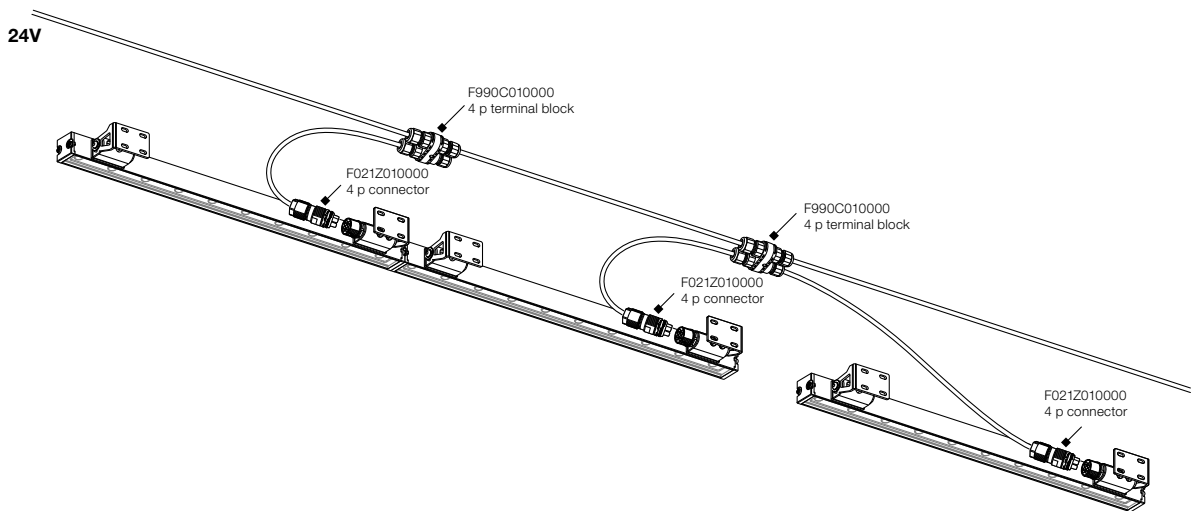
### Schaltplan Nr.4 / Wiring diagram n.4

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered)



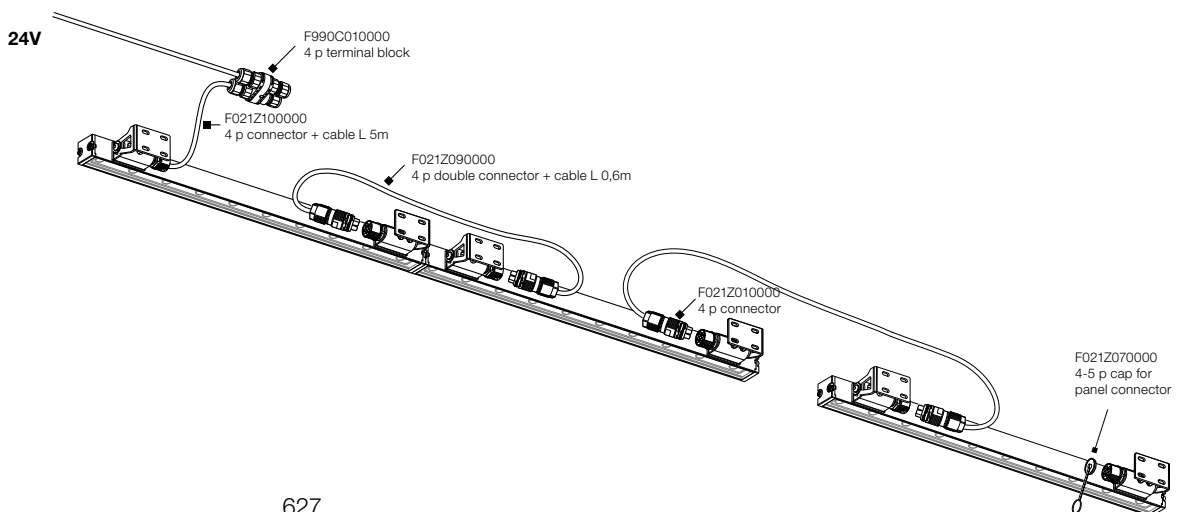
### Schaltplan Nr.5 / Wiring diagram n.5

**Quick Install I H<sub>2</sub>O Stop Fast Connect:** Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

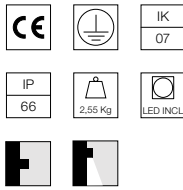
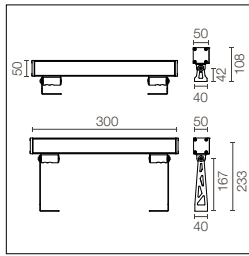


### Schaltplan Nr.6 / Wiring diagram n.6

**Continous Line I/O H<sub>2</sub>O Stop Fast Connect:** Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



# Outgraze 50 L 300 - Non Dimmable



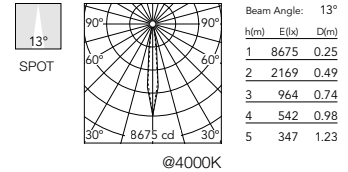
Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 6W - Fluss - 30% lm).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 6W-flux-30% lm).

**Power Led:** 8W - 835 lm ≠ \*FIXT 685 lm - 2700K/CRI 80 - 220-240V / 8W - 864 lm ≠ \*FIXT 709 lm - 3000K/CRI 80 - 220-240V / 8W - 894 lm ≠ \*FIXT 734 lm - 4000K/CRI 80 - 220-240V / \*FIXT lm = Medium Optic

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A11A001 | ○ F021A21A001 | ○ F021A31A001 | ○ F021A41A001 |
| ● F021A11A006 | ● F021A21A006 | ● F021A31A006 | ● F021A41A006 |
| ● F021A11A012 | ● F021A21A012 | ● F021A31A012 | ● F021A41A012 |
| ● F021A11A018 | ● F021A21A018 | ● F021A31A018 | ● F021A41A018 |
| ● F021A11A030 | ● F021A21A030 | ● F021A31A030 | ● F021A41A030 |
| ● F021A11A033 | ● F021A21A033 | ● F021A31A033 | ● F021A41A033 |

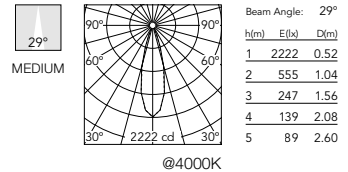


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B11A001 | ○ F021B21A001 | ○ F021B31A001 | ○ F021B41A001 |
| ● F021B11A006 | ● F021B21A006 | ● F021B31A006 | ● F021B41A006 |
| ● F021B11A012 | ● F021B21A012 | ● F021B31A012 | ● F021B41A012 |
| ● F021B11A018 | ● F021B21A018 | ● F021B31A018 | ● F021B41A018 |
| ● F021B11A030 | ● F021B21A030 | ● F021B31A030 | ● F021B41A030 |
| ● F021B11A033 | ● F021B21A033 | ● F021B31A033 | ● F021B41A033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A15A001 | ○ F021A25A001 | ○ F021A35A001 | ○ F021A45A001 |
| ● F021A15A006 | ● F021A25A006 | ● F021A35A006 | ● F021A45A006 |
| ● F021A15A012 | ● F021A25A012 | ● F021A35A012 | ● F021A45A012 |
| ● F021A15A018 | ● F021A25A018 | ● F021A35A018 | ● F021A45A018 |
| ● F021A15A030 | ● F021A25A030 | ● F021A35A030 | ● F021A45A030 |
| ● F021A15A033 | ● F021A25A033 | ● F021A35A033 | ● F021A45A033 |

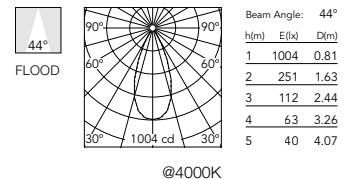


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B15A001 | ○ F021B25A001 | ○ F021B35A001 | ○ F021B45A001 |
| ● F021B15A006 | ● F021B25A006 | ● F021B35A006 | ● F021B45A006 |
| ● F021B15A012 | ● F021B25A012 | ● F021B35A012 | ● F021B45A012 |
| ● F021B15A018 | ● F021B25A018 | ● F021B35A018 | ● F021B45A018 |
| ● F021B15A030 | ● F021B25A030 | ● F021B35A030 | ● F021B45A030 |
| ● F021B15A033 | ● F021B25A033 | ● F021B35A033 | ● F021B45A033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1AA001 | ○ F021A2AA001 | ○ F021A3AA001 | ○ F021A4AA001 |
| ● F021A1AA006 | ● F021A2AA006 | ● F021A3AA006 | ● F021A4AA006 |
| ● F021A1AA012 | ● F021A2AA012 | ● F021A3AA012 | ● F021A4AA012 |
| ● F021A1AA018 | ● F021A2AA018 | ● F021A3AA018 | ● F021A4AA018 |
| ● F021A1AA030 | ● F021A2AA030 | ● F021A3AA030 | ● F021A4AA030 |
| ● F021A1AA033 | ● F021A2AA033 | ● F021A3AA033 | ● F021A4AA033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

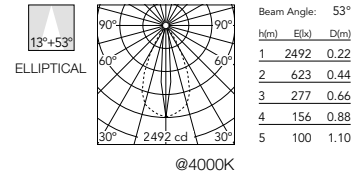
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1AA001 | ○ F021B2AA001 | ○ F021B3AA001 | ○ F021B4AA001 |
| ● F021B1AA006 | ● F021B2AA006 | ● F021B3AA006 | ● F021B4AA006 |
| ● F021B1AA012 | ● F021B2AA012 | ● F021B3AA012 | ● F021B4AA012 |
| ● F021B1AA018 | ● F021B2AA018 | ● F021B3AA018 | ● F021B4AA018 |
| ● F021B1AA030 | ● F021B2AA030 | ● F021B3AA030 | ● F021B4AA030 |
| ● F021B1AA033 | ● F021B2AA033 | ● F021B3AA033 | ● F021B4AA033 |

\*Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

\*Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1EA001 | ○ F021A2EA001 | ○ F021A3EA001 | ○ F021A4EA001 |
| ● F021A1EA006 | ● F021A2EA006 | ● F021A3EA006 | ● F021A4EA006 |
| ● F021A1EA012 | ● F021A2EA012 | ● F021A3EA012 | ● F021A4EA012 |
| ● F021A1EA018 | ● F021A2EA018 | ● F021A3EA018 | ● F021A4EA018 |
| ● F021A1EA030 | ● F021A2EA030 | ● F021A3EA030 | ● F021A4EA030 |
| ● F021A1EA033 | ● F021A2EA033 | ● F021A3EA033 | ● F021A4EA033 |

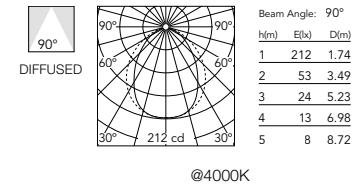


**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1EA001 | ○ F021B2EA001 | ○ F021B3EA001 | ○ F021B4EA001 |
| ● F021B1EA006 | ● F021B2EA006 | ● F021B3EA006 | ● F021B4EA006 |
| ● F021B1EA012 | ● F021B2EA012 | ● F021B3EA012 | ● F021B4EA012 |
| ● F021B1EA018 | ● F021B2EA018 | ● F021B3EA018 | ● F021B4EA018 |
| ● F021B1EA030 | ● F021B2EA030 | ● F021B3EA030 | ● F021B4EA030 |
| ● F021B1EA033 | ● F021B2EA033 | ● F021B3EA033 | ● F021B4EA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

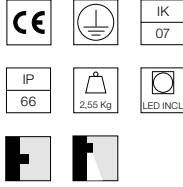
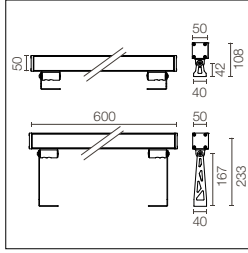
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1JA001 | ○ F021A2JA001 | ○ F021A3JA001 | ○ F021A4JA001 |
| ● F021A1JA006 | ● F021A2JA006 | ● F021A3JA006 | ● F021A4JA006 |
| ● F021A1JA012 | ● F021A2JA012 | ● F021A3JA012 | ● F021A4JA012 |
| ● F021A1JA018 | ● F021A2JA018 | ● F021A3JA018 | ● F021A4JA018 |
| ● F021A1JA030 | ● F021A2JA030 | ● F021A3JA030 | ● F021A4JA030 |
| ● F021A1JA033 | ● F021A2JA033 | ● F021A3JA033 | ● F021A4JA033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1JA001 | ○ F021B2JA001 | ○ F021B3JA001 | ○ F021B4JA001 |
| ● F021B1JA006 | ● F021B2JA006 | ● F021B3JA006 | ● F021B4JA006 |
| ● F021B1JA012 | ● F021B2JA012 | ● F021B3JA012 | ● F021B4JA012 |
| ● F021B1JA018 | ● F021B2JA018 | ● F021B3JA018 | ● F021B4JA018 |
| ● F021B1JA030 | ● F021B2JA030 | ● F021B3JA030 | ● F021B4JA030 |
| ● F021B1JA033 | ● F021B2JA033 | ● F021B3JA033 | ● F021B4JA033 |

# Outgraze 50 L 600 - Non Dimmable



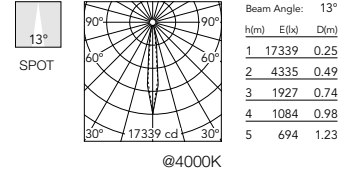
Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 10,5W - flux -30% Im).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 10,5W - flux -30% Im).

**Power Led:** 14,5W - 1669 lm ≠ \*FIXT 1369 lm - 2700K/CRI 80 - 220-240V /14,5W - 1729 lm ≠ \*FIXT 1418 lm - 3000K/CRI 80 - 220-240V / 14,5W - 1788 lm ≠ \*FIXT 1467 lm - 4000K/CRI 80 -220-240V  
\*FIXT lm = Medium Optic

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A12A001 | ○ F021A22A001 | ○ F021A32A001 | ○ F021A42A001 |
| ● F021A12A006 | ● F021A22A006 | ● F021A32A006 | ● F021A42A006 |
| ● F021A12A012 | ● F021A22A012 | ● F021A32A012 | ● F021A42A012 |
| ● F021A12A018 | ● F021A22A018 | ● F021A32A018 | ● F021A42A018 |
| ● F021A12A030 | ● F021A22A030 | ● F021A32A030 | ● F021A42A030 |
| ● F021A12A033 | ● F021A22A033 | ● F021A32A033 | ● F021A42A033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

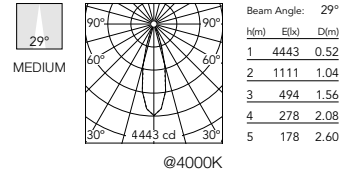
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B12A001 | ○ F021B22A001 | ○ F021B32A001 | ○ F021B42A001 |
| ● F021B12A006 | ● F021B22A006 | ● F021B32A006 | ● F021B42A006 |
| ● F021B12A012 | ● F021B22A012 | ● F021B32A012 | ● F021B42A012 |
| ● F021B12A018 | ● F021B22A018 | ● F021B32A018 | ● F021B42A018 |
| ● F021B12A030 | ● F021B22A030 | ● F021B32A030 | ● F021B42A030 |
| ● F021B12A033 | ● F021B22A033 | ● F021B32A033 | ● F021B42A033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C12A001 | ○ F021C22A001 | ○ F021C32A001 | ○ F021C42A001 |
| ● F021C12A006 | ● F021C22A006 | ● F021C32A006 | ● F021C42A006 |
| ● F021C12A012 | ● F021C22A012 | ● F021C32A012 | ● F021C42A012 |
| ● F021C12A018 | ● F021C22A018 | ● F021C32A018 | ● F021C42A018 |
| ● F021C12A030 | ● F021C22A030 | ● F021C32A030 | ● F021C42A030 |
| ● F021C12A033 | ● F021C22A033 | ● F021C32A033 | ● F021C42A033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A16A001 | ○ F021A26A001 | ○ F021A36A001 | ○ F021A46A001 |
| ● F021A16A006 | ● F021A26A006 | ● F021A36A006 | ● F021A46A006 |
| ● F021A16A012 | ● F021A26A012 | ● F021A36A012 | ● F021A46A012 |
| ● F021A16A018 | ● F021A26A018 | ● F021A36A018 | ● F021A46A018 |
| ● F021A16A030 | ● F021A26A030 | ● F021A36A030 | ● F021A46A030 |
| ● F021A16A033 | ● F021A26A033 | ● F021A36A033 | ● F021A46A033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B16A001 | ○ F021B26A001 | ○ F021B36A001 | ○ F021B46A001 |
| ● F021B16A006 | ● F021B26A006 | ● F021B36A006 | ● F021B46A006 |
| ● F021B16A012 | ● F021B26A012 | ● F021B36A012 | ● F021B46A012 |
| ● F021B16A018 | ● F021B26A018 | ● F021B36A018 | ● F021B46A018 |
| ● F021B16A030 | ● F021B26A030 | ● F021B36A030 | ● F021B46A030 |
| ● F021B16A033 | ● F021B26A033 | ● F021B36A033 | ● F021B46A033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C16A001 | ○ F021C26A001 | ○ F021C36A001 | ○ F021C46A001 |
| ● F021C16A006 | ● F021C26A006 | ● F021C36A006 | ● F021C46A006 |
| ● F021C16A012 | ● F021C26A012 | ● F021C36A012 | ● F021C46A012 |
| ● F021C16A018 | ● F021C26A018 | ● F021C36A018 | ● F021C46A018 |
| ● F021C16A030 | ● F021C26A030 | ● F021C36A030 | ● F021C46A030 |
| ● F021C16A033 | ● F021C26A033 | ● F021C36A033 | ● F021C46A033 |

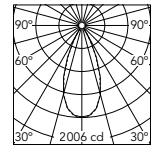
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1BA001 | ○ F021A2BA001 | ○ F021A3BA001 | ○ F021A4BA001 |
| ● F021A1BA006 | ● F021A2BA006 | ● F021A3BA006 | ● F021A4BA006 |
| ● F021A1BA012 | ● F021A2BA012 | ● F021A3BA012 | ● F021A4BA012 |
| ● F021A1BA018 | ● F021A2BA018 | ● F021A3BA018 | ● F021A4BA018 |
| ● F021A1BA030 | ● F021A2BA030 | ● F021A3BA030 | ● F021A4BA030 |
| ● F021A1BA033 | ● F021A2BA033 | ● F021A3BA033 | ● F021A4BA033 |



@4000K

Beam Angle: 44°

h(m)	E(lx)	D(m)
1	2006	0.81
2	501	1.63
3	223	2.44
4	125	3.26
5	80	4.07

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

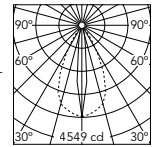
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1BA001 | ○ F021B2BA001 | ○ F021B3BA001 | ○ F021B4BA001 |
| ● F021B1BA006 | ● F021B2BA006 | ● F021B3BA006 | ● F021B4BA006 |
| ● F021B1BA012 | ● F021B2BA012 | ● F021B3BA012 | ● F021B4BA012 |
| ● F021B1BA018 | ● F021B2BA018 | ● F021B3BA018 | ● F021B4BA018 |
| ● F021B1BA030 | ● F021B2BA030 | ● F021B3BA030 | ● F021B4BA030 |
| ● F021B1BA033 | ● F021B2BA033 | ● F021B3BA033 | ● F021B4BA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1BA001 | ○ F021C2BA001 | ○ F021C3BA001 | ○ F021C4BA001 |
| ● F021C1BA006 | ● F021C2BA006 | ● F021C3BA006 | ● F021C4BA006 |
| ● F021C1BA012 | ● F021C2BA012 | ● F021C3BA012 | ● F021C4BA012 |
| ● F021C1BA018 | ● F021C2BA018 | ● F021C3BA018 | ● F021C4BA018 |
| ● F021C1BA030 | ● F021C2BA030 | ● F021C3BA030 | ● F021C4BA030 |
| ● F021C1BA033 | ● F021C2BA033 | ● F021C3BA033 | ● F021C4BA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1FA001 | ○ F021A2FA001 | ○ F021A3FA001 | ○ F021A4FA001 |
| ● F021A1FA006 | ● F021A2FA006 | ● F021A3FA006 | ● F021A4FA006 |
| ● F021A1FA012 | ● F021A2FA012 | ● F021A3FA012 | ● F021A4FA012 |
| ● F021A1FA018 | ● F021A2FA018 | ● F021A3FA018 | ● F021A4FA018 |
| ● F021A1FA030 | ● F021A2FA030 | ● F021A3FA030 | ● F021A4FA030 |
| ● F021A1FA033 | ● F021A2FA033 | ● F021A3FA033 | ● F021A4FA033 |



@4000K

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	4549	0.22
2	1137	0.44
3	505	0.66
4	284	0.88
5	182	1.10

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

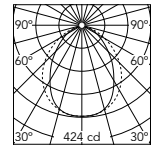
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1FA001 | ○ F021B2FA001 | ○ F021B3FA001 | ○ F021B4FA001 |
| ● F021B1FA006 | ● F021B2FA006 | ● F021B3FA006 | ● F021B4FA006 |
| ● F021B1FA012 | ● F021B2FA012 | ● F021B3FA012 | ● F021B4FA012 |
| ● F021B1FA018 | ● F021B2FA018 | ● F021B3FA018 | ● F021B4FA018 |
| ● F021B1FA030 | ● F021B2FA030 | ● F021B3FA030 | ● F021B4FA030 |
| ● F021B1FA033 | ● F021B2FA033 | ● F021B3FA033 | ● F021B4FA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1FA001 | ○ F021C2FA001 | ○ F021C3FA001 | ○ F021C4FA001 |
| ● F021C1FA006 | ● F021C2FA006 | ● F021C3FA006 | ● F021C4FA006 |
| ● F021C1FA012 | ● F021C2FA012 | ● F021C3FA012 | ● F021C4FA012 |
| ● F021C1FA018 | ● F021C2FA018 | ● F021C3FA018 | ● F021C4FA018 |
| ● F021C1FA030 | ● F021C2FA030 | ● F021C3FA030 | ● F021C4FA030 |
| ● F021C1FA033 | ● F021C2FA033 | ● F021C3FA033 | ● F021C4FA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1KA001 | ○ F021A2KA001 | ○ F021A3KA001 | ○ F021A4KA001 |
| ● F021A1KA006 | ● F021A2KA006 | ● F021A3KA006 | ● F021A4KA006 |
| ● F021A1KA012 | ● F021A2KA012 | ● F021A3KA012 | ● F021A4KA012 |
| ● F021A1KA018 | ● F021A2KA018 | ● F021A3KA018 | ● F021A4KA018 |
| ● F021A1KA030 | ● F021A2KA030 | ● F021A3KA030 | ● F021A4KA030 |
| ● F021A1KA033 | ● F021A2KA033 | ● F021A3KA033 | ● F021A4KA033 |



@4000K

Beam Angle: 90°

h(m)	E(lx)	D(m)
1	424	1.74
2	106	3.49
3	47	5.23
4	26	6.98
5	17	8.72

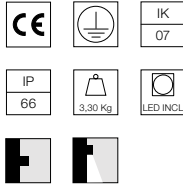
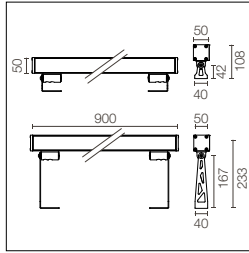
**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1KA001 | ○ F021B2KA001 | ○ F021B3KA001 | ○ F021B4KA001 |
| ● F021B1KA006 | ● F021B2KA006 | ● F021B3KA006 | ● F021B4KA006 |
| ● F021B1KA012 | ● F021B2KA012 | ● F021B3KA012 | ● F021B4KA012 |
| ● F021B1KA018 | ● F021B2KA018 | ● F021B3KA018 | ● F021B4KA018 |
| ● F021B1KA030 | ● F021B2KA030 | ● F021B3KA030 | ● F021B4KA030 |
| ● F021B1KA033 | ● F021B2KA033 | ● F021B3KA033 | ● F021B4KA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1KA001 | ○ F021C2KA001 | ○ F021C3KA001 | ○ F021C4KA001 |
| ● F021C1KA006 | ● F021C2KA006 | ● F021C3KA006 | ● F021C4KA006 |
| ● F021C1KA012 | ● F021C2KA012 | ● F021C3KA012 | ● F021C4KA012 |
| ● F021C1KA018 | ● F021C2KA018 | ● F021C3KA018 | ● F021C4KA018 |
| ● F021C1KA030 | ● F021C2KA030 | ● F021C3KA030 | ● F021C4KA030 |
| ● F021C1KA033 | ● F021C2KA033 | ● F021C3KA033 | ● F021C4KA033 |

# Outgraze 50 L 900 - Non Dimmable



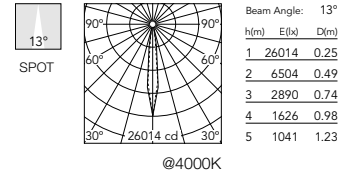
Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 15,5W - flux -30% lm).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 15,5W - flux -30% lm).

**Power Led:** 20W - 2504 lm ≠ \*FIXT 2054 lm - 2700K/CRI 80 - 220-240V / 20W - 2593 lm ≠ \*FIXT 2127 lm - 3000K/CRI 80 - 220-240V / 20W - 2683 lm ≠ \*FIXT 2201 lm - 4000K/CRI 80 - 220-240V  
\*FIXT lm = Medium Optic

**1<sup>Standard</sup>** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A13A001 | ○ F021A23A001 | ○ F021A33A001 | ○ F021A43A001 |
| ● F021A13A006 | ● F021A23A006 | ● F021A33A006 | ● F021A43A006 |
| ● F021A13A012 | ● F021A23A012 | ● F021A33A012 | ● F021A43A012 |
| ● F021A13A018 | ● F021A23A018 | ● F021A33A018 | ● F021A43A018 |
| ● F021A13A030 | ● F021A23A030 | ● F021A33A030 | ● F021A43A030 |
| ● F021A13A033 | ● F021A23A033 | ● F021A33A033 | ● F021A43A033 |



**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

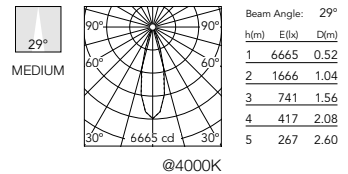
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B13A001 | ○ F021B23A001 | ○ F021B33A001 | ○ F021B43A001 |
| ● F021B13A006 | ● F021B23A006 | ● F021B33A006 | ● F021B43A006 |
| ● F021B13A012 | ● F021B23A012 | ● F021B33A012 | ● F021B43A012 |
| ● F021B13A018 | ● F021B23A018 | ● F021B33A018 | ● F021B43A018 |
| ● F021B13A030 | ● F021B23A030 | ● F021B33A030 | ● F021B43A030 |
| ● F021B13A033 | ● F021B23A033 | ● F021B33A033 | ● F021B43A033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C13A001 | ○ F021C23A001 | ○ F021C33A001 | ○ F021C43A001 |
| ● F021C13A006 | ● F021C23A006 | ● F021C33A006 | ● F021C43A006 |
| ● F021C13A012 | ● F021C23A012 | ● F021C33A012 | ● F021C43A012 |
| ● F021C13A018 | ● F021C23A018 | ● F021C33A018 | ● F021C43A018 |
| ● F021C13A030 | ● F021C23A030 | ● F021C33A030 | ● F021C43A030 |
| ● F021C13A033 | ● F021C23A033 | ● F021C33A033 | ● F021C43A033 |

**1<sup>Standard</sup>** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A17A001 | ○ F021A27A001 | ○ F021A37A001 | ○ F021A47A001 |
| ● F021A17A006 | ● F021A27A006 | ● F021A37A006 | ● F021A47A006 |
| ● F021A17A012 | ● F021A27A012 | ● F021A37A012 | ● F021A47A012 |
| ● F021A17A018 | ● F021A27A018 | ● F021A37A018 | ● F021A47A018 |
| ● F021A17A030 | ● F021A27A030 | ● F021A37A030 | ● F021A47A030 |
| ● F021A17A033 | ● F021A27A033 | ● F021A37A033 | ● F021A47A033 |



**2<sup>Quick Install I H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B17A001 | ○ F021B27A001 | ○ F021B37A001 | ○ F021B47A001 |
| ● F021B17A006 | ● F021B27A006 | ● F021B37A006 | ● F021B47A006 |
| ● F021B17A012 | ● F021B27A012 | ● F021B37A012 | ● F021B47A012 |
| ● F021B17A018 | ● F021B27A018 | ● F021B37A018 | ● F021B47A018 |
| ● F021B17A030 | ● F021B27A030 | ● F021B37A030 | ● F021B47A030 |
| ● F021B17A033 | ● F021B27A033 | ● F021B37A033 | ● F021B47A033 |

**3<sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect</sup>** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C17A001 | ○ F021C27A001 | ○ F021C37A001 | ○ F021C47A001 |
| ● F021C17A006 | ● F021C27A006 | ● F021C37A006 | ● F021C47A006 |
| ● F021C17A012 | ● F021C27A012 | ● F021C37A012 | ● F021C47A012 |
| ● F021C17A018 | ● F021C27A018 | ● F021C37A018 | ● F021C47A018 |
| ● F021C17A030 | ● F021C27A030 | ● F021C37A030 | ● F021C47A030 |
| ● F021C17A033 | ● F021C27A033 | ● F021C37A033 | ● F021C47A033 |

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

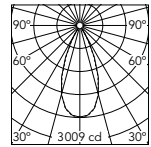
<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).



**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1CA001 | ○ F021A2CA001 | ○ F021A3CA001 | ○ F021A4CA001 |
| ● F021A1CA006 | ● F021A2CA006 | ● F021A3CA006 | ● F021A4CA006 |
| ● F021A1CA012 | ● F021A2CA012 | ● F021A3CA012 | ● F021A4CA012 |
| ● F021A1CA018 | ● F021A2CA018 | ● F021A3CA018 | ● F021A4CA018 |
| ● F021A1CA030 | ● F021A2CA030 | ● F021A3CA030 | ● F021A4CA030 |
| ● F021A1CA033 | ● F021A2CA033 | ● F021A3CA033 | ● F021A4CA033 |



Beam Angle: 44°

h(m)	E(lx)	D(m)
1	3009	0.81
2	752	1.63
3	334	2.44
4	188	3.26
5	120	4.07

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

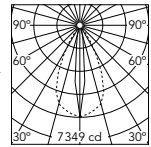
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1CA001 | ○ F021B2CA001 | ○ F021B3CA001 | ○ F021B4CA001 |
| ● F021B1CA006 | ● F021B2CA006 | ● F021B3CA006 | ● F021B4CA006 |
| ● F021B1CA012 | ● F021B2CA012 | ● F021B3CA012 | ● F021B4CA012 |
| ● F021B1CA018 | ● F021B2CA018 | ● F021B3CA018 | ● F021B4CA018 |
| ● F021B1CA030 | ● F021B2CA030 | ● F021B3CA030 | ● F021B4CA030 |
| ● F021B1CA033 | ● F021B2CA033 | ● F021B3CA033 | ● F021B4CA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1CA001 | ○ F021C2CA001 | ○ F021C3CA001 | ○ F021C4CA001 |
| ● F021C1CA006 | ● F021C2CA006 | ● F021C3CA006 | ● F021C4CA006 |
| ● F021C1CA012 | ● F021C2CA012 | ● F021C3CA012 | ● F021C4CA012 |
| ● F021C1CA018 | ● F021C2CA018 | ● F021C3CA018 | ● F021C4CA018 |
| ● F021C1CA030 | ● F021C2CA030 | ● F021C3CA030 | ● F021C4CA030 |
| ● F021C1CA033 | ● F021C2CA033 | ● F021C3CA033 | ● F021C4CA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1GA001 | ○ F021A2GA001 | ○ F021A3GA001 | ○ F021A4GA001 |
| ● F021A1GA006 | ● F021A2GA006 | ● F021A3GA006 | ● F021A4GA006 |
| ● F021A1GA012 | ● F021A2GA012 | ● F021A3GA012 | ● F021A4GA012 |
| ● F021A1GA018 | ● F021A2GA018 | ● F021A3GA018 | ● F021A4GA018 |
| ● F021A1GA030 | ● F021A2GA030 | ● F021A3GA030 | ● F021A4GA030 |
| ● F021A1GA033 | ● F021A2GA033 | ● F021A3GA033 | ● F021A4GA033 |



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	7349	0.22
2	1837	0.44
3	817	0.66
4	459	0.88
5	294	1.10

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

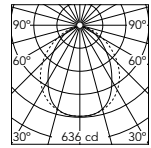
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1GA001 | ○ F021B2GA001 | ○ F021B3GA001 | ○ F021B4GA001 |
| ● F021B1GA006 | ● F021B2GA006 | ● F021B3GA006 | ● F021B4GA006 |
| ● F021B1GA012 | ● F021B2GA012 | ● F021B3GA012 | ● F021B4GA012 |
| ● F021B1GA018 | ● F021B2GA018 | ● F021B3GA018 | ● F021B4GA018 |
| ● F021B1GA030 | ● F021B2GA030 | ● F021B3GA030 | ● F021B4GA030 |
| ● F021B1GA033 | ● F021B2GA033 | ● F021B3GA033 | ● F021B4GA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1GA001 | ○ F021C2GA001 | ○ F021C3GA001 | ○ F021C4GA001 |
| ● F021C1GA006 | ● F021C2GA006 | ● F021C3GA006 | ● F021C4GA006 |
| ● F021C1GA012 | ● F021C2GA012 | ● F021C3GA012 | ● F021C4GA012 |
| ● F021C1GA018 | ● F021C2GA018 | ● F021C3GA018 | ● F021C4GA018 |
| ● F021C1GA030 | ● F021C2GA030 | ● F021C3GA030 | ● F021C4GA030 |
| ● F021C1GA033 | ● F021C2GA033 | ● F021C3GA033 | ● F021C4GA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1LA001 | ○ F021A2LA001 | ○ F021A3LA001 | ○ F021A4LA001 |
| ● F021A1LA006 | ● F021A2LA006 | ● F021A3LA006 | ● F021A4LA006 |
| ● F021A1LA012 | ● F021A2LA012 | ● F021A3LA012 | ● F021A4LA012 |
| ● F021A1LA018 | ● F021A2LA018 | ● F021A3LA018 | ● F021A4LA018 |
| ● F021A1LA030 | ● F021A2LA030 | ● F021A3LA030 | ● F021A4LA030 |
| ● F021A1LA033 | ● F021A2LA033 | ● F021A3LA033 | ● F021A4LA033 |



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	636	1.74
2	159	3.49
3	71	5.23
4	40	6.98
5	25	8.72

@4000K

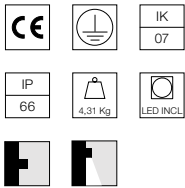
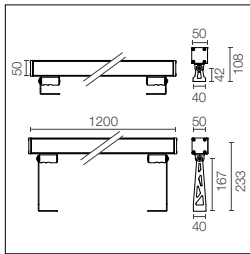
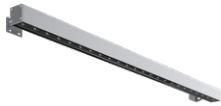
**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1LA001 | ○ F021B2LA001 | ○ F021B3LA001 | ○ F021B4LA001 |
| ● F021B1LA006 | ● F021B2LA006 | ● F021B3LA006 | ● F021B4LA006 |
| ● F021B1LA012 | ● F021B2LA012 | ● F021B3LA012 | ● F021B4LA012 |
| ● F021B1LA018 | ● F021B2LA018 | ● F021B3LA018 | ● F021B4LA018 |
| ● F021B1LA030 | ● F021B2LA030 | ● F021B3LA030 | ● F021B4LA030 |
| ● F021B1LA033 | ● F021B2LA033 | ● F021B3LA033 | ● F021B4LA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1LA001 | ○ F021C2LA001 | ○ F021C3LA001 | ○ F021C4LA001 |
| ● F021C1LA006 | ● F021C2LA006 | ● F021C3LA006 | ● F021C4LA006 |
| ● F021C1LA012 | ● F021C2LA012 | ● F021C3LA012 | ● F021C4LA012 |
| ● F021C1LA018 | ● F021C2LA018 | ● F021C3LA018 | ● F021C4LA018 |
| ● F021C1LA030 | ● F021C2LA030 | ● F021C3LA030 | ● F021C4LA030 |
| ● F021C1LA033 | ● F021C2LA033 | ● F021C3LA033 | ● F021C4LA033 |

# Outgraze 50 L 1200 - Non Dimmable



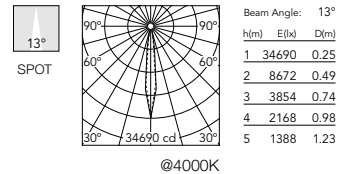
Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 18,5W - flux -30% Im).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 18,5W - flux -30% Im).

**Power Led:** 27W - 3338 lm ≠ \*FIXT 2739 lm - 2700K/CRI 80 - 220-240V / 27W - 3458 lm ≠ \*FIXT 2836 lm - 3000K/CRI 80 - 220-240V / 27W - 3577 lm ≠ \*FIXT 2934 lm - 4000K/CRI 80 - 220-240V  
 \*FIXT lm = Medium Optic

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A14A001 | ○ F021A24A001 | ○ F021A34A001 | ○ F021A44A001 |
| ● F021A14A006 | ● F021A24A006 | ● F021A34A006 | ● F021A44A006 |
| ● F021A14A012 | ● F021A24A012 | ● F021A34A012 | ● F021A44A012 |
| ● F021A14A018 | ● F021A24A018 | ● F021A34A018 | ● F021A44A018 |
| ● F021A14A030 | ● F021A24A030 | ● F021A34A030 | ● F021A44A030 |
| ● F021A14A033 | ● F021A24A033 | ● F021A34A033 | ● F021A44A033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

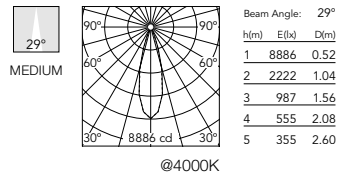
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B14A001 | ○ F021B24A001 | ○ F021B34A001 | ○ F021B44A001 |
| ● F021B14A006 | ● F021B24A006 | ● F021B34A006 | ● F021B44A006 |
| ● F021B14A012 | ● F021B24A012 | ● F021B34A012 | ● F021B44A012 |
| ● F021B14A018 | ● F021B24A018 | ● F021B34A018 | ● F021B44A018 |
| ● F021B14A030 | ● F021B24A030 | ● F021B34A030 | ● F021B44A030 |
| ● F021B14A033 | ● F021B24A033 | ● F021B34A033 | ● F021B44A033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C14A001 | ○ F021C24A001 | ○ F021C34A001 | ○ F021C44A001 |
| ● F021C14A006 | ● F021C24A006 | ● F021C34A006 | ● F021C44A006 |
| ● F021C14A012 | ● F021C24A012 | ● F021C34A012 | ● F021C44A012 |
| ● F021C14A018 | ● F021C24A018 | ● F021C34A018 | ● F021C44A018 |
| ● F021C14A030 | ● F021C24A030 | ● F021C34A030 | ● F021C44A030 |
| ● F021C14A033 | ● F021C24A033 | ● F021C34A033 | ● F021C44A033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A18A001 | ○ F021A28A001 | ○ F021A38A001 | ○ F021A48A001 |
| ● F021A18A006 | ● F021A28A006 | ● F021A38A006 | ● F021A48A006 |
| ● F021A18A012 | ● F021A28A012 | ● F021A38A012 | ● F021A48A012 |
| ● F021A18A018 | ● F021A28A018 | ● F021A38A018 | ● F021A48A018 |
| ● F021A18A030 | ● F021A28A030 | ● F021A38A030 | ● F021A48A030 |
| ● F021A18A033 | ● F021A28A033 | ● F021A38A033 | ● F021A48A033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B18A001 | ○ F021B28A001 | ○ F021B38A001 | ○ F021B48A001 |
| ● F021B18A006 | ● F021B28A006 | ● F021B38A006 | ● F021B48A006 |
| ● F021B18A012 | ● F021B28A012 | ● F021B38A012 | ● F021B48A012 |
| ● F021B18A018 | ● F021B28A018 | ● F021B38A018 | ● F021B48A018 |
| ● F021B18A030 | ● F021B28A030 | ● F021B38A030 | ● F021B48A030 |
| ● F021B18A033 | ● F021B28A033 | ● F021B38A033 | ● F021B48A033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C18A001 | ○ F021C28A001 | ○ F021C38A001 | ○ F021C48A001 |
| ● F021C18A006 | ● F021C28A006 | ● F021C38A006 | ● F021C48A006 |
| ● F021C18A012 | ● F021C28A012 | ● F021C38A012 | ● F021C48A012 |
| ● F021C18A018 | ● F021C28A018 | ● F021C38A018 | ● F021C48A018 |
| ● F021C18A030 | ● F021C28A030 | ● F021C38A030 | ● F021C48A030 |
| ● F021C18A033 | ● F021C28A033 | ● F021C38A033 | ● F021C48A033 |

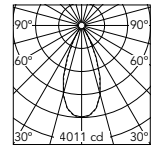
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length wired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1DA001 | ○ F021A2DA001 | ○ F021A3DA001 | ○ F021A4DA001 |
| ● F021A1DA006 | ● F021A2DA006 | ● F021A3DA006 | ● F021A4DA006 |
| ● F021A1DA012 | ● F021A2DA012 | ● F021A3DA012 | ● F021A4DA012 |
| ● F021A1DA018 | ● F021A2DA018 | ● F021A3DA018 | ● F021A4DA018 |
| ● F021A1DA030 | ● F021A2DA030 | ● F021A3DA030 | ● F021A4DA030 |
| ● F021A1DA033 | ● F021A2DA033 | ● F021A3DA033 | ● F021A4DA033 |



Beam Angle: 44°

	h(m)	E(lx)	D(m)
1	4011	0.81	
2	1003	1.63	
3	446	2.44	
4	251	3.26	
5	160	4.07	

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

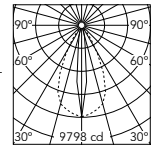
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1DA001 | ○ F021B2DA001 | ○ F021B3DA001 | ○ F021B4DA001 |
| ● F021B1DA006 | ● F021B2DA006 | ● F021B3DA006 | ● F021B4DA006 |
| ● F021B1DA012 | ● F021B2DA012 | ● F021B3DA012 | ● F021B4DA012 |
| ● F021B1DA018 | ● F021B2DA018 | ● F021B3DA018 | ● F021B4DA018 |
| ● F021B1DA030 | ● F021B2DA030 | ● F021B3DA030 | ● F021B4DA030 |
| ● F021B1DA033 | ● F021B2DA033 | ● F021B3DA033 | ● F021B4DA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1DA001 | ○ F021C2DA001 | ○ F021C3DA001 | ○ F021C4DA001 |
| ● F021C1DA006 | ● F021C2DA006 | ● F021C3DA006 | ● F021C4DA006 |
| ● F021C1DA012 | ● F021C2DA012 | ● F021C3DA012 | ● F021C4DA012 |
| ● F021C1DA018 | ● F021C2DA018 | ● F021C3DA018 | ● F021C4DA018 |
| ● F021C1DA030 | ● F021C2DA030 | ● F021C3DA030 | ● F021C4DA030 |
| ● F021C1DA033 | ● F021C2DA033 | ● F021C3DA033 | ● F021C4DA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1HA001 | ○ F021A2HA001 | ○ F021A3HA001 | ○ F021A4HA001 |
| ● F021A1HA006 | ● F021A2HA006 | ● F021A3HA006 | ● F021A4HA006 |
| ● F021A1HA012 | ● F021A2HA012 | ● F021A3HA012 | ● F021A4HA012 |
| ● F021A1HA018 | ● F021A2HA018 | ● F021A3HA018 | ● F021A4HA018 |
| ● F021A1HA030 | ● F021A2HA030 | ● F021A3HA030 | ● F021A4HA030 |
| ● F021A1HA033 | ● F021A2HA033 | ● F021A3HA033 | ● F021A4HA033 |



Beam Angle: 53°

	h(m)	E(lx)	D(m)
1	9798	0.22	
2	2450	0.44	
3	1089	0.66	
4	612	0.88	
5	392	1.10	

@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

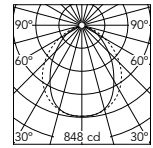
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1HA001 | ○ F021B2HA001 | ○ F021B3HA001 | ○ F021B4HA001 |
| ● F021B1HA006 | ● F021B2HA006 | ● F021B3HA006 | ● F021B4HA006 |
| ● F021B1HA012 | ● F021B2HA012 | ● F021B3HA012 | ● F021B4HA012 |
| ● F021B1HA018 | ● F021B2HA018 | ● F021B3HA018 | ● F021B4HA018 |
| ● F021B1HA030 | ● F021B2HA030 | ● F021B3HA030 | ● F021B4HA030 |
| ● F021B1HA033 | ● F021B2HA033 | ● F021B3HA033 | ● F021B4HA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1HA001 | ○ F021C2HA001 | ○ F021C3HA001 | ○ F021C4HA001 |
| ● F021C1HA006 | ● F021C2HA006 | ● F021C3HA006 | ● F021C4HA006 |
| ● F021C1HA012 | ● F021C2HA012 | ● F021C3HA012 | ● F021C4HA012 |
| ● F021C1HA018 | ● F021C2HA018 | ● F021C3HA018 | ● F021C4HA018 |
| ● F021C1HA030 | ● F021C2HA030 | ● F021C3HA030 | ● F021C4HA030 |
| ● F021C1HA033 | ● F021C2HA033 | ● F021C3HA033 | ● F021C4HA033 |

**1Standard** - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021A1MA001 | ○ F021A2MA001 | ○ F021A3MA001 | ○ F021A4MA001 |
| ● F021A1MA006 | ● F021A2MA006 | ● F021A3MA006 | ● F021A4MA006 |
| ● F021A1MA012 | ● F021A2MA012 | ● F021A3MA012 | ● F021A4MA012 |
| ● F021A1MA018 | ● F021A2MA018 | ● F021A3MA018 | ● F021A4MA018 |
| ● F021A1MA030 | ● F021A2MA030 | ● F021A3MA030 | ● F021A4MA030 |
| ● F021A1MA033 | ● F021A2MA033 | ● F021A3MA033 | ● F021A4MA033 |



Beam Angle: 90°

	h(m)	E(lx)	D(m)
1	848	1.74	
2	212	3.49	
3	94	5.23	
4	53	6.98	
5	34	8.72	

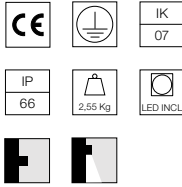
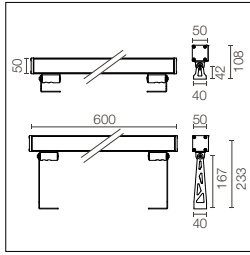
@4000K

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1MA001 | ○ F021B2MA001 | ○ F021B3MA001 | ○ F021B4MA001 |
| ● F021B1MA006 | ● F021B2MA006 | ● F021B3MA006 | ● F021B4MA006 |
| ● F021B1MA012 | ● F021B2MA012 | ● F021B3MA012 | ● F021B4MA012 |
| ● F021B1MA018 | ● F021B2MA018 | ● F021B3MA018 | ● F021B4MA018 |
| ● F021B1MA030 | ● F021B2MA030 | ● F021B3MA030 | ● F021B4MA030 |
| ● F021B1MA033 | ● F021B2MA033 | ● F021B3MA033 | ● F021B4MA033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1MA001 | ○ F021C2MA001 | ○ F021C3MA001 | ○ F021C4MA001 |
| ● F021C1MA006 | ● F021C2MA006 | ● F021C3MA006 | ● F021C4MA006 |
| ● F021C1MA012 | ● F021C2MA012 | ● F021C3MA012 | ● F021C4MA012 |
| ● F021C1MA018 | ● F021C2MA018 | ● F021C3MA018 | ● F021C4MA018 |
| ● F021C1MA030 | ● F021C2MA030 | ● F021C3MA030 | ● F021C4MA030 |
| ● F021C1MA033 | ● F021C2MA033 | ● F021C3MA033 | ● F021C4MA033 |



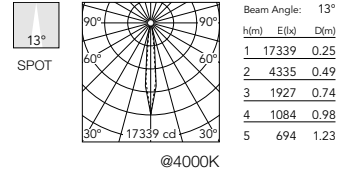
Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 7W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSED version with sandblasted glass. SMART dimmable DALI version available upon request (power 7W - flux - 50% lm). 1-10V dimmable version upon request.

**Power Led:** 14,5W - 1669 lm ≠ \*FIXT 1369 lm - 2700K/CRI 80 - 120-240V / 14,5W - 1729 lm ≠ \*FIXT 1418 lm - 3000K/CRI 80 - 120-240V / 14,5W - 1788 lm ≠ \*FIXT 1467 lm - 4000K/CRI 80 -120-240V  
 \*FIXT lm = Medium Optic

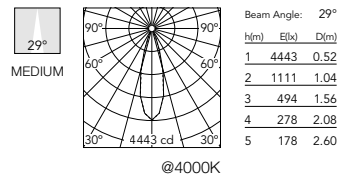
**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B12D001 | ○ F021B22D001 | ○ F021B32D001 | ○ F021B42D001 |
| ● F021B12D006 | ● F021B22D006 | ● F021B32D006 | ● F021B42D006 |
| ● F021B12D012 | ● F021B22D012 | ● F021B32D012 | ● F021B42D012 |
| ● F021B12D018 | ● F021B22D018 | ● F021B32D018 | ● F021B42D018 |
| ● F021B12D030 | ● F021B22D030 | ● F021B32D030 | ● F021B42D030 |
| ● F021B12D033 | ● F021B22D033 | ● F021B32D033 | ● F021B42D033 |



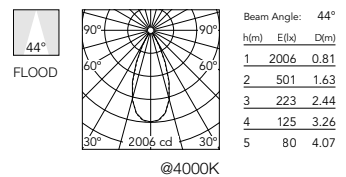
**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C12D001 | ○ F021C22D001 | ○ F021C32D001 | ○ F021C42D001 |
| ● F021C12D006 | ● F021C22D006 | ● F021C32D006 | ● F021C42D006 |
| ● F021C12D012 | ● F021C22D012 | ● F021C32D012 | ● F021C42D012 |
| ● F021C12D018 | ● F021C22D018 | ● F021C32D018 | ● F021C42D018 |
| ● F021C12D030 | ● F021C22D030 | ● F021C32D030 | ● F021C42D030 |
| ● F021C12D033 | ● F021C22D033 | ● F021C32D033 | ● F021C42D033 |



**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C16D001 | ○ F021C26D001 | ○ F021C36D001 | ○ F021C46D001 |
| ● F021C16D006 | ● F021C26D006 | ● F021C36D006 | ● F021C46D006 |
| ● F021C16D012 | ● F021C26D012 | ● F021C36D012 | ● F021C46D012 |
| ● F021C16D018 | ● F021C26D018 | ● F021C36D018 | ● F021C46D018 |
| ● F021C16D030 | ● F021C26D030 | ● F021C36D030 | ● F021C46D030 |
| ● F021C16D033 | ● F021C26D033 | ● F021C36D033 | ● F021C46D033 |



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1BD001 | ○ F021B2BD001 | ○ F021B3BD001 | ○ F021B4BD001 |
| ● F021B1BD006 | ● F021B2BD006 | ● F021B3BD006 | ● F021B4BD006 |
| ● F021B1BD012 | ● F021B2BD012 | ● F021B3BD012 | ● F021B4BD012 |
| ● F021B1BD018 | ● F021B2BD018 | ● F021B3BD018 | ● F021B4BD018 |
| ● F021B1BD030 | ● F021B2BD030 | ● F021B3BD030 | ● F021B4BD030 |
| ● F021B1BD033 | ● F021B2BD033 | ● F021B3BD033 | ● F021B4BD033 |

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

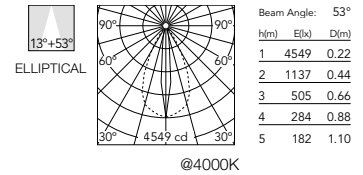
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1BD001 | ○ F021C2BD001 | ○ F021C3BD001 | ○ F021C4BD001 |
| ● F021C1BD006 | ● F021C2BD006 | ● F021C3BD006 | ● F021C4BD006 |
| ● F021C1BD012 | ● F021C2BD012 | ● F021C3BD012 | ● F021C4BD012 |
| ● F021C1BD018 | ● F021C2BD018 | ● F021C3BD018 | ● F021C4BD018 |
| ● F021C1BD030 | ● F021C2BD030 | ● F021C3BD030 | ● F021C4BD030 |
| ● F021C1BD033 | ● F021C2BD033 | ● F021C3BD033 | ● F021C4BD033 |

\*Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

\*Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1FD001 | ○ F021B2FD001 | ○ F021B3FD001 | ○ F021B4FD001 |
| ● F021B1FD006 | ● F021B2FD006 | ● F021B3FD006 | ● F021B4FD006 |
| ● F021B1FD012 | ● F021B2FD012 | ● F021B3FD012 | ● F021B4FD012 |
| ● F021B1FD018 | ● F021B2FD018 | ● F021B3FD018 | ● F021B4FD018 |
| ● F021B1FD030 | ● F021B2FD030 | ● F021B3FD030 | ● F021B4FD030 |
| ● F021B1FD033 | ● F021B2FD033 | ● F021B3FD033 | ● F021B4FD033 |

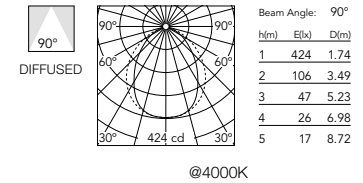


**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1FD001 | ○ F021C2FD001 | ○ F021C3FD001 | ○ F021C4FD001 |
| ● F021C1FD006 | ● F021C2FD006 | ● F021C3FD006 | ● F021C4FD006 |
| ● F021C1FD012 | ● F021C2FD012 | ● F021C3FD012 | ● F021C4FD012 |
| ● F021C1FD018 | ● F021C2FD018 | ● F021C3FD018 | ● F021C4FD018 |
| ● F021C1FD030 | ● F021C2FD030 | ● F021C3FD030 | ● F021C4FD030 |
| ● F021C1FD033 | ● F021C2FD033 | ● F021C3FD033 | ● F021C4FD033 |

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

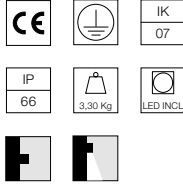
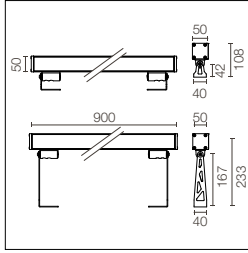
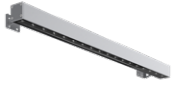
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1KD001 | ○ F021B2KD001 | ○ F021B3KD001 | ○ F021B4KD001 |
| ● F021B1KD006 | ● F021B2KD006 | ● F021B3KD006 | ● F021B4KD006 |
| ● F021B1KD012 | ● F021B2KD012 | ● F021B3KD012 | ● F021B4KD012 |
| ● F021B1KD018 | ● F021B2KD018 | ● F021B3KD018 | ● F021B4KD018 |
| ● F021B1KD030 | ● F021B2KD030 | ● F021B3KD030 | ● F021B4KD030 |
| ● F021B1KD033 | ● F021B2KD033 | ● F021B3KD033 | ● F021B4KD033 |



**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1KD001 | ○ F021C2KD001 | ○ F021C3KD001 | ○ F021C4KD001 |
| ● F021C1KD006 | ● F021C2KD006 | ● F021C3KD006 | ● F021C4KD006 |
| ● F021C1KD012 | ● F021C2KD012 | ● F021C3KD012 | ● F021C4KD012 |
| ● F021C1KD018 | ● F021C2KD018 | ● F021C3KD018 | ● F021C4KD018 |
| ● F021C1KD030 | ● F021C2KD030 | ● F021C3KD030 | ● F021C4KD030 |
| ● F021C1KD033 | ● F021C2KD033 | ● F021C3KD033 | ● F021C4KD033 |

# Outgraze 50 L 900 - Dimmable DALI



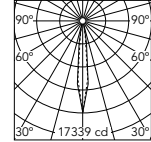
Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 11W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSED version with sandblasted glass. SMART dimmable DALI version available upon request (power 11W - flux -50% lm). 1-10V dimmable version upon request.

**Power Led:** 20W - 2504 lm ≠ \*FIXT 2054 lm - 2700K/CRI 80 - 120-240V / 20W - 2593 lm ≠ \*FIXT 2127 lm - 3000K/CRI 80 - 120-240V / 20W - 2683 lm ≠ \*FIXT 2201 lm - 4000K/CRI 80 -120-240V  
 \*FIXT lm = Medium Optic

## 2Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B13D001 | ○ F021B23D001 | ○ F021B33D001 | ○ F021B43D001 |
| ● F021B13D006 | ● F021B23D006 | ● F021B33D006 | ● F021B43D006 |
| ● F021B13D012 | ● F021B23D012 | ● F021B33D012 | ● F021B43D012 |
| ● F021B13D018 | ● F021B23D018 | ● F021B33D018 | ● F021B43D018 |
| ● F021B13D030 | ● F021B23D030 | ● F021B33D030 | ● F021B43D030 |
| ● F021B13D033 | ● F021B23D033 | ● F021B33D033 | ● F021B43D033 |



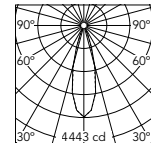
Beam Angle: 13°

h(m)	Ef(x)	D(m)
1	17339	0.25
2	4335	0.49
3	1927	0.74
4	1084	0.98
5	694	1.23

@4000K

## 3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C13D001 | ○ F021C23D001 | ○ F021C33D001 | ○ F021C43D001 |
| ● F021C13D006 | ● F021C23D006 | ● F021C33D006 | ● F021C43D006 |
| ● F021C13D012 | ● F021C23D012 | ● F021C33D012 | ● F021C43D012 |
| ● F021C13D018 | ● F021C23D018 | ● F021C33D018 | ● F021C43D018 |
| ● F021C13D030 | ● F021C23D030 | ● F021C33D030 | ● F021C43D030 |
| ● F021C13D033 | ● F021C23D033 | ● F021C33D033 | ● F021C43D033 |



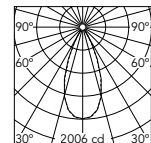
Beam Angle: 29°

h(m)	Ef(x)	D(m)
1	4443	0.52
2	1111	1.04
3	494	1.56
4	278	2.08
5	178	2.60

@4000K

## 3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C17D001 | ○ F021C27D001 | ○ F021C37D001 | ○ F021C47D001 |
| ● F021C17D006 | ● F021C27D006 | ● F021C37D006 | ● F021C47D006 |
| ● F021C17D012 | ● F021C27D012 | ● F021C37D012 | ● F021C47D012 |
| ● F021C17D018 | ● F021C27D018 | ● F021C37D018 | ● F021C47D018 |
| ● F021C17D030 | ● F021C27D030 | ● F021C37D030 | ● F021C47D030 |
| ● F021C17D033 | ● F021C27D033 | ● F021C37D033 | ● F021C47D033 |



Beam Angle: 44°

h(m)	Ef(x)	D(m)
1	2006	0.81
2	501	1.63
3	223	2.44
4	125	3.26
5	80	4.07

@4000K

## 2Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1CD001 | ○ F021B2CD001 | ○ F021B3CD001 | ○ F021B4CD001 |
| ● F021B1CD006 | ● F021B2CD006 | ● F021B3CD006 | ● F021B4CD006 |
| ● F021B1CD012 | ● F021B2CD012 | ● F021B3CD012 | ● F021B4CD012 |
| ● F021B1CD018 | ● F021B2CD018 | ● F021B3CD018 | ● F021B4CD018 |
| ● F021B1CD030 | ● F021B2CD030 | ● F021B3CD030 | ● F021B4CD030 |
| ● F021B1CD033 | ● F021B2CD033 | ● F021B3CD033 | ● F021B4CD033 |

## 3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

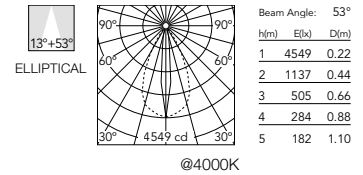
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1CD001 | ○ F021C2CD001 | ○ F021C3CD001 | ○ F021C4CD001 |
| ● F021C1CD006 | ● F021C2CD006 | ● F021C3CD006 | ● F021C4CD006 |
| ● F021C1CD012 | ● F021C2CD012 | ● F021C3CD012 | ● F021C4CD012 |
| ● F021C1CD018 | ● F021C2CD018 | ● F021C3CD018 | ● F021C4CD018 |
| ● F021C1CD030 | ● F021C2CD030 | ● F021C3CD030 | ● F021C4CD030 |
| ● F021C1CD033 | ● F021C2CD033 | ● F021C3CD033 | ● F021C4CD033 |

2Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

3Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1GD001 | ○ F021B2GD001 | ○ F021B3GD001 | ○ F021B4GD001 |
| ● F021B1GD006 | ● F021B2GD006 | ● F021B3GD006 | ● F021B4GD006 |
| ● F021B1GD012 | ● F021B2GD012 | ● F021B3GD012 | ● F021B4GD012 |
| ● F021B1GD018 | ● F021B2GD018 | ● F021B3GD018 | ● F021B4GD018 |
| ● F021B1GD030 | ● F021B2GD030 | ● F021B3GD030 | ● F021B4GD030 |
| ● F021B1GD033 | ● F021B2GD033 | ● F021B3GD033 | ● F021B4GD033 |

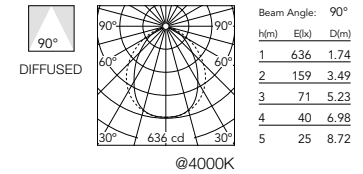


**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1GD001 | ○ F021C2GD001 | ○ F021C3GD001 | ○ F021C4GD001 |
| ● F021C1GD006 | ● F021C2GD006 | ● F021C3GD006 | ● F021C4GD006 |
| ● F021C1GD012 | ● F021C2GD012 | ● F021C3GD012 | ● F021C4GD012 |
| ● F021C1GD018 | ● F021C2GD018 | ● F021C3GD018 | ● F021C4GD018 |
| ● F021C1GD030 | ● F021C2GD030 | ● F021C3GD030 | ● F021C4GD030 |
| ● F021C1GD033 | ● F021C2GD033 | ● F021C3GD033 | ● F021C4GD033 |

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

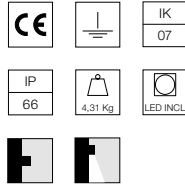
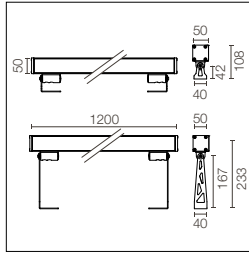
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1LD001 | ○ F021B2LD001 | ○ F021B3LD001 | ○ F021B4LD001 |
| ● F021B1LD006 | ● F021B2LD006 | ● F021B3LD006 | ● F021B4LD006 |
| ● F021B1LD012 | ● F021B2LD012 | ● F021B3LD012 | ● F021B4LD012 |
| ● F021B1LD018 | ● F021B2LD018 | ● F021B3LD018 | ● F021B4LD018 |
| ● F021B1LD030 | ● F021B2LD030 | ● F021B3LD030 | ● F021B4LD030 |
| ● F021B1LD033 | ● F021B2LD033 | ● F021B3LD033 | ● F021B4LD033 |



**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1LD001 | ○ F021C2LD001 | ○ F021C3LD001 | ○ F021C4LD001 |
| ● F021C1LD006 | ● F021C2LD006 | ● F021C3LD006 | ● F021C4LD006 |
| ● F021C1LD012 | ● F021C2LD012 | ● F021C3LD012 | ● F021C4LD012 |
| ● F021C1LD018 | ● F021C2LD018 | ● F021C3LD018 | ● F021C4LD018 |
| ● F021C1LD030 | ● F021C2LD030 | ● F021C3LD030 | ● F021C4LD030 |
| ● F021C1LD033 | ● F021C2LD033 | ● F021C3LD033 | ● F021C4LD033 |

# Outgraze 50 L 1200 - Dimmable DALI



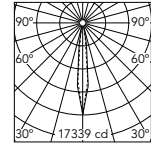
Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 14W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSED version with sandblasted glass. SMART dimmable DALI version available upon request (power 14W - flux -50% lm). 1-10V dimmable version upon request.

**Power Led:** 27W - 3338 lm ≠ \*FIXT 2739 lm - 2700K/CRI 80 - 120-240V / 27W - 3458 lm ≠ \*FIXT 2836 lm - 3000K/CRI 80 - 120-240 / 27W - 3577 lm ≠ \*FIXT 2934 lm - 4000K/CRI 80 -120-240V  
 \*FIXT lm = Medium Optic

## <sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B14D001 | ○ F021B24D001 | ○ F021B34D001 | ○ F021B44D001 |
| ● F021B14D006 | ● F021B24D006 | ● F021B34D006 | ● F021B44D006 |
| ● F021B14D012 | ● F021B24D012 | ● F021B34D012 | ● F021B44D012 |
| ● F021B14D018 | ● F021B24D018 | ● F021B34D018 | ● F021B44D018 |
| ● F021B14D030 | ● F021B24D030 | ● F021B34D030 | ● F021B44D030 |
| ● F021B14D033 | ● F021B24D033 | ● F021B34D033 | ● F021B44D033 |



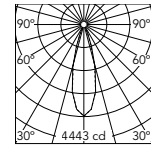
Beam Angle: 13°

h(m)	Ef(x)	D(m)
1	17339	0.25
2	4335	0.49
3	1927	0.74
4	1084	0.98
5	694	1.23

@4000K

## <sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C14D001 | ○ F021C24D001 | ○ F021C34D001 | ○ F021C44D001 |
| ● F021C14D006 | ● F021C24D006 | ● F021C34D006 | ● F021C44D006 |
| ● F021C14D012 | ● F021C24D012 | ● F021C34D012 | ● F021C44D012 |
| ● F021C14D018 | ● F021C24D018 | ● F021C34D018 | ● F021C44D018 |
| ● F021C14D030 | ● F021C24D030 | ● F021C34D030 | ● F021C44D030 |
| ● F021C14D033 | ● F021C24D033 | ● F021C34D033 | ● F021C44D033 |



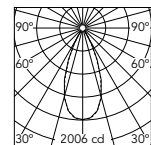
Beam Angle: 29°

h(m)	Ef(x)	D(m)
1	4443	0.52
2	1111	1.04
3	494	1.56
4	278	2.08
5	178	2.60

@4000K

## <sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C18D001 | ○ F021C28D001 | ○ F021C38D001 | ○ F021C48D001 |
| ● F021C18D006 | ● F021C28D006 | ● F021C38D006 | ● F021C48D006 |
| ● F021C18D012 | ● F021C28D012 | ● F021C38D012 | ● F021C48D012 |
| ● F021C18D018 | ● F021C28D018 | ● F021C38D018 | ● F021C48D018 |
| ● F021C18D030 | ● F021C28D030 | ● F021C38D030 | ● F021C48D030 |
| ● F021C18D033 | ● F021C28D033 | ● F021C38D033 | ● F021C48D033 |



Beam Angle: 44°

h(m)	Ef(x)	D(m)
1	2006	0.81
2	501	1.63
3	223	2.44
4	125	3.26
5	80	4.07

@4000K

## <sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1DD001 | ○ F021B2DD001 | ○ F021B3DD001 | ○ F021B4DD001 |
| ● F021B1DD006 | ● F021B2DD006 | ● F021B3DD006 | ● F021B4DD006 |
| ● F021B1DD012 | ● F021B2DD012 | ● F021B3DD012 | ● F021B4DD012 |
| ● F021B1DD018 | ● F021B2DD018 | ● F021B3DD018 | ● F021B4DD018 |
| ● F021B1DD030 | ● F021B2DD030 | ● F021B3DD030 | ● F021B4DD030 |
| ● F021B1DD033 | ● F021B2DD033 | ● F021B3DD033 | ● F021B4DD033 |

## <sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1DD001 | ○ F021C2DD001 | ○ F021C3DD001 | ○ F021C4DD001 |
| ● F021C1DD006 | ● F021C2DD006 | ● F021C3DD006 | ● F021C4DD006 |
| ● F021C1DD012 | ● F021C2DD012 | ● F021C3DD012 | ● F021C4DD012 |
| ● F021C1DD018 | ● F021C2DD018 | ● F021C3DD018 | ● F021C4DD018 |
| ● F021C1DD030 | ● F021C2DD030 | ● F021C3DD030 | ● F021C4DD030 |
| ● F021C1DD033 | ● F021C2DD033 | ● F021C3DD033 | ● F021C4DD033 |

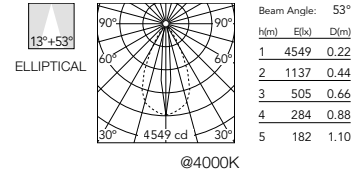
<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).



**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1HD001 | ○ F021B2HD001 | ○ F021B3HD001 | ○ F021B4HD001 |
| ● F021B1HD006 | ● F021B2HD006 | ● F021B3HD006 | ● F021B4HD006 |
| ● F021B1HD012 | ● F021B2HD012 | ● F021B3HD012 | ● F021B4HD012 |
| ● F021B1HD018 | ● F021B2HD018 | ● F021B3HD018 | ● F021B4HD018 |
| ● F021B1HD030 | ● F021B2HD030 | ● F021B3HD030 | ● F021B4HD030 |
| ● F021B1HD033 | ● F021B2HD033 | ● F021B3HD033 | ● F021B4HD033 |

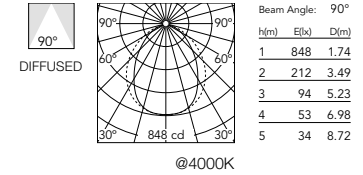


**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1HD001 | ○ F021C2HD001 | ○ F021C3HD001 | ○ F021C4HD001 |
| ● F021C1HD006 | ● F021C2HD006 | ● F021C3HD006 | ● F021C4HD006 |
| ● F021C1HD012 | ● F021C2HD012 | ● F021C3HD012 | ● F021C4HD012 |
| ● F021C1HD018 | ● F021C2HD018 | ● F021C3HD018 | ● F021C4HD018 |
| ● F021C1HD030 | ● F021C2HD030 | ● F021C3HD030 | ● F021C4HD030 |
| ● F021C1HD033 | ● F021C2HD033 | ● F021C3HD033 | ● F021C4HD033 |

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

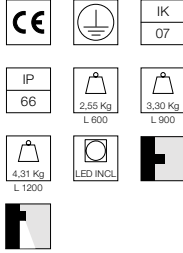
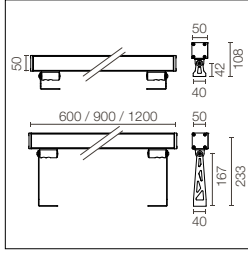
- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B1MD001 | ○ F021B2MD001 | ○ F021B3MD001 | ○ F021B4MD001 |
| ● F021B1MD006 | ● F021B2MD006 | ● F021B3MD006 | ● F021B4MD006 |
| ● F021B1MD012 | ● F021B2MD012 | ● F021B3MD012 | ● F021B4MD012 |
| ● F021B1MD018 | ● F021B2MD018 | ● F021B3MD018 | ● F021B4MD018 |
| ● F021B1MD030 | ● F021B2MD030 | ● F021B3MD030 | ● F021B4MD030 |
| ● F021B1MD033 | ● F021B2MD033 | ● F021B3MD033 | ● F021B4MD033 |



**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| <b>2200K</b>  | <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C1MD001 | ○ F021C2MD001 | ○ F021C3MD001 | ○ F021C4MD001 |
| ● F021C1MD006 | ● F021C2MD006 | ● F021C3MD006 | ● F021C4MD006 |
| ● F021C1MD012 | ● F021C2MD012 | ● F021C3MD012 | ● F021C4MD012 |
| ● F021C1MD018 | ● F021C2MD018 | ● F021C3MD018 | ● F021C4MD018 |
| ● F021C1MD030 | ● F021C2MD030 | ● F021C3MD030 | ● F021C4MD030 |
| ● F021C1MD033 | ● F021C2MD033 | ● F021C3MD033 | ● F021C4MD033 |

## Outgraze 50 - RGB



Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

Integrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 26W - 120-240V - DMX-RDM interface / L900: 37W - 120-240V - DMX-RDM interface / L1200: 48W - 120-240V - DMX-RDM interface

Schaltplan Nr.12 S. 84 / Wiring diagram n.12 page 84

### L 600

- F021MRKJ001
- F021MRKJ006
- F021MRKJ012
- F021MRKJ018
- F021MRKJ030
- F021MRKJ033

### L 900

- F021MRLJ001
- F021MRLJ006
- F021MRLJ012
- F021MRLJ018
- F021MRLJ030
- F021MRLJ033

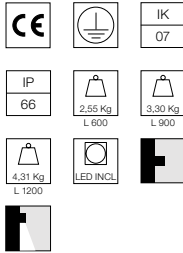
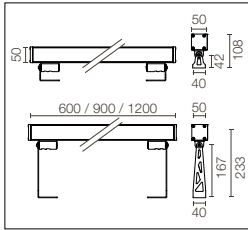
### L 1200

- F021MRMJ001
- F021MRMJ006
- F021MRMJ012
- F021MRMJ018
- F021MRMJ030
- F021MRMJ033



Photometric data on request.

## Outgraze 50 - RGBW



Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

Integrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 24W - 120-240V - DMX-RDM interface / L900: 33W - 120-240V - DMX-RDM interface / L1200: 43W 120-240V - DMX-RDM interface

Schaltplan Nr.12 S. 84 / Wiring diagram n.12 page 84

### L 600

- F021MWKJ001
- F021MWKJ006
- F021MWKJ012
- F021MWKJ018
- F021MWKJ030
- F021MWKJ033

### L 900

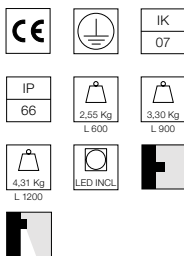
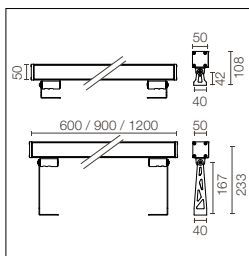
- F021MWLJ001
- F021MWLJ006
- F021MWLJ012
- F021MWLJ018
- F021MWLJ030
- F021MWLJ033

### L 1200

- F021MWMJ001
- F021MWMJ006
- F021MWMJ012
- F021MWMJ018
- F021MWMJ030
- F021MWMJ033



Photometric data on request.



Stromquelle 120/240 V DALI integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahtes Glas.

120/240V DALI integrated power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 13W - 1413 lm ≠ FIXT 722 lm - 2700K/CRI 80 - 120-240V / L900: 18,5W - 1669 lm ≠ FIXT 1082 lm - 2700K/CRI 80 - 120-240V / L1200: 23W - 2826 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 120-240V

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

**L 600**

- F021PTKD001
- F021PTKD006
- F021PTKD012
- F021PTKD018
- F021PTKD030
- F021PTKD033

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

**L 600**

- F021QTKD001
- F021QTKD006
- F021QTKD012
- F021QTKD018
- F021QTKD030
- F021QTKD033

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

**L 900**

- F021PTLD001
- F021PTLD006
- F021PTLD012
- F021PTLD018
- F021PTLD030
- F021PTLD033

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

**L 900**

- F021QTLD001
- F021QTLD006
- F021QTLD012
- F021QTLD018
- F021QTLD030
- F021QTLD033

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 S. 84 / Wiring diagram n.10 page 84

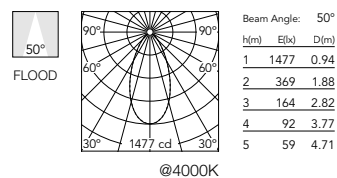
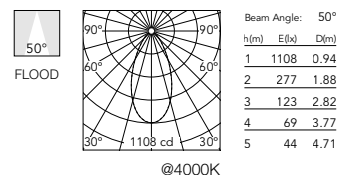
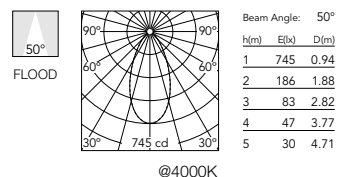
**L 1200**

- F021PTMD001
- F021PTMD006
- F021PTMD012
- F021PTMD018
- F021PTMD030
- F021PTMD033

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 S. 84 / Wiring diagram n.11 page 84

**L 1200**

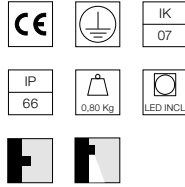
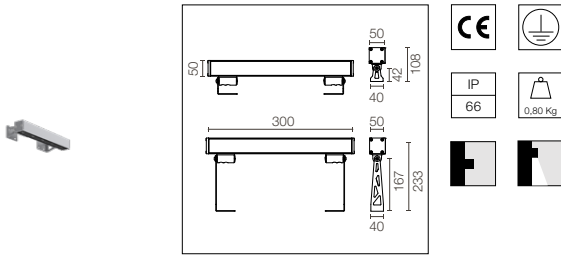
- F021QTMD001
- F021QTMD006
- F021QTMD012
- F021QTMD018
- F021QTMD030
- F021QTMD033



<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 300 - Non Dimmable



Stromquelle  
220/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahtes Glas.

Integrated 220/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 8W - 806 lm ≠ FIXT 310 lm - 2700K/CRI 80 - 220-240V / 8W - 876 lm ≠ FIXT 337 lm - 3000K/CRI 80 - 220-240V /  
8W - 946 lm ≠ FIXT 364 lm - 4000K/CRI 80 - 220-240V

<sup>1</sup>Standard - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

### 2700K

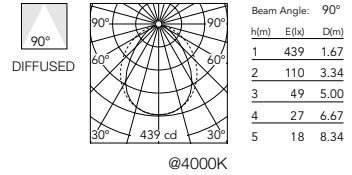
- F021G2JA001
- F021G2JA006
- F021G2JA012
- F021G2JA018
- F021G2JA030
- F021G2JA033

### 3000K

- F021G3JA001
- F021G3JA006
- F021G3JA012
- F021G3JA018
- F021G3JA030
- F021G3JA033

### 4000K

- F021G4JA001
- F021G4JA006
- F021G4JA012
- F021G4JA018
- F021G4JA030
- F021G4JA033



<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

### 2700K

- F021H2JA001
- F021H2JA006
- F021H2JA012
- F021H2JA018
- F021H2JA030
- F021H2JA033

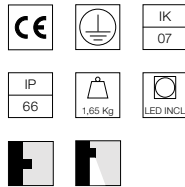
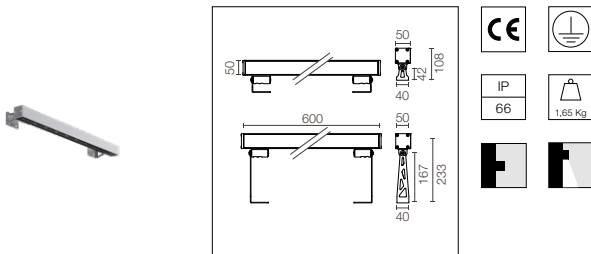
### 3000K

- F021H3JA001
- F021H3JA006
- F021H3JA012
- F021H3JA018
- F021H3JA030
- F021H3JA033

### 4000K

- F021H4JA001
- F021H4JA006
- F021H4JA012
- F021H4JA018
- F021H4JA030
- F021H4JA033

## Outgraze 50 Easy L 600 - Non Dimmable



Stromquelle  
220/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahtes Glas.

Integrated 220/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 14,5W - 1612 lm ≠ FIXT 620 lm - 2700K/CRI 80 - 220-240V / 14,5W - 1752 lm ≠ FIXT 674 lm - 3000K/CRI 80 - 220-240V /  
14,5W - 1892 lm ≠ FIXT 728 lm - 4000K/CRI 80 - 220-240V

<sup>1</sup>Standard - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

### 2700K

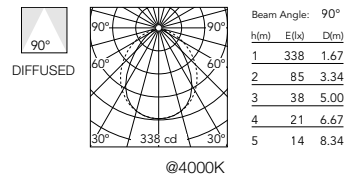
- F021G2KA001
- F021G2KA006
- F021G2KA012
- F021G2KA018
- F021G2KA030
- F021G2KA033

### 3000K

- F021G3KA001
- F021G3KA006
- F021G3KA012
- F021G3KA018
- F021G3KA030
- F021G3KA033

### 4000K

- F021G4KA001
- F021G4KA006
- F021G4KA012
- F021G4KA018
- F021G4KA030
- F021G4KA033



<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

### 2700K

- F021H2KA001
- F021H2KA006
- F021H2KA012
- F021H2KA018
- F021H2KA030
- F021H2KA033

### 3000K

- F021H3KA001
- F021H3KA006
- F021H3KA012
- F021H3KA018
- F021H3KA030
- F021H3KA033

### 4000K

- F021H4KA001
- F021H4KA006
- F021H4KA012
- F021H4KA018
- F021H4KA030
- F021H4KA033

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

### 2700K

- F021J2KA001
- F021J2KA006
- F021J2KA012
- F021J2KA018
- F021J2KA030
- F021J2KA033

### 3000K

- F021J3KA001
- F021J3KA006
- F021J3KA012
- F021J3KA018
- F021J3KA030
- F021J3KA033

### 4000K

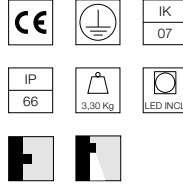
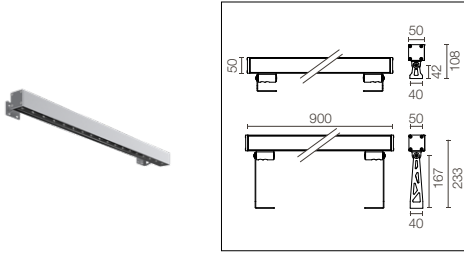
- F021J4KA001
- F021J4KA006
- F021J4KA012
- F021J4KA018
- F021J4KA030
- F021J4KA033

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 900 - Non Dimmable



Stromquelle  
220/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahltes Glas.

Integrated 220/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 20W - 2418 lm  $\neq$  FIXT 930 lm - 2700K/CRI 80 - 220-240V / 20W - 2628 lm  $\neq$  FIXT 1011 lm - 3000K/CRI 80 - 220-240V /  
20W - 2839 lm  $\neq$  FIXT 1092 lm - 4000K/CRI 80 - 220-240V

<sup>1</sup>Standard - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

### 2700K

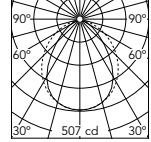
- F021G2LA001
- F021G2LA006
- F021G2LA012
- F021G2LA018
- F021G2LA030
- F021G2LA033

### 3000K

- F021G3LA001
- F021G3LA006
- F021G3LA012
- F021G3LA018
- F021G3LA030
- F021G3LA033

### 4000K

- F021G4LA001
- F021G4LA006
- F021G4LA012
- F021G4LA018
- F021G4LA030
- F021G4LA033



Beam Angle: 90°

h(m) E(lx) D(m)

1 507 1.67

2 127 3.34

3 56 5.00

4 32 6.67

5 20 8.34

@4000K

<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

### 2700K

- F021H2LA001
- F021H2LA006
- F021H2LA012
- F021H2LA018
- F021H2LA030
- F021H2LA033

### 3000K

- F021H3LA001
- F021H3LA006
- F021H3LA012
- F021H3LA018
- F021H3LA030
- F021H3LA033

### 4000K

- F021H4LA001
- F021H4LA006
- F021H4LA012
- F021H4LA018
- F021H4LA030
- F021H4LA033

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

### 2700K

- F021J2LA001
- F021J2LA006
- F021J2LA012
- F021J2LA018
- F021J2LA030
- F021J2LA033

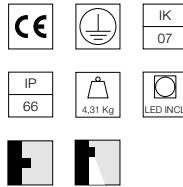
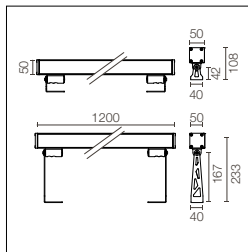
### 3000K

- F021J3LA001
- F021J3LA006
- F021J3LA012
- F021J3LA018
- F021J3LA030
- F021J3LA033

### 4000K

- F021J4LA001
- F021J4LA006
- F021J4LA012
- F021J4LA018
- F021J4LA030
- F021J4LA033

## Outgraze 50 Easy L 1200 - Non Dimmable



Stromquelle  
220/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahltes Glas.

Integrated 220/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 27W - 3224 lm  $\neq$  FIXT 1240 lm - 2700K/CRI 80 - 220-240V / 27W - 3505 lm  $\neq$  FIXT 1348 lm - 3000K/CRI 80 - 220-240V /  
27W - 3785 lm  $\neq$  FIXT 1456 lm - 4000K/CRI 80 - 220-240V

<sup>1</sup>Standard - Schaltplan Nr.7 S. 83 / Wiring diagram n.7 page 83

### 2700K

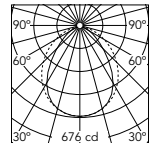
- F021G2MA001
- F021G2MA006
- F021G2MA012
- F021G2MA018
- F021G2MA030
- F021G2MA033

### 3000K

- F021G3MA001
- F021G3MA006
- F021G3MA012
- F021G3MA018
- F021G3MA030
- F021G3MA033

### 4000K

- F021G4MA001
- F021G4MA006
- F021G4MA012
- F021G4MA018
- F021G4MA030
- F021G4MA033



Beam Angle: 90°

h(m) E(lx) D(m)

1 676 1.67

2 169 3.34

3 75 5.00

4 42 6.67

5 27 8.34

@4000K

<sup>2</sup>Quick Install I H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.8 S. 83 / Wiring diagram n.8 page 83

### 2700K

- F021H2MA001
- F021H2MA006
- F021H2MA012
- F021H2MA018
- F021H2MA030
- F021H2MA033

### 3000K

- F021H3MA001
- F021H3MA006
- F021H3MA012
- F021H3MA018
- F021H3MA030
- F021H3MA033

### 4000K

- F021H4MA001
- F021H4MA006
- F021H4MA012
- F021H4MA018
- F021H4MA030
- F021H4MA033

<sup>3</sup>Continuous Line I/O H<sub>2</sub>O Stop Fast Connect - Schaltplan Nr.9 S. 83 / Wiring diagram n.9 page 83

### 2700K

- F021J2MA001
- F021J2MA006
- F021J2MA012
- F021J2MA018
- F021J2MA030
- F021J2MA033

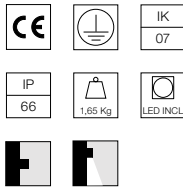
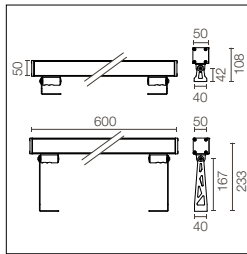
### 3000K

- F021J3MA001
- F021J3MA006
- F021J3MA012
- F021J3MA018
- F021J3MA030
- F021J3MA033

### 4000K

- F021J4MA001
- F021J4MA006
- F021J4MA012
- F021J4MA018
- F021J4MA030
- F021J4MA033

## Outgraze 50 Easy L 600 - Dimmable DALI



Stromquelle  
120/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahtes Glas.

Integrated 120/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 14,5W - 1440 lm ≠ FIXT 1106 lm - 2700K/CRI 80 - 120-240V / 14,5W - 1560 lm ≠ FIXT 1198 lm - 3000K/CRI 80 - 120-240V / 14,5W - 1680 lm ≠ FIXT 1290 lm - 4000K/CRI 80 - 120-240V

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 page 650 / Wiring diagram n.10 page 650

### 2700K

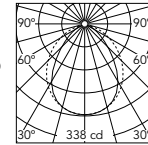
- F021G2KD001
- F021G2KD006
- F021G2KD012
- F021G2KD018
- F021G2KD030
- F021G2KD033

### 3000K

- F021G3KD001
- F021G3KD006
- F021G3KD012
- F021G3KD018
- F021G3KD030
- F021G3KD033

### 4000K

- F021G4KD001
- F021G4KD006
- F021G4KD012
- F021G4KD018
- F021G4KD030
- F021G4KD033



Beam Angle: 90°			
h(m)	E(lx)	D(m)	
1	338	1.67	
2	85	3.34	
3	38	5.00	
4	21	6.67	
5	14	8.34	

@4000K

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 page 650 / Wiring diagram n.11 page 650

### 2700K

- F021J2KD001
- F021J2KD006
- F021J2KD012
- F021J2KD018
- F021J2KD030
- F021J2KD033

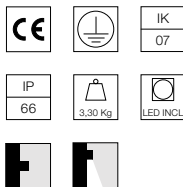
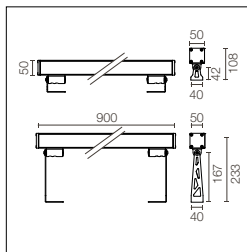
### 3000K

- F021J3KD001
- F021J3KD006
- F021J3KD012
- F021J3KD018
- F021J3KD030
- F021J3KD033

### 4000K

- F021J4KD001
- F021J4KD006
- F021J4KD012
- F021J4KD018
- F021J4KD030
- F021J4KD033

## Outgraze 50 Easy L 900 - Dimmable DALI



Stromquelle  
120/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahtes Glas.

Integrated 120/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Mid-power Led:** 20W - 2418 lm ≠ FIXT 930 lm - 2700K/CRI 80 - 120-240V / 20W - 2628 lm ≠ FIXT 1011 lm - 3000K/CRI 80 - 120-240V / 20W - 2839 lm ≠ FIXT 1092 lm - 4000K/CRI 80 - 120-240V

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 page 650 / Wiring diagram n.10 page 650

### 2700K

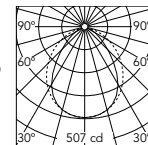
- F021G2LD001
- F021G2LD006
- F021G2LD012
- F021G2LD018
- F021G2LD030
- F021G2LD033

### 3000K

- F021G3LD001
- F021G3LD006
- F021G3LD012
- F021G3LD018
- F021G3LD030
- F021G3LD033

### 4000K

- F021G4LD001
- F021G4LD006
- F021G4LD012
- F021G4LD018
- F021G4LD030
- F021G4LD033



Beam Angle: 90°			
h(m)	E(lx)	D(m)	
1	507	1.67	
2	127	3.34	
3	56	5.00	
4	32	6.67	
5	20	8.34	

@4000K

**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 page 650 / Wiring diagram n.11 page 650

### 2700K

- F021J2LD001
- F021J2LD006
- F021J2LD012
- F021J2LD018
- F021J2LD030
- F021J2LD033

### 3000K

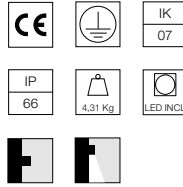
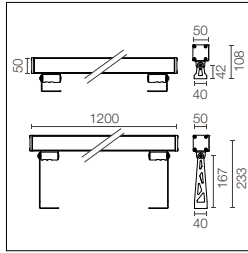
- F021J3LD001
- F021J3LD006
- F021J3LD012
- F021J3LD018
- F021J3LD030
- F021J3LD033

### 4000K

- F021J4LD001
- F021J4LD006
- F021J4LD012
- F021J4LD018
- F021J4LD030
- F021J4LD033

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Wired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).



Stromquelle  
120/240 V integriert.  
Einbauhalterungen sind  
separat zu bestellen.  
Sandgestrahltes Glas.

Integrated 120/240V power  
supply. Installation brackets, to  
be ordered separately.  
Sandblasted glass.

**Power Led:** 27W - 3224 lm ≠ FIXT 1240 lm - 2700K/CRI 80 - 120-240V / 27W - 3505 lm ≠ FIXT 1348 lm - 3000K/CRI 80 - 120-240V / 27W - 3785 lm ≠ FIXT 1456 lm - 4000K/CRI 80 -120-240V

**Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.10 page 650 / Wiring diagram n.10 page 650

**2700K**

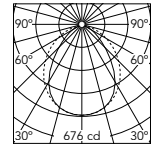
- F021G2MD001
- F021G2MD006
- F021G2MD012
- F021G2MD018
- F021G2MD030
- F021G2MD033

**3000K**

- F021G3MD001
- F021G3MD006
- F021G3MD012
- F021G3MD018
- F021G3MD030
- F021G3MD033

**4000K**

- F021G4MD001
- F021G4MD006
- F021G4MD012
- F021G4MD018
- F021G4MD030
- F021G4MD033



h(m)	E(ft)	D(m)
1	676	1.67
2	169	3.34
3	75	5.00
4	42	6.67
5	27	8.34

@4000K

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.11 page 650 / Wiring diagram n.11 page 650

**2700K**

- F021J2MD001
- F021J2MD006
- F021J2MD012
- F021J2MD018
- F021J2MD030
- F021J2MD033

**3000K**

- F021J3MD001
- F021J3MD006
- F021J3MD012
- F021J3MD018
- F021J3MD030
- F021J3MD033

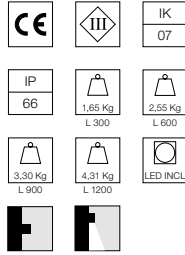
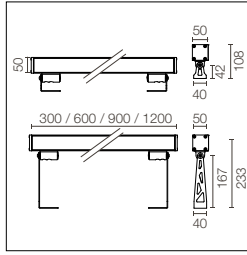
**4000K**

- F021J4MD001
- F021J4MD006
- F021J4MD012
- F021J4MD018
- F021J4MD030
- F021J4MD033

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnelle Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

# Outgraze 50 Easy - Tunable White DALI 2700K÷5700K



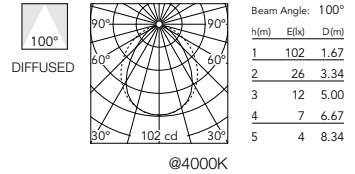
Fernspeisung 24 V und Einbauhalterungen separat zu bestellen.  
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately.  
Sandblasted glass.

**Mid-power Led:** L300: 6,5W - 572 lm ≠ FIXT 220 lm - 2700K/CRI 80 - 24V / L600: 11W - 1143 lm ≠ FIXT 440 lm - 2700K/CRI 80 - 24V / L900: 16W - 1715 lm ≠ FIXT 660 lm - 2700K/CRI 80 - 24V / L1200: 21W - 2286 lm ≠ FIXT 879 lm - 2700K/CRI 80 - 24V

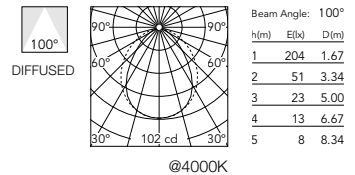
**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.13 S. 85 / Wiring diagram n.13 page 85

- L 300**
- F021KTJD001
  - F021KTJD006
  - F021KTJD012
  - F021KTJD018
  - F021KTJD030
  - F021KTJD033



**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.13 S. 85 / Wiring diagram n.13 page 85

- L 600**
- F021KTKD001
  - F021KTKD006
  - F021KTKD012
  - F021KTKD018
  - F021KTKD030
  - F021KTKD033

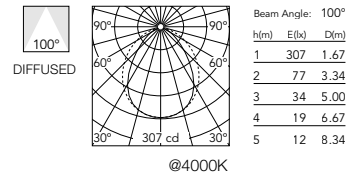


**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.14 S. 85 / Wiring diagram n.14 page 85

- L 600**
- F021LTKD001
  - F021LTKD006
  - F021LTKD012
  - F021LTKD018
  - F021LTKD030
  - F021LTKD033

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.13 S. 85 / Wiring diagram n.13 page 85

- L 900**
- F021KTLD001
  - F021KTLD006
  - F021KTLD012
  - F021KTLD018
  - F021KTLD030
  - F021KTLD033

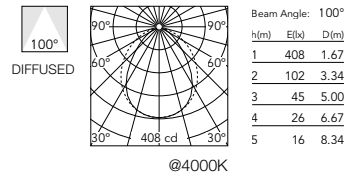


**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.14 S. 85 / Wiring diagram n.14 page 85

- L 900**
- F021LTLD001
  - F021LTLD006
  - F021LTLD012
  - F021LTLD018
  - F021LTLD030
  - F021LTLD033

**2Quick Install I H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.13 S. 85 / Wiring diagram n.13 page 85

- L 1200**
- F021KTMD001
  - F021KTMD006
  - F021KTMD012
  - F021KTMD018
  - F021KTMD030
  - F021KTMD033



**3Continuous Line I/O H<sub>2</sub>O Stop Fast Connect** - Schaltplan Nr.14 S. 85 / Wiring diagram n.14 page 85

- L 1200**
- F021LTMD001
  - F021LTMD006
  - F021LTMD012
  - F021LTMD018
  - F021LTMD030
  - F021LTMD033

<sup>2</sup>Quick Install In H<sub>2</sub>O Stop Version: Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H<sub>2</sub>O Stop Version: Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).



## Outgraze 50

### Zubehör für alle Versionen / Accessories for all versions

Paar kurze Halterungen L 80 mm.	One pair of short brackets L 80 mm.	<ul style="list-style-type: none"> <li>○ F1203001</li> <li>● F1203006</li> <li>● F1203012</li> <li>● F1203018</li> <li>● F1203030</li> <li>● F1203033</li> </ul>	
Paar lange Halterungen L 200 mm.	One pair of long brackets L 200 mm.	<ul style="list-style-type: none"> <li>○ F1204001</li> <li>● F1204006</li> <li>● F1204012</li> <li>● F1204018</li> <li>● F1204030</li> <li>● F1204033</li> </ul>	
Verbindungssystem, IP68, 2-Wege-H <sub>2</sub> O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C00A000	 
Verbindungssystem, IP68, 3/4-Wege-H <sub>2</sub> O- Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C010000	
5-poliger Steckersatz mit fliegendem Stecker + EU- Stecker IP68.	Connector kit 5-pole flying socket + EU plug IP68.	F990C080000	
Kappe für Einbaustecker (auf dem Produkt), 4-5-polig.	Cap for panel (on the fixtures) plug connector 4-5 poles.	F021Z070000	




## Outgraze 50

### Zubehör für die Versionen Non Dimmable (220-240V) und Easy Non Dimmable (220-240V) / Accessories for Non Dimmable (220-240V) and Easy Non Dimmable (220-240V) versions

4-poliger Plug&Play- Steckverbinder.	Plug&play connector 4 poles.	F021Z010000	
Doppelter 4-poliger Plug&Play-Steckverbinder + Kabel L 600 mm.	Double plug&play connector 4 poles + cable 600 mm length.	F021Z020000	
4-poliger Plug&Play- Steckverbinder + Kabel L 5000 mm.	Plug&play connector 4 poles + cable 5000 mm length.	F021Z030000	





## Outgraze 50

### Zubehör für die Versionen Quick Install I H<sub>2</sub>O Stop, Continuous Line I/O H<sub>2</sub>O Stop und Easy Tunable White (24V) / Accessories for Quick Install I H<sub>2</sub>O Stop, Continuous Line I/O H<sub>2</sub>O Stop and Easy Tunable White (24V) versions

4-poliger Plug&Play- Steckverbinder.	Plug&play connector 4 poles.	F021Z010000	
Doppelter 4-poliger Plug&Play-Steckverbinder + Kabel L 600 mm. Klasse III.	Double plug&play connector 4 poles + cable 600 mm length. Class III.	F021Z090000	
4-poliger Plug&Play- Steckverbinder + Kabel L 5000 mm. Klasse III.	Plug&play connector 4 poles + cable 5000 mm length. Class III.	F021Z100000	

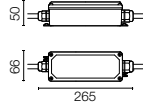
## Outgraze 50

### Zubehör für die Versionen Quick Install I H2O Stop, Continuous Line I/O H2O Stop Dimmable DALI, Easy Dimmable und Tunable White DALI (120-240V) / Accessories for Quick Install I H2O Stop, Continuous Line I/O H2O Stop Dimmable DALI, Easy Dimmable and Tunable White DALI (120-240V) versions

5-poliger Plug&Play-Steckverbinder.	Plug&play connector 5 poles.	F021Z040000	
5-poliger Plug&Play-Steckverbinder + Kabel L 5000 mm.	Plug&play connector 5 poles + cable 5000 mm lenght.	F021Z060000	
Doppelter 5-poliger Plug&Play-Steckverbinder + Kabel L 600 mm.	Double plug&play connector 5 poles + cable 600 mm lenght.	F021Z050000	
4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel).	4 way junction box 5 poles IP68 (6-14 mm cables).	F990C030000	


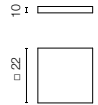

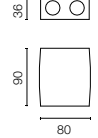

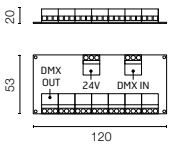

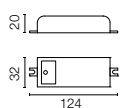

## Outgraze 50

### Stromversorgungen für Easy Tunable White DALI (24V)-Version / Powers supplies for Easy Tunable White DALI (24V) version

Netzgerät für den Feinbau 24V DC 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv.	F990B28A000		
Netzgerät für den Feinbau 24V DC 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv.	F990B27A000		
Netzgerät für den Feinbau 24V DC 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 96W / 120-240V IP67 Class II selv.	F990B29A000		

## Outgraze 50

### Zubehör für die RGB-RGBW-Verwaltung / Accessories for RGB-RGBW management

DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte).	DMX controller; dimmer switch for recessed box (60mm hole centres).	F990B10A000		
DMX Controller; Stand-Alone/PC-Schnittstelle.	DMX controller; stand-alone/pc interface.	F990B11A000		
DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten.	DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included.	F990B13A000		
Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W /110-240V IP20 Class II selv.	RF25747		
Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm).	DMX cable - shielded twisted pair with 110 Ohm constant impedance.	F990B12A000		

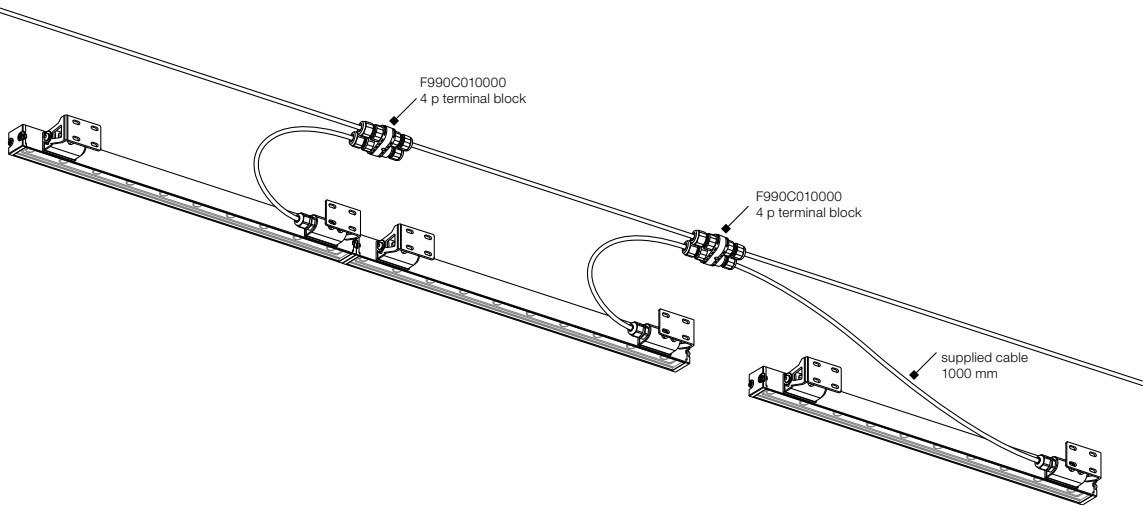
# Outgraze 50

## Non Dimmable and Easy Non Dimmable versions

### Schaltplan Nr.7 / Wiring diagram n.7

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered)

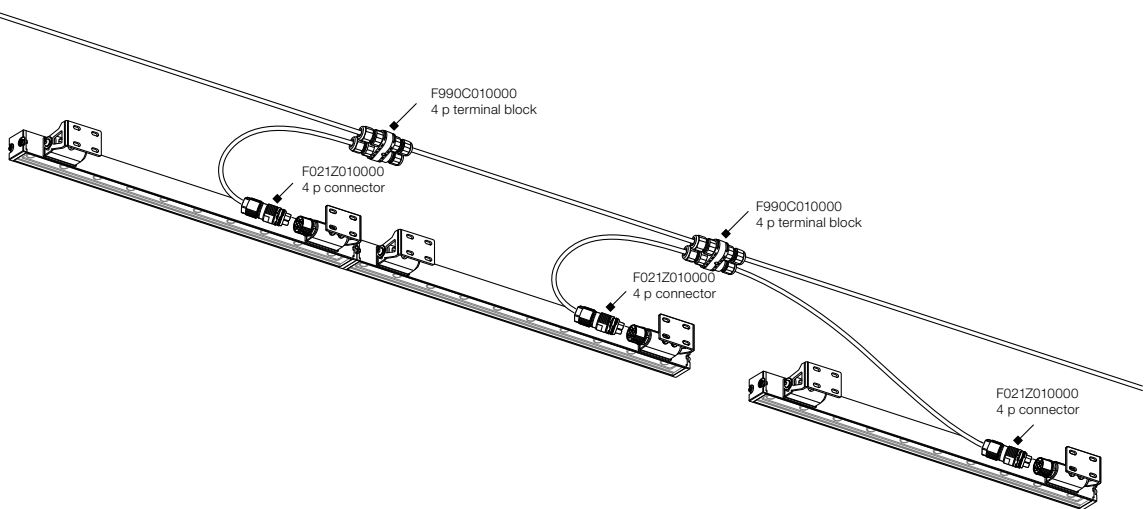
220-240V



### Schaltplan Nr.8 / Wiring diagram n.8

**Quick Install I H<sub>2</sub>O Stop Fast Connect:** Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

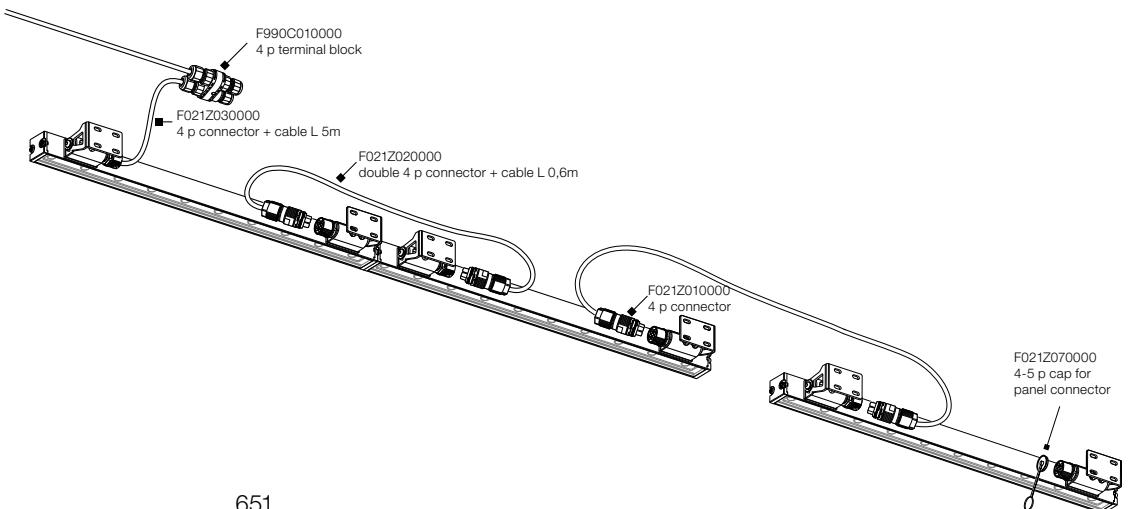
220-240V



### Schaltplan Nr.9 / Wiring diagram n.9

**Continous Line I/O H<sub>2</sub>O Stop Fast Connect:** Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

220-240V



## Outgraze 50

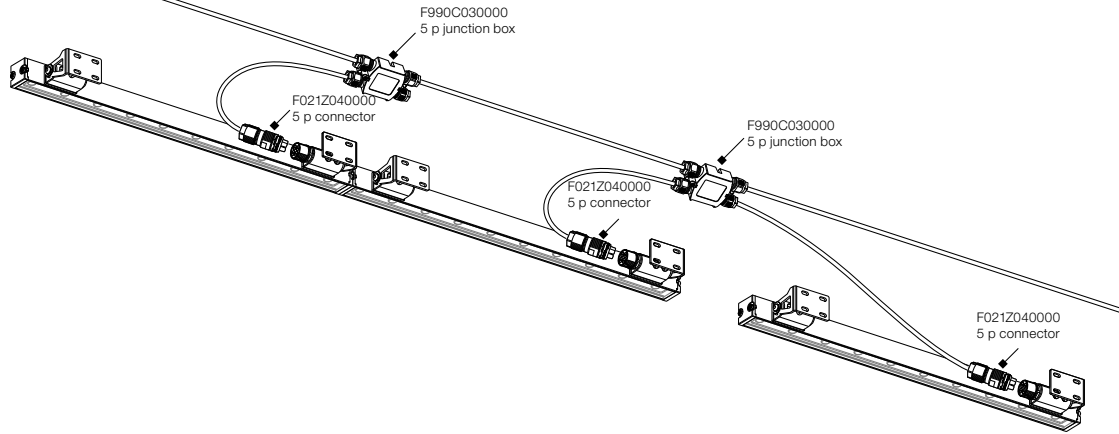
### Standard Dimmable versions and Tunable White (120-240V) and Dimmable Easy versions

#### For Dimmable and Tunable White versions

##### Schaltplan Nr.10 / Wiring diagram n.10

**Quick Install I H<sub>2</sub>O Stop:** Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

120-240V

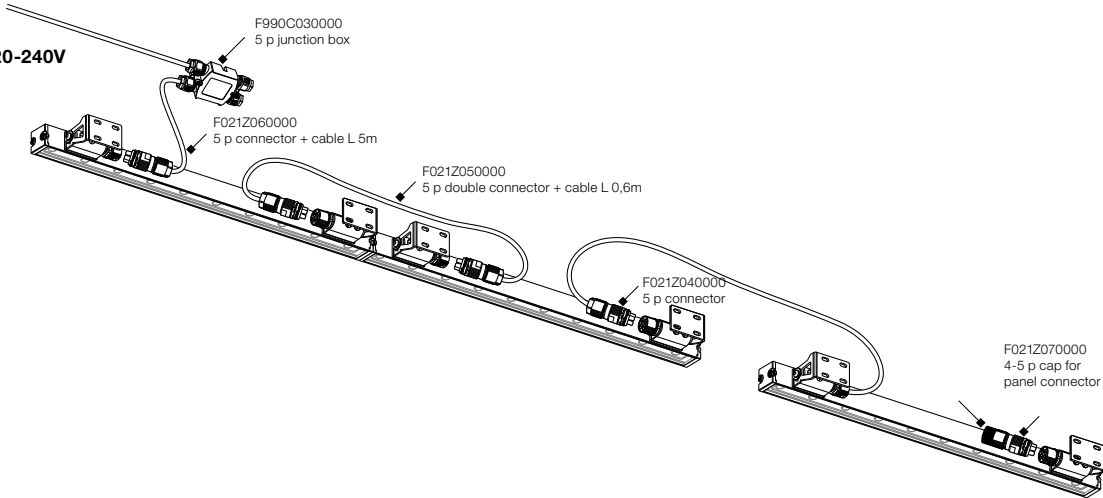


#### For Dimmable and Tunable White versions

##### Schaltplan Nr.11 / Wiring diagram n.11

**Continuous Line I/O H<sub>2</sub>O Stop Fast Connect:** Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

120-240V



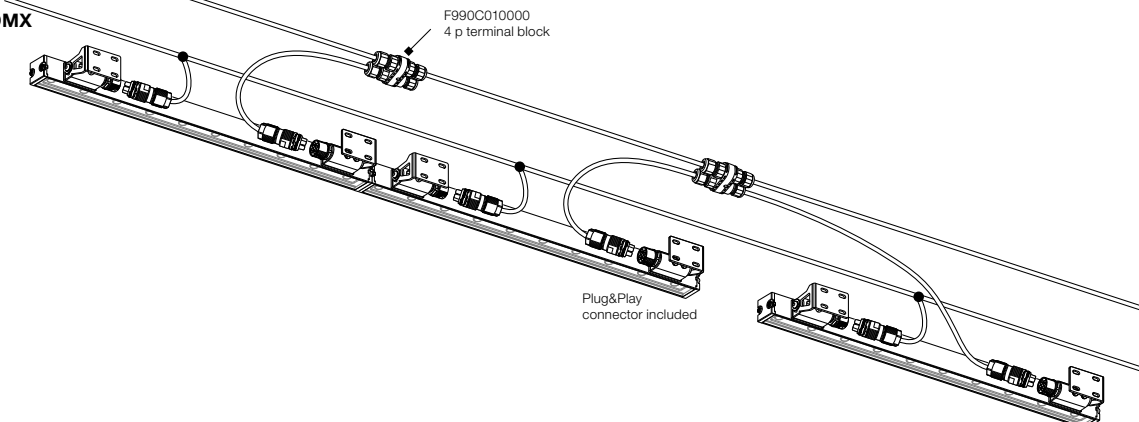
#### For RGB-RGBW versions

##### Schaltplan Nr.12 / Wiring diagram n.12

Vorinstallierte Plug&Play-Steckverbinder mit IP68-Schutzklasse / Prewired IP68 Plug&Play connectors

120-240V

BUS DMX

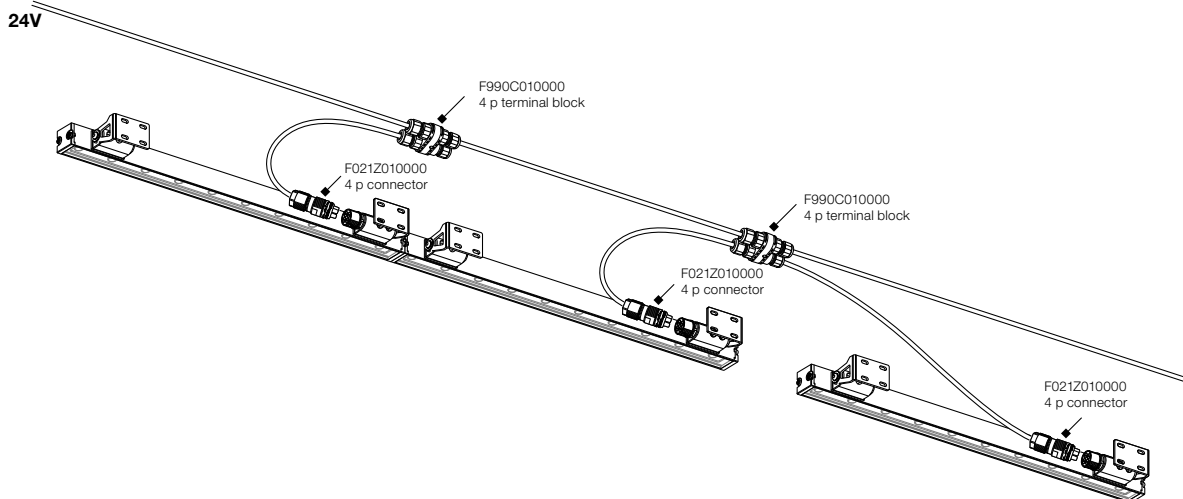


Easy Tunable White 24V versions

For Easy Tunable White versions

Schaltplan Nr.13 / Wiring diagram n.13

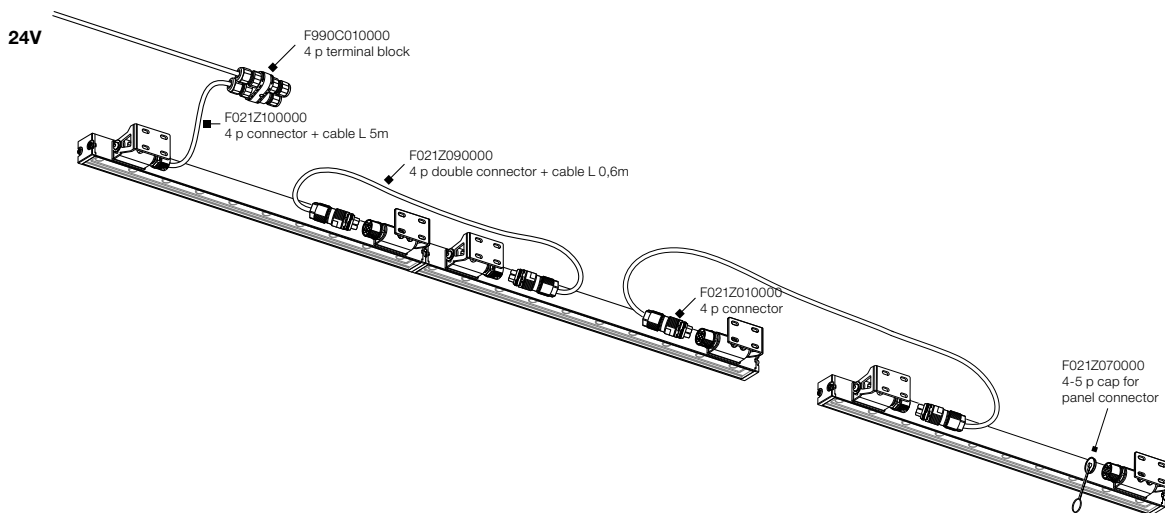
**Quick Install I H<sub>2</sub>O Stop Fast Connect:** Vorinstallierter H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



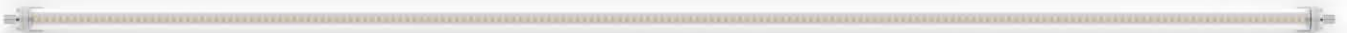
For Easy Tunable White versions

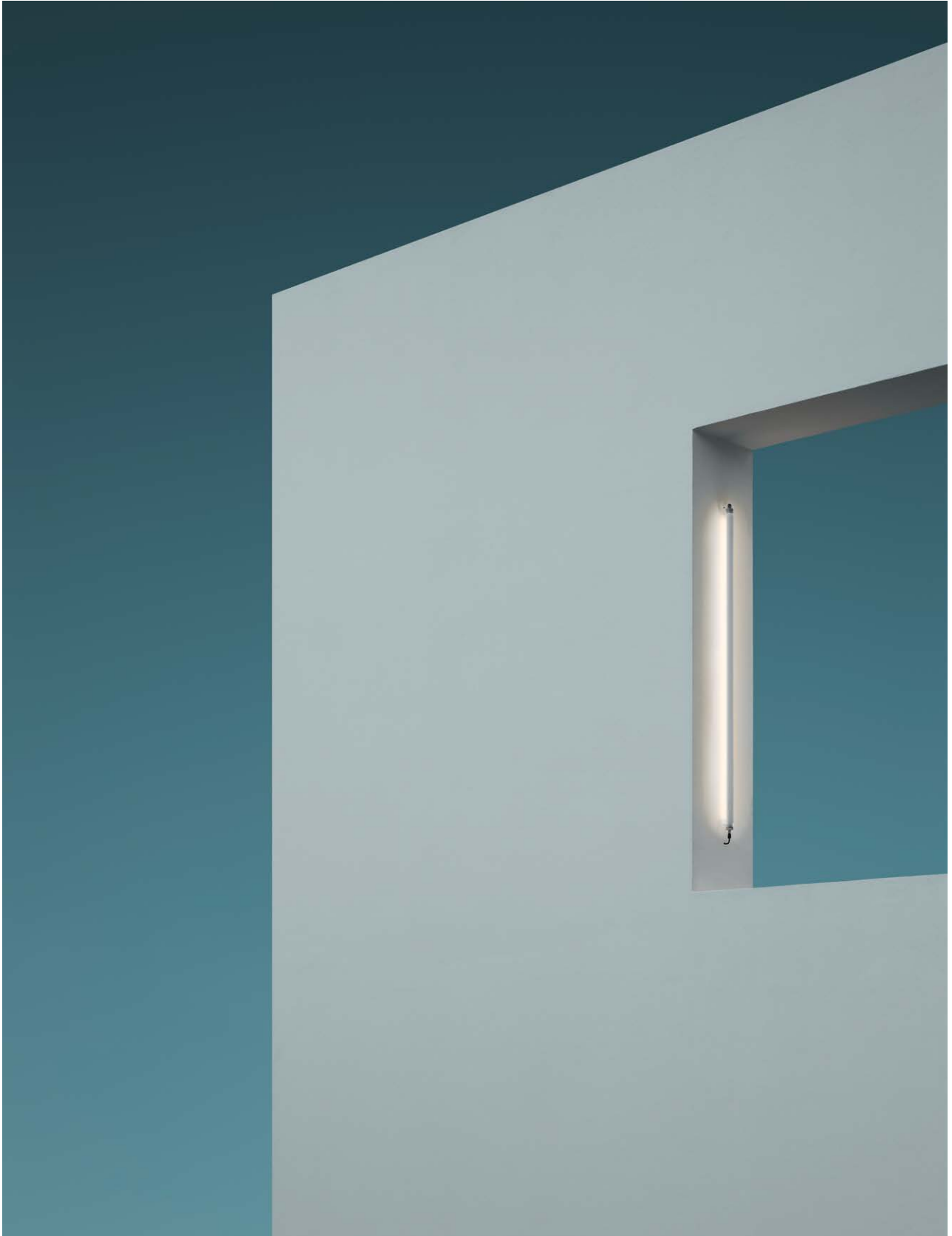
Schaltplan Nr.14 / Wiring diagram n.14

**Continous Line I/O H<sub>2</sub>O Stop Fast Connect:** Vorinstallierte H<sub>2</sub>O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H<sub>2</sub>O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



**Tau**









Tau L 354



**Low Power Led**

up to 3W  
up to 231 lm - 2700K/CRI 80  
up to 231 lm - 3000K/CRI 80  
up to 231 lm - 4000K/CRI 80  
\* Net lumen output

Tau Opal L 354



**Low Power Led**

up to 3W  
up to 118 lm - 2700K/CRI 80  
up to 118 lm - 3000K/CRI 80  
up to 118 lm - 4000K/CRI 80  
\* Net lumen output

Tau L 554



**Low Power Led**

up to 5W  
up to 384 lm - 2700K/CRI 80  
up to 384 lm - 3000K/CRI 80  
up to 384 lm - 4000K/CRI 80  
\* Net lumen output

Tau Opal L 554



**Low Power Led**

up to 5W  
up to 196 lm - 2700K/CRI 80  
up to 196 lm - 3000K/CRI 80  
up to 196 lm - 4000K/CRI 80  
\* Net lumen output

Tau L 1054



**Low Power Led**

up to 10W  
up to 768 lm - 2700K/CRI 80  
up to 768 lm - 3000K/CRI 80  
up to 768 lm - 4000K/CRI 80  
\* Net lumen output

Tau Opal L 1054



**Low Power Led**

up to 10W  
up to 392 lm - 2700K/CRI 80  
up to 392 lm - 3000K/CRI 80  
up to 392 lm - 4000K/CRI 80  
\* Net lumen output

Tau L 1554



**Low Power Led**

up to 15W  
up to 1152 lm - 2700K/CRI 80  
up to 1152 lm - 3000K/CRI 80  
up to 1152 lm - 4000K/CRI 80  
\* Net lumen output

Tau Opal L 1554



**Low Power Led**

up to 15W  
up to 589 lm - 2700K/CRI 80  
up to 589 lm - 3000K/CRI 80  
up to 589 lm - 4000K/CRI 80  
\* Net lumen output

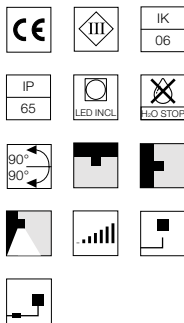
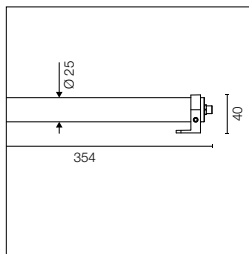
## Beschreibung / Description

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Lineare Leuchte mit LED-Quelle zur Wand- oder Deckenmontage. Polycarbonat-Rohrstruktur mit Anti-UV-Filter. Erhältlich in vier Längen und opaler oder transparenter Ausführung. Mattierte Polycarbonat-Befestigungsbügel und eloxierte Aluminiumverschlüsse. Ausgestattet mit Schraubanschlüssen an den Rohrenden, die die Verwendung eines separat zu bestellenden Zuführungskabels erfordern. Sie wird mit einem 2 m langen Kabel für den direkten Anschluss an das Stromnetz oder mit zwei 8 cm oder 20 cm langen Kabeln für die Reihenschaltung geliefert. Maximale Länge für Reihenschaltung: 5 m. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

Linear luminaire with LED light source, for installation on wall or ceiling. Polycarbonate tube structure with anti-UV filter. It is available in four lengths and opal or transparent finishes. Frosted polycarbonate fixing brackets and anodized aluminium closing caps. Equipped with screw connectors at the tube's ends which require the use of a feeding cable to be ordered separately. It is supplied with a 2 m cable for a direct connection to the power supply or two 8 cm or 20 cm cables for series connection. Maximum length for in series installation is 5 m. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

## Tau L 354



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Transparenter Polycarbonat-  
Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately  
Transparent polycarbonate  
diffuser.  
Adjustable light intensity.

**Low - Power Led:** 3W - 255 lm ≠ OUTPUT 231 lm - 2700K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 231 lm - 3000K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 231 lm - 4000K/CRI 80 - 24Vdc

### 2700K

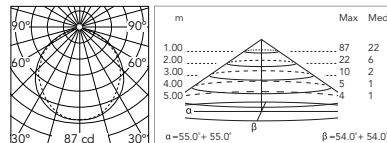
FA523203.A

### 3000K

FA523003.A

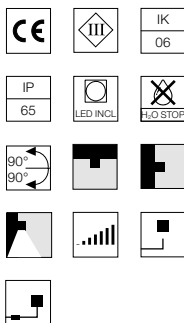
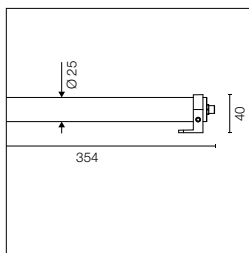
### 4000K

FA523002.A



@ 4000K

## Tau Opal L 354



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Opaler Polycarbonat-Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately. Adjustable  
light intensity.  
Opal polycarbonate diffuser.  
Adjustable light intensity.

**Low - Power Led:** 3W - 255 lm ≠ OUTPUT 118 lm - 2700K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 118 lm - 3000K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 118 lm - 4000K/CRI 80 - 24Vdc

### 2700K

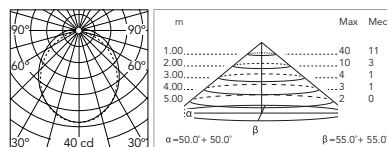
FA523213

### 3000K

FA523013.A

### 4000K

FA523012.A



@ 4000K

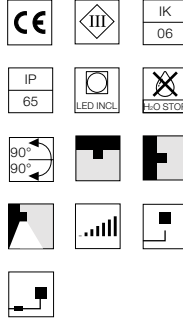
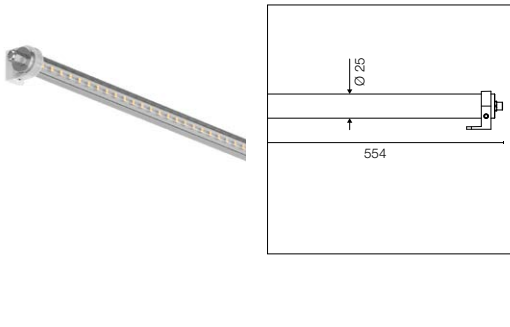
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	2	Acc. RF26387.A	5
Acc. RF25748	2	Acc. RF25752	6
Acc. RF25747	3	Acc. F990B28A000	16
Acc. RF25757	3	Acc. F990B27A000	22
Acc. RF25750	5	Acc. F990B29A000	30
Acc. F990B21A000	5		

## Tau L 554



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Transparenter Polycarbonat-  
Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately  
Transparent polycarbonate  
diffuser.  
Adjustable light intensity.

**Low - Power Led:** 5W - 420 lm ≠ OUTPUT 384 lm - 2700K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 384 lm - 3000K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 384 lm - 4000K/CRI 80 - 24Vdc

**2700K**

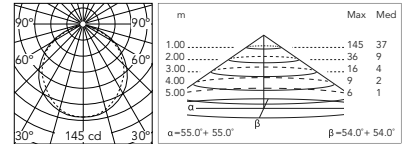
FA523223

**3000K**

FA523023.A

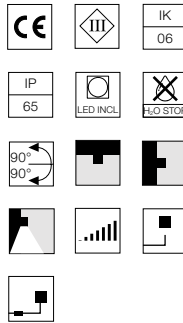
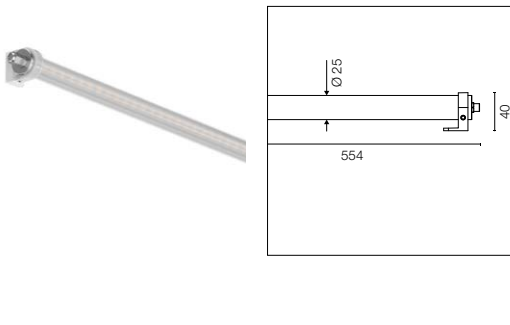
**4000K**

FA523022.A



@ 4000K

## Tau Opal L 554



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Opaler Polycarbonat-Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately. Adjustable  
light intensity.  
Opal polycarbonate diffuser.  
Adjustable light intensity.

**Low - Power Led:** 5W - 420 lm ≠ OUTPUT 196 lm - 2700K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 196 lm - 3000K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 196 lm - 4000K/CRI 80 - 24Vdc

**2700K**

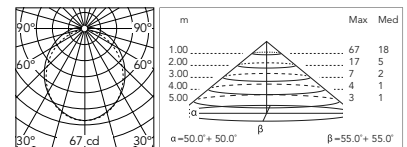
FA523223

**3000K**

FA523033.A

**4000K**

FA523032.A



@ 4000K

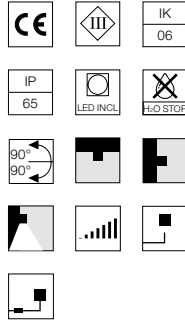
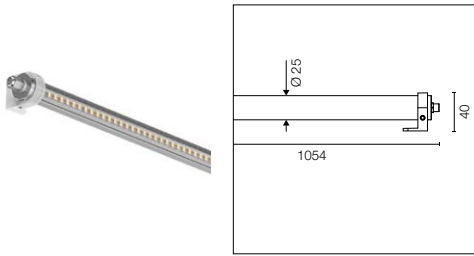
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF26387.A	3
Acc. RF25748	1	Acc. RF25752	4
Acc. RF25747	2	Acc. F990B28A000	10
Acc. RF25757	2	Acc. F990B27A000	14
Acc. RF25750	3	Acc. F990B29A000	18
Acc. F990B21A000	3		

## Tau L 1054



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Transparenter Polycarbonat-  
Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately  
Transparent polycarbonate  
diffuser.  
Adjustable light intensity.

**Low - Power Led:** 10W - 840 lm ≠ OUTPUT 768 lm - 2700K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 768 lm - 3000K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 768 lm - 4000K/CRI 80 - 24Vdc

**2700K**

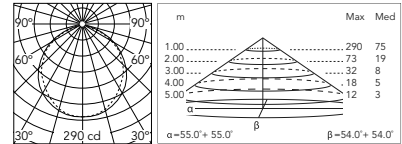
FA523243

**3000K**

FA523043.A

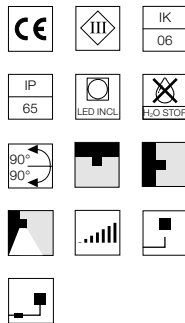
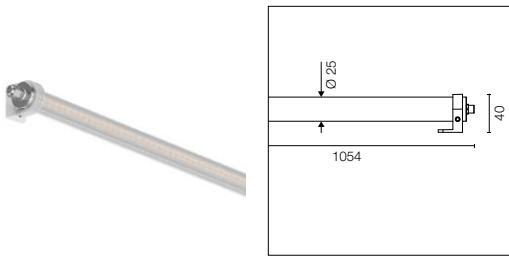
**4000K**

FA523042.A



@ 4000K

## Tau Opal L 1054



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Opaler Polycarbonat-Diffusor.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately. Adjustable  
light intensity.  
Opal polycarbonate diffuser.  
Adjustable light intensity.

**Low - Power Led:** 10W - 840 lm ≠ OUTPUT 393 lm - 2700K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 393 lm - 4000K/CRI 80 - 24Vdc

**2700K**

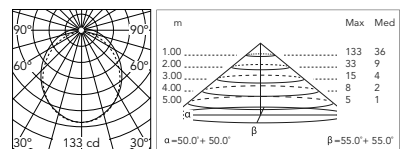
FA523253.A

**3000K**

FA523053.A

**4000K**

FA523052.A



@ 4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

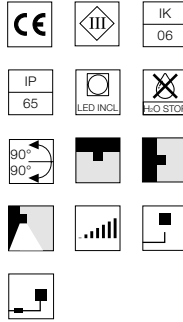
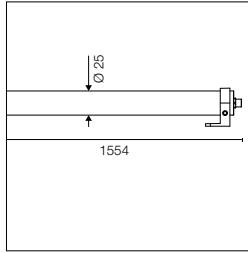
Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25750	1
Acc. F990B21A000	1
Acc. RF26387.A	1
Acc. RF25752	2

Acc. F990B28A000	5
Acc. F990B27A000	7
Acc. F990B29A000	9

## Tau L 1554



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Transparenter Polycarbonat-  
Diffuser.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately  
Transparent polycarbonate  
diffuser.  
Adjustable light intensity.

**Low - Power Led:** 15W - 1260 lm ≠ OUTPUT 1152 lm - 2700K/CRI 80 - 24Vdc / 15W - 1260 lm ≠ OUTPUT 1152 lm - 3000K/CRI 80 - 24Vdc / 15W - 41260 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80 - 24Vdc

### 2700K

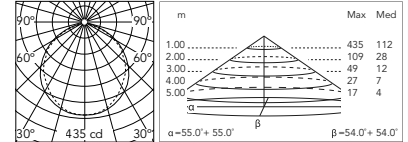
FA523263

### 3000K

FA523063.A

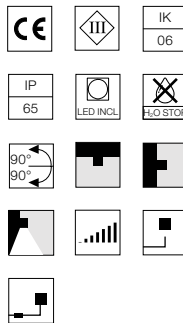
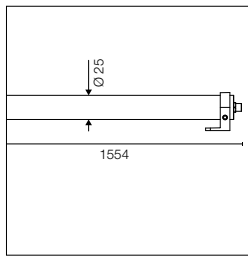
### 4000K

FA523062.A



@ 4000K

## Tau Opal L 1554



Inklusive LED-Lichtquelle.  
Gewindeanschluss am  
Rohrende. 24 V Gleichstrom-  
Fernstromversorgung und  
Einzel- oder Serienseisekabel  
müssen separat bestellt werden.  
Opaler Polycarbonat-Diffuser.  
Dimmbar.

LED light source included.  
Screw connector at the tube's  
end. 24V dc remote electric  
power supply and individual  
or series feeding cables, to be  
ordered separately. Adjustable  
light intensity.  
Opal polycarbonate diffuser.  
Adjustable light intensity.

**Low - Power Led:** 15W - 1260 lm ≠ OUTPUT 589 lm - 2700K/CRI 80 - 24Vdc / 15W - 1260 lm ≠ OUTPUT 589 lm - 3000K/CRI 80 - 24Vdc / 15W - 41260 lm ≠ OUTPUT 589 lm - 4000K/CRI 80 - 24Vdc

### 2700K

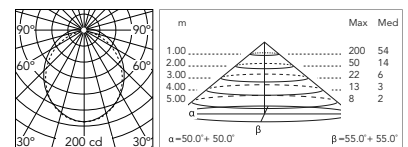
FA523273

### 3000K

FA523073.A

### 4000K

FA523072.A



@ 4000K

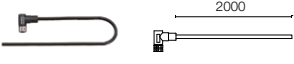
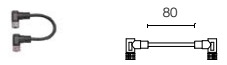
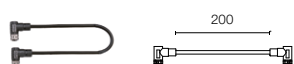
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.


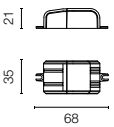

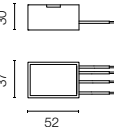

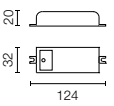

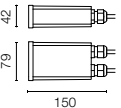


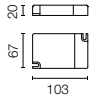


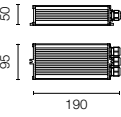


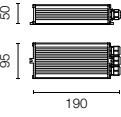

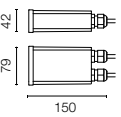

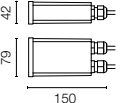
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25750	1	Acc. F990B28A000	3
Acc. F990B21A000	1	Acc. F990B27A000	4
Acc. RF26387.A	1	Acc. F990B29A000	6
Acc. RF25752	1		

## Tau: Zubehörteile / Accessories

Kabel L. 2000 mm Einzelanschluss.	Supply cable L.2000mm Single connector.	FA172	
Kabel L.80mm Doppelanschluss.	Supply cable L.80mm Double connector.	FA173	
Kabel L.200mm Doppelanschluss.	Supply cable L.200mm Double connector.	FA174	

## Tau: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	Tau L 554 *RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110- 240V IP65 Class II selv.	Tau L 554 *RF25748		
Netzgerät 24V 10W / 110- 240V IP20 Klasse II selv.	Power supply 24V 10W /110- 240V IP20 Class II selv.	Tau L 554 *RF25747		
Netzgerät 24V 10W / 110- 240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	Tau L 554 *RF25757		
Netzgerät für den Feinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	*RF25750  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.	Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv.	*F990B21A000  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät für den Feinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	*RF26387.A  Dimmable DALI See Wiring Diagram n.4. Page 830.		
Netzgerät für den Feinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	*RF25752		
Netzgerät 24Vdc 35W / 120- 270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		



## Tau: Treiber / Drivers

Netzgerät für den Feinbau  
24Vdc 50W / 120-240V IP67  
Klasse II selv.

Power supply for remote  
installation 24Vdc 50W / 120-  
240V IP67 Class II selv.

\*F990B28A000



Netzgerät für den Feinbau  
24Vdc 70W / 220-240V IP67  
Klasse II selv.

Power supply for remote  
installation 24Vdc 70W / 220-  
240V IP67 Class II selv.

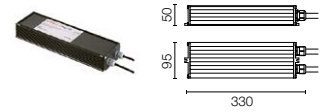
\*F990B27A000



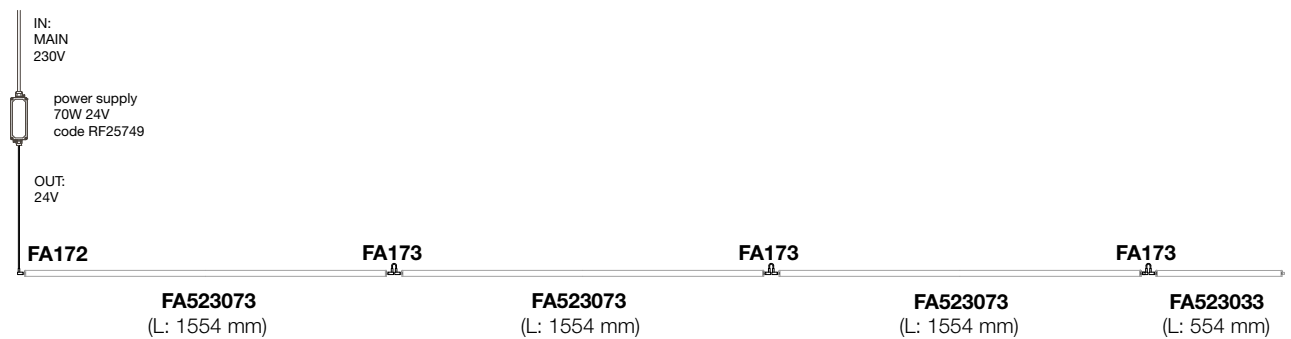
Netzgerät für den Feinbau  
24Vdc 96W / 120-240V IP67  
Klasse II selv.

Power supply for remote  
installation 24Vdc 96W / 120-  
240V IP67 Class II selv.

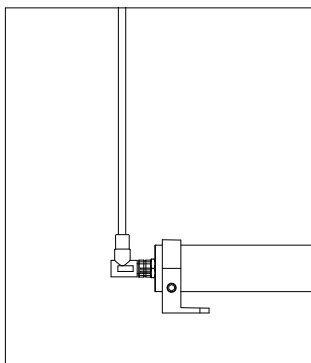
\*F990B29A000



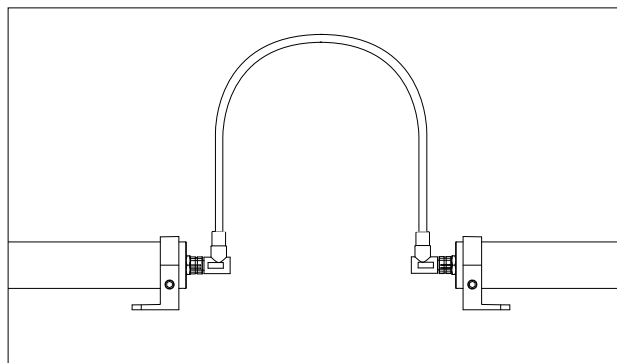
## Installationsbeispiel / Example of configuration



Maximale Länge 5 m / Max length in continuous 5mt



Acc. FA172



Acc. FA173

## Eclipse



Eclipse





## Familie / Family

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### Eclipse



#### Mid-Power Led

up to 10W  
up to 387 lm - 2700K/CRI 80  
up to 416 lm - 3000K/CRI 80  
up to 437 lm - 4000K/CRI 80  
\* Net lumen output

#### Mid-Power Led

up to 7,5W  
up to 387 lm - 2700K/CRI 80  
up to 416 lm - 3000K/CRI 80  
up to 437 lm - 4000K/CRI 80  
\* Net lumen output

### Eclipse Mini



#### Low-Power Led

up to 1,8W  
up to 45 lm - 2700K/CRI 80  
up to 51 lm - 3000K/CRI 80  
up to 55 lm - 4000K/CRI 80  
\* Net lumen output  
2200K available on request.

## Ausführungen / Colours

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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

## Beschreibung / Description

---

Familie von wandmontierten Wegleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geringe Stärke und ihre runde Form aus. Sie sind in zwei Dimensionen und verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

### Eclipse

Große, runde Leuchte zur Wandmontage. Verfügbar mit integrierter Stromversorgung oder 24 V Gleichstrom-Fernstromversorgung, die separat bestellt werden muss. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter profilierter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Direkte Oberflächenmontage mit einem mitgelieferten Edelstahlbügel.

### Eclipse Mini

Kleine, runde Leuchte zur Wandmontage. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter profilierter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die 24 V Gleichstrom-Leuchte braucht eine Fernstromversorgung, die separat bestellt werden muss. Für direkte Oberflächenmontage oder mit einer Einbaudose, die separat bestellt werden muss. Kompatibel mit der 3-Modul elektrischen Anschlussdose, Modell 503, wo die 24 V Gleichstrom-Fernstromversorgung installiert werden kann.

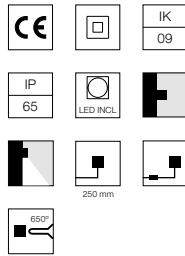
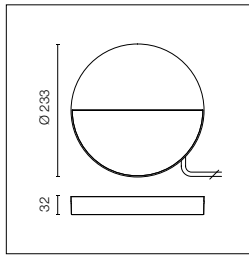
Family of wall mounted path lights with LED source. Defined by their reduced thickness and round shape. They're available in two dimensions and different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

### Eclipse

Big round luminaire for wall mounting. Available with integrated power supply or remote 24V dc power supply that needs to be ordered separately. EN AB-47100 die cast aluminum body (with low copper content) and transparent profiled polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. Direct attachment on the surface with an included stainless steel bracket.

### Eclipse Mini

Small round luminaire for wall mounting. EN AB-47100 die cast aluminum body (with low copper content) and transparent profiled polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. The 24V dc luminaire needs a remote power supply that needs to be ordered separately. Direct attachment on the surface or with a recessed box that needs to be ordered separately. Compatible with the three-module electrical junction box, model 503, where the remote 24V dc power supply can be installed.



Eclipse 230V  
 Inklusive LED-Quelle.  
 Elektrische Stromversorgung  
 220-240 ON/OFF.  
 Ausgestattet mit einem  
 200 mm überstehenden  
 Neoprenkabel und einem  
 Set mit Crimpverbindern  
 und selbstklebenden  
 Schrumpfschläuchen, die die  
 Dichtigkeit des Anschlusses  
 garantieren.

Eclipse 230V  
 LED source included. Electrical  
 power supply 220-240 ON/  
 OFF. Equipped with a 200mm  
 protruding section of neoprene  
 cable and a kit with crimpable  
 connectors and adhesive  
 heat-shrinkable sleeves that  
 guarantee the tightness of the  
 connection.

**Mid - Power Led:** 10W - 739 lm ≠ OUTPUT 387 lm - 2700K/CRI 80 - 220±240V / 10W - 795 lm ≠ OUTPUT 416 lm - 3000K/CRI 80 - 220±240V / 10W - 835 lm ≠ OUTPUT 437 lm - 4000K/CRI 80 - 220±240V

**2700K**

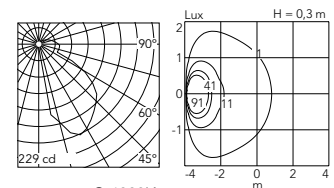
- FA54200701
- FA54200706
- FA54200712
- FA54200718
- FA54200730
- FA54200733

**3000K**

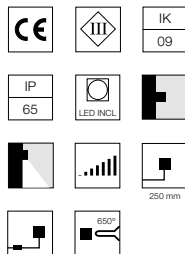
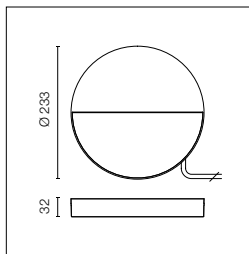
- FA54200301
- FA54200306
- FA54200312
- FA54200318
- FA54200330
- FA54200333

**4000K**

- FA54200201
- FA54200206
- FA54200212
- FA54200218
- FA54200230
- FA54200233



Eclipse



Inklusive LED-Quelle.  
 Die 24 V Gleichstrom-  
 Fernstromversorgung muss  
 separat bestellt werden.  
 Ausgestattet mit einem  
 300 mm überstehenden  
 Neoprenkabel und einem  
 Set mit Crimpverbindern  
 und selbstklebenden  
 Schrumpfschläuchen, die die  
 Dichtigkeit des Anschlusses  
 garantieren. Dimmbar.

LED source included. Remote  
 electrical power supply 24V  
 dc to be ordered separately.  
 Equipped with a 300mm  
 protruding section of neoprene  
 cable and a kit with crimpable  
 connectors and adhesive  
 heat-shrinkable sleeves that  
 guarantee the tightness of the  
 connection. Dimmable.

**Mid - Power Led:** 7,5W - 739 lm ≠ OUTPUT 387 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 795 lm ≠ OUTPUT 416 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 835 lm ≠ OUTPUT 437 lm - 4000K/CRI 80 - 24Vdc

**2700K**

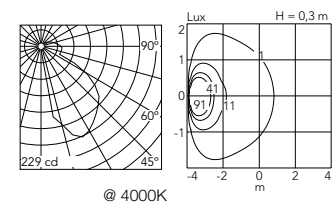
- FA54200901
- FA54200906
- FA54200912
- FA54200918
- FA54200930
- FA54200933

**3000K**

- FA54200601
- FA54200606
- FA54200612
- FA54200618
- FA54200630
- FA54200633

**4000K**

- FA54200501
- FA54200506
- FA54200512
- FA54200518
- FA54200530
- FA54200533



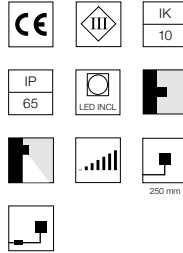
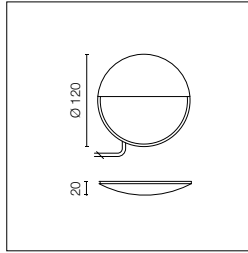
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro  
 Stromversorgung (220± 240  
 V). Diese Angaben müssen  
 unter Berücksichtigung der  
 spezifischen Installationsbed-  
 ingungen überprüft werden.

Maximum number of luminaires  
 per power supply. (220±240 V).  
 These data must be checked  
 taking into account the specific  
 installation conditions.

Acc. RF25747	1	Acc. RF25752	2
Acc. RF25757	1	Acc. F990B28A000	6
Acc. RF25750	2	Acc. F990B27A000	9
Acc. F990B21A000	2	Acc. F990B29A000	12
Acc. RF26387.A	2		





Inklusive LED-Quelle. Ergänzt mit einem reflektierenden Bildschirm. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Optionale elektrische Anschlussdose (3 Module, Modell 503) muss separat bestellt werden. Ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbar.

LED source included. Completed with a reflective screen. Remote electrical power supply 24V dc to be ordered separately. Optional electrical junction box (three modules, model 503) to be ordered separately. Equipped with a 250 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Dimmable.

2200K auf Anfrage erhältlich.

2200K available on request.

**Low - Power Led:** 1,8W - 187 lm ≠ OUTPUT 45 lm - 2700K/CRI 80 - 24Vdc / 1,8W - 212 lm ≠ OUTPUT 51 lm - 3000K/CRI 80 - 24Vdc / 1,8W - 227 lm ≠ OUTPUT 55 lm - 4000K/CRI 80 - 24Vdc

**2700K**

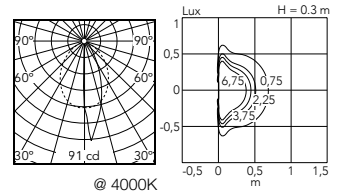
- FA52600501.A
- FA52600506.A
- FA52600512.A
- FA52600518.A
- FA52600530.A
- FA52600533.A

**3000K**

- FA52600301.A
- FA52600306.A
- FA52600312.A
- FA52600318.A
- FA52600330.A
- FA52600333.A

**4000K**

- FA52600201.A
- FA52600206.A
- FA52600212.A
- FA52600218.A
- FA52600230.A
- FA52600233.A



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

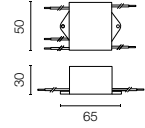
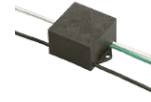
Acc. RF25754	3	Acc. RF26387.A	9
Acc. RF25748	3	Acc. RF25752	9
Acc. RF25747	5	Acc. F990B28A000	25
Acc. RF25757	5	Acc. F990B27A000	30
Acc. RF25750	8	Acc. F990B29A000	45
Acc. F990B21A000	8		

## Eclipse: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10kA  
(8 / 20µs). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10kA (8/20µs).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

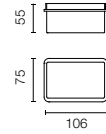
Eclipse  
F990E00A000



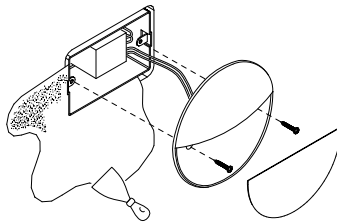
Eingebaute 3-Modul-  
Anschlussdose  
(Modell 503).

Recessed 3-module junction  
box (model 503).

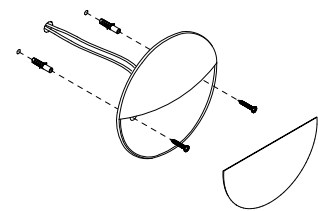
Eclipse Mini  
F990H010000



### Recessed installation Eclipse Mini



### Wall installation Eclipse Mini

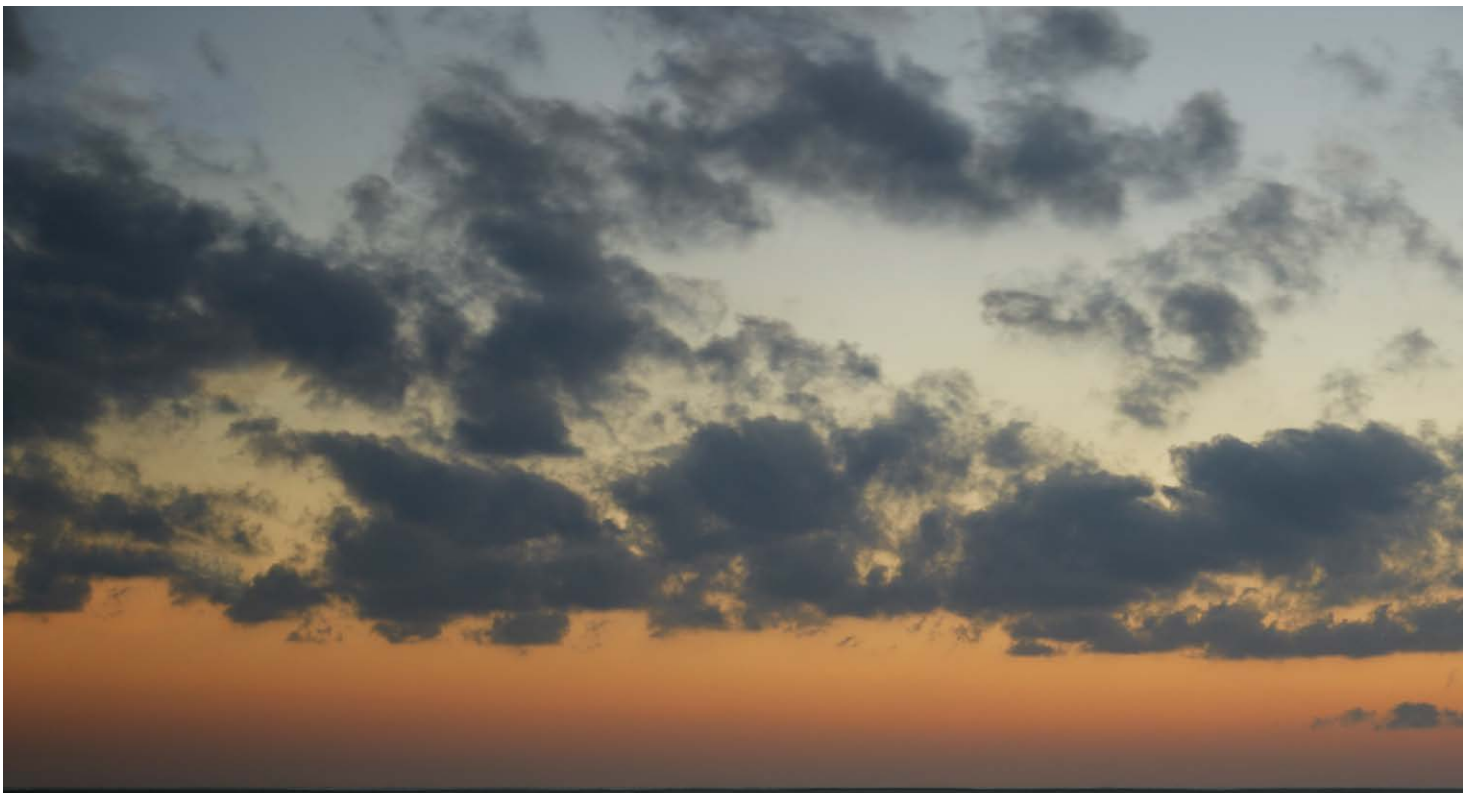


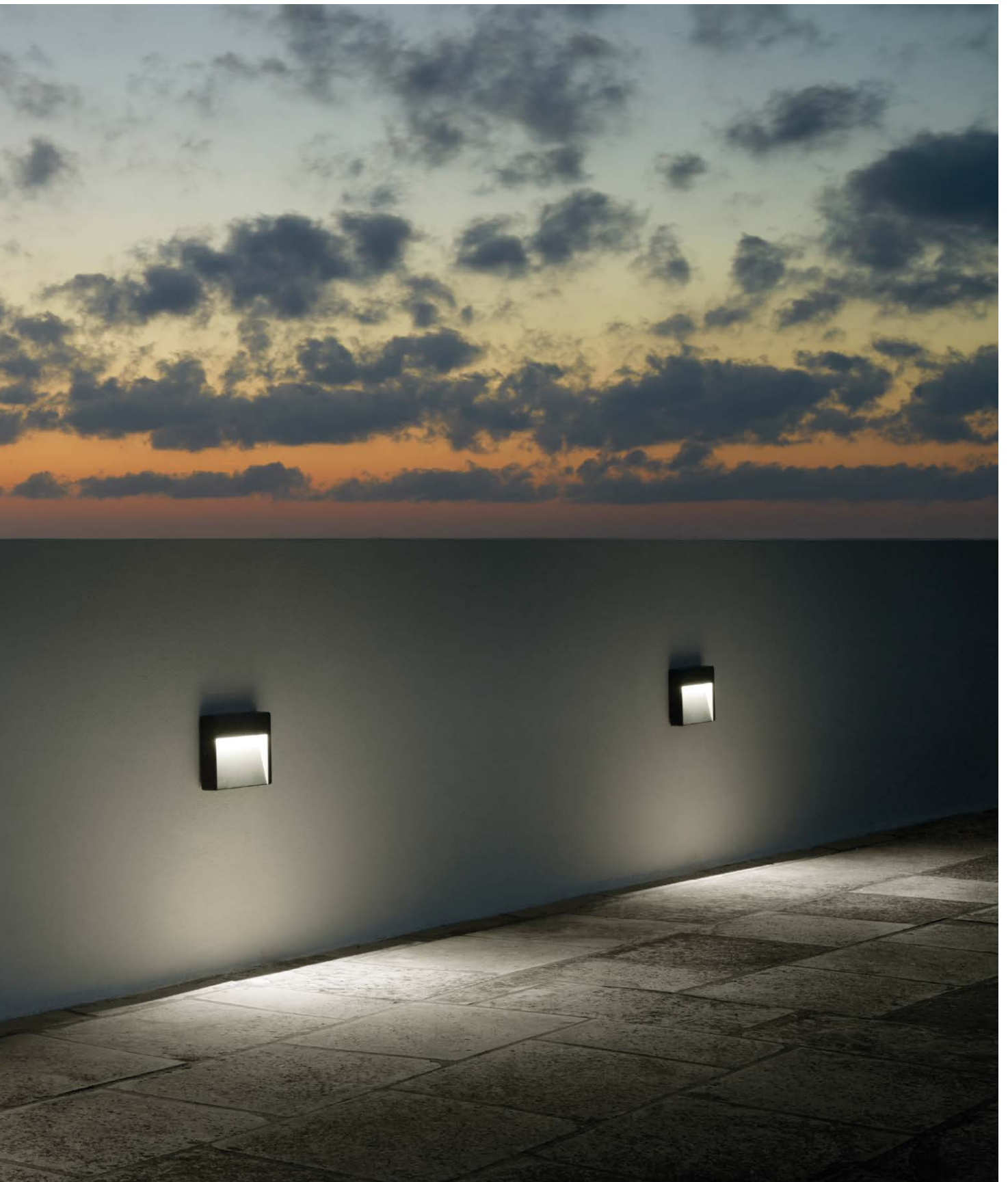
## Eclipse: Treiber / Drivers

Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Ferneinbau 24Vdc 17W / N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	*RF25750  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.	Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv.	*F990B21A000  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	*RF26387.A  Dimmable DALI See Wiring Diagram n.4. Page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	*RF25752		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv.	*F990B29A000		
Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	Eclipse Mini *RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	Eclipse Mini *RF25748		

**Hyperion**







## Familie / Family

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Hyperion



### Mid-Power Led

up to 10W  
up to 401 lm - 2700K/CRI 80  
up to 428 lm - 3000K/CRI 80  
up to 442 lm - 4000K/CRI 80  
\* Net lumen output

### Mid-Power Led

up to 7,5W  
up to 370 lm - 2700K/CRI 80  
up to 398 lm - 3000K/CRI 80  
up to 418 lm - 4000K/CRI 80  
\* Net lumen output

Hyperion Mini



### Low-Power Led

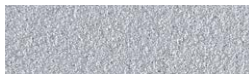
up to 1,9W  
up to 57 lm - 2700K/CRI 80  
up to 61 lm - 3000K/CRI 80  
up to 64 lm - 4000K/CRI 80  
\* Net lumen output

## Ausführungen / Colours

---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite



Familie von wandmontierten Wegleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geringe Stärke und ihre rechteckige Form aus. Sie sind in zwei Dimensionen und verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

### **Hyperion**

Große, rechteckige Leuchte mit geringer Stärke zur Wandmontage. Verfügbar mit integrierter Stromversorgung oder 24 V Gleichstrom-Fernstromversorgung, die separat bestellt werden muss. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter geformter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Direkte Oberflächenmontage mit einem mitgelieferten Edelstahlbügel. Optionales Zubehör verfügbar: Reflektor und Pfosten. Der satinierte Aluminiumreflektor erhöht den Lichtstrom um ca. 20 % und wird mit dem mitgelieferten doppelseitigen Klebeband am Gehäuse befestigt. Der stranggepresste Pfosten wird verwendet, um die Leuchte als Bollard zu montieren. Der Pfosten lässt sich mit Hilfe von Dübeln oder der als Zubehör erhältlichen Ankerplatte und Zugschrauben, mit denen die Leuchte fest auf dem Boden verankert wird, leicht auf jeder Bodenfläche installieren.

### **Hyperion Mini**

Kleine, rechteckige Leuchte zur Wandmontage. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter geformter Polycarbonat-Diffusor. Satinierter Aluminiumreflektor, der mit dem mitgelieferten doppelseitigen Klebeband befestigt wird. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die 24 V Leuchte braucht eine Fernstromversorgung, die separat bestellt werden muss. Für direkte Oberflächenmontage oder mit einer Einbaudose, die separat bestellt werden muss. Kompatibel mit der 3-Modul elektrischen Anschlussdose, Modell 503, wo die 24 V Gleichstrom-Fernstromversorgung installiert werden kann.

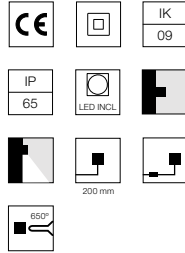
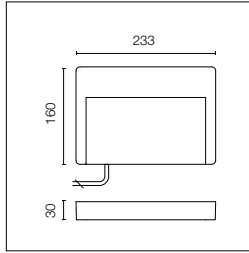
Family of wall mounted path lights with LED source. Defined by their reduced thickness and rectangular shape. They're available in two dimensions and different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

### **Hyperion**

Big rectangular luminaire with reduced thickness for wall mounting. Available with integrated power supply or remote 24V dc power supply that needs to be ordered separately. EN AB-47100 die cast aluminum body (with low copper content) and transparent molded polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. Direct attachment on the surface with an included stainless steel bracket. Optional accessories available: reflector and post. The satin aluminum reflector increases the luminous flux by approximately 20% and is attached to the body with the double-sided adhesive provided. The extruded post is used to install the luminaire as a bollard. The post is easily installed on any floor surface by means of dowels or the specific accessory anchor plate and lag screws that secure the luminaire solidly to the pavement.

### **Hyperion Mini**

Small rectangular luminaire for wall mounting. EN AB-47100 die cast aluminum body (with low copper content) and transparent molded polycarbonate diffuser. Reflective satin aluminum screen that is attached with the double-sided adhesive provided. With a neoprene cable section to ease the connection. The 24V luminaire needs a remote power supply that needs to be ordered separately. Direct attachment on the surface or with a recessed box that needs to be ordered separately. Compatible with the three module electrical junction box, model 503, where the remote 24V dc power supply can be installed.



Hyperion 230V.  
Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Satiierter Aluminiumreflektor, um den Lichtstrom zu erhöhen; 500 mm hoher, stranggepresster Pfosten für die Bollard-Version. Die mit Mörtel zu versenkende Ankerplatte muss separat bestellt werden.

Hyperion 230V.  
LED source included. Electrical power supply 220-240V ON/OFF. Equipped with a 200 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: satin aluminum reflector to increase the luminous flux; 500mm tall, extruded post for the bollard version. Anchor plate to be recessed with mortar needs to be ordered separately.

**Mid - Power Led:** 10W - 739 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 - 220÷240V / 10W - 795 lm ≠ OUTPUT 428 lm - 3000K/CRI 80 - 220÷240V / 10W - 835 lm ≠ OUTPUT 442 lm - 4000K/CRI 80 - 220÷240V

**2700K**

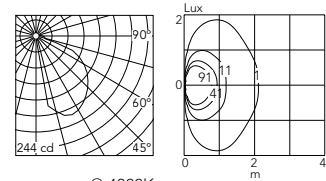
- FA52700501
- FA52700506
- FA52700512
- FA52700518
- FA52700530
- FA52700533

**3000K**

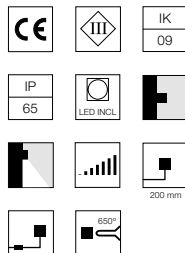
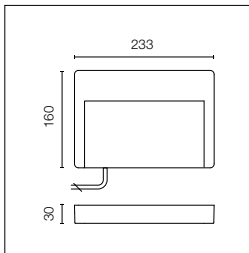
- FA52700301
- FA52700306
- FA52700312
- FA52700318
- FA52700330
- FA52700333

**4000K**

- FA52700201
- FA52700206
- FA52700212
- FA52700218
- FA52700230
- FA52700233



Hyperion



Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Satiierter Aluminiumreflektor, um den Lichtstrom zu erhöhen; 500 mm hoher, stranggepresster Pfosten für die Bollard-Version. Die mit Mörtel zu versenkende Ankerplatte muss separat bestellt werden. Dimmbar.

LED source included. Remote electrical power supply 24V dc to be ordered separately. Equipped with a 300 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: satin aluminum reflector to increase the luminous flux; 500mm tall, extruded post for the bollard version. Anchor plate to be recessed with mortar needs to be ordered separately. Dimmable.

**Mid - Power Led:** 7,5W - 739 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 795 lm ≠ OUTPUT 428 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 835 lm ≠ OUTPUT 442 lm - 4000K/CRI 80 - 24Vdc

**2700K**

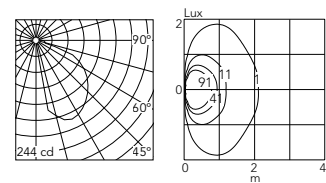
- FA52701501
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- FA52701518
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- FA52701533

**3000K**

- FA52701301
- FA52701306
- FA52701312
- FA52701318
- FA52701330
- FA52701333

**4000K**

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- FA52701206
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- FA52701233

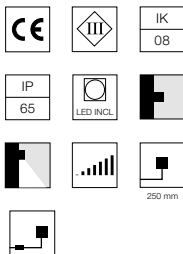
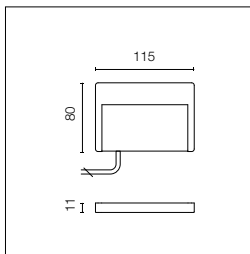


\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25747	1	Acc. RF25752	2
Acc. RF25757	1	Acc. F990B28A000	6
Acc. RF25750	2	Acc. F990B27A000	9
Acc. F990B21A000	2	Acc. F990B29A000	12
Acc. RF26387.A	2		



Inklusive LED-Quelle. Ergänzt mit einem reflektierenden Bildschirm. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Optionale Anschlussdose muss separat bestellt werden (3-Modul elektrische Dose, Modell 503). Ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbar.

LED source included. Completed with a reflective screen. Remote electrical power supply 24V dc to be ordered separately. Optional junction box to be ordered separately (3 module electrical box, model 503). Equipped with a 250 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Dimmable.

**Low - Power Led:** 1,9W - 139 lm ≠ OUTPUT 57 lm - 2700K/CRI 80 - 24Vdc / 1,9W - 149 lm ≠ OUTPUT 61 lm - 3000K/CRI 80 - 24Vdc / 1,9W - 156 lm ≠ OUTPUT 64 lm - 4000K/CRI 80 - 24Vdc

**2700K**

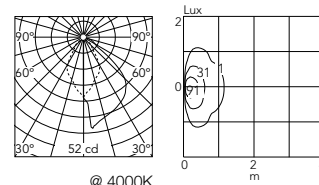
- FA102960001
- FA102960006
- FA102960012
- FA102960018
- FA102960030
- FA102960033

**3000K**

- FA102950001
- FA102950006
- FA102950012
- FA102950018
- FA102950030
- FA102950033

**4000K**

- FA1022290001
- FA1022290006
- FA1022290012
- FA1022290018
- FA1022290030
- FA1022290033



\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220- 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220-240 V). These data must be checked taking into account the specific installation conditions.

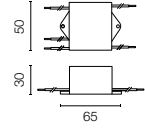
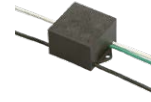
Acc. RF25754	3	Acc. RF26387_A	9
Acc. RF25748	3	Acc. RF25752	9
Acc. RF25747	5	Acc. F990B28A000	25
Acc. RF25757	5	Acc. F990B27A000	30
Acc. RF25750	8	Acc. F990B29A000	45
Acc. F990B21A000	8		

## Hyperion: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20µs). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20µs).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

Hyperion  
F990E00A000



Satiniertes Aluminium-Gestell  
Stärke 0,5 mm.

Satin aluminium carter  
Thickness 0.5mm.

Hyperion  
FA160



+

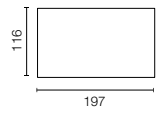


Lamp.4

=



Lamp.4+cod.160 =+20% lm



Verwendung des  
stranggepressten Pfosten  
als Bollard. Direkte  
Befestigung mit Dübeln  
oder mit Ankerplatte und  
Zugschrauben (optionales  
Zubehör).

Use of the extruded support  
as bollard. Direct fixing  
using studs or a base plate  
and fixing bolts (optional  
accessory).

H 500 mm

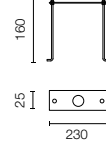
- FA24501
- FA24506
- FA24512
- FA24518
- FA24530
- FA24533



Stiftschraubenplatte.

Base plate with bolt.

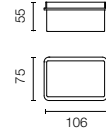
Hyperion  
FA247



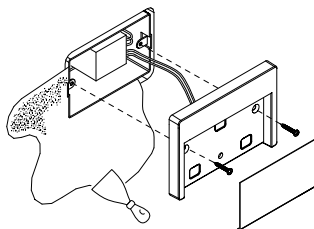
Eingebaute 3-Modul-  
Anschlussdose  
(Modell 503).

Recessed 3-module junction  
box (model 503).

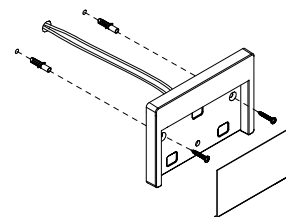
Hyperion Mini  
F990H010000




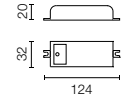

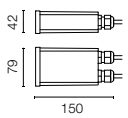


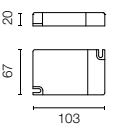


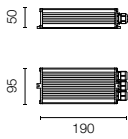


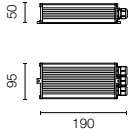

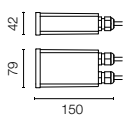

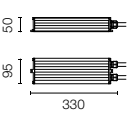

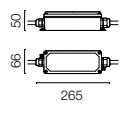

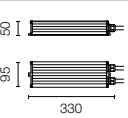

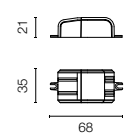

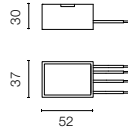
### Recessed installation



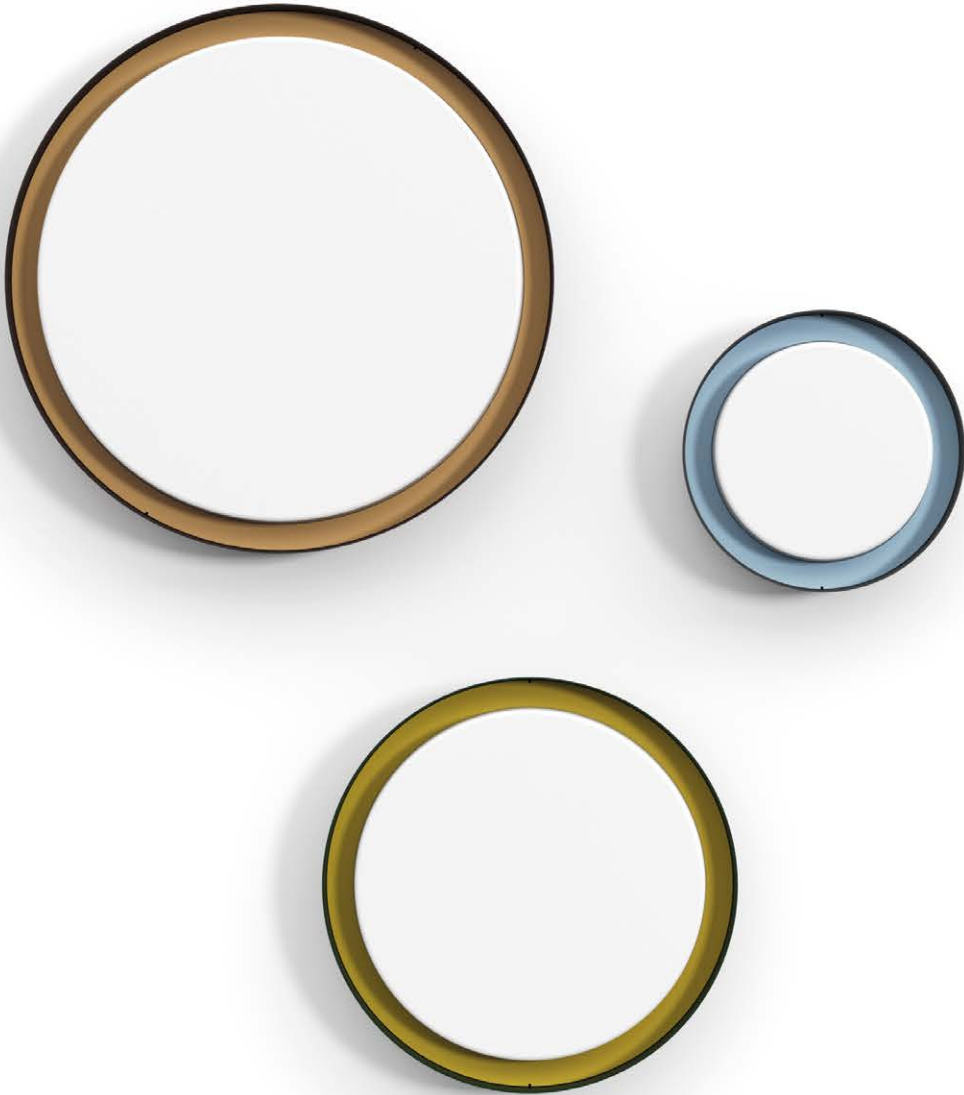
### Wall installation



## Hyperion: Treiber / Drivers

Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	*RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	*RF25757		
Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv.	Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv.	*RF25750  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv.	Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv.	*F990B21A000  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv.	*RF26387.A  Dimmable DALI See Wiring Diagram n.4. Page 830.		
Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	*RF25752		
Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		
Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv.	*F990B29A000		
Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	Hyperion Mini *RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	Hyperion Mini *RF25748		

## Platter



Platter







## Familie / Family

Platter 410



### Mid-Power Led

up to 34W  
up to 2345 lm - 2700K/CRI 80  
up to 2521 lm - 3000K/CRI 80  
up to 2712 lm - 4000K/CRI 80  
\* Net lumen output

Platter 310



### Mid-Power Led

up to 18W  
up to 1150 lm - 2700K/CRI 80  
up to 1237 lm - 3000K/CRI 80  
up to 1330 lm - 4000K/CRI 80  
\* Net lumen output

Platter 210



### Mid-Power Led

up to 11W  
up to 732 lm - 2700K/CRI 80  
up to 787 lm - 3000K/CRI 80  
up to 812 lm - 4000K/CRI 80  
\* Net lumen output

## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite



Grey / Brown Brick



Anthracite / Pale Blue



Deep Brown / Pale Brown



Forest Green / Olive Green

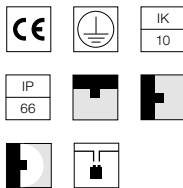
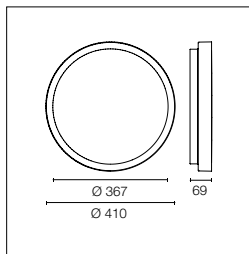
## Beschreibung / Description

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Familie von Leuchten zur Wand- oder Deckenmontage. Sie zeichnen sich durch ihre runde Form aus. Erhältlich in drei Dimensionen. Diffusor aus opalem Kunststoff, der eine hohe Gleichmäßigkeit bei der Lichtabgabe garantiert. EN AB-47100 Druckguss-Montageplatte (mit geringem Kupferanteil), gedrehte Aluminiumstruktur und Kühlkörper. Magnetischer Verschlussrahmen, um die Befestigungsschrauben aus Edelstahl AISI 316L zu verstecken. Sie sind in verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten

Family of wall or ceiling mounted luminaires. Defined by their round shape. Available in three dimensions. Diffuser made of opal plastic material that guarantees high uniformity in light emission. EN AB-47100 die-cast mounting plate (with low copper content), turned aluminum structure and heat sinks. Magnetic closing frame to hide the AISI 316L stainless steel fixing screws. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance.

## Platter 410



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<math>\phi</math><math><10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<math>\phi</math><math><10</math>mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm  $\neq$  OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm  $\neq$  OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm  $\neq$  OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

### 2700K

Non Dimmable

- FA53305201
- FA53305206
- FA53305212
- FA53305218
- FA53305230
- FA53305233
- 1-10V
- FA53305201-310
- FA53305206-310
- FA53305212-310
- FA53305218-310
- FA53305230-310
- FA53305233-310
- Dali
- FA53305201-300
- FA53305206-300
- FA53305212-300
- FA53305218-300
- FA53305230-300
- FA53305233-300

### 3000K

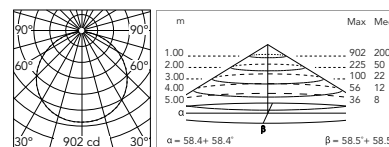
Non Dimmable

- FA53302201
- FA53302206
- FA53302212
- FA53302218
- FA53302230
- FA53302233
- 1-10V
- FA53302201-310
- FA53302206-310
- FA53302212-310
- FA53302218-310
- FA53302230-310
- FA53302233-310
- Dali
- FA53302201-300
- FA53302206-300
- FA53302212-300
- FA53302218-300
- FA53302230-300
- FA53302233-300

### 4000K

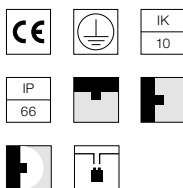
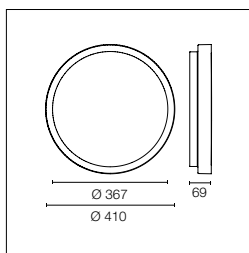
Non Dimmable

- FA53302101
- FA53302106
- FA53302112
- FA53302118
- FA53302130
- FA53302133
- 1-10V
- FA53302101-310
- FA53302106-310
- FA53302112-310
- FA53302118-310
- FA53302130-310
- FA53302133-310
- Dali
- FA53302101-300
- FA53302106-300
- FA53302112-300
- FA53302118-300
- FA53302130-300
- FA53302133-300



@ 4000K

## Platter 410 Grey / Brown Brick



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<math>\phi</math><math><10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<math>\phi</math><math><10</math>mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm  $\neq$  OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm  $\neq$  OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm  $\neq$  OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

### 2700K

Non Dimmable

- FA533421
- 1-10V
- FA533421-310
- Dali
- FA533421-300

### 3000K

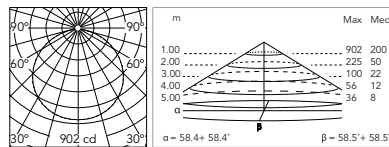
Non Dimmable

- FA533431
- 1-10V
- FA533431-310
- Dali
- FA533431-300

### 4000K

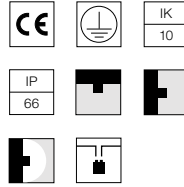
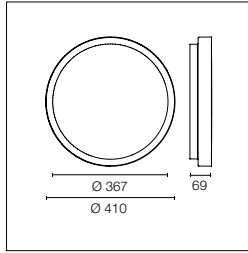
Non Dimmable

- FA533441
- 1-10V
- FA533441-310
- Dali
- FA533441-300



@ 4000K

## Platter 410 Anthracite / Pale Blue



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\varnothing</math> <math>< 10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm <math>\varnothing</math> <math>< 10</math>mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm  $\neq$  OUTPUT 2345 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 34W - 3860 lm  $\neq$  OUTPUT 2521 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 34W - 4152 lm  $\neq$  OUTPUT 2712 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

● FA533422

1-10V

● FA533422-310

Dali

● FA533422-300

### 3000K

Non Dimmable

● FA533432

1-10V

● FA533432-310

Dali

● FA533432-300

### 4000K

Non Dimmable

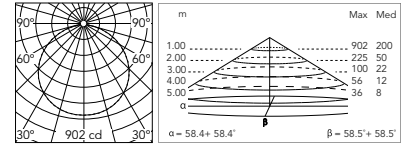
● FA533442

1-10V

● FA533442-310

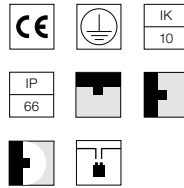
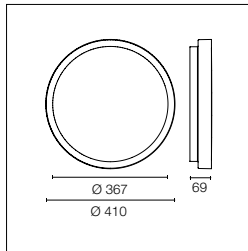
Dali

● FA533442-300



@ 4000K

## Platter 410 Deep Brown / Pale Brown



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\varnothing</math> <math>< 10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm <math>\varnothing</math> <math>< 10</math>mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm  $\neq$  OUTPUT 2345 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 34W - 3860 lm  $\neq$  OUTPUT 2521 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 34W - 4152 lm  $\neq$  OUTPUT 2712 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

● FA533423

1-10V

● FA533423-310

Dali

● FA533423-300

### 3000K

Non Dimmable

● FA533433

1-10V

● FA533433-310

Dali

● FA533433-300

### 4000K

Non Dimmable

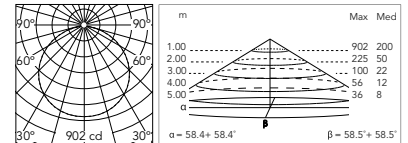
● FA533443

1-10V

● FA533443-310

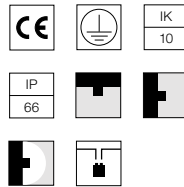
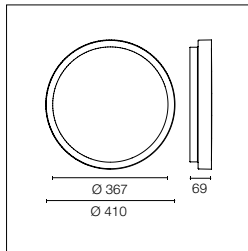
Dali

● FA533443-300



@ 4000K

## Platter 410 Forest Green / Olive Green



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\varnothing</math> <math>< 10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm <math>\varnothing</math> <math>< 10</math>mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm  $\neq$  OUTPUT 2345 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 34W - 3860 lm  $\neq$  OUTPUT 2521 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 34W - 4152 lm  $\neq$  OUTPUT 2712 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

● FA533424

1-10V

● FA533424-310

Dali

● FA533424-300

### 3000K

Non Dimmable

● FA533434

1-10V

● FA533434-310

Dali

● FA533434-300

### 4000K

Non Dimmable

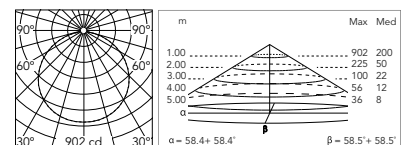
● FA533444

1-10V

● FA533444-310

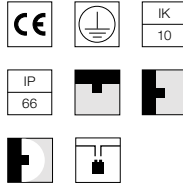
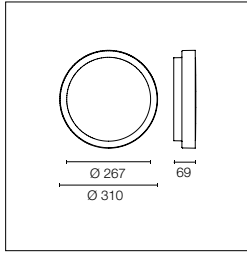
Dali

● FA533444-300



@ 4000K

## Platter 310

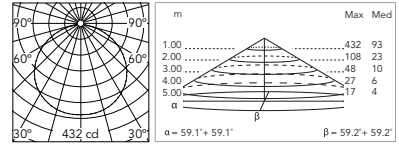


Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math>< 10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math>< 10</math> mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

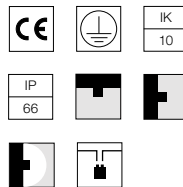
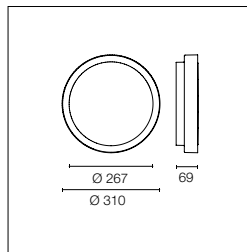
**Mid-Power Led:** 18W - 1874 lm  $\neq$  OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm  $\neq$  OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm  $\neq$  OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

<b>2700K</b>	<b>3000K</b>	<b>4000K</b>
Non Dimmable	Non Dimmable	Non Dimmable
○ FA53305101	○ FA53301201	○ FA53301101
● FA53305106	● FA53301206	● FA53301106
● FA53305112	● FA53301212	● FA53301112
● FA53305118	● FA53301218	● FA53301118
● FA53305130	● FA53301230	● FA53301130
● FA53305133	● FA53301233	● FA53301133
1-10V	1-10V	1-10V
○ FA53305101-310	○ FA53301201-310	○ FA53301101-310
● FA53305106-310	● FA53301206-310	● FA53301106-310
● FA53305112-310	● FA53301212-310	● FA53301112-310
● FA53305118-310	● FA53301218-310	● FA53301118-310
● FA53305130-310	● FA53301230-310	● FA53301130-310
● FA53305133-310	● FA53301233-310	● FA53301133-310
Dali	Dali	Dali
○ FA53305101-300	○ FA53301201-300	○ FA53301101-300
● FA53305106-300	● FA53301206-300	● FA53301106-300
● FA53305112-300	● FA53301212-300	● FA53301112-300
● FA53305118-300	● FA53301218-300	● FA53301118-300
● FA53305130-300	● FA53301230-300	● FA53301130-300
● FA53305133-300	● FA53301233-300	● FA53301133-300



@ 4000K

## Platter 310 Grey / Brown Brick

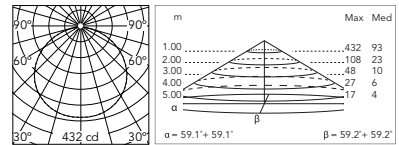


Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math>< 10</math> mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math>< 10</math> mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

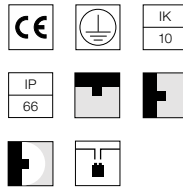
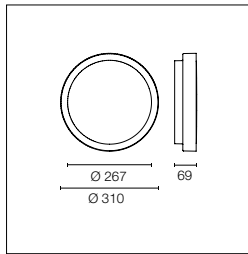
**Mid-Power Led:** 18W - 1874 lm  $\neq$  OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm  $\neq$  OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm  $\neq$  OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

<b>2700K</b>	<b>3000K</b>	<b>4000K</b>
Non Dimmable	Non Dimmable	Non Dimmable
● FA533321	● FA533331	● FA533341
1-10V	1-10V	1-10V
● FA533321-310	● FA533331-310	● FA533341-310
Dali	Dali	Dali
● FA533321-300	● FA533331-300	● FA533341-300



@ 4000K

## Platter 310 Anthracite / Pale Blue



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<math>\phi</math><math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<math>\phi</math><math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm  $\neq$  OUTPUT 1150 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 18W - 2015 lm  $\neq$  OUTPUT 1237 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 18W - 2168 lm  $\neq$  OUTPUT 1330 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

- FA533322
- 1-10V
- FA533322-310
- Dali
- FA533322-300

### 3000K

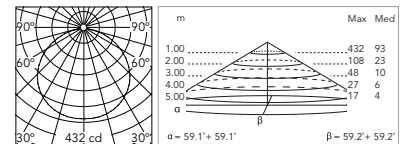
Non Dimmable

- FA533332
- 1-10V
- FA533332-310
- Dali
- FA533332-300

### 4000K

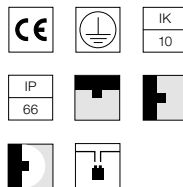
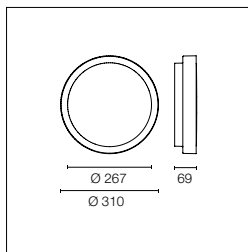
Non Dimmable

- FA533342
- 1-10V
- FA533342-310
- Dali
- FA533342-300



@ 4000K

## Platter 310 Deep Brown / Pale Brown



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<math>\phi</math><math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<math>\phi</math><math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm  $\neq$  OUTPUT 1150 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 18W - 2015 lm  $\neq$  OUTPUT 1237 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 18W - 2168 lm  $\neq$  OUTPUT 1330 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

- FA533323
- 1-10V
- FA533323-310
- Dali
- FA533323-300

### 3000K

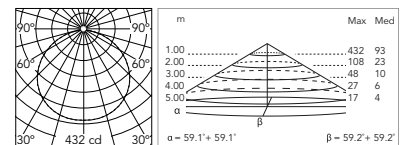
Non Dimmable

- FA533333
- 1-10V
- FA533333-310
- Dali
- FA533333-300

### 4000K

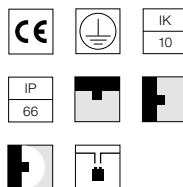
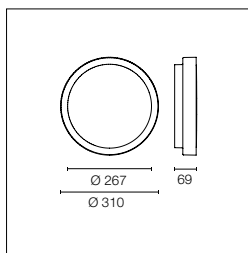
Non Dimmable

- FA533343
- 1-10V
- FA533343-310
- Dali
- FA533343-300



@ 4000K

## Platter 310 Forest Green / Olive Green



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<math>\phi</math><math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<math>\phi</math><math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm  $\neq$  OUTPUT 1150 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 18W - 2015 lm  $\neq$  OUTPUT 1237 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 18W - 2168 lm  $\neq$  OUTPUT 1330 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

Non Dimmable

- FA533324
- 1-10V
- FA533324-310
- Dali
- FA533324-300

### 3000K

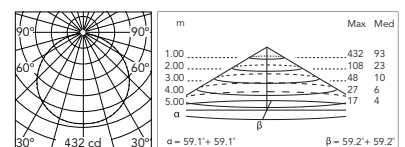
Non Dimmable

- FA533334
- 1-10V
- FA533334-310
- Dali
- FA533334-300

### 4000K

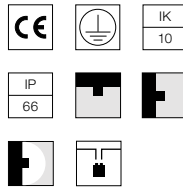
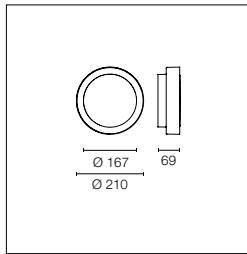
Non Dimmable

- FA533344
- 1-10V
- FA533344-310
- Dali
- FA533344-300



@ 4000K

## Platter 210



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1202 lm  $\neq$  OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm  $\neq$  OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm  $\neq$  OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

### 2700K

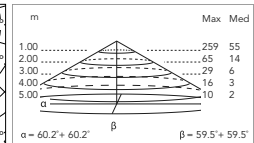
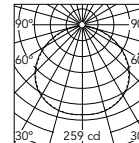
- FA53305001
- FA53305006
- FA53305012
- FA53305018
- FA53305030
- FA53305033

### 3000K

- FA53300201
- FA53300206
- FA53300212
- FA53300218
- FA53300230
- FA53300233

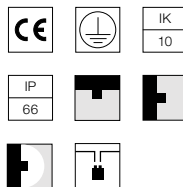
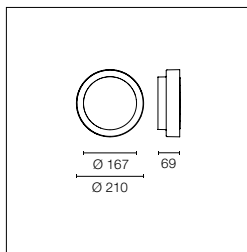
### 4000K

- FA53300101
- FA53300106
- FA53300112
- FA53300118
- FA53300130
- FA53300133



@ 4000K

## Platter 210 Grey / Brown Brick



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1261 lm  $\neq$  OUTPUT 765 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm  $\neq$  OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm  $\neq$  OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

### 2700K

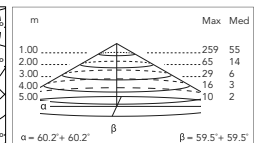
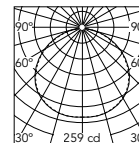
- FA533221

### 3000K

- FA533231

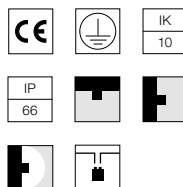
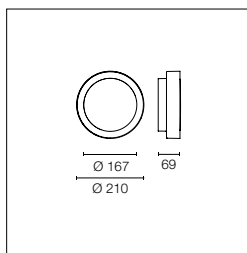
### 4000K

- FA533241



@ 4000K

## Platter 210 Anthracite / Pale Blue



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1202 lm  $\neq$  OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm  $\neq$  OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm  $\neq$  OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

### 2700K

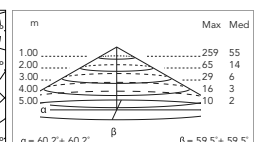
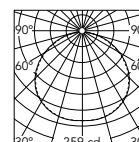
- FA533222

### 3000K

- FA533232

### 4000K

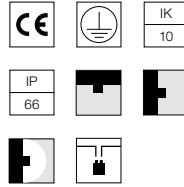
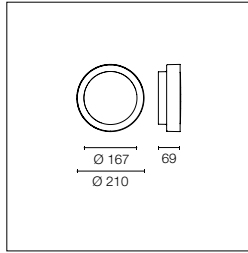
- FA533242



@ 4000K



## Platter 210 Deep Brown / Pale Brown



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1202 lm  $\neq$  OUTPUT 732 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 11W - 1292 lm  $\neq$  OUTPUT 787 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 11W - 1334 lm  $\neq$  OUTPUT 812 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

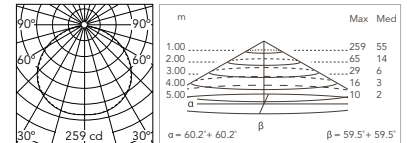
● FA533223

### 3000K

● FA533233

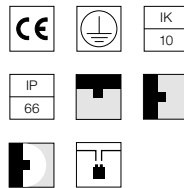
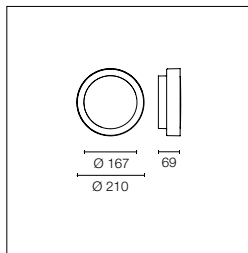
### 4000K

● FA533243



@ 4000K

## Platter 210 Forest Green / Olive Green



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm <math>\phi</math> <math><10\text{ mm}</math> und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm <math>\phi</math> <math><10\text{ mm}</math> and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1202 lm  $\neq$  OUTPUT 732 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 11W - 1292 lm  $\neq$  OUTPUT 787 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 11W - 1334 lm  $\neq$  OUTPUT 812 lm - 4000K/CRI 80 - 220 $\pm$ 240V

### 2700K

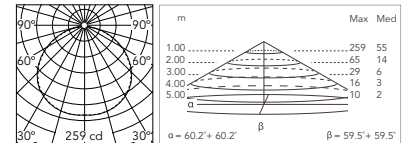
● FA533224

### 3000K

● FA533234

### 4000K

● FA533244



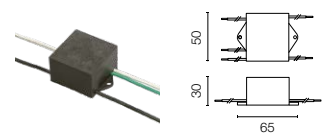
@ 4000K

## Platter: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20 $\mu$ s). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20 $\mu$ s). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



**Leila**







## Familie / Family

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Leila 1



### CoB Led

up to 14W  
up to 941 lm - 2700K/CRI 80  
up to 980 lm - 3000K/CRI 80  
up to 1073 lm - 4000K/CRI 80  
\* Net lumen output

Leila 2



### CoB Led

up to 14W  
up to 1457 lm - 2700K/CRI 80  
up to 1567 lm - 3000K/CRI 80  
up to 1653 lm - 4000K/CRI 80  
\* Net lumen output

Leila 3



### CoB Led

up to 28W  
up to 2380 lm - 2700K/CRI 80  
up to 2559 lm - 3000K/CRI 80  
up to 2700 lm - 4000K/CRI 80  
\* Net lumen output

Leila 4



### CoB Led

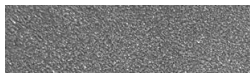
up to 40W  
up to 3443 lm - 2700K/CRI 80  
up to 3742 lm - 3000K/CRI 80  
up to 3929 lm - 4000K/CRI 80  
\* Net lumen output

## Ausführungen / Colours

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01 White



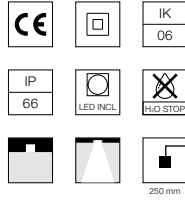
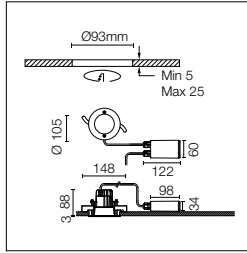
56 Matt Stainless Steel

## Beschreibung / Description

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Leuchtenfamilie mit LED-Quelle für Deckeneinbau oder Gipskarton-Zwischendeckenmontage. Sie zeichnen sich durch ihre runde Form aus. Erhältlich in vier Dimensionen und verschiedenen Abstrahlwinkeln per Dimension. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), Außendeckel aus Edelstahl AISI 316L, kugelgestrahlt und mattweiß lackiert. Texturierter Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Ausgestattet mit einem wasserdichten M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht. Die Stromversorgung wird zusammen mit einem IP67-Fernbedienungs-kit geliefert, das bei Einbau in eine gemauerte Decke in der Anschlussdose untergebracht wird, oder bei Einbau in eine Zwischendecke direkt neben der Leuchte befestigt wird. Die Anschlussdose zum Einbau in gemauerten oder Stahlbetondecken ist als Zubehör erhältlich.

Luminaire family with LED source for recessed ceiling and plaster-board false ceiling mounting. Defined by their round shape. Available in four dimensions and different beam angles per dimension. EN AB-47100 die cast aluminum body (with low copper content), AISI 316L stainless steel outer lid, shot-blasted and varnished in matte white. Textured glass diffuser with silkscreen edge, attached to the luminaire with a robotic gluing system. The fixing screws are made of stainless steel AISI 316L. Equipped with a watertight M12 threaded connector that prevents water infiltration and facilitates quick connection to the wiring unit. The power supply is supplied together with a remote IP67 kit to be housed in the junction box in case of recessed installation in a masonry ceiling, or supported directly near the luminaire, in case of recessed installation in a false ceiling. The metal junction box to be recessed in case of installation in masonry or reinforced concrete ceilings is available as an accessory.



Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF: Fernbedienungs kit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

LED source included. Electrical power supply 220-240V ON/OFF: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Spot 19°**

**CoB Led:** 14W - 941 lm ≠ OUTPUT 859 lm - 2700K/CRI 80 - 220÷240V / 14W - 980 lm ≠ OUTPUT 895 lm - 3000K/CRI 80 - 220÷240V / 14W - 1073 lm ≠ OUTPUT 980 lm - 4000K/CRI 80 - 220÷240V

**2700K**

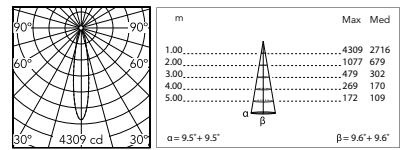
- FA53610901
- FA53610356

**3000K**

- FA53600901
- FA53600356

**4000K**

- FA53600801
- FA53600256



@ 3000K

**Optic Medium 43°**

**CoB Led:** 14W - 941 lm ≠ OUTPUT 941 lm - 2700K/CRI 80 - 220÷240V / 14W - 980 lm ≠ OUTPUT 980 lm - 3000K/CRI 80 - 220÷240V / 14W - 1073 lm ≠ OUTPUT 1073 lm - 4000K/CRI 80 - 220÷240V

**2700K**

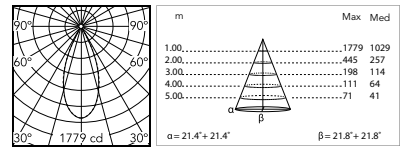
- FA53611201
- FA53610656

**3000K**

- FA53601201
- FA53600656

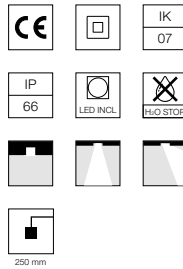
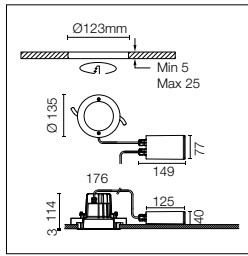
**4000K**

- FA53601101
- FA53600556



@ 3000K





Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungsset mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden  
Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Spot 24°**

**CoB Led:** 14W - 1457 lm ≠ OUTPUT 1457 lm - 2700K/CRI 80 - 220÷240V / 14W - 1567 lm ≠ OUTPUT 1567 lm - 3000K/CRI 80 - 220÷240V / 14W - 1653 lm ≠ OUTPUT 1653 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53612201.A
- FA53611456.A
- 1-10V
- FA53612201-310.A
- FA53611456-310.A
- Dali
- FA53612201-300.A
- FA53611456-300.A

**3000K**

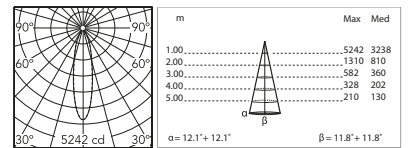
Non Dimmable

- FA53602201
- FA53601456
- 1-10V
- FA53602201-310
- FA53601456-310
- Dali
- FA53602201-300
- FA53601456-300

**4000K**

Non Dimmable

- FA53602101.A
- FA53601356.A
- 1-10V
- FA53602101-310.A
- FA53601356-310.A
- Dali
- FA53602101-300.A
- FA53601356-300.A



@ 3000K

**Optic Medium 37°**

**CoB Led:** 14W - 1457 lm ≠ OUTPUT 1365 lm - 2700K/CRI 80 - 220÷240V / 14W - 1567 lm ≠ OUTPUT 1468 lm - 3000K/CRI 80 - 220÷240V / 14W - 1653 lm ≠ OUTPUT 1549 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53612401.A
- FA53611656.A
- 1-10V
- FA53612401-310.A
- FA53611656-310.A
- Dali
- FA53612401-300.A
- FA53611656-300.A

**3000K**

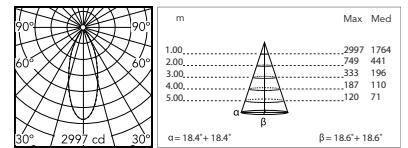
Non Dimmable

- FA53602401
- FA53601656
- 1-10V
- FA53602401-310
- FA53601656-310
- Dali
- FA53602401-300
- FA53601656-300

**4000K**

Non Dimmable

- FA53602301.A
- FA53601556.A
- 1-10V
- FA53602301-310.A
- FA53601556-310.A
- Dali
- FA53602301-300.A
- FA53601556-300.A



@ 3000K

**Asymmetric Optic 12° - 19°**

**CoB Led:** 14W - 1457 lm ≠ OUTPUT 974 lm - 2700K/CRI 80 - 220÷240V / 14W - 1567 lm ≠ OUTPUT 1015 lm - 3000K/CRI 80 - 220÷240V / 14W - 1653 lm ≠ OUTPUT 1111 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53612601
- FA53611856
- 1-10V
- FA53612601-310
- FA53611856-310
- Dali
- FA53612601-300
- FA53611856-300

**3000K**

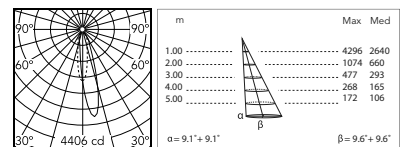
Non Dimmable

- FA53602601
- FA53601856
- 1-10V
- FA53602601-310
- FA53601856-310
- Dali
- FA53602601-300
- FA53601856-300

**4000K**

Non Dimmable

- FA53602501
- FA53601756
- 1-10V
- FA53602501-310
- FA53601756-310
- Dali
- FA53602501-300
- FA53601756-300



@ 3000K

**Asymmetric Optic 12° - 53°**

**CoB Led:** 14W - 1457 lm ≠ OUTPUT 1209 lm - 2700K/CRI 80 - 220÷240V / 14W - 1567 lm ≠ OUTPUT 1259 lm - 3000K/CRI 80 - 220÷240V / 14W - 1653 lm ≠ OUTPUT 1379 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53612801
- FA53612056
- 1-10V
- FA53612801-310
- FA53612056-310
- Dali
- FA53612801-300
- FA53612056-300

**3000K**

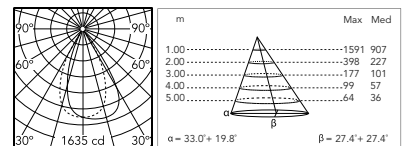
Non Dimmable

- FA53602801
- FA53602056
- 1-10V
- FA53602801-310
- FA53602056-310
- Dali
- FA53602801-300
- FA53602056-300

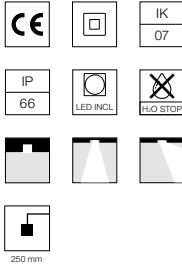
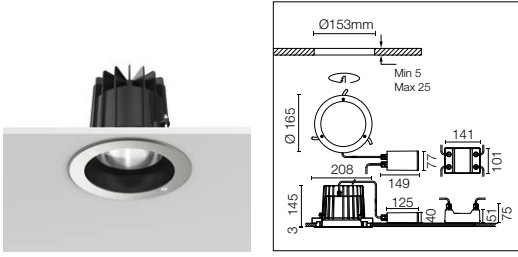
**4000K**

Non Dimmable

- FA53602701
- FA53601956
- 1-10V
- FA53602701-310
- FA53601956-310
- Dali
- FA53602701-300
- FA53601956-300



@ 3000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungs kit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Spot 17°**

**CoB Led:** 28W - 2380 lm ≠ OUTPUT 2380 lm - 2700K/CRI 80 - 220÷240V / 28W - 2559 lm ≠ OUTPUT 2559 lm - 3000K/CRI 80 - 220÷240V / 28W - 2700 lm ≠ OUTPUT 2700 lm - 4000K/CRI 80 - 220÷240V

**2700K**

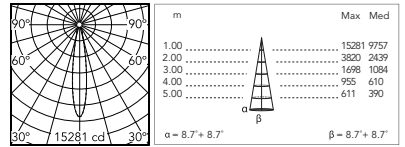
- Non Dimmable
- FA53613801.A
- FA53613056.A
- 1-10V
- FA53613801-310.A
- FA53613056-310.B
- Dali
- FA53613801-300.B
- FA53613056-300.B

**3000K**

- Non Dimmable
- FA53603801
- FA53603056
- 1-10V
- FA53603801-310
- FA53603056-310
- Dali
- FA53603801-300.A
- FA53603056-300.B

**4000K**

- Non Dimmable
- FA53603701.A
- FA53602956.A
- 1-10V
- FA53603701-310.A
- FA53602956-310.A
- Dali
- FA53603701-300.B
- FA53602956-300.B



@ 3000K

**Optic Medium 44°**

**CoB Led:** 28W - 2380 lm ≠ OUTPUT 2325 lm - 2700K/CRI 80 - 220÷240V / 28W - 2559 lm ≠ OUTPUT 2500 lm - 3000K/CRI 80 - 220÷240V / 28W - 2700 lm ≠ OUTPUT 2638 lm - 4000K/CRI 80 - 220÷240V

**2700K**

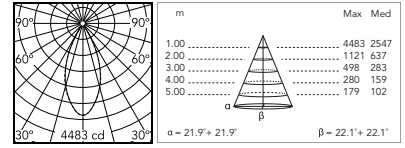
- Non Dimmable
- FA53614001.A
- FA53613256.A
- 1-10V
- FA53614001-310.A
- FA53613256-310.A
- Dali
- FA53614001-300.B
- FA53613256-300.B

**3000K**

- Non Dimmable
- FA53604001
- FA53603256
- 1-10V
- FA53604001-310
- FA53603256-310
- Dali
- FA53604001-300.A
- FA53603256-300.A

**4000K**

- Non Dimmable
- FA53603901.A
- FA53603156.A
- 1-10V
- FA53603901-310.A
- FA53603156-310.A
- Dali
- FA53603901-300.B
- FA53603156-300.B



@ 3000K

**Asymmetric Optic 12° - 29°**

**CoB Led:** 28W - 2380 lm ≠ OUTPUT 2199 lm - 2700K/CRI 80 - 220÷240V / 28W - 2559 lm ≠ OUTPUT 2364 lm - 3000K/CRI 80 - 220÷240V / 28W - 2700 lm ≠ OUTPUT 2494 lm - 4000K/CRI 80 - 220÷240V

**2700K**

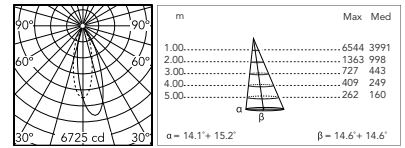
- Non Dimmable
- FA53614201.A
- FA53613456.A
- 1-10V
- FA53614201-310.A
- FA53613456-310.A
- Dali
- FA53614201-300.A
- FA53613456-300.B

**3000K**

- Non Dimmable
- FA53604201
- FA53603456
- 1-10V
- FA53604201-310
- FA53603456-310.A
- Dali
- FA53604201-300.A
- FA53603456-300.A

**4000K**

- Non Dimmable
- FA53604101.A
- FA53603356.A
- 1-10V
- FA53604101-310.A
- FA53603356-310.A
- Dali
- FA53604101-300.B
- FA53603356-300.A



@ 3000K

**Asymmetric Optic 12° - 37°**

**CoB Led:** 28W - 2380 lm ≠ OUTPUT 2105 lm - 2700K/CRI 80 - 220÷240V / 28W - 2559 lm ≠ OUTPUT 2263 lm - 3000K/CRI 80 - 220÷240V / 28W - 2700 lm ≠ OUTPUT 2387 lm - 4000K/CRI 80 - 220÷240V

**2700K**

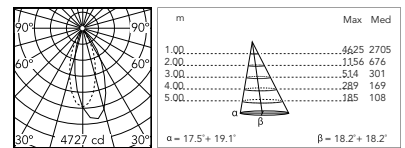
- Non Dimmable
- FA53614401.A
- FA53613656.A
- 1-10V
- FA53614401-310.B
- FA53613656-310.A
- Dali
- FA53614401-300.B
- FA53613656-300.B

**3000K**

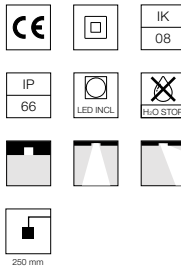
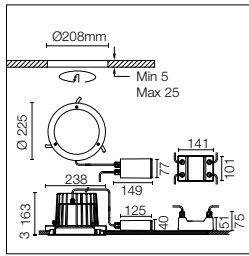
- Non Dimmable
- FA53604401
- FA53603656
- 1-10V
- FA53604401-310
- FA53603656-310
- Dali
- FA53604401-300.A
- FA53603656-300.B

**4000K**

- Non Dimmable
- FA53604301.A
- FA53603556.A
- 1-10V
- FA53604301-310.A
- FA53603556-310.A
- Dali
- FA53604301-300.B
- FA53603556-300.B



@ 3000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungskit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Medium 45°**

**CoB Led:** 40W - 3443 lm ≠ OUTPUT 3443 lm - 2700K/CRI 80 - 220÷240V / 40W - 3742 lm ≠ OUTPUT 3742 lm - 3000K/CRI 80 - 220÷240V / 40W - 3929 lm ≠ OUTPUT 3929 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53615601.A
- FA53614856.A
- 1-10V
- FA53615601-310.A
- FA53614856-310.A
- Dali
- FA53615601-300.A
- FA53614856-300.A

**3000K**

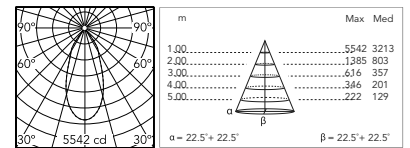
Non Dimmable

- FA53605601.A
- FA53604856.A
- 1-10V
- FA53605601-310.A
- FA53604856-310.A
- Dali
- FA53605601-300.A
- FA53604856-300.A

**4000K**

Non Dimmable

- FA53605501.A
- FA53604756.A
- 1-10V
- FA53605501-310.A
- FA53604756-310.A
- Dali
- FA53605501-300.A
- FA53604756-300.A



@ 3000K

**Asymmetric Optic 12° - 21°**

**CoB Led:** 40W - 3443 lm ≠ OUTPUT 3104 lm - 2700K/CRI 80 - 220÷240V / 40W - 3742 lm ≠ OUTPUT 3338 lm - 3000K/CRI 80 - 220÷240V / 40W - 3929 lm ≠ OUTPUT 3522 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53615801.A
- FA53615056.A
- 1-10V
- FA53615801-310.A
- FA53615056-310.A
- Dali
- FA53615801-300.A
- FA53615056-300.A

**3000K**

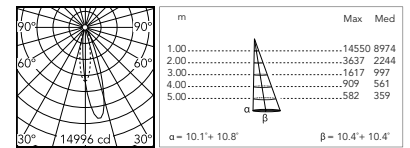
Non Dimmable

- FA53605801.A
- FA53605056.A
- 1-10V
- FA53605801-310.A
- FA53605056-310.A
- Dali
- FA53605801-300.A
- FA53605056-300.A

**4000K**

Non Dimmable

- FA53605701.A
- FA53604956.A
- 1-10V
- FA53605701-310.A
- FA53604956-310.A
- Dali
- FA53605701-300.A
- FA53604956-300.A



@ 3000K

**Asymmetric Optic 12° - 41°**

**CoB Led:** 40W - 3443 lm ≠ OUTPUT 3066 lm - 2700K/CRI 80 - 220÷240V / 40W - 3742 lm ≠ OUTPUT 3297 lm - 3000K/CRI 80 - 220÷240V / 40W - 3929 lm ≠ OUTPUT 3478 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53616001.A
- FA53615256.A
- 1-10V
- FA53616001-310.A
- FA53615256-310.A
- Dali
- FA53616001-300.A
- FA53615256-300.A

**3000K**

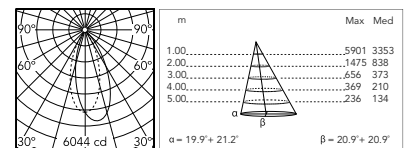
Non Dimmable

- FA53606001.A
- FA53605256.A
- 1-10V
- FA53606001-310.A
- FA53605256-310.A
- Dali
- FA53606001-300.A
- FA53605256-300.A

**4000K**

Non Dimmable

- FA53605901.A
- FA53605156.A
- 1-10V
- FA53605901-310.A
- FA53605156-310.A
- Dali
- FA53605901-300.A
- FA53605156-300.A



@ 3000K

## Leila: Zubehörteile / Accessories

Einbaudose aus Metall für Betondecken.	Metal installation box for concrete ceiling.	Leila 1 FA196		
Einbaudose aus Metall für Betondecken.	Metal installation box for concrete ceiling.	Leila 2 FA197		
Einbaudose aus Metall für Betondecken.	Metal installation box for concrete ceiling.	Leila 3 FA198		
Einbaudose aus Metall für Betondecken.	Metal installation box for concrete ceiling.	Leila 4 FA199		
Verbindungssystem, IP68, 2-Wege-H <sub>2</sub> O -Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C00A000		
Verbindungssystem, IP68, 3/4-Wege-H <sub>2</sub> O -Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H <sub>2</sub> O Stop. (ø5,5÷12mm cable).	F990C010000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		



**Kirk**





Kirk





## Familie / Family

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Kirk 1



**CoB Led**

up to 6W  
up to 270 lm - 3000K/CRI 80  
\* Net lumen output

Kirk 2



**CoB Led**

up to 12W  
up to 713 lm - 3000K/CRI 80  
\* Net lumen output

Kirk 3



**CoB Led**

up to 24W  
up to 1610 lm - 3000K/CRI 80  
\* Net lumen output

## Ausführungen / Colours

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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

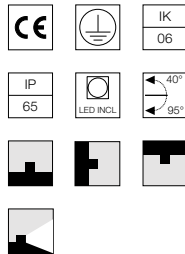
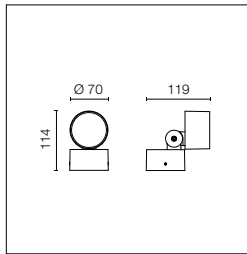
## Beschreibung / Description

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Familie von neigbaren Projektionsleuchten mit LED-Quelle, designed zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei Dimensionen. Gehäuse aus gedrehtem Aluminium, Legierung EN AW6060 und Edelstahlbügel AISI 316L. Extraklarer Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Kabeleinheit hat einen IP68-Anschluss und ist über ein verstellbares Gelenk mit der Sendeeinheit verbunden, so dass sie um ca. 130° auf der vertikalen Achse geneigt werden kann. Der Befestigungsbügel ermöglicht eine Neigung von 90° auf der horizontalen Achse, so dass der Lichtstrahl nach Ihren Bedürfnissen ausgerichtet werden kann.

Family of tiltable projection luminaires with LED source, designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three dimensions. Turned aluminum body, EN AW6060 alloy and AISI 316L stainless steel bracket. Extraclear glass diffuser with silkscreen edge, attached with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The cable unit has a IP68 connector, connected to the emission unit by means of an adjustable joint so it can be tilted approx. 130° on the vertical axis. The fixing bracket allows for a tilting of 90° on the horizontal axis, so the light beam can be directed according to your needs.

## Kirk 1



Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm <math>\varnothing</math> <math>< 8</math> mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

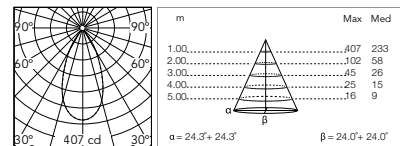
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm <math>\varnothing</math> <math>< 8</math>mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Ground spike to be ordered separately.

### Optic Medium 50°

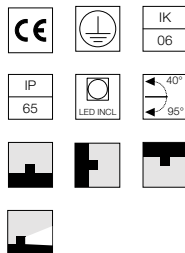
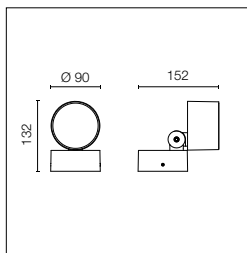
**CoB Led:** 6W - 387 lm  $\neq$  OUTPUT 270 lm - 3000K/CRI 80 - 220-230V

#### 3000K

- FA54000101.A
- FA54000106.A
- FA54000112.A
- FA54000118.A
- FA54000130.A
- FA54000133.A



## Kirk 2



Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm <math>\varnothing</math> <math>< 8</math> mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

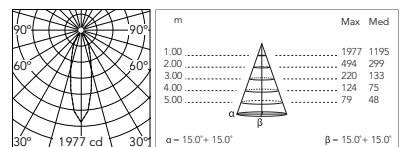
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm <math>\varnothing</math> <math>< 8</math>mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Ground spike to be ordered separately.

### Optic Medium 30°

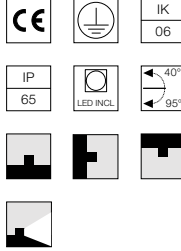
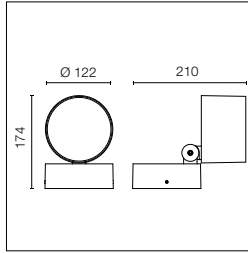
**CoB Led:** 12W - 951 lm  $\neq$  OUTPUT 713 lm - 3000K/CRI 80 - 220-230V

#### 3000K

- FA54000201.A
- FA54000206.A
- FA54000212.A
- FA54000218.A
- FA54000230.A
- FA54000233.A



### Kirk 3



Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm <math>\phi</math> <math>< 8</math> mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

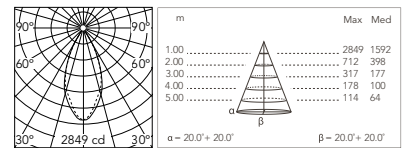
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm <math>\phi</math> <math>< 8</math>mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Ground spike to be ordered separately.

### Optic Medium 40°

**CoB Led:** 24W - 2303 lm  $\neq$  OUTPUT 1610 lm - 3000K/CRI 80 - 220-230V

#### 3000K

- FA54000301
- FA54000306
- FA54000312
- FA54000318
- FA54000330
- FA54000333



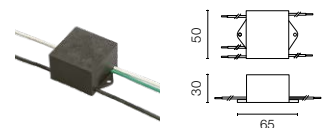
### Kirk: Zubehörteile / Accessories

Erdspieß.	Ground spike.	Kirk 1 FA264	
Erdspieß.	Ground spike.	Kirk 2 FA266	
Erdspieß.	Ground spike.	Kirk 3 FA268	

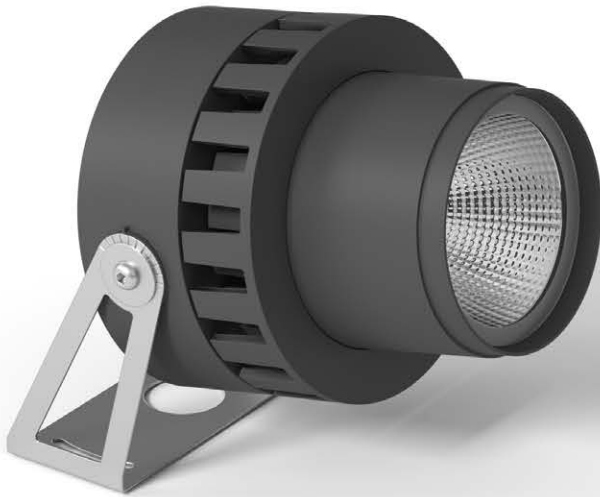
Überspannungsschutzgerät.  
275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



**Spock**





Spock





## Familie / Family

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Spock 1



**CoB Led**  
up to 11W  
up to 725 lm - 2700K/CRI 80  
up to 780 lm - 3000K/CRI 80  
up to 811 lm - 4000K/CRI 80  
\* Net lumen output

Spock 2



**CoB Led**  
up to 27W  
up to 2153 lm - 2700K/CRI 80  
up to 2315 lm - 3000K/CRI 80  
up to 2128 lm - 4000K/CRI 80  
\* Net lumen output

Spock 3



**CoB Led**  
up to 43W  
up to 4059 lm - 2700K/CRI 80  
up to 4385 lm - 3000K/CRI 80  
up to 4477 lm - 4000K/CRI 80  
\* Net lumen output

Tunable White

**CoB Led**  
up to 38W  
up to 2200 lm - 2700K/CRI 80  
\* Net lumen output

## Ausführungen / Colours

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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



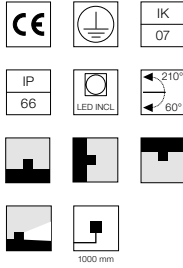
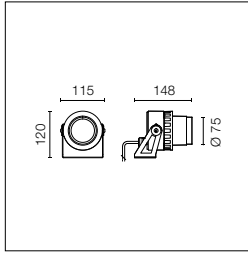
33 Anthracite

## Beschreibung / Description

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Familie von neigbaren Projektionsleuchten mit LED-Quelle, designed zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei Dimensionen und zwei Abstrahlwinkeln per Dimension. Gehäuse und Kühlkörper aus gedrehtem Aluminium, Legierung EN AW 6060. Diffusor aus extraklarem Glas für die Standardversion und aus Bernstein Glas für die Version Tunable White, mit Siebdruckkante mit einem Roboterklebesystem befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 180° auf der vertikalen Achse zu gewährleisten. Der Befestigungsbügel ermöglicht eine Neigung von 30° auf der horizontalen Achse, so dass der Lichtstrahl nach Ihren Bedürfnissen ausgerichtet werden kann. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die Serie wird durch optionale optische Visiere zur Abstufung des emittierten Lichtstrahls ergänzt.

Family of tiltable projection luminaires with LED source, designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three dimensions and two beam angles per dimension. Body and heat sink made of turned aluminum, alloy EN AW 6060. Diffuser in extraclear glass for the standard version and in amber glass for the Tunable White version, with silkscreen edge and fixed with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 180° in the vertical axis. The fixing bracket allows also for a tilting of 30° on the horizontal axis, so the light beam can be directed according to your needs. With a neoprene cable section to ease the connection. The series is completed with optional optical visors to graduate the emitted light beam.



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam. Dimmable version available upon request.

**Optic Spot 20°**

**CoB Led:** 11W - 1005 lm ≠ OUTPUT 725 lm - 2700K/CRI 80 - 220-240V / 11W - 1081 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 - 220-240V / 11W - 1124 lm ≠ OUTPUT 811 lm - 4000K/CRI 80 - 220-240V

**2700K**

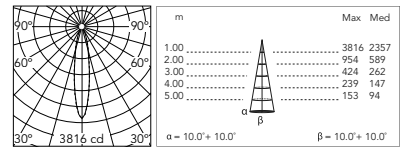
- FA54102301
- FA54102306
- FA54102312
- FA54102318
- FA54102330
- FA54102333

**3000K**

- FA54100301
- FA54100306
- FA54100312
- FA54100318
- FA54100330
- FA54100333

**4000K**

- FA54100201
- FA54100206
- FA54100212
- FA54100218
- FA54100230
- FA54100233



@ 4000K

**Optic Medium 50°**

**CoB Led:** 11W - 1005 lm ≠ OUTPUT 697 lm - 2700K/CRI 80 - 220-240V / 11W - 1081 lm ≠ OUTPUT 749 lm - 3000K/CRI 80 - 220-240V / 11W - 1124 lm ≠ OUTPUT 778 lm - 4000K/CRI 80 - 220-240V

**2700K**

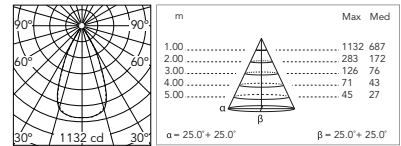
- FA54102601
- FA54102606
- FA54102612
- FA54102618
- FA54102630
- FA54102633

**3000K**

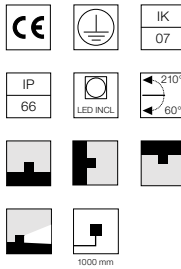
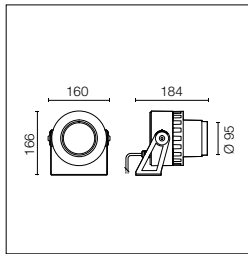
- FA54100601
- FA54100606
- FA54100612
- FA54100618
- FA54100630
- FA54100633

**4000K**

- FA54100501
- FA54100506
- FA54100512
- FA54100518
- FA54100530
- FA54100533



@ 4000K



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam. Dimmable version available upon request.

**Optic Spot 20°**

**CoB Led:** 27W - 3022 lm ≠ OUTPUT 2141 lm - 2700K/CRI 80 - 220-240V / 27W - 3249 lm ≠ OUTPUT 2302 lm - 3000K/CRI 80 - 220-240V / 27W - 3408 lm ≠ OUTPUT 2415 lm - 4000K/CRI 80 - 220-240V

**2700K**

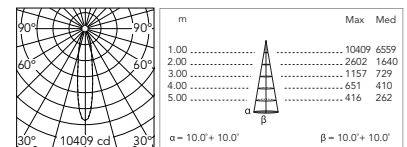
- FA54102801.A
- FA54102806.A
- FA54102812.A
- FA54102818.A
- FA54102830.A
- FA54102833.A

**3000K**

- FA54100801.A
- FA54100806.A
- FA54100812.A
- FA54100818.A
- FA54100830.A
- FA54100833.A

**4000K**

- FA54100701.A
- FA54100706.A
- FA54100712.A
- FA54100718.A
- FA54100730.A
- FA54100733.A



@ 4000K

**Optic Medium 40°**

**CoB Led:** 27W - 3022 lm ≠ OUTPUT 2153 lm - 2700K/CRI 80 - 220-240V / 27W - 3249 lm ≠ OUTPUT 2315 lm - 3000K/CRI 80 - 220-240V / 27W - 3408 lm ≠ OUTPUT 2428 lm - 4000K/CRI 80 - 220-240V

**2700K**

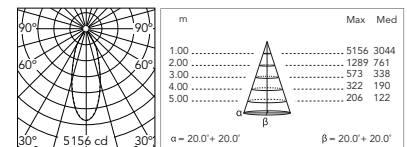
- FA54103001.A
- FA54103006.A
- FA54103012.A
- FA54103018.A
- FA54103030.A
- FA54103033.A

**3000K**

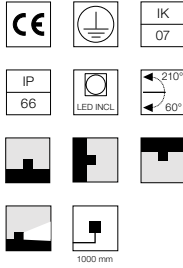
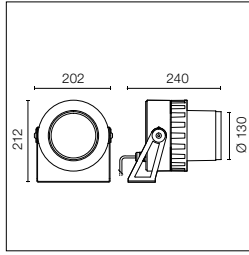
- FA54101001.A
- FA54101006.A
- FA54101012.A
- FA54101018.A
- FA54101030.A
- FA54101033.A

**4000K**

- FA54100901.A
- FA54100906.A
- FA54100912.A
- FA54100918.A
- FA54100930.A
- FA54100933.A



@ 4000K



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam. Dimmable version available upon request.

**Optic Spot 20°**

**CoB Led:** 43W - 5408 lm ≠ OUTPUT 4059 lm - 2700K/CRI 80 - 220-240V / 43W - 5815 lm ≠ OUTPUT 4365 lm - 3000K/CRI 80 - 220-240V / 43W - 5963 lm ≠ OUTPUT 4477 lm - 4000K/CRI 80 - 220-240V

**2700K**

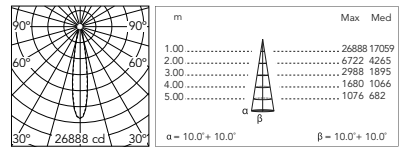
- FA54103201.A
- FA54103206.A
- FA54103212.A
- FA54103218.A
- FA54103230.A
- FA54103233.A

**3000K**

- FA54101201.A
- FA54101206.A
- FA54101212.A
- FA54101218.A
- FA54101230.A
- FA54101233.A

**4000K**

- FA54101101.A
- FA54101106.A
- FA54101112.A
- FA54101118.A
- FA54101130.A
- FA54101133.A



@ 4000K

**Optic Medium 45°**

**CoB Led:** 43W - 5408 lm ≠ OUTPUT 3981 lm - 2700K/CRI 80 - 220-240V / 43W - 5815 lm ≠ OUTPUT 4281 lm - 3000K/CRI 80 - 220-240V / 43W - 5963 lm ≠ OUTPUT 4390 lm - 4000K/CRI 80 - 220-240V

**2700K**

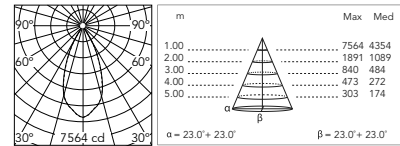
- FA54103401.A
- FA54103406.A
- FA54103412.A
- FA54103418.A
- FA54103430.A
- FA54103433.A

**3000K**

- FA54101401.A
- FA54101406.A
- FA54101412.A
- FA54101418.A
- FA54101430.A
- FA54101433.A

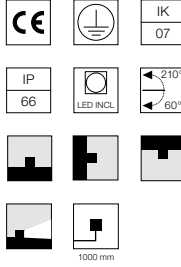
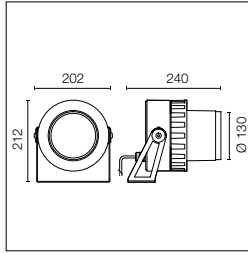
**4000K**

- FA54101301.A
- FA54101306.A
- FA54101312.A
- FA54101318.A
- FA54101330.A
- FA54101333.A



@ 4000K

## Spock 3 Tunable White



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED Tunable White source included. Integrated electrical power supply 120-240V DALI. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam. Dimmable version available upon request.

### Optic Spot 20°

**CoB Led Tunable White:** 38W - 2840 lm ≠ OUTPUT 2200 lm - 2700K ÷ 5700K/CRI>80 - 220-240V

#### 2700K

- FA54110001
- FA54110006
- FA54110012
- FA54110018
- FA54110030
- FA54110033


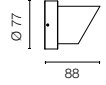

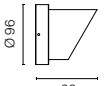















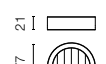




### Optic Medium 40°

**CoB Led Tunable White:** 38W - 2840 lm ≠ OUTPUT 2250 lm - 2700K ÷ 5700K/CRI>80 - 220-240V

#### 2700K

- FA54110201
- FA54110206
- FA54110212
- FA54110218
- FA54110230
- FA54110233

## Spock: Zubehörteile / Accessories

Visier Ø130	Visor Ø130	FA20530		
Visier Ø130	Visor Ø130	FA20630		
Visier Ø130	Visor Ø130	FA20730		
Flood-Diffusor Ø75	Flood diffuser Ø75	FA20830		
Flood-Diffusor Ø95	Flood diffuser Ø95	FA20930		
Flood-Diffusor Ø130	Flood diffuser Ø130	FA21030		
Blendschutzraster Ø75	Anti-glare louvre Ø75	FA21130		
Blendschutzraster Ø95	Anti-glare louvre Ø95	FA21230		
Blendschutzraster Ø130	Anti-glare louvre Ø130	FA21330		
Elliptische Linse Ø75	Elliptical lens Ø75	FA26130		
Elliptische Linse Ø95	Elliptical lens Ø95	FA26230		
Elliptische Linse Ø130	Elliptical lens Ø130	FA26330		



## Spock: Zubehörteile / Accessories

Kit mit 2 Erdspeiben.

Kit of 2 ground spikes.

FA203



Verbindungssystem,  
IP68, 3/4-Wege-H2O-  
Antikondensat, 4-polig,  
(ø5,5÷12mm Kabel).

3/4 way terminal block  
4 poles IP68 H2O Stop.  
(ø5,5÷12mm cable).

F990C010000



Verbindungssystem, IP68,  
2-Wege-H2O-Antikondensat,  
4-polig, (ø5,5÷12mm Kabel).

2 way terminal block 4 poles  
IP68 H2O Stop. (ø5,5÷12mm  
cable).

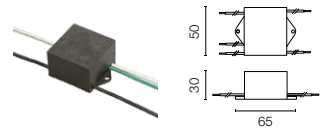
F990C00A000



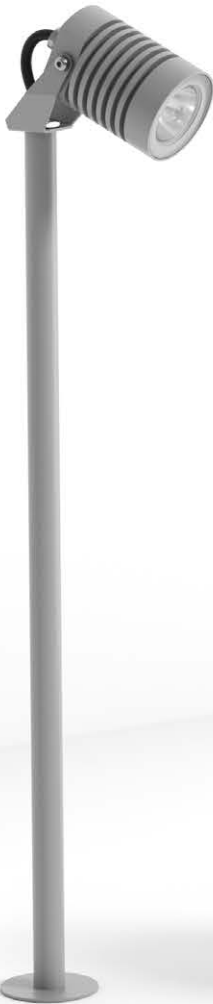
Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20µs). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20µs).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000



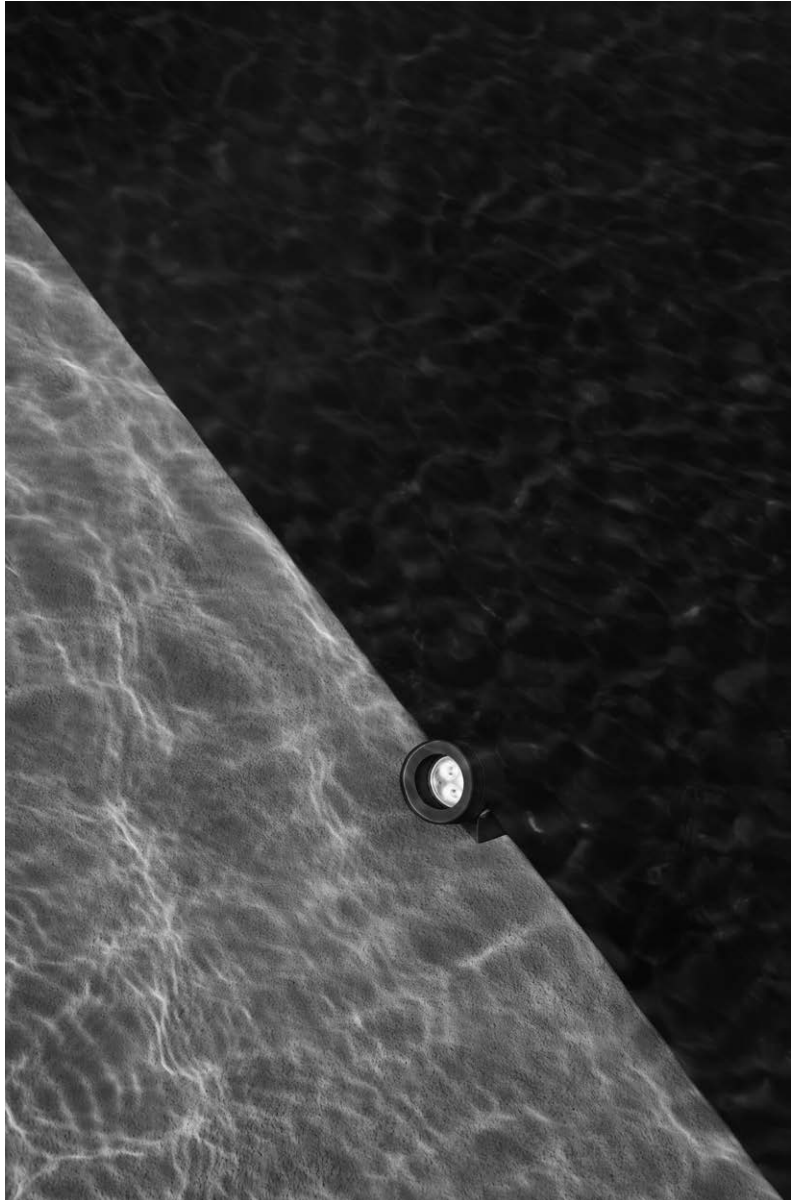
**Aimer**





Aimer 2 Pole

Aimer 1 Aqua





Aimer 1



**Power Led**

up to 1,1W@350mA / 1,6W@500mA  
up to 98@350mA lm / 111@500mA lm - 2700K/CRI 80  
up to 106@350mA lm / 121@500mA lm - 3000K/CRI 80  
up to 110@350mA lm / 125@500mA lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 1 RGB



**Power Led**

up to 3,4W  
up to 3CH x 350mA

\* Net lumen output

---

Aimer 2

Aimer 2 Bollard

Aimer 2 Wall



**Power Led**

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

**Power Led**

up to 4,5W  
up to 246 lm - 2700K/CRI 80  
up to 267 lm - 3000K/CRI 80  
up to 277 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.



**Power Led**

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.



**Power Led**

up to 3,4W  
up to 138 lm - 2700K/CRI 80  
up to 149 lm - 3000K/CRI 80  
up to 155 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 3



**Power Led**

up to 4,5W  
up to 359 lm - 2700K/CRI 80  
up to 395 lm - 3000K/CRI 80  
up to 410 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

**Power Led**

up to 3,3W@350mA / 5,1W@500mA  
up to 364@350mA lm / 364@500mA lm - 2700K/CRI 80  
up to 297@350mA lm / 395@500mA lm - 3000K/CRI 80  
up to 308@350mA lm / 410@500mA lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 3 RGB



**Power Led**

up to 3,4W  
up to 3CH x 350mA

\* Net lumen output

---

Aimer 4



**Power Led**

up to 10W  
up to 498 lm - 2700K/CRI 80  
up to 535 lm - 3000K/CRI 80  
up to 570 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 5



**Power Led**

up to 14W  
up to 747 lm - 2700K/CRI 80  
up to 803 lm - 3000K/CRI 80  
up to 855 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 5 RGB



**Power Led**

up to 13,6W  
up to 3CH x 350mA

\* Net lumen output

## Familie / Family

---

Aimer 1 Aqua



**Power Led**

up to 1,1W  
up to 395 lm - 3000K/CRI 80  
up to 410 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 1 Aqua RGB



**Power Led**

up to 3,4W  
up to 3CH x 350mA

\* Net lumen output

---

Aimer 3 Aqua



**Power Led**

up to 4,5W  
up to 267 lm - 3000K/CRI 80  
up to 278 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 3 Aqua RGB



**Power Led**

up to 3,4W  
up to 3CH x 350mA

\* Net lumen output

---

Aimer 4 Aqua



**Power Led**

up to 8W  
up to 409 lm - 3000K/CRI 80  
up to 435 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 5 Aqua



**Power Led**

up to 11W  
up to 680 lm - 3000K/CRI 80  
up to 723 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Aimer 5 Aqua RGB



**Power Led**

up to 13,6W  
up to 3CH x 350mA

\* Net lumen output



## Beschreibung / Description

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wand-, Decken- und Bodenmontage. Sie zeichnen sich durch ihre kompakte zylindrische Form aus. Erhältlich in verschiedenen Dimensionen mit verschiedenen Abstrahlwinkeln. Ergänzt durch die RGB-Versionen, um farbige Lichtszenarien zu kreieren. In verschiedenen Ausführungen erhältlich, mit doppel-schichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

### Aimer

Licht-Projektoren mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Gedrehtes (EN AW 6060) und eloxiertes Aluminiumgehäuse. Transparenter oder matter Glas-Diffusor mit Siebdruckkante, am Rand mit einem Roboter-klebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel AISI 316L. Vervollständigt mit einem überstehenden Kabel, um den Anschluss zu erleichtern. Erhältlich in der 24 V Gleichstrom-Version (Parallelschaltung) oder 350/500 mA (Serienschaltung). Eine Fernstromversorgung ist nötig und muss separat bestellt werden. Die Serie wird durch optionale optische Visiere ergänzt, um die direkte Blendung zu reduzieren.

### Aqua Aimer

Licht-Projektoren mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Gedrehtes (EN AW 6060) und eloxiertes Aluminiumgehäuse. Transparenter oder matter Glas-Diffusor mit Siebdruckkante, am Rand mit einem Roboter-klebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel AISI 316L. Vervollständigt mit einem überstehenden Kabel, um den Anschluss zu erleichtern. Erhältlich in der 24 V Gleichstrom-Version (Parallelschaltung) oder 350/500 mA (Serienschaltung). Eine Fernstromversorgung ist nötig und muss separat bestellt werden. Die Serie wird durch optionale optische Visiere ergänzt, um die direkte Blendung zu reduzieren.

Complete family of tiltable projection luminaires with LED source for wall, ceiling, and ground mounting. Defined by their compact cylinder shape. Available in different dimensions with different beam angles. Completed with the RGB versions to create sceneries with colored light. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

### Aimer

Light projectors designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three different diameters and different beam angles. Turned (EN AW 6060) and anodized aluminum body. Transparent or frosted glass diffuser with silkscreen edge, attached flush to the edge with a robotic gluing system to avoid water deposits. AISI 316L Stainless steel bracket included. With a protruding cable section to ease the connection. Available in 24V dc version (parallel connection) or 350/500 mA version (serial connection). A remote power supply is needed and must be ordered separately. The series is completed with optional optical visors to reduce direct dazzling.

### Aqua Aimer

Light projectors designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Suitable for submersion to a depth of 1 meter (IP68 protection degree). Available in three different diameters and different beam angles. AISI 316L stainless steel body. Transparent or frosted glass diffuser with silkscreen edge, attached flush to the edge of the lamp with a robotic gluing system to avoid water deposits. AISI 316L Stainless steel bracket included. With a protruding cable section to ease the connection. Available in 24V version.

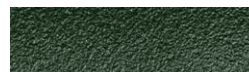
## Ausführungen / Colours



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

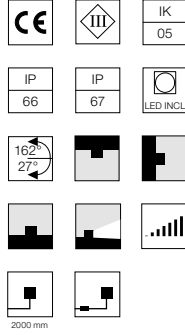
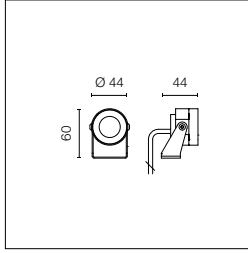


57 Polished Stainless Steel\*



70 Anodized Aluminium

\* Nur für die Version Aimer Aqua. / Only for Aimer Aqua version.



Inklusive LED-Quelle. Fernstromversorgung 350-240V ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas.

LED source included. Remote power supply 350/500 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 1,1W@350mA - 110@350mA lm ≠ OUTPUT 98@350mA lm - 1,6W@500mA 144@500mA lm ≠ OUTPUT 111@500mA lm - 2700K/CRI 80  
 1,1W@350mA - 120@350mA lm ≠ OUTPUT 106@350mA lm - 1,6W@500mA 155@500mA lm ≠ OUTPUT 121@500mA lm - 3000K/CRI 80  
 1,1W@350mA - 124@350mA lm ≠ OUTPUT 110@350mA lm - 1,6W@500mA 161@500mA lm ≠ OUTPUT 125@500mA lm - 4000K/CRI 80

**2700K**

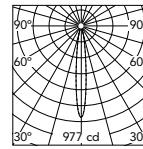
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- FA1051442206.A
- FA1051442212.A
- FA1051442218.A
- FA1051442230.A
- FA1051442233.A
- FA1051442270.A

**3000K**

- FA1051441201.A
- FA1051441206.A
- FA1051441212.A
- FA1051441218.A
- FA1051441230.A
- FA1051441233.A
- FA1051441270.A

**4000K**

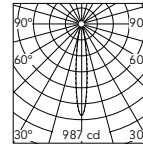
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- FA1051711206.A
- FA1051711212.A
- FA1051711218.A
- FA1051711230.A
- FA1051711233.A
- FA1051711270.A



m	350 mA	Max	Med
1,00	.....	977	623
2,00	.....	244	153
3,00	.....	109	69
4,00	.....	61	39
5,00	.....	39	25

α=6.4°+ 6.4°      β=6.3°+ 6.3°

@ 3000K



m	500 mA	Max	Med
1,00	.....	987	629
2,00	.....	247	157
3,00	.....	110	70
4,00	.....	62	39
5,00	.....	39	25

α=6.9°+ 6.9°      β=7.3°+ 7.3°

@ 3000K

**Optic Medium 30°**

**Power Led:** 1,1W@350mA - 110@350mA lm ≠ OUTPUT 91@350mA lm - 1,6W@500mA 144@500mA lm ≠ OUTPUT 102@500mA lm - 2700K/CRI 80  
 1,1W@350mA - 120@350mA lm ≠ OUTPUT 99@350mA lm - 1,6W@500mA 155@500mA lm ≠ OUTPUT 110@500mA lm - 3000K/CRI 80  
 1,1W@350mA - 124@350mA lm ≠ OUTPUT 103@350mA lm - 1,6W@500mA 161@500mA lm ≠ OUTPUT 114@500mA lm - 4000K/CRI 80

**2700K**

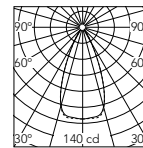
- FA1051442001.A
- FA1051442006.A
- FA1051442012.A
- FA1051442018.A
- FA1051442030.A
- FA1051442033.A
- FA1051442070.A

**3000K**

- FA1051440001.A
- FA1051440006.A
- FA1051440012.A
- FA1051440018.A
- FA1051440030.A
- FA1051440033.A
- FA1051440070.A

**4000K**

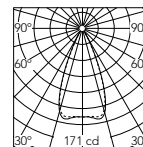
- FA1051710001.A
- FA1051710006.A
- FA1051710012.A
- FA1051710018.A
- FA1051710030.A
- FA1051710033.A
- FA1051710070.A



m	350 mA	Max	Med
1,00	.....	140	87
2,00	.....	35	22
3,00	.....	16	10
4,00	.....	9	5
5,00	.....	6	3

α=23.3°+ 23.3°      β=23.4°+ 23.4°

@ 3000K



m	500 mA	Max	Med
1,00	.....	171	111
2,00	.....	43	28
3,00	.....	19	12
4,00	.....	11	7
5,00	.....	7	4

α=23.1°+ 23.1°      β=22.7°+ 22.7°

@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

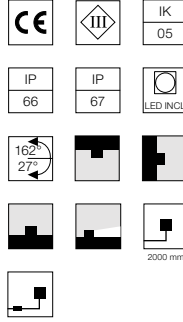
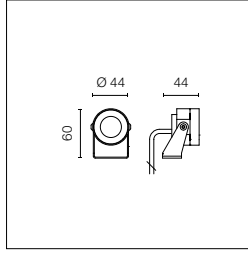
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	6
Acc. RF25748	6
Acc. FA68	10

Acc. FA129	**16
Acc. FA184	**16
Acc. FA135	**12
Acc. FA218	**12
Acc. FA238.A	**9
Acc. FA239.A	**9

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Sandgestrahtes glas mit siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Sandblasted screen-printed glass The metal nail for ground installation needs to be ordered separately.

**Kabeldiagramm und RGB-System-Installation.**

**Wiring diagram and installation scheme RGB.**

Maximal 10 Aimer RGB-LED-Leuchten für jeden F990B22A000 Code.

Max 10 luminaires Aimer 1 RGB for each code F990B22A000.

Siehe Kabeldiagramm Nr.5 Seite 832.

See Wiring Diagram n.5 Page 832.

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA1051730001.A
- FA1051730006.A
- FA1051730012.A
- FA1051730018.A
- FA1051730030.A
- FA1051730033.A
- FA1051730070.A

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

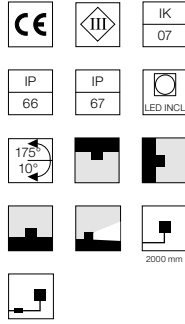
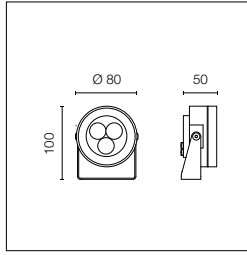
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

# Aimer 3 Constant Voltage



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

### 2700K

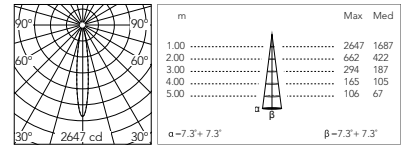
- FA105562201
- FA105562206
- FA105562212
- FA105562218
- FA105562230
- FA105562233
- FA105562270

### 3000K

- FA105561201
- FA105561206
- FA105561212
- FA105561218
- FA105561230
- FA105561233
- FA105561270

### 4000K

- FA1051721201
- FA1051721206
- FA1051721212
- FA1051721218
- FA1051721230
- FA1051721233
- FA1051721270



@ 3000K

## Optic Medium 30°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

### 2700K

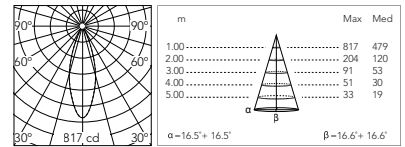
- FA105562101
- FA105562106
- FA105562112
- FA105562118
- FA105562130
- FA105562133
- FA105562170

### 3000K

- FA105561101
- FA105561106
- FA105561112
- FA105561118
- FA105561130
- FA105561133
- FA105561170

### 4000K

- FA1051721101
- FA1051721106
- FA1051721112
- FA1051721118
- FA1051721130
- FA1051721133
- FA1051721170



@ 3000K

## Optic Flood 50°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

### 2700K

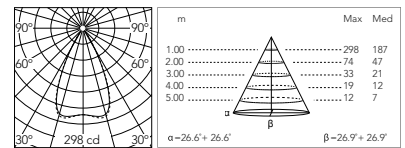
- FA105562001
- FA105562006
- FA105562012
- FA105562018
- FA105562030
- FA105562033
- FA105562070

### 3000K

- FA105560001
- FA105560006
- FA105560012
- FA105560018
- FA105560030
- FA105560033
- FA105560070

### 4000K

- FA1051720001
- FA1051720006
- FA1051720012
- FA1051720018
- FA1051720030
- FA1051720033
- FA1051720070



@ 3000K

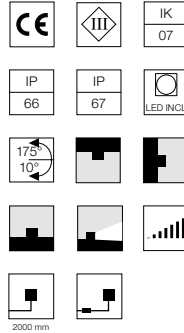
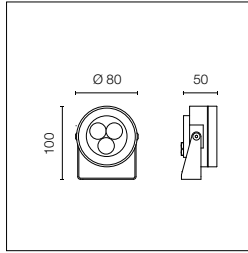
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220±240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25752	3
Acc. RF25748	1	Acc. F990B28A000	7
Acc. RF25747	2	Acc. F990B27A000	14
Acc. RF25757	2		

# Aimer 3 Constant Current



Inklusive LED-Quelle.  
Fernstromversorgung 350-240V ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote power supply 350/500 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimp connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic Spot 10°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 270@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 359@500mA lm - 2700K/CRI 80  
3,3W@350mA - 359@350mA lm ≠ OUTPUT 293@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 389@500mA lm - 3000K/CRI 80  
3,3W@350mA - 373@350mA lm ≠ OUTPUT 304@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 404@500mA lm - 4000K/CRI 80

### 2700K

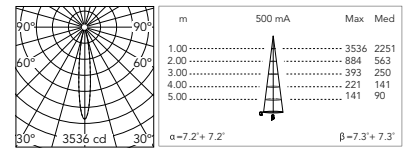
- FA1051072201
- FA1051072206
- FA1051072212
- FA1051072218
- FA1051072230
- FA1051072233
- FA1051072270

### 3000K

- FA1051071201
- FA1051071206
- FA1051071212
- FA1051071218
- FA1051071230
- FA1051071233
- FA1051071270

### 4000K

- FA1051901201
- FA1051901206
- FA1051901212
- FA1051901218
- FA1051901230
- FA1051901233
- FA1051901270



@ 3000K

## Optic Medium 30°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 274@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 364@500mA lm - 2700K/CRI 80  
3,3W@350mA - 359@350mA lm ≠ OUTPUT 297@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 395@500mA lm - 3000K/CRI 80  
3,3W@350mA - 373@350mA lm ≠ OUTPUT 308@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 410@500mA lm - 4000K/CRI 80

### 2700K

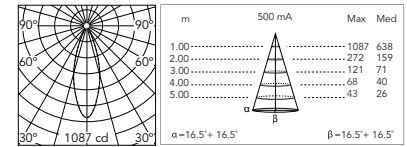
- FA1051072101
- FA1051072106
- FA1051072112
- FA1051072118
- FA1051072130
- FA1051072133
- FA1051072170

### 3000K

- FA1051071101
- FA1051071106
- FA1051071112
- FA1051071118
- FA1051071130
- FA1051071133
- FA1051071170

### 4000K

- FA1051901101
- FA1051901106
- FA1051901112
- FA1051901118
- FA1051901130
- FA1051901133
- FA1051901170



@ 3000K

## Optic Flood 50°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 247@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 329@500mA lm - 2700K/CRI 80  
3,3W@350mA - 359@350mA lm ≠ OUTPUT 267@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 357@500mA lm - 3000K/CRI 80  
3,3W@350mA - 373@350mA lm ≠ OUTPUT 278@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 371@500mA lm - 4000K/CRI 80

### 2700K

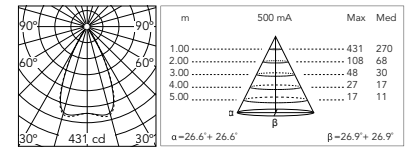
- FA1051072001
- FA1051072006
- FA1051072012
- FA1051072018
- FA1051072030
- FA1051072033
- FA1051072070

### 3000K

- FA1051070001
- FA1051070006
- FA1051070012
- FA1051070018
- FA1051070030
- FA1051070033
- FA1051070070

### 4000K

- FA1051900001
- FA1051900006
- FA1051900012
- FA1051900018
- FA1051900030
- FA1051900033
- FA1051900070



@ 3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

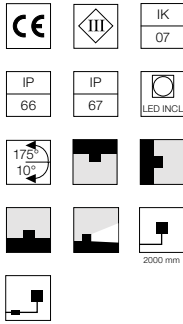
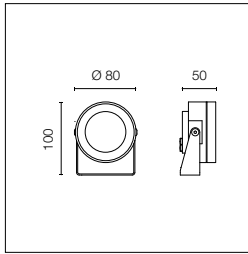
Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	2
Acc. RF25748	2
Acc. FA68	3
Acc. FA129	**5
Acc. FA184	**5

Acc. FA135	**2
Acc. FA218	**2
Acc. FA238.A	**3
Acc. FA239.A	**3

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparentes Glas mit Siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Transparent screen-printed glass. The metal nail for ground installation needs to be ordered separately.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer 3 RGB-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 832.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 3 RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

**Optic Spot 10°**

**Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA1051741201
- FA1051741206
- FA1051741212
- FA1051741218
- FA1051741230
- FA1051741233
- FA1051741270

**Optic Medium 35°**

**Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA1051740001
- FA1051740006
- FA1051740012
- FA1051740018
- FA1051740030
- FA1051740033
- FA1051740070

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

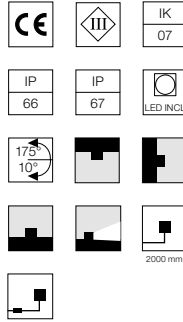
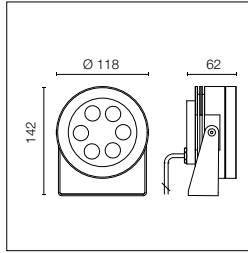
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 4 Constant Voltage



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Spot 8°

**Power Led:** 10W - 776 lm ≠ OUTPUT 498 lm - 2700K/CRI 80 - 24Vdc / 10W - 834 lm ≠ OUTPUT 535 lm - 3000K/CRI 80 - 24Vdc / 10W - 889 lm ≠ OUTPUT 570 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

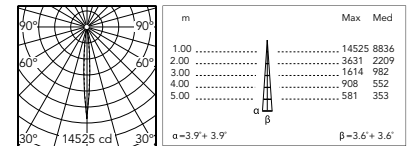
- FA1052552201
- FA1052552206
- FA1052552212
- FA1052552218
- FA1052552230
- FA1052552233
- FA1052552270

#### 3000K

- FA1052551201
- FA1052551206
- FA1052551212
- FA1052551218
- FA1052551230
- FA1052551233
- FA1052551270

#### 4000K

- FA1052541201
- FA1052541206
- FA1052541212
- FA1052541218
- FA1052541230
- FA1052541233
- FA1052541270



@ 4000K

### Optic Medium 26°

**Power Led:** 10W - 776 lm ≠ OUTPUT 486 lm - 2700K/CRI 80 - 24Vdc / 10W - 834 lm ≠ OUTPUT 523 lm - 3000K/CRI 80 - 24Vdc / 10W - 889 lm ≠ OUTPUT 558 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

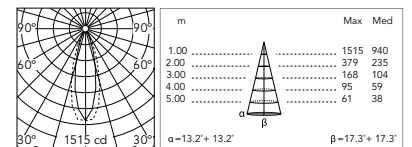
- FA1052552001
- FA1052552006
- FA1052552012
- FA1052552018
- FA1052552030
- FA1052552033
- FA1052552070

#### 3000K

- FA1052550001
- FA1052550006
- FA1052550012
- FA1052550018
- FA1052550030
- FA1052550033
- FA1052550070

#### 4000K

- FA1052540001
- FA1052540006
- FA1052540012
- FA1052540018
- FA1052540030
- FA1052540033
- FA1052540070



@ 4000K

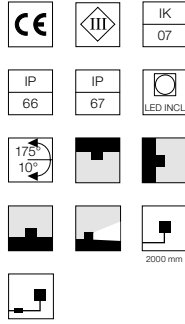
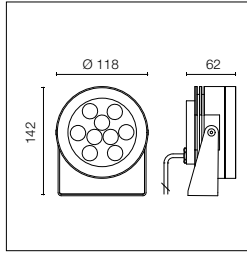
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25752 1  
Acc. F990B28A000 2  
Acc. F990B27A000 5

## Aimer 5 Constant Voltage



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Spot 8°

**Power Led:** 14W - 1164 lm ≠ OUTPUT 747 lm - 2700K/CRI 80 - 24Vdc / 14W - 1252 lm ≠ OUTPUT 803 lm - 3000K/CRI 80 - 24Vdc / 14W - 1333 lm ≠ OUTPUT 855 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

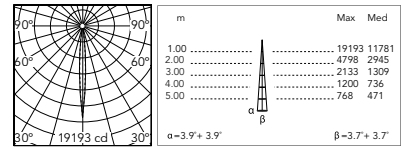
- FA1052522201
- FA1052522206
- FA1052522212
- FA1052522218
- FA1052522230
- FA1052522233
- FA1052522270

#### 3000K

- FA1052521201
- FA1052521206
- FA1052521212
- FA1052521218
- FA1052521230
- FA1052521233
- FA1052521270

#### 4000K

- FA1052511201
- FA1052511206
- FA1052511212
- FA1052511218
- FA1052511230
- FA1052511233
- FA1052511270



@ 3000K

### Optic Medium 28°

**Power Led:** 14W - 1164 lm ≠ OUTPUT 730 lm - 2700K/CRI 80 - 24Vdc / 14W - 1252 lm ≠ OUTPUT 785 lm - 3000K/CRI 80 - 24Vdc / 14W - 1333 lm ≠ OUTPUT 836 lm - 4000K/CRI 80 - 24Vdc

#### 2700K

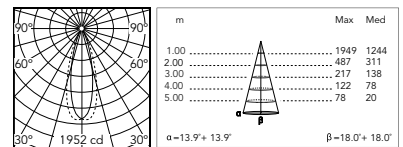
- FA1052522001
- FA1052522006
- FA1052522012
- FA1052522018
- FA1052522030
- FA1052522033
- FA1052522070

#### 3000K

- FA1052520001
- FA1052520006
- FA1052520012
- FA1052520018
- FA1052520030
- FA1052520033
- FA1052520070

#### 4000K

- FA1052510001
- FA1052510006
- FA1052510012
- FA1052510018
- FA1052510030
- FA1052510033
- FA1052510070



@ 3000K

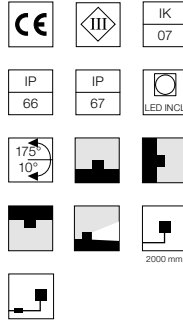
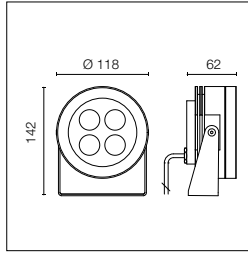
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc.F990B28A000 1  
Acc. F990B27A000 3





Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparentes Glas mit Siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Transparent screen-printed glass. The metal nail for ground installation needs to be ordered separately.

**Optic Spot 10°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

- FA1052561201
- FA1052561206
- FA1052561212
- FA1052561218
- FA1052561230
- FA1052561233
- FA1052561270

**Kabeldiagramm und RGB-System-Installation.**

Maximal 2 Aimer 5 RGB-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 832.

**Wiring diagram and installation scheme RGB.**

Max 2 luminaires Aimer 5 RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

**Optic Medium 35°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

- FA1052560001
- FA1052560006
- FA1052560012
- FA1052560018
- FA1052560030
- FA1052560033
- FA1052560070

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000


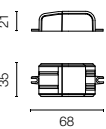


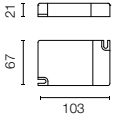


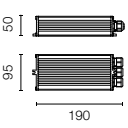


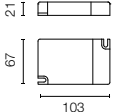
\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer: Zubehöerteile / Accessories

Visier Aimer 1.	Visor Aimer 1.	Aimer 1 FA5230		
Visier Aimer 3.	Visor Aimer 3.	Aimer 3 FA5130		
Erdspieß.	Ground spike.	Aimer 1 / 3 / 4 / 5 FA136		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	Aimer 3 / 4 / 5 F990C010000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	Aimer 3 / 4 / 5 F990C00A000		

## Aimer: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	Aimer 1 / 3 *RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	Aimer 1 / 3 *RF25748		
Netzgerät 10 x 1W/ 100÷265V - Iout 350mA (7x1W/110V) IP40 Klasse II selv. Eq.	Power supply 10 x 1W/ 100÷265V - Iout 350mA (7x1W/110V) IP40 Class II Selv Eq.	Aimer 1 / 3 *FA68		
Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP20 Klasse II selv. Eq.	Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP20 Class II Selv Eq.	Aimer 1 / 3 *FA129  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.3. Page 830		
Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Klasse II selv.	Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Class II Selv.	Aimer 1 / 3 *FA184  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.3. Page 830		
Netzgerät 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP20 Klasse II selv. Eq.	Power supply 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP20 Class II Selv. Eq.	Aimer 1 / 3 *FA135  Dimmable Push-Dim Or 1-10V See Wiring Diagram n.3. Page 830		


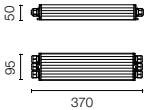
## Aimer: Treiber / Drivers

<p>Netzgerät 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP67 Klasse II selv.</p>	<p>Power supply 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP67 Class II Selv.</p>	<p>Aimer 1 / 3 *FA218</p> <p>Dimmable Push-Dim Or 1-10V See Wiring Diagram n.3. Page Page 830</p>		
<p>Netzgerät 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Klasse II selv.C.</p>	<p>Power supply 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Class II Selv. C.</p>	<p>Aimer 1 / 3 *FA238.A</p> <p>Dimmable DALI See Wiring Diagram n.3. Page Page 830</p>		
<p>Netzgerät 24W/ 110÷240V - Iout 500mA (15W@110V) IP67 Klasse II selv.</p>	<p>Power supply 24W/ 110÷240V - Iout 500mA (15W@110V) IP67 Class II Selv.</p>	<p>Aimer 1 / 3 *FA239.A</p> <p>Dimmable DALI See Wiring Diagram n.3. Page Page 830</p>		
<p>Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.</p>	<p>Power supply 24V 10W / 110-240V IP20 Class II selv.</p>	<p>Aimer 3 *RF2574</p>		
<p>Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.</p>	<p>Power supply 24V 10W / 110-240V IP67 Class II selv.</p>	<p>Aimer 3 *RF2575</p>		
<p>Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.</p>	<p>Aimer 3 / 4 / 5 *RF25752</p>		
<p>Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 35W / 120-270V IP67 Class II selv.</p>	<p>F990B23AZ00</p>		
<p>Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.</p>	<p>Aimer 3 / 4 / 5 *F990B28A000</p>		
<p>Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.</p>	<p>Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.</p>	<p>Aimer 3 / 4 / 5 *F990B27A000</p>		

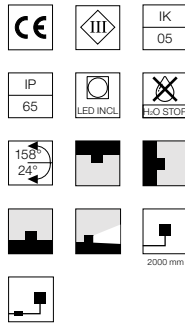
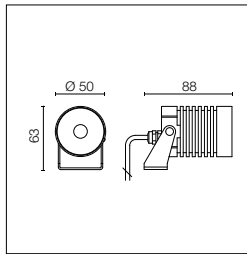
## Aimer RGB: Zubehörteile / Accessories

Visier Aimer 1.	Visor Aimer 1.	Aimer 1 RGB FA5230		
Visier Aimer 3.	Visor Martina.	Aimer 3 RGB FA5130		
Erdspieß.	Ground spike.	Aimer 1 / 3 / 4 / 5 RGB FA136		
DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte).	DMX controller; dimmer switch for recessed box (60mm hole centres).	F990B10A000		
DMX Controller; Stand-Alone/PC- Schnittstelle.	DMX controller; stand-alone/PC interface.	F990B11A000		
DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12- 24 V Gleichstrom. Stromversorgung nicht enthalten.	DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc.	F990B13A000		
Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm).	DMX cable - shielded twisted pair with 110 Ohm constant impedance.	F990B12A000		

## Aimer RGB: Treiber / Drivers

Stromversorgung mit Dmx-schnittstelle für RGB- Leuchten 36w/220÷240V-3ch x 350ma (3ch x 10 x1w) Dmx- Kontrolle erlaubt ip67 Klasse i Selv Eq.	Power supply with DMX interface for RGB fixtures 36W/220÷240v- 3CH x 350mA (3CH x 10 x 1W) DMX control allowed IP67 Class I Selv Eq.	*F990B22A000		
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Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

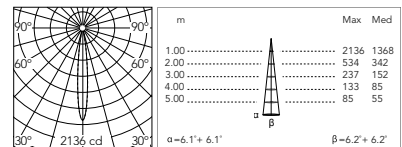
- FA51308001
- FA51308006
- FA51308012
- FA51308018
- FA51308030
- FA51308033

**3000K**

- FA51300301
- FA51300306
- FA51300312
- FA51300318
- FA51300330
- FA51300333

**4000K**

- FA51300201
- FA51300206
- FA51300212
- FA51300218
- FA51300230
- FA51300233



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

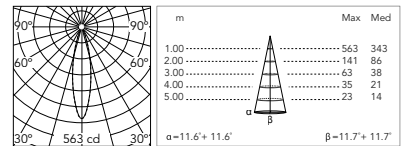
- FA51308201
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- FA51308230
- FA51308233

**3000K**

- FA51301301
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- FA51301312
- FA51301318
- FA51301330
- FA51301333

**4000K**

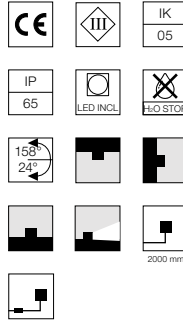
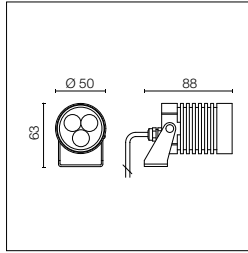
- FA51301201
- FA51301206
- FA51301212
- FA51301218
- FA51301230
- FA51301233



@3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.	Acc. RF25754	1	Acc. RF25752	3
		Acc. RF25748	1	Acc.F990B28A000	9
		Acc. RF25747	2	Acc. F990B27A000	17
		Acc. RF25757	2		



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

**2700K**

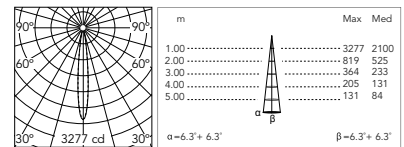
- FA51308401
- FA51308406
- FA51308412
- FA51308418
- FA51308430
- FA51308433

**3000K**

- FA51302301
- FA51302306
- FA51302312
- FA51302318
- FA51302330
- FA51302333

**4000K**

- FA51302201
- FA51302206
- FA51302212
- FA51302218
- FA51302230
- FA51302233



@3000K

**Optic Medium 30°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

**2700K**

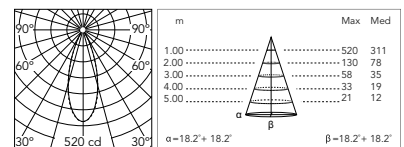
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- FA51308606
- FA51308612
- FA51308618
- FA51308630
- FA51308633

**3000K**

- FA51303301
- FA51303306
- FA51303312
- FA51303318
- FA51303330
- FA51303333

**4000K**

- FA51303201
- FA51303206
- FA51303212
- FA51303218
- FA51303230
- FA51303233



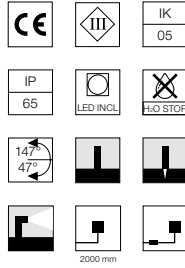
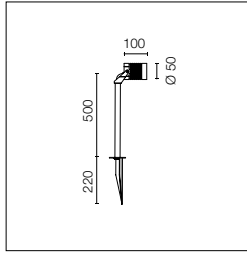
@3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25757	2
Acc. RF25748	1	Acc. F990B28A000	9
Acc. RF25747	2	Acc. F990B27A000	17



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass. Metal nail for ground installation included. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

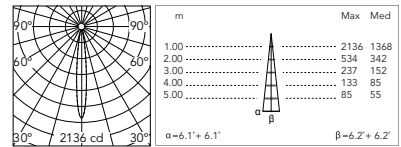
- FA51308801
- FA51308806
- FA51308812
- FA51308818
- FA51308830
- FA51308833

**3000K**

- FA51303601
- FA51303606
- FA51303612
- FA51303618
- FA51303630
- FA51303633

**4000K**

- FA51303501
- FA51303506
- FA51303512
- FA51303518
- FA51303530
- FA51303533



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

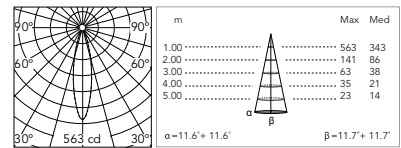
- FA51309001
- FA51309006
- FA51309012
- FA51309018
- FA51309030
- FA51309033

**3000K**

- FA51303901
- FA51303906
- FA51303912
- FA51303918
- FA51303930
- FA51303933

**4000K**

- FA51303801
- FA51303806
- FA51303812
- FA51303818
- FA51303830
- FA51303833



@3000K

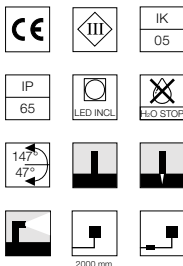
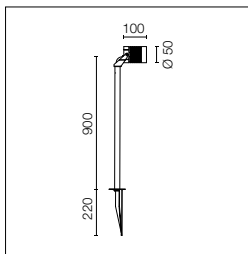
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25757	2
Acc. RF25748	1	Acc. RF25752	3
Acc. FA235	1	Acc. F990B28A000	9
Acc. RF25747	2	Acc. F990B27A000	17





Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass. Metal nail for ground installation included. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

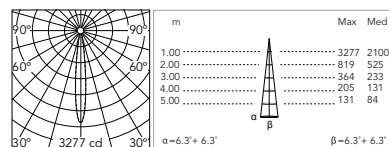
- FA51309201
- FA51309206
- FA51309212
- FA51309218
- FA51309230
- FA51309233

**3000K**

- FA51304801
- FA51304806
- FA51304812
- FA51304818
- FA51304830
- FA51304833

**4000K**

- FA51304701
- FA51304706
- FA51304712
- FA51304718
- FA51304730
- FA51304733



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

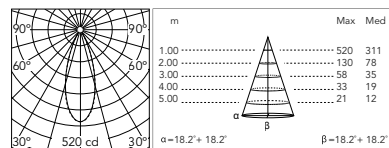
- FA51309401
- FA51309406
- FA51309412
- FA51309418
- FA51309430
- FA51309433

**3000K**

- FA51305101
- FA51305106
- FA51305112
- FA51305118
- FA51305130
- FA51305133

**4000K**

- FA51305001
- FA51305006
- FA51305012
- FA51305018
- FA51305030
- FA51305033



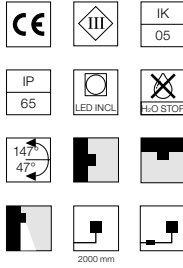
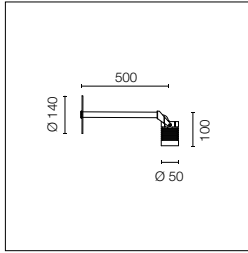
@3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25754	1	Acc. RF25757	2
Acc. RF25748	1	Acc. RF25752	3
Acc. FA235	1	Acc. F990B28A000	9
Acc. RF25747	2	Acc. F990B27A000	17



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass. Metal nail for ground installation included. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

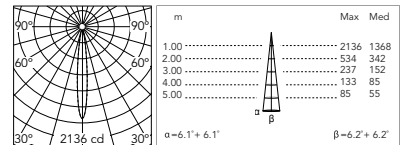
- FA51309601
- FA51309606
- FA51309612
- FA51309618
- FA51309630
- FA51309633

**3000K**

- FA51306001
- FA51306006
- FA51306012
- FA51306018
- FA51306030
- FA51306033

**4000K**

- FA51305901
- FA51305906
- FA51305912
- FA51305918
- FA51305930
- FA51305933



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

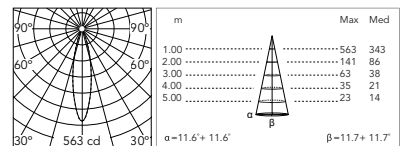
- FA51309801
- FA51309806
- FA51309812
- FA51309818
- FA51309830
- FA51309833

**3000K**

- FA51306301
- FA51306306
- FA51306312
- FA51306318
- FA51306330
- FA51306333

**4000K**

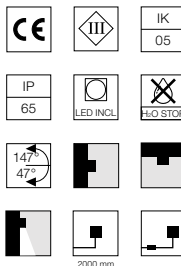
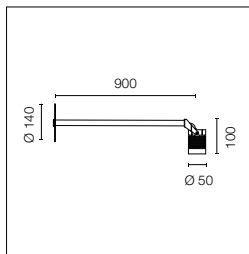
- FA51306201
- FA51306206
- FA51306212
- FA51306218
- FA51306230
- FA51306233



@3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.	Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.	Acc. RF25754	1	Acc. F990B28A000	9
		Acc. RF25748	1	Acc. F990B27A000	17
		Acc. RF25752	3		



Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass. Metal nail for ground installation included. Dimmable version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

**2700K**

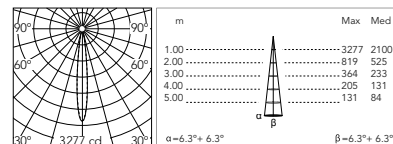
- FA51310001
- FA51310006
- FA51310012
- FA51310018
- FA51310030
- FA51310033

**3000K**

- FA51306601
- FA51306606
- FA51306612
- FA51306618
- FA51306630
- FA51306633

**4000K**

- FA51306501
- FA51306506
- FA51306512
- FA51306518
- FA51306530
- FA51306533



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

**2700K**

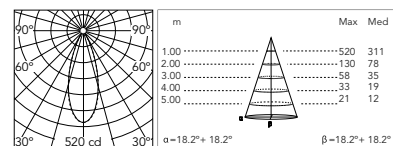
- FA51310201
- FA51310206
- FA51310212
- FA51310218
- FA51310230
- FA51310233

**3000K**

- FA51306901
- FA51306906
- FA51306912
- FA51306918
- FA51306930
- FA51306933

**4000K**

- FA51306801
- FA51306806
- FA51306812
- FA51306818
- FA51306830
- FA51306833



@3000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.




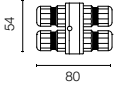

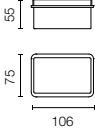
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

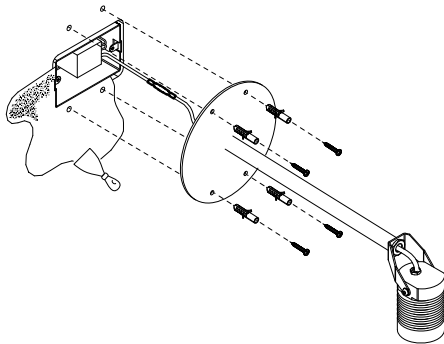
Acc. RF25754	1
Acc. RF25748	1
Acc. RF25752	3

Acc. F990B28A000	9
Acc. F990B27A000	17


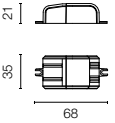

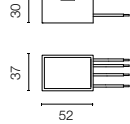

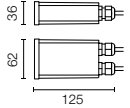

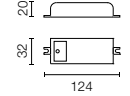

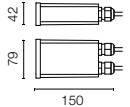

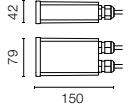

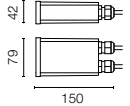

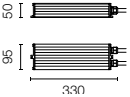

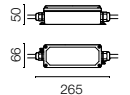
## Aimer 2: Zubehörteile / Accessories

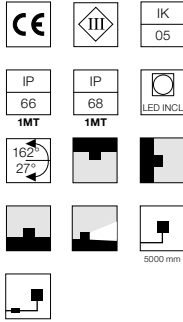
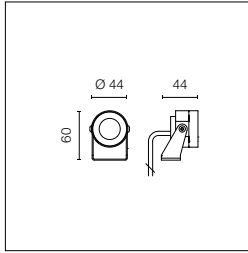
Erdspieß.	Ground spike.	<b>Spot / Bollard</b> FA136		
Verbindungssystem, IP68, 3/4-Wege-H2O- Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	<b>Bollard</b> F990C010000		
Eingebaute 3-Modul- Anschlussdose (Modell 503).	Recessed 3-module junction box (model 503).	<b>Wall</b> F990H010000		

### Aimer 2 Wall Bracket with box cod. F990H010000



## Aimer 2: Treiber / Drivers

Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq.	Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq.	*RF25754		
Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	*RF25748		
Netzgerät 8W/110÷240V - 24Vdc IP67 Klasse II selv. Eq.	Power supply 8W/110÷240V - 24Vdc IP67 Class II selv. Eq.	<b>Bollard</b> *FA235		
Netzgerät 24V 10W / 110-240V IP20 Klasse II selv.	Power supply 24V 10W / 110-240V IP20 Class II selv.	<b>Spot / Bollard</b> *RF25747		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	<b>Spot / Bollard</b> *RF25757		
Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220- 240V IP67 Class II selv.	<b>Bollard / Wall</b> *RF25752		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120- 240V IP67 Class II selv.	*F990B28A000		
Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	*F990B27A000		



LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Fernstromversorgung 350 mA ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit d Extraklares transparentes Glas. es Anschlusses garantieren. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

LED source. 316L stainless steel body and bracket, suitable for submersion. Remote power supply 350 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Medium 30°**

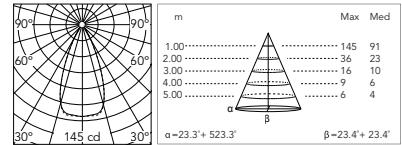
**Power Led:** 1,1W - LED 120 lm ≠ OUTPUT 99 lm - 3000K/CRI 80 - 350 mA / 1,1W - 124 lm ≠ OUTPUT 103 lm - 4000K/CRI 80 - 350 mA

**3000K**

FA10517114557.A

**4000K**

FA10517114357.A



@ 4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

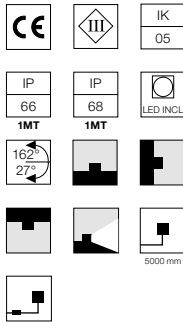
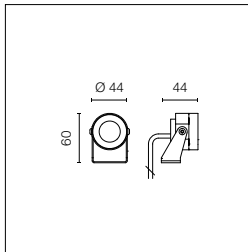
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25748 6  
Acc. FA184 \*\*16  
Acc. FA238.A \*\*9

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

**Aimer 1 Aqua RGB**



Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Sandgestrahltes Glas mit Siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Sandblasted screen-printed glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer 1 Aqua RGB-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 832.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 1 Aqua RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

FA10517314357.A

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

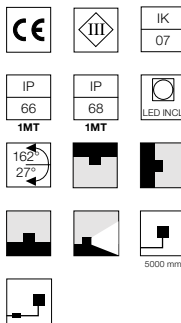
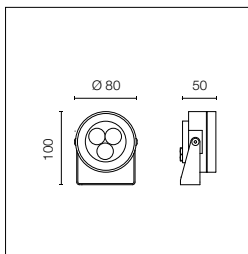
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 3 Aqua



Inklusive LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Medium 50°

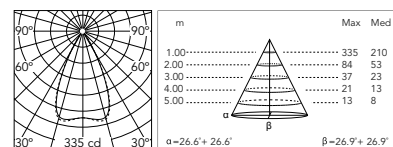
**Power Led:** 3,3W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 3,3W - 373 lm ≠ OUTPUT 278 lm - 4000K/CRI 80 - 24Vdc

#### 3000K

FA10517214657

#### 4000K

FA10517214457



@ 4000K

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

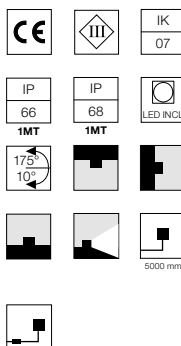
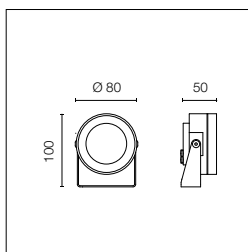
Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25748 1  
Acc. RF25757 2  
Acc. RF25752 3

Acc. F990B28A000 7  
Acc. F990B27A000 14

## Aimer 3 Aqua RGB



Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Transparentes Glas mit Siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Transparent screen-printed glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

#### Kabeldiagramm und RGB-System-Installation.

Maximal 10 Aimer 3 Aqua RGB-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 832.

#### Wiring diagram and installation scheme RGB.

Max 10 luminaires Aimer 3 Aqua RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 832.

### Optic Medium 35°

**RGB Power Led:** 3,4W - 3CH x 350mA

#### RGB

FA10517414457

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

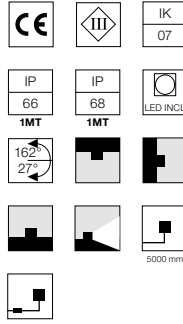
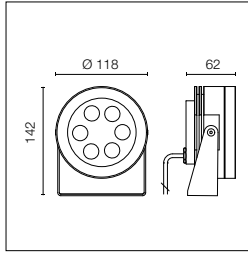
Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 \*\*10

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 4 Aqua



Inklusive LED-Quelle, Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Medium 26°

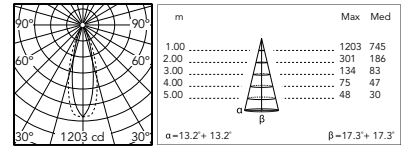
**Power Led:** 8W - 646 lm ≠ OUTPUT 409 lm - 3000K/CRI 80 - 24Vdc / 8W - 687 lm ≠ OUTPUT 435 lm - 4000K/CRI 80 - 24Vdc

#### 3000K

FA10526614757

#### 4000K

FA10526614557



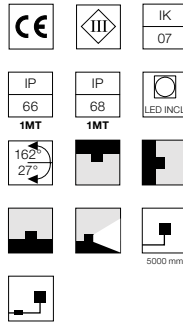
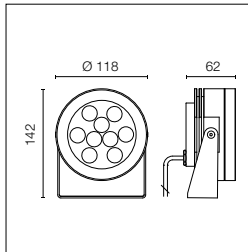
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B28A000 3  
Acc. F990B27A000 6

## Aimer 5 Aqua



Inklusive LED-Quelle, Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

### Optic Medium 28°

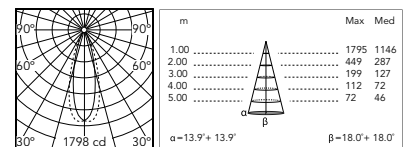
**Power Led:** 11W - 969 lm ≠ OUTPUT 680 lm - 3000K/CRI 80 - 24Vdc / 11W - 1031 lm ≠ OUTPUT 723 lm - 4000K/CRI 80 - 24Vdc

#### 3000K

FA10521114757

#### 4000K

FA10521114557



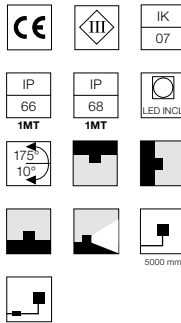
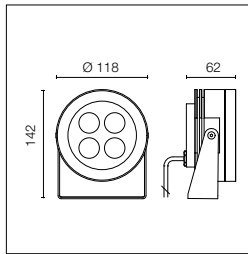
\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B28A000 3  
Acc. F990B27A000 7  
Acc. FA184 1





Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Transparentes Glas mit Siebdruck. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Transparent screen-printed glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

**Kabeldiagramm und RGB-System-Installation.**

**Wiring diagram and installation scheme RGB.**

Maximal 2 Aimer 5 Aqua RGB-LED-Leuchten für jeden F990B22A000 Code.

Max 2 luminaires Aimer 5 Aqua RGB for each code F990B22A000.

Siehe Kabeldiagramm Nr.5 Seite 832.

See Wiring Diagram n.5 Page 832.

**Optic Medium 50°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

FA10525614557

Photometric data on request.

\* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220± 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.




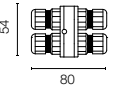

Maximum number of luminaires per power supply. (220±240 V). These data must be checked taking into account the specific installation conditions.

Acc. \*F990B22A000 \*\*2

\*\*Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

\*\*The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.





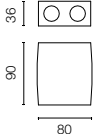


## Aimer Aqua: Zubehörteile / Accessories

Erdspieß.	Ground spike.	Aqua Aimer 1 / 3 / 4 / 5 FA136		
Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	Aqua Aimer 3 / 4 / 5 F990C010000		
Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).	2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable).	Aqua Aimer 3 / 4 / 5 F990C00A000		

## Aimer Aqua: Treiber / Drivers

Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.	Power supply 24V 8W / 110-240V IP65 Class II selv.	Aqua Aimer 1 / 3 *RF25748		
Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Klasse II selv.	Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Class II Selv.	Aqua Aimer 1 / 5 *FA184 		
Netzgerät 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Klasse II selv.C.	Power supply 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Class II Selv. C.	Aqua Aimer 1 / 3 *FA238.A 		
Netzgerät 24V 10W / 110-240V IP67 Klasse II selv.	Power supply 24V 10W / 110-240V IP67 Class II selv.	Aqua Aimer 3 / 4 / 5 *RF25757		
Netzgerät für den Feinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv.	Aqua Aimer 3 / 4 / 5 *RF25752		
Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv.	Power supply 24Vdc 35W / 120-270V IP67 Class II selv.	F990B23AZ00		
Netzgerät für den Feinbau 24Vdc 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv.	Aqua Aimer 3 / 4 / 5 *F990B28A000		
Netzgerät für den Feinbau 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv.	Aqua Aimer 3 / 4 / 5 *F990B27A000		

## Aimer Aqua RGB: Zubehörteile / Accessories

Erdspieß.	Ground spike.	Aqua Aimer 1 / 3 / 4 / 5 RGB FA136		
DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte).	DMX controller; dimmer switch for recessed box (60mm hole centres).	F990B10A000		
DMX Controller; Stand-Alone/PC- Schnittstelle.	DMX controller; stand-alone/PC interface.	F990B11A000		
DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12- 24 V Gleichstrom. Stromversorgung nicht enthalten.	DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc.	F990B13A000		
Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm).	DMX cable - shielded twisted pair with 110 Ohm constant impedance.	F990B12A000		

## Aimer Aquar RGB: Treiber / Drivers

Stromversorgung mit Dmx-schnittstelle für RGB- Leuchten 36w/220÷240V-3ch x 350ma (3ch x 10 x 1w) Dmx- Kontrolle erlaubt ip67 Klasse i Selv Eq.	Power supply with DMX interface for RGB fixtures 36W/220÷240v- 3CH x 350mA (3CH x 10 x 1W) DMX control allowed IP67 Class I Selv Eq.	*F990B22A000		
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**Franco**





Franco



## Familie / Family

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Franco 1



### CoB Led

up to 24W  
up to 1920 lm - 2700K/CRI 80  
up to 2065 lm - 3000K/CRI 80  
up to 2166 lm - 4000K/CRI 80

### Power Led

up to 20W  
up to 1506 lm - 2700K/CRI 80  
up to 1619 lm - 3000K/CRI 80  
up to 1698 lm - 4000K/CRI 80

2200K available on request.

Franco 2



### CoB Led

up to 43W  
up to 3143 lm - 2700K/CRI 80  
up to 3380 lm - 3000K/CRI 80  
up to 3465 lm - 4000K/CRI 80

Franco 3



### CoB Led

up to 52W  
up to 3757 lm - 2700K/CRI 80  
up to 4040 lm - 3000K/CRI 80  
up to 4142 lm - 4000K/CRI 80

### Power Led

up to 43W  
up to 3676 lm - 2700K/CRI 80  
up to 3939 lm - 3000K/CRI 80  
up to 4070 lm - 4000K/CRI 80

2200K available on request.

## Ausführungen / Colours

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01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

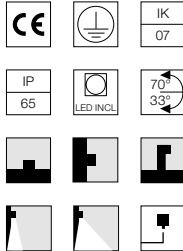
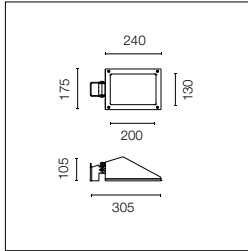


## Beschreibung / Description

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Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wand-, und Pfostenmontage. Erhältlich in drei Dimensionen und mit verschiedenen Lichtstrahlen für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und Reflektor aus Reinstaluminium. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem am Rahmen befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 120° auf der vertikalen Achse zu gewährleisten. Ergänzt durch eine Metall-Kabelführung. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Vervollständigt durch eine Reihe von Zylinderpfosten in verschiedenen Durchmessern und Höhen, die versenkt oder mit einer Ankerplatte und Zugschrauben befestigt werden können. Die MiniFranco-Version ist mit einem überstehenden Arm für die Wandmontage und die Beleuchtung von Schildern ausgestattet.

Family of tiltable projection luminaires with LED source for wall and post mounting. Available in three dimensions and with different light beams for every dimension, including optics for urban uses. Die cast aluminum body EN AB-47100 (with low copper content) and super pure aluminum reflector. Extraclear glass diffuser with silkscreen edge, attached to the frame with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 120° on the vertical axis. Completed with a metal cable guide. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Completed with a series of cylinder posts in different diameters and heights that can be ground recessed or fixed with an anchor plate and lag screws. The MiniFranco version is equipped with a protruding arm for wall mounting and sign lighting.



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<math>\phi</math><math><10</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten, Gestelle und Arme zur Montage als Mast, überstehender Arm zur Wandmontage.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<math>\phi</math><math><10</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts; mounts and arms to install as a mast; protruding arm for wall mounting.

**Symmetric Optic**

**CoB Led:** 24W - 2856 lm  $\neq$  OUTPUT 1920 lm - 2700K/CRI 80 - 220-240V / 24W - 3071 lm  $\neq$  OUTPUT 2065 lm - 3000K/CRI 80 - 220-240V / 24W - 3221 lm  $\neq$  OUTPUT 2166 lm - 4000K/CRI 80 - 220-240V

**2700K**

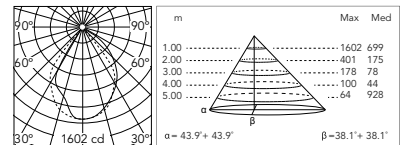
- FA162812301.A
- FA162812306.A
- FA162812312.A
- FA162812318.A
- FA162812330.A
- FA162812333.A

**3000K**

- FA162811301
- FA162811306
- FA162811312
- FA162811318
- FA162811330
- FA162811333

**4000K**

- FA162801301.A
- FA162801306.A
- FA162801312.A
- FA162801318.A
- FA162801330.A
- FA162801333.A



@ 3000K

**Asymmetric Optic**

**CoB Led:** 24W - 2856 lm  $\neq$  OUTPUT 1506 lm - 2700K/CRI 80 - 220-240V / 24W - 3071 lm  $\neq$  OUTPUT 1619 lm - 3000K/CRI 80 - 220-240V / 24W - 3221 lm  $\neq$  OUTPUT 1698 lm - 4000K/CRI 80 - 220-240V

**2700K**

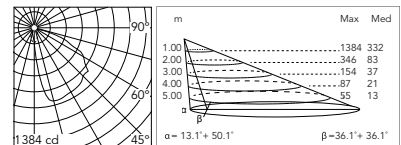
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- FA162812406.A
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- FA162812433.A

**3000K**

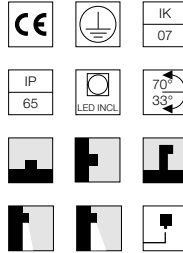
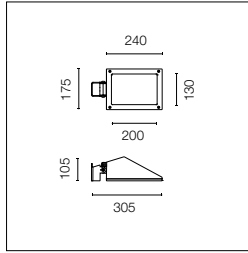
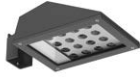
- FA162811401
- FA162811406
- FA162811412
- FA162811418
- FA162811430
- FA162811433

**4000K**

- FA162801401.A
- FA162801406.A
- FA162801412.A
- FA162801418.A
- FA162801430.A
- FA162801433.A



@ 3000K



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm <math>\phi</math> <math><10</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten, Gestelle und Arme zur Montage als Mast, überstehender Arm zur Wandmontage.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm <math>\phi</math> <math><10</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts; mounts and arms to install as a mast; protruding arm for wall mounting.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 10°**

**Power Led:** 20W - 1776 lm  $\neq$  OUTPUT 1371 lm - 2700K/CRI 80 - 220÷240V / 20W - 1914 lm  $\neq$  OUTPUT 1486 lm - 3000K/CRI 80 - 220÷240V / 20W - 1987 lm  $\neq$  OUTPUT 1543 lm - 4000K/CRI 80 - 220÷240V

**2700K**

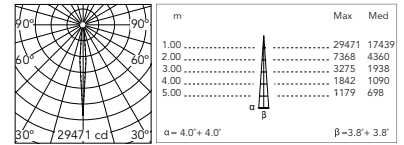
- FA161012201
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- FA161012212
- FA161012218
- FA161012230
- FA161012233

**3000K**

- FA161011201
- FA161011206
- FA161011212
- FA161011218
- FA161011230
- FA161011233

**4000K**

- FA162241201
- FA162241206
- FA162241212
- FA162241218
- FA162241230
- FA162241233



@ 3000K

**Optic Medium 40°**

**Power Led:** 20W - 1776 lm  $\neq$  OUTPUT 1281 lm - 2700K/CRI 80 - 220÷240V / 20W - 1914 lm  $\neq$  OUTPUT 1388 lm - 3000K/CRI 80 - 220÷240V / 20W - 1987 lm  $\neq$  OUTPUT 1442 lm - 4000K/CRI 80 - 220÷240V

**2700K**

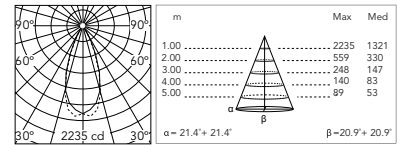
- FA161012301
- FA161012306
- FA161012312
- FA161012318
- FA161012330
- FA161012333

**3000K**

- FA161011301
- FA161011306
- FA161011312
- FA161011318
- FA161011330
- FA161011333

**4000K**

- FA162241301
- FA162241306
- FA162241312
- FA162241318
- FA162241330
- FA162241333



@ 3000K

## Franco 1 / Ø 60mm - Poles

Mit Boden.  
Mit festem Pfostenkopfhaken. Nicht verstellbarer Projektor.

With Base  
With fixed pole head hooking. Non-adjustable projector.

Bodeneinbau (+300 mm Wurzel)

In-Ground (+300 mm Root)



### H 500mm

- FA100501
- FA100506
- FA100512
- FA100518
- FA100530
- FA100533

### H 900mm

- FA100901
- FA100906
- FA100912
- FA100918
- FA100930
- FA100933

### H 2000mm

- FA11701
- FA11706
- FA11712
- FA11718
- FA11730
- FA11733



### H 500mm

- FA110501
- FA110506
- FA110512
- FA110518
- FA110530
- FA110533

### H 900mm

- FA110901
- FA110906
- FA110912
- FA110918
- FA110930
- FA110933

## Franco 1 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.  
With Terminal Block 4x1,5-16mmq.

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq

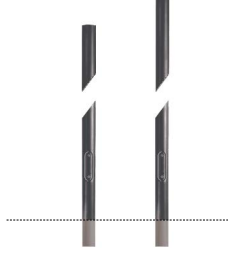


### H 3500mm

- FA24806
- FA24833

### H 4500mm

- FA24906
- FA24933



### H 3500mm

- FA25006
- FA25033

### H 4500mm

- FA25106
- FA25133

## Franco 1 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq

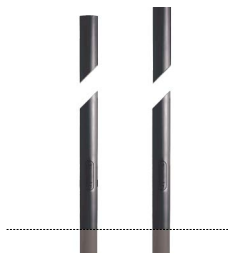


### H 4000mm

- FA414006
- FA414033

### H 5000mm

- FA415006
- FA415033



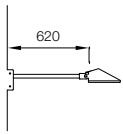
### H 4000mm

- FA414506
- FA414533

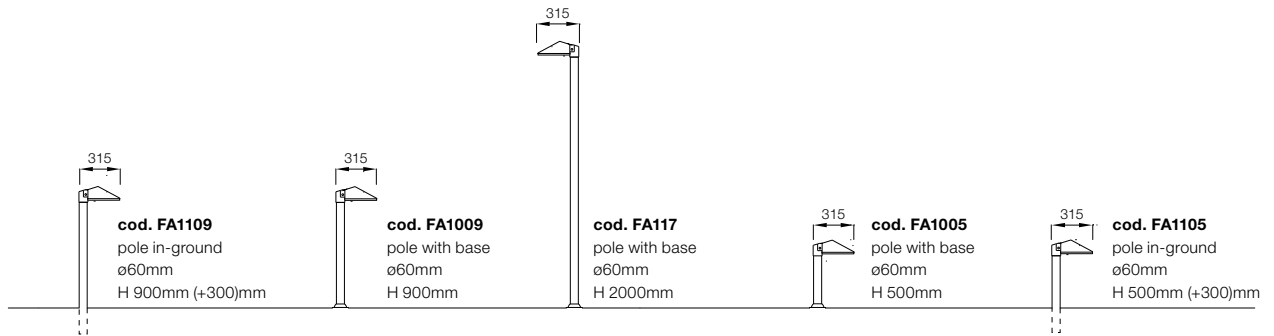
### H 5000mm

- FA415506
- FA415533

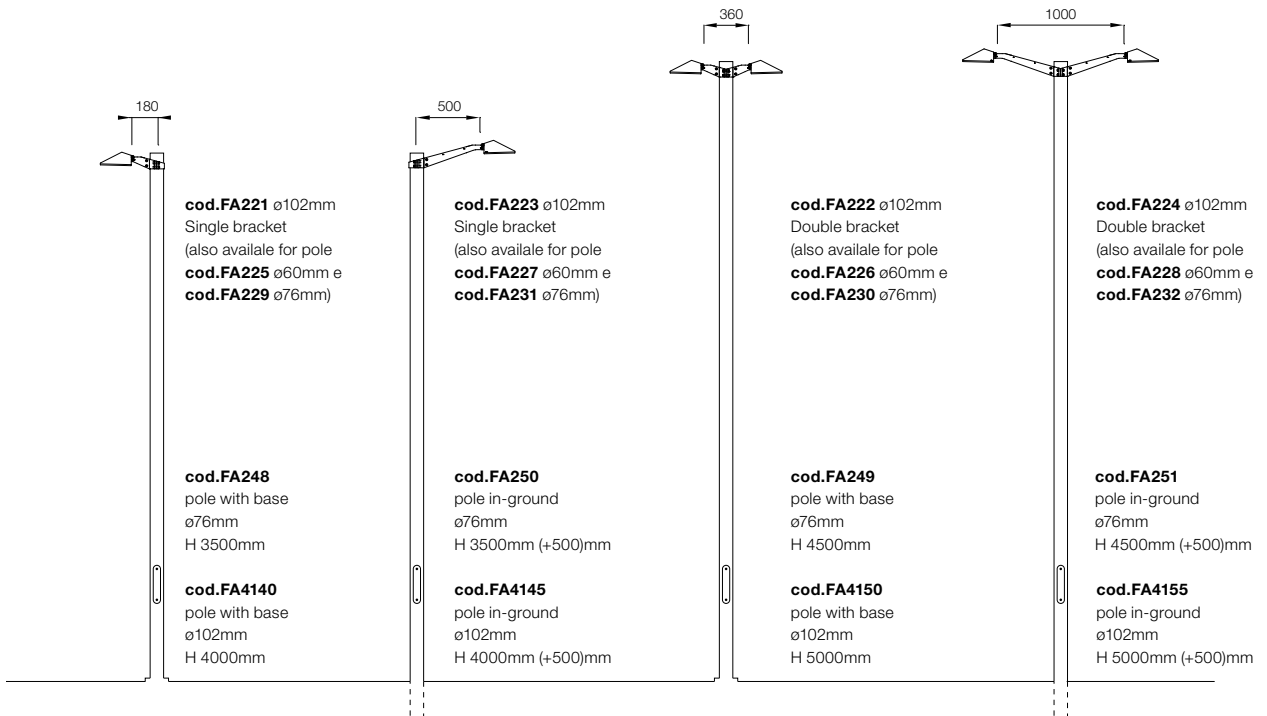
Verstellbarer Projektor an der Wand / Adjustable Projector on Wall




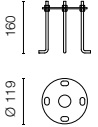

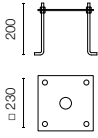

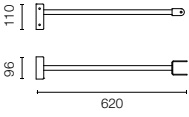

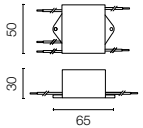
Nicht verstellbarer Projektor auf Pfosten / Non-Adjustable Projector on Pole



Verstellbarer Projektor auf Pfosten / Adjustable Projector on Pole



## Franco 1: Zubehörteile / Accessories

Stiftschraubenplatte.	Base plate with bolt.	H: 500 / 900 / 2000mm FA243		
Stiftschraubenplatte.	Base plate with bolt.	H: 3500 / 4500mm with base FA116		
Arm für Wand 620 mm.	Wall bracket 620mm.	○ FA8801 ● FA8806 ● FA8812 ● FA8818 ● FA8830 ● FA8833		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

## Franco 1 Ø 60mm

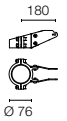
Einzelarm 180 mm. Für Pfosten Ø 60 mm.	Single bracket 180mm. For pole Ø 60mm.	● FA22506 ● FA22533		
Doppelarm 180 mm. Für Pfosten Ø 60 mm.	Double bracket 180mm. For pole Ø 60mm.	● FA22606 ● FA22633		
Einzelarm 500 mm. Für Pfosten Ø 60 mm.	Single bracket 500mm. For pole Ø 60mm.	● FA22706 ● FA22733		
Doppelarm 500 mm. Für Pfosten Ø 60 mm.	Double bracket 500mm. For pole Ø 60mm.	● FA22806 ● FA22833		

## Franco 1 Ø 76mm

Einzelarm 180 mm.  
Für Pfosten Ø 76 mm.

Single bracket 180mm.  
For pole Ø 76mm.

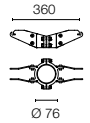
● FA22906  
● FA22933



Doppelarm 180 mm.  
Für Pfosten Ø 76 mm.

Double bracket 180mm.  
For pole Ø 76mm.

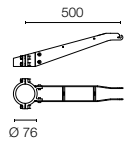
● FA23006  
● FA23033



Einzelarm 500 mm.  
Für Pfosten Ø 76 mm.

Single bracket 500mm.  
For pole Ø 76mm.

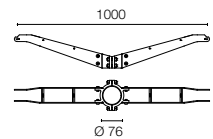
● FA23106  
● FA23133



Doppelarm 500 mm.  
Für Pfosten Ø 76 mm.

Double bracket 500mm.  
For pole Ø 76mm.

● FA23206  
● FA23233

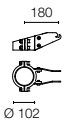


## Franco 1 Ø 102mm

Einzelarm 180 mm.  
Für Pfosten Ø 102 mm.

Single bracket 180mm.  
For pole Ø 102mm.

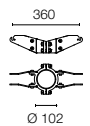
● FA22106  
● FA22133



Doppelarm 180 mm.  
Für Pfosten Ø 102 mm.

Double bracket 180mm.  
For pole Ø 102mm.

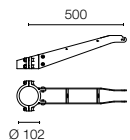
● FA22206  
● FA22233



Einzelarm 500 mm.  
Für Pfosten Ø 102 mm.

Single bracket 500mm.  
For pole Ø 102mm.

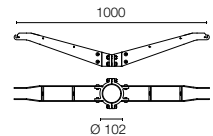
● FA22306  
● FA22333

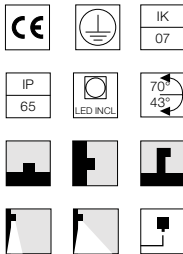
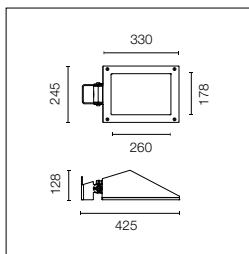


Doppelarm 500 mm.  
Für Pfosten Ø 102 mm.

Double bracket 500mm.  
For pole Ø 102mm.

● FA22406  
● FA22433





Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<math>\phi</math><math><13</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<math>\phi</math><math><13</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

**Symmetric Optic**

**CoB Led:** 43W - 5043 lm  $\neq$  OUTPUT 3143 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 43W - 5423 lm  $\neq$  OUTPUT 3380 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 43W - 5560 lm  $\neq$  OUTPUT 3465 lm - 4000K/CRI 80 - 220 $\pm$ 240V

**2700K**

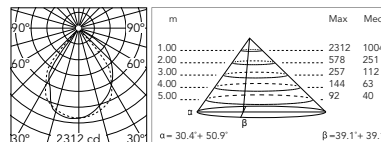
- FA962832301.A
- FA962832306.A
- FA962832312.A
- FA962832318.A
- FA962832330.A
- FA962832333.A

**3000K**

- FA962831301.A
- FA962831306.A
- FA962831312.A
- FA962831318.A
- FA962831330.A
- FA962831333.A

**4000K**

- FA962821301.A
- FA962821306.A
- FA962821312.A
- FA962821318.A
- FA962821330.A
- FA962821333.A



@ 3000K

**Asymmetric Optic**

**CoB Led:** 43W - 5043 lm  $\neq$  OUTPUT 2648 lm - 2700K/CRI 80 - 220 $\pm$ 240V / 43W - 5423 lm  $\neq$  OUTPUT 2847 lm - 3000K/CRI 80 - 220 $\pm$ 240V / 43W - 5560 lm  $\neq$  OUTPUT 2919 lm - 4000K/CRI 80 - 220 $\pm$ 240V

**2700K**

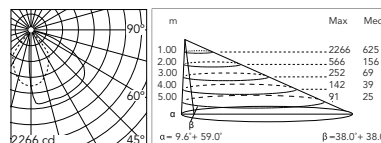
- FA962832401.A
- FA962832406.A
- FA962832412.A
- FA962832418.A
- FA962832430.A
- FA962832433.A

**3000K**

- FA962831401.A
- FA962831406.A
- FA962831412.A
- FA962831418.A
- FA962831430.A
- FA962831433.A

**4000K**

- FA962821401.A
- FA962821406.A
- FA962821412.A
- FA962821418.A
- FA962821430.A
- FA962821433.A



@ 3000K



## Franco 2 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.  
With Terminal Block 4x1,5-16mmq.



### H 3500mm

- FA24806
- FA24833

### H 4500mm

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



### H 3500mm

- FA25006
- FA25033

### H 4500mm

- FA25106
- FA25133

## Franco 2 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



### H 4000mm

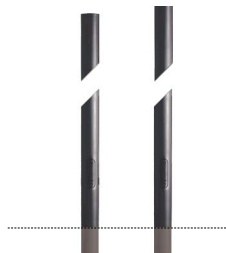
- FA414006
- FA414033

### H 5000mm

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



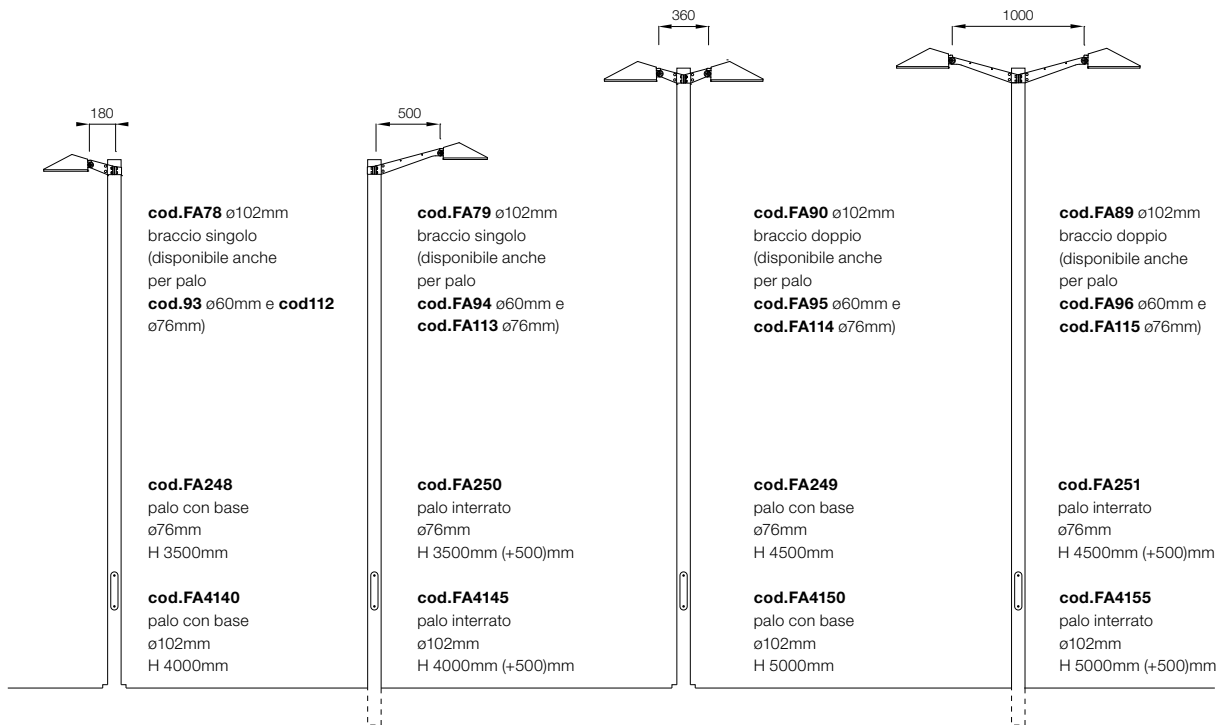
### H 4000mm

- FA414506
- FA414533


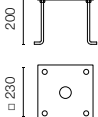
### H 5000mm


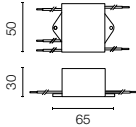
- FA415506
- FA415533

## Installation scheme: Franco 2


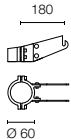



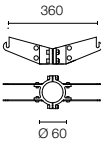
## Franco 2: Zubehörteile / Accessories


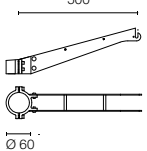
Stiftschraubenplatte.	Base plate with bolt.	FA116		
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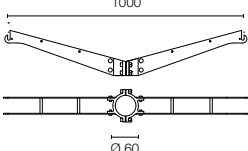
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10kA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10kA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	CoB LED F990E00A000		
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## Franco 2 Ø 60mm

Einzelarm 180 mm. Für Pfosten Ø 60 mm.	Single bracket 180mm. For pole Ø 60mm.	● FA9306 ● FA9333		
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Doppelarm 180 mm. Für Pfosten Ø 60 mm.	Double bracket 180mm. For pole Ø 60mm.	● FA9506 ● FA9533		
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Einzelarm 500 mm. Für Pfosten Ø 60 mm.	Single bracket 500mm. For pole Ø 60mm.	● FA9406 ● FA9433		
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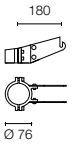
Doppelarm 500 mm. Für Pfosten Ø 60 mm.	Double bracket 500mm. For pole Ø 60mm.	● FA9606 ● FA9633		
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## Franco 2 Ø 76mm

Einzelarm 180 mm.  
Für Pfosten Ø 76 mm.

Single bracket 180mm.  
For pole Ø 76mm.

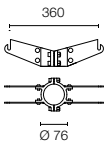
- FA11206
- FA11233



Doppelarm 180 mm.  
Für Pfosten Ø 76 mm.

Double bracket 180mm.  
For pole Ø 76mm.

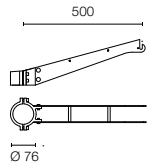
- FA11406
- FA11433



Einzelarm 500 mm.  
Für Pfosten Ø 76 mm.

Single bracket 500mm.  
For pole Ø 76mm.

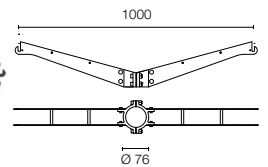
- FA11306
- FA11333



Doppelarm 500 mm.  
Für Pfosten Ø 76 mm.

Double bracket 500mm.  
For pole Ø 76mm.

- FA11506
- FA11533

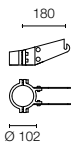


## Franco 2 Ø 102mm

Einzelarm 180 mm.  
Für Pfosten Ø 102 mm.

Single bracket 180mm.  
For pole Ø 102mm.

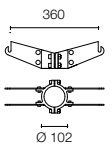
- FA7806
- FA7833



Doppelarm 180 mm.  
Für Pfosten Ø 102 mm.

Double bracket 180mm.  
For pole Ø 102mm.

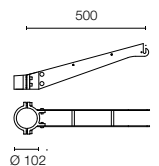
- FA9006
- FA9033



Einzelarm 500 mm.  
Für Pfosten Ø 102 mm.

Single bracket 500mm.  
For pole Ø 102mm.

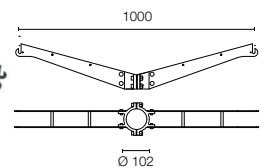
- FA7906
- FA7933

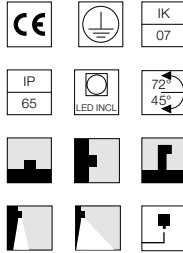
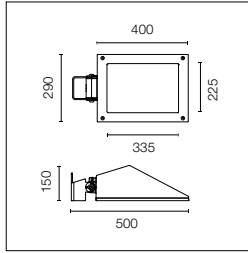


Doppelarm 500 mm.  
Für Pfosten Ø 102 mm.

Double bracket 500mm.  
For pole Ø 102mm.

- FA8906
- FA8933





Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<math>\phi</math><math><13</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<math>\phi</math><math><13</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

**Symmetric Optic**

**CoB Led:** 52W - 5847 lm  $\neq$  OUTPUT 3757 lm - 2700K/CRI 80 - 220÷240V / 52W - 6287 lm  $\neq$  OUTPUT 4040 lm - 3000K/CRI 80 - 220÷240V / 52W - 6446 lm  $\neq$  OUTPUT 4142 lm - 4000K/CRI 80 - 220÷240V

**2700K**

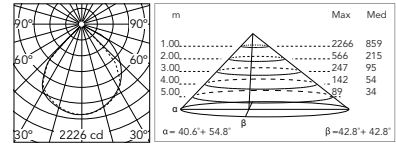
- FA972842301.A
- FA972842306.A
- FA972842312.A
- FA972842318.A
- FA972842330.A
- FA972842333.A

**3000K**

- FA972851301.A
- FA972851306.A
- FA972851312.A
- FA972851318.A
- FA972851330.A
- FA972851333.A

**4000K**

- FA972841301.A
- FA972841306.A
- FA972841312.A
- FA972841318.A
- FA972841330.A
- FA972841333.A



@ 3000K

**Asymmetric Optic**

**CoB Led:** 52W - 5847 lm  $\neq$  OUTPUT 3072 lm - 2700K/CRI 80 - 220÷240V / 52W - 6287 lm  $\neq$  OUTPUT 3303 lm - 3000K/CRI 80 - 220÷240V / 52W - 6446 lm  $\neq$  OUTPUT 3386 lm - 4000K/CRI 80 - 220÷240V

**2700K**

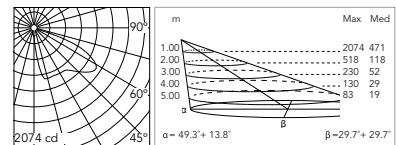
- FA942842401.A
- FA942842406.A
- FA942842412.A
- FA942842418.A
- FA942842430.A
- FA942842433.A

**3000K**

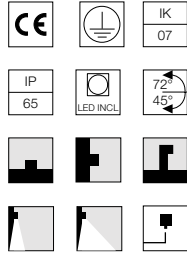
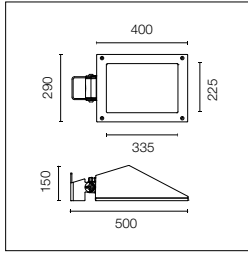
- FA942851401.A
- FA942851406.A
- FA942851412.A
- FA942851418.A
- FA942851430.A
- FA942851433.A

**4000K**

- FA972841401.A
- FA972841406.A
- FA972841412.A
- FA972841418.A
- FA972841430.A
- FA972841433.A



@ 3000K



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm <math>\phi</math> <math>< 13</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm <math>\phi</math> <math>< 13</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

**Asymmetric Optic**

**Power Led:** 43W - 5775 lm  $\neq$  OUTPUT 3676 lm - 2700K/CRI 80 - 220÷240V / 43W - 5589 lm  $\neq$  OUTPUT 3939 lm - 3000K/CRI 80 - 220÷240V / 43W - 5216 lm  $\neq$  OUTPUT 4070 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA972472301
- FA972472306
- FA972472312
- FA972472318
- FA972472330
- FA972472333

1-10V

- FA972472301-310
- FA972472306-310
- FA972472312-310
- FA972472318-310
- FA972472330-310
- FA972472333-310

Dali

- FA972472301-300
- FA972472306-300
- FA972472312-300
- FA972472318-300
- FA972472330-300
- FA972472333-300

**3000K**

Non Dimmable

- FA972481301
- FA972481306
- FA972481312
- FA972481318
- FA972481330
- FA972481333

1-10V

- FA972481301-310
- FA972481306-310
- FA972481312-310
- FA972481318-310
- FA972481330-310
- FA972481333-310

Dali

- FA972481301-300
- FA972481306-300
- FA972481312-300
- FA972481318-300
- FA972481330-300
- FA972481333-300

**4000K**

Non Dimmable

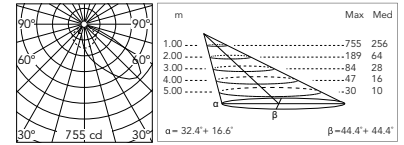
- FA972471301.A
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- FA972471318.A
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- FA972471333.A

1-10V

- FA972471301-310.A
- FA972471306-310.A
- FA972471312-310.A
- FA972471318-310.A
- FA972471330-310.A
- FA972471333-310.A

Dali

- FA972471301-300.A
- FA972471306-300.A
- FA972471312-300.A
- FA972471318-300.A
- FA972471330-300.A
- FA972471333-300.A



@ 3000K

**Street Light Optic**

**Power Led:** 43W - 5775 lm  $\neq$  OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 43W - 5589 lm  $\neq$  OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 43W - 5216 lm  $\neq$  OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA972472401
- FA972472406
- FA972472412
- FA972472418
- FA972472430
- FA972472433

1-10V

- FA972472401-310
- FA972472406-310
- FA972472412-310
- FA972472418-310
- FA972472430-310
- FA972472433-310

Dali

- FA972472401-300
- FA972472406-300
- FA972472412-300
- FA972472418-300
- FA972472430-300
- FA972472433-300

**3000K**

Non Dimmable

- FA972481401
- FA972481406
- FA972481412
- FA972481418
- FA972481430
- FA972481433

1-10V

- FA972481401-310
- FA972481406-310
- FA972481412-310
- FA972481418-310
- FA972481430-310
- FA972481433-310

Dali

- FA972481401-300
- FA972481406-300
- FA972481412-300
- FA972481418-300
- FA972481430-300
- FA972481433-300

**4000K**

Non Dimmable

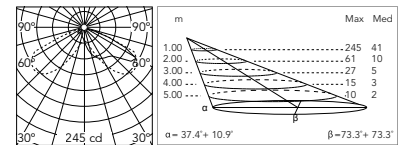
- FA972471401.A
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- FA972471418.A
- FA972471430.A
- FA972471433.A

1-10V

- FA972471401-310.A
- FA972471406-310.A
- FA972471412-310.A
- FA972471418-310.A
- FA972471430-310.A
- FA972471433-310.A

Dali

- FA972471401-300.A
- FA972471406-300.A
- FA972471412-300.A
- FA972471418-300.A
- FA972471430-300.A
- FA972471433-300.A



@ 3000K

## Franco 3 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.  
With Terminal Block 4x1,5-16mmq.



- H 3500mm**
  - FA24806
  - FA24833
- H 4500mm**
  - FA24906
  - FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



- H 3500mm**
  - FA25006
  - FA25033
- H 4500mm**
  - FA25106
  - FA25133

## Franco 3 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

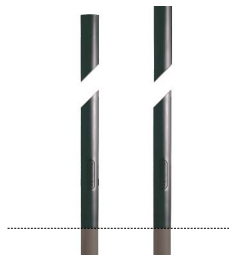
With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



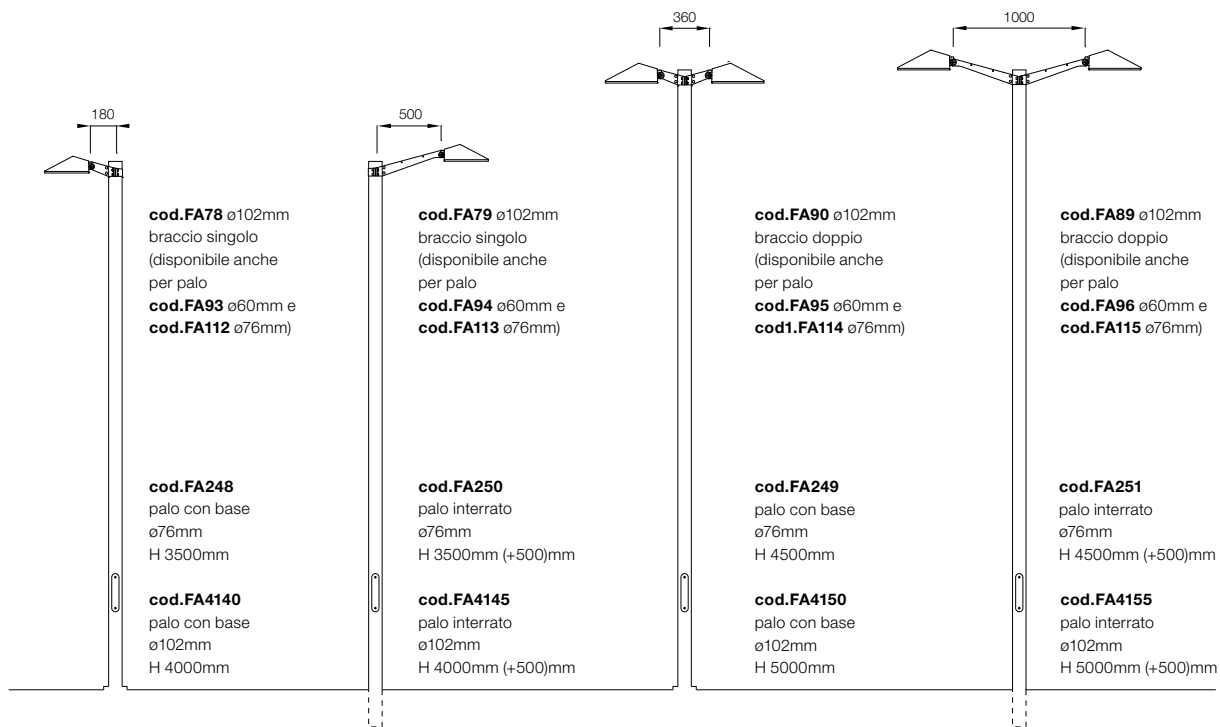
- H 4000mm**
  - FA414006
  - FA414033
- H 5000mm**
  - FA415006
  - FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq


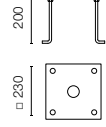
In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq


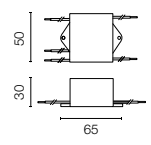


- H 4000mm**
  - FA414506
  - FA414533
- H 5000mm**
  - FA415506
  - FA415533


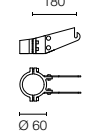



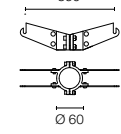
### Franco 3: Zubehörteile / Accessories


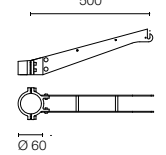
Stiftschraubenplatte.	Base plate with bolt.	FA116		
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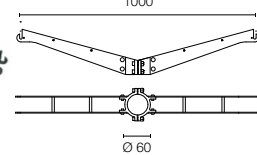
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10kA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10kA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	CoB LED / Power LED F990E00A000		
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### Franco 3 Ø 60mm

Einzelarm 180 mm. Für Pfosten Ø 60 mm.	Single bracket 180mm. For pole Ø 60mm.	● FA9306 ● FA9333		
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Doppelarm 180 mm. Für Pfosten Ø 60 mm.	Double bracket 180mm. For pole Ø 60mm.	● FA9506 ● FA9533		
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Einzelarm 500 mm. Für Pfosten Ø 60 mm.	Single bracket 500mm. For pole Ø 60mm.	● FA9406 ● FA9433		
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Doppelarm 500 mm. Für Pfosten Ø 60 mm.	Double bracket 500mm. For pole Ø 60mm.	● FA9606 ● FA9633		
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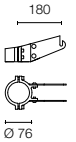


## Franco 3 Ø 76mm

Einzelarm 180 mm.  
Für Pfosten Ø 76 mm.

Single bracket 180mm.  
For pole Ø 76mm.

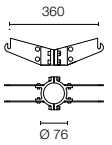
- FA11206
- FA11233



Doppelarm 180 mm.  
Für Pfosten Ø 76 mm.

Double bracket 180mm.  
For pole Ø 76mm.

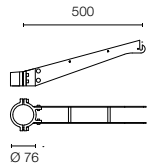
- FA11406
- FA11433



Einzelarm 500 mm.  
Für Pfosten Ø 76 mm.

Single bracket 500mm.  
For pole Ø 76mm.

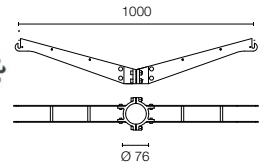
- FA11306
- FA11333



Doppelarm 500 mm.  
Für Pfosten Ø 76 mm.

Double bracket 500mm.  
For pole Ø 76mm.

- FA11506
- FA11533

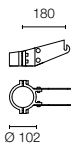


## Franco 3 Ø 102mm

Einzelarm 180 mm.  
Für Pfosten Ø 102 mm.

Single bracket 180mm.  
For pole Ø 102mm.

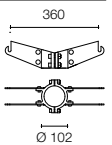
- FA7806
- FA7833



Doppelarm 180 mm.  
Für Pfosten Ø 102 mm.

Double bracket 180mm.  
For pole Ø 102mm.

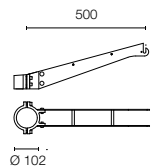
- FA9006
- FA9033



Einzelarm 500 mm.  
Für Pfosten Ø 102 mm.

Single bracket 500mm.  
For pole Ø 102mm.

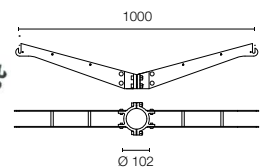
- FA7906
- FA7933



Doppelarm 500 mm.  
Für Pfosten Ø 102 mm.

Double bracket 500mm.  
For pole Ø 102mm.

- FA8906
- FA8933



**Perseo**





Perseo





## Familie / Family

---

### Perseo 1



#### Power Led

up to 7W  
up to 373 lm - 2700K/CRI 80  
up to 401 lm - 3000K/CRI 80  
up to 427 lm - 4000K/CRI 80  
[2200K available on request.](#)

#### Mid-Power Led

up to 9W  
up to 435 lm - 2700K/CRI 80  
up to 468 lm - 3000K/CRI 80  
up to 491 lm - 4000K/CRI 80

### Perseo 2



#### Power Led

up to 12W  
up to 866 lm - 2700K/CRI 80  
up to 963 lm - 3000K/CRI 80  
up to 984 lm - 4000K/CRI 80  
[2200K available on request.](#)

#### Mid-Power Led

up to 11W  
up to 580 lm - 2700K/CRI 80  
up to 624 lm - 3000K/CRI 80  
up to 655 lm - 4000K/CRI 80

### Perseo 3



#### Power Led

up to 20W  
up to 1559 lm - 2700K/CRI 80  
up to 1732 lm - 3000K/CRI 80  
up to 1771 lm - 4000K/CRI 80  
[2200K available on request.](#)

### Perseo 4



#### Power Led

up to 53W  
up to 3989 lm - 2700K/CRI 80  
up to 4332 lm - 3000K/CRI 80  
up to 4533 lm - 4000K/CRI 80  
[2200K available on request.](#)

#### RGB - Power Led

up to 40W + 220-240V  
DMX interface.

## Ausführungen / Colours

---



01 White



06 Grey



12 Forest Green



18 Deep Brown



30 Black



33 Anthracite

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle, designt zur Wand-, Pfosten-, Decken- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in vier Dimensionen und mit verschiedenen Lichtstrahlen für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und Reflektor aus Reinstaluminium. Extraklarer oder mattierter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem am Rahmen befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L in der gleichen Ausführung wie das Gehäuse der Leuchte.

### Perseo 1 / Perseo 2

Neigbare Projektionsleuchten zur Wand-, Decken- und Bodenmontage. Drei Abstrahlwinkel erhältlich: schmal, mittel (transparentes Glas) und diffus (mattiertes Glas). Ausgestattet mit einem überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Der Befestigungsbügel aus Edelstahl AISI 316L ermöglicht eine Neigung um ca. 180° auf der vertikalen Achse. Das Sortiment wird durch folgendes optionales Zubehör ergänzt: Erdspieß, Füße für die Installation der Leuchte als Bollard und überstehende Arme für die Beleuchtung von Schildern. Die Füße und Arme haben IP68-Anschlüsse für eine einfache und sichere Verkabelung.

### Perseo 3 / Perseo 4

Neigbare Projektionsleuchten zur Wand-, Pfosten-, Decken- und Bodenmontage. Vier Abstrahlwinkel erhältlich: schmal, mittel, asymmetrisch und städtische Optiken. Ergänzt durch eine Metall-Kabelführung. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 150° auf der vertikalen Achse zu gewährleisten. Das Sortiment wird durch folgendes optionales Zubehör ergänzt: Füße für die Installation der Leuchte als Bollard; Arme für die Wandmontage, geeignet für die Beleuchtung von Schildern in einiger Entfernung (die Füße und Arme haben IP68-Anschlüsse für eine einfache und sichere Verkabelung); eine komplette Serie von Zylinderfüßen in verschiedenen Durchmessern und Höhen, die in den Boden versenkt oder mit Ankerplatten und Zugschrauben befestigt werden können; Einzel- und Doppelarme in zwei Längen für Pfosten mit verschiedenen Durchmessern, Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Das Perseo-4-Modell wird durch die RGB-Version ergänzt, um farbige Lichtszenarien zu kreieren.

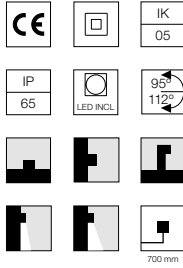
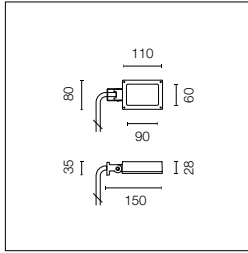
Complete family of tiltable projection luminaires with LED source, designed for wall, post, ceiling and ground mounting with a metal nail that needs to be ordered separately. Available in four dimensions and with different light beams for every dimension, including optics for urban uses. Die cast aluminum body EN AB-47100 (with low copper content) and super pure aluminum reflector. Extraclear or frosted glass diffuser with silkscreen edge, attached to the frame with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket with the same finish as the luminaire body.

### Perseo 1 / Perseo 2

Tiltable projection luminaires for wall, ceiling, and ground mounting. Three beam angles available: slim, medium (transparent glass) and diffused (frosted glass). Equipped with a protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. The AISI 316L stainless steel fixing bracket allows for a tilting of approx. 180° on the vertical axis. The range is completed with the following optional accessories: ground spike; feet to install the luminaire as a bollard; and protruding arms for sign lighting. The feet and arms include IP68 connectors to guarantee an easy and safe cabling.

### Perseo 3 / Perseo 4

Tiltable projection luminaires for wall, post, ceiling, and ground mounting. Four beam angles available: slim, medium, asymmetrical, and urban optics. Equipped with a metal cable guide. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. AISI316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 150° on the vertical axis. The range is completed with the following optional accessories: feet to install the luminaire as a bollard; arms for wall mounting, suitable for sign lighting at a distance (the feet and arms include IP68 connectors for an easy and safe cabling); a complete series of cylinder feet in different diameters and heights to be ground recessed or fixed with anchor plates and lag screws; single and double arms in two lengths for posts with different diameters, wall-washer visor and anti-vandalism protection lid. The Perseo 4 model is completed with the RGB version to create sceneries with colored light.



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 100-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Extraklares transparentes Glas.

LED source included. Integrated electrical power supply 100-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Narrow Spot 8°**

**Power LED:** 7W - 398 lm ≠ OUTPUT 373 lm - 2700K/CRI 80 - 100-240V / 7W - 428 lm ≠ OUTPUT 401 lm - 3000K/CRI 80 - 100-240V / 7W - 456 lm ≠ OUTPUT 427 lm - 4000K/CRI 80 - 100-240V

**2700K**

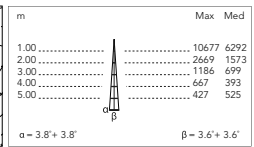
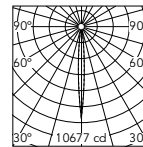
- FA52514001.A
- FA52514006.A
- FA52514012.A
- FA52514018.A
- FA52514030.A
- FA52514033.A

**3000K**

- FA52501301.A
- FA52501306.A
- FA52501312.A
- FA52501318.A
- FA52501330.A
- FA52501333.A

**4000K**

- FA52501201.A
- FA52501206.A
- FA52501212.A
- FA52501218.A
- FA52501230.A
- FA52501233.A



@ 4000K

**Optic Medium 40°**

**Power LED:** 7W - 398 lm ≠ OUTPUT 332 lm - 2700K/CRI 80 - 100-240V / 7W - 428 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 100-240V / 7W - 456 lm ≠ OUTPUT 381 lm - 4000K/CRI 80 - 100-240V

**2700K**

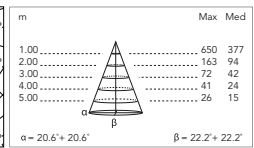
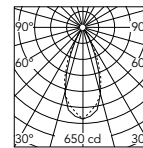
- FA52514201.A
- FA52514206.A
- FA52514212.A
- FA52514218.A
- FA52514230.A
- FA52514233.A

**3000K**

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- FA52502306.A
- FA52502312.A
- FA52502318.A
- FA52502330.A
- FA52502333.A

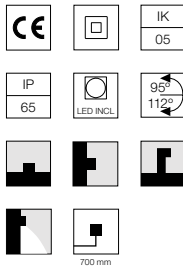
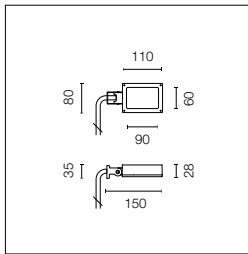
**4000K**

- FA52502201.A
- FA52502206.A
- FA52502212.A
- FA52502218.A
- FA52502230.A
- FA52502233.A



@ 4000K

**Perseo 1 Opal**



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 100-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Mattiertes Glas.

LED source included. Integrated electrical power supply 100-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Frosted glass.

**Diffused Light**

**Mid-Power LED:** 9W - 836 lm ≠ OUTPUT 435 lm - 2700K/CRI 80 - 100-240V / 9W - 899 lm ≠ OUTPUT 468 lm - 3000K/CRI 80 - 100-240V / 9W - 943 lm ≠ OUTPUT 491 lm - 4000K/CRI 80 - 100-240V

**2700K**

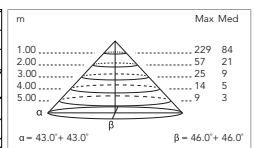
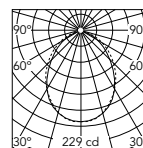
- FA52514401.A
- FA52514406.A
- FA52514412.A
- FA52514418.A
- FA52514430.A
- FA52514433.A

**3000K**

- FA52500301.A
- FA52500306.A
- FA52500312.A
- FA52500318.A
- FA52500330.A
- FA52500333.A

**4000K**




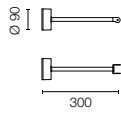

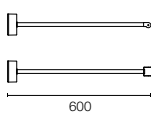

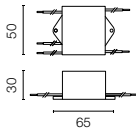
- FA52500201.A
- FA52500206.A
- FA52500212.A
- FA52500218.A
- FA52500230.A
- FA52500233.A



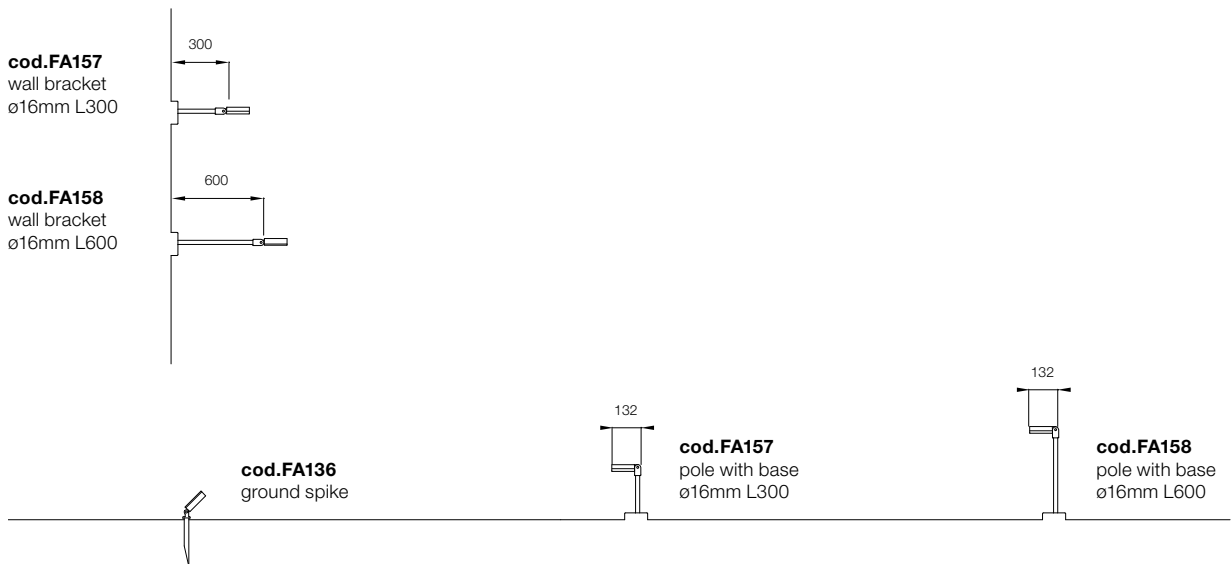
@ 4000K

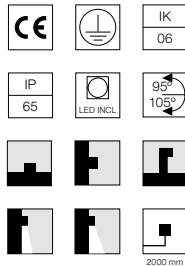
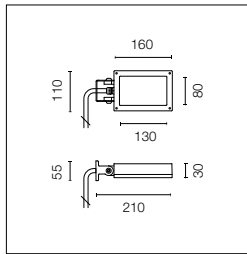


## Perseo 1: Zubehörteile / Accessories

Erdspieß.	Ground spike.	FA136		
Einzelarm / Pole 300mm.	Wall bracket / Pole 300mm.	<ul style="list-style-type: none"> <li>○ FA15701</li> <li>● FA15706</li> <li>● FA15712</li> <li>● FA15718</li> <li>● FA15730</li> <li>● FA15733</li> </ul>		
Einzelarm / Pole 600mm.	Wall bracket / Pole 600mm.	<ul style="list-style-type: none"> <li>○ FA15801</li> <li>● FA15806</li> <li>● FA15812</li> <li>● FA15818</li> <li>● FA15830</li> <li>● FA15833</li> </ul>		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

### Installation scheme: Perseo 1





Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Extraklares transparentes Glas.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 13°**

**Power Led:** 12W - 1256 lm ≠ OUTPUT 866 lm - 2700K/CRI 80 - 220-240V / 12W - 1395 lm ≠ OUTPUT 963 lm - 3000K/CRI 80 - 220-240V / 12W - 1465 lm ≠ OUTPUT 984 lm - 4000K/CRI 80 - 220-240V

**2700K**

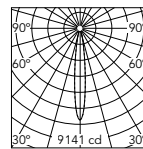
- FA52514601
- FA52514606
- FA52514612
- FA52514618
- FA52514630
- FA52514633

**3000K**

- FA52504301
- FA52504306
- FA52504312
- FA52504318
- FA52504330
- FA52504333

**4000K**

- FA52504201
- FA52504206
- FA52504212
- FA52504218
- FA52504230
- FA52504233



m	Max	Med
1.00	9141	5846
2.00	2285	1461
3.00	1016	650
4.00	571	365
5.00	366	234

α = 6.5° + 6.5°      β = 6.5° + 6.5°

@ 4000K

**Optic Medium 42°**

**Power Led:** 12W - 1256 lm ≠ OUTPUT 745 lm - 2700K/CRI 80 - 220-240V / 12W - 1395 lm ≠ OUTPUT 828 lm - 3000K/CRI 80 - 220-240V / 12W - 1465 lm ≠ OUTPUT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

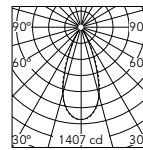
- FA52514801
- FA52514806
- FA52514812
- FA52514818
- FA52514830
- FA52514833

**3000K**

- FA52505301
- FA52505306
- FA52505312
- FA52505318
- FA52505330
- FA52505333

**4000K**

- FA52505201
- FA52505206
- FA52505212
- FA52505218
- FA52505230
- FA52505233

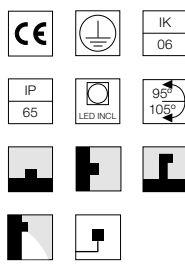
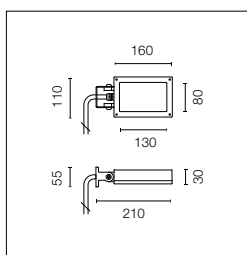


m	Max	Med
1.00	1407	866
2.00	352	216
3.00	156	96
4.00	88	54
5.00	56	35

α = 20.5° + 20.5°      β = 21.3° + 21.3°

@ 4000K

**Perseo 2 Opal**



Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Mattiertes Glas.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Frosted glass.

**Diffused Light**

**Mid-Power Led:** 11W - 1114 lm ≠ OUTPUT 580 lm - 2700K/CRI 80 - 220-240V / 11W - 1198 lm ≠ OUTPUT 624 lm - 3000K/CRI 80 - 220-240V / 11W - 1258 lm ≠ OUTPUT 655 lm - 4000K/CRI 80 - 220-240V

**2700K**

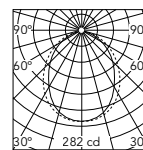
- FA52515001
- FA52515006
- FA52515012
- FA52515018
- FA52515030
- FA52515033

**3000K**

- FA52503301
- FA52503306
- FA52503312
- FA52503318
- FA52503330
- FA52503333

**4000K**

- FA52503201
- FA52503206
- FA52503212
- FA52503218
- FA52503230
- FA52503233



m	Max	Med
1.00	282	94
2.00	70	23
3.00	31	10
4.00	18	6
5.00	11	4

α = 44.0° + 44.0°      β = 50.0° + 50.0°

@ 4000K






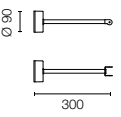

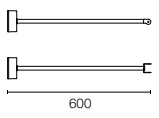

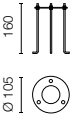

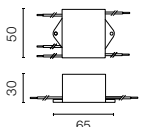
**H 500mm**

- FA17701
- FA17706
- FA17712
- FA17718
- FA17730
- FA17733

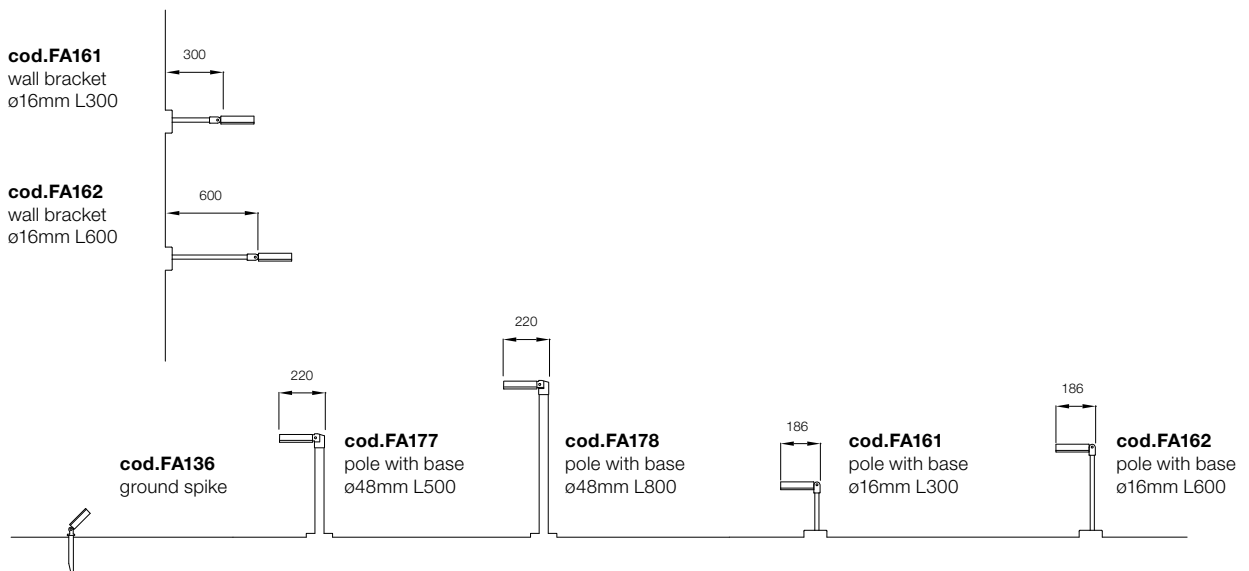
**H 800mm**

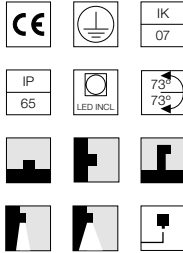
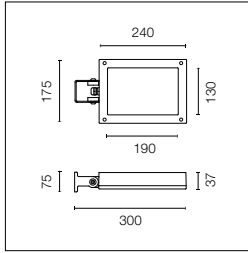
- FA17801
- FA17806
- FA17812
- FA17818
- FA17830
- FA17833

**Perseo 2: Zubehörteile / Accessories**

Erdspieß.	Ground spike.	FA136		
Einzelarm / Pole 300mm.	Wall bracket / Pole 300mm.	<ul style="list-style-type: none"> <li>○ FA16101</li> <li>● FA16106</li> <li>● FA16112</li> <li>● FA16118</li> <li>● FA16130</li> <li>● FA16133</li> </ul>		
Einzelarm / Pole 600mm.	Wall bracket / Pole 600mm.	<ul style="list-style-type: none"> <li>○ FA16201</li> <li>● FA16206</li> <li>● FA16212</li> <li>● FA16218</li> <li>● FA16230</li> <li>● FA16233</li> </ul>		
Stiftschraubenplatte.	Base plate with bolt.	FA182		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

**Installation scheme: Perseo 2**





Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<math>\varnothing</math><math><10</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<math>\varnothing</math><math><10</math> mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

Optic Spot 11°

Power Led: 20W - 2232 lm ≠ OUTPUT 1559 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm ≠ OUTPUT 1732 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1771 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- FA52515201
- FA52515206
- FA52515212
- FA52515218
- FA52515230
- FA52515233

1-10V

- FA52515201-310
- FA52515206-310
- FA52515212-310
- FA52515218-310
- FA52515230-310
- FA52515233-310

Dali

- FA52515201-300
- FA52515206-300
- FA52515212-300
- FA52515218-300
- FA52515230-300
- FA52515233-300

3000K

Non Dimmable

- FA52509301
- FA52509306
- FA52509312
- FA52509318
- FA52509330
- FA52509333

1-10V

- FA52509301-310
- FA52509306-310
- FA52509312-310
- FA52509318-310
- FA52509330-310
- FA52509333-310

Dali

- FA52509301-300
- FA52509306-300
- FA52509312-300
- FA52509318-300
- FA52509330-300
- FA52509333-300

4000K

Non Dimmable

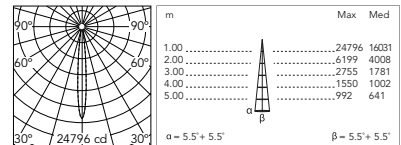
- FA52509201
- FA52509206
- FA52509212
- FA52509218
- FA52509230
- FA52509233

1-10V

- FA52509201-310
- FA52509206-310
- FA52509212-310
- FA52509218-310
- FA52509230-310
- FA52509233-310

Dali

- FA52509201-300
- FA52509206-300
- FA52509212-300
- FA52509218-300
- FA52509230-300
- FA52509233-300



@ 4000K

Optic Medium 34°

Power Led: 20W - 2232 lm ≠ OUTPUT 1582 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm ≠ OUTPUT 1757 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1797 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- FA52515401
- FA52515406
- FA52515412
- FA52515418
- FA52515430
- FA52515433

1-10V

- FA52515401-310
- FA52515406-310
- FA52515412-310
- FA52515418-310
- FA52515430-310
- FA52515433-310

Dali

- FA52515401-300
- FA52515406-300
- FA52515412-300
- FA52515418-300
- FA52515430-300
- FA52515433-300

3000K

Non Dimmable

- FA52508301
- FA52508306
- FA52508312
- FA52508318
- FA52508330
- FA52508333

1-10V

- FA52508301-310
- FA52508306-310
- FA52508312-310
- FA52508318-310
- FA52508330-310
- FA52508333-310

Dali

- FA52508301-300
- FA52508306-300
- FA52508312-300
- FA52508318-300
- FA52508330-300
- FA52508333-300

4000K

Non Dimmable

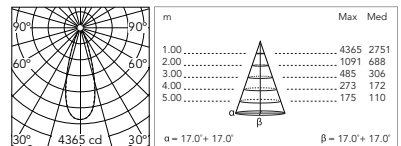
- FA52508201
- FA52508206
- FA52508212
- FA52508218
- FA52508230
- FA52508233

1-10V

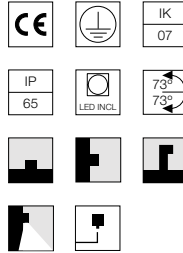
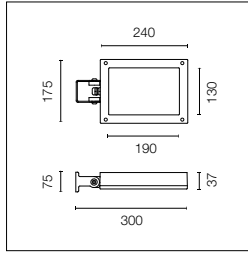
- FA52508201-310
- FA52508206-310
- FA52508212-310
- FA52508218-310
- FA52508230-310
- FA52508233-310

Dali

- FA52508201-300
- FA52508206-300
- FA52508212-300
- FA52508218-300
- FA52508230-300
- FA52508233-300



@ 4000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<math>\phi</math><math><10</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<math>\phi</math><math><10</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

Asymmetric Optic

Power Led: 20W - 2232 lm  $\neq$  OUTPUT 1168 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm  $\neq$  OUTPUT 1298 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm  $\neq$  OUTPUT 1327 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- FA52515601
- FA52515606
- FA52515612
- FA52515618
- FA52515630
- FA52515633
- 1-10V
- FA52515601-310
- FA52515606-310
- FA52515612-310
- FA52515618-310
- FA52515630-310
- FA52515633-310

Dali

- FA52515601-300
- FA52515606-300
- FA52515612-300
- FA52515618-300
- FA52515630-300
- FA52515633-300

3000K

Non Dimmable

- FA52506301
- FA52506306
- FA52506312
- FA52506318
- FA52506330
- FA52506333
- 1-10V
- FA52506301-310
- FA52506306-310
- FA52506312-310
- FA52506318-310
- FA52506330-310
- FA52506333-310

Dali

- FA52506301-300
- FA52506306-300
- FA52506312-300
- FA52506318-300
- FA52506330-300
- FA52506333-300

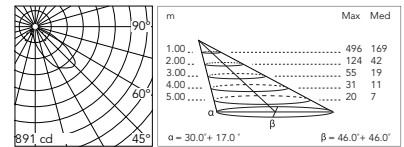
4000K

Non Dimmable

- FA52506201
- FA52506206
- FA52506212
- FA52506218
- FA52506230
- FA52506233
- 1-10V
- FA52506201-310
- FA52506206-310
- FA52506212-310
- FA52506218-310
- FA52506230-310
- FA52506233-310

Dali

- FA52506201-300
- FA52506206-300
- FA52506212-300
- FA52506218-300
- FA52506230-300
- FA52506233-300



@ 4000K

Street Light 120°

Power Led: 20W - 2232 lm  $\neq$  OUTPUT 972 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm  $\neq$  OUTPUT 1080 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm  $\neq$  OUTPUT 1105 lm - 4000K/CRI 80 - 220-240V

2700K

Non Dimmable

- FA52515801
- FA52515806
- FA52515812
- FA52515818
- FA52515830
- FA52515833
- 1-10V
- FA52515801-310
- FA52515806-310
- FA52515812-310
- FA52515818-310
- FA52515830-310
- FA52515833-310

Dali

- FA52515801-300
- FA52515806-300
- FA52515812-300
- FA52515818-300
- FA52515830-300
- FA52515833-300

3000K

Non Dimmable

- FA52507301
- FA52507306
- FA52507312
- FA52507318
- FA52507330
- FA52507333
- 1-10V
- FA52507301-310
- FA52507306-310
- FA52507312-310
- FA52507318-310
- FA52507330-310
- FA52507333-310

Dali

- FA52507301-300
- FA52507306-300
- FA52507312-300
- FA52507318-300
- FA52507330-300
- FA52507333-300

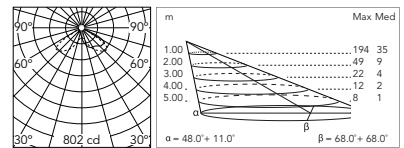
4000K

Non Dimmable

- FA52507201
- FA52507206
- FA52507212
- FA52507218
- FA52507230
- FA52507233
- 1-10V
- FA52507201-310
- FA52507206-310
- FA52507212-310
- FA52507218-310
- FA52507230-310
- FA52507233-310

Dali

- FA52507201-300
- FA52507206-300
- FA52507212-300
- FA52507218-300
- FA52507230-300
- FA52507233-300



@ 4000K

## Perseo 3 LED / Ø 48mm - Poles

Mit Boden. / With Base



### H 800mm

- FA17901
- FA17906
- FA17912
- FA17918
- FA17930
- FA17933

Bodeneinbau (+300 mm Wurzel)

Da Interrare (+300 mm Interrati)



### H 2000mm

- FA18001
- FA18006
- FA18012
- FA18018
- FA18030
- FA18033

## Perseo 3 LED / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.  
With Terminal Block 4x1,5-16mmq.



### H 3500mm

- FA24806
- FA24833

### H 4500mm

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



### H 3500mm

- FA25006
- FA25033

### H 4500mm

- FA25106
- FA25133

## Perseo 3 LED / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



### H 4000mm

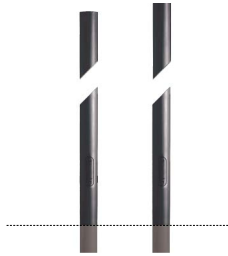
- FA414006
- FA414033

### H 5000mm

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



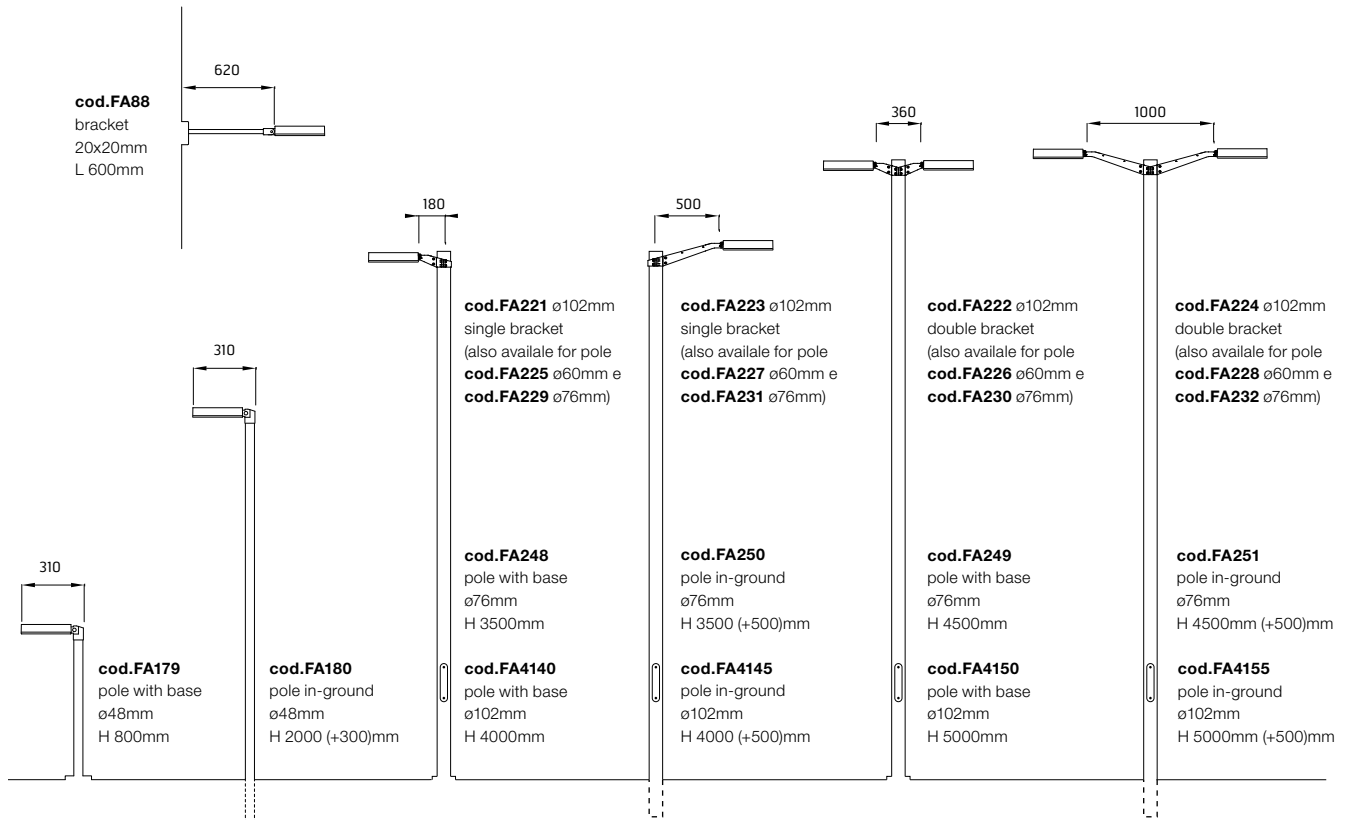
### H 4000mm

- FA414506
- FA414533

### H 5000mm

- FA415506
- FA415533

## Installation scheme: Perseo 3

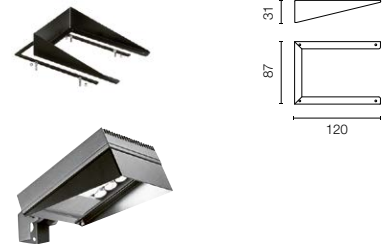


## Perseo 3: Zubehörteile / Accessories

Wall-Washer Visier

Wall Washer Visor

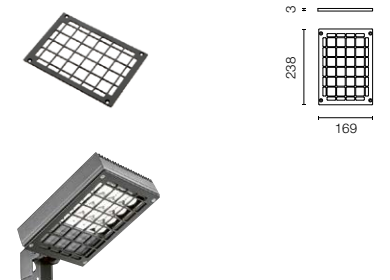
FA16530




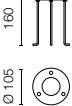

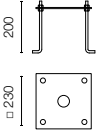

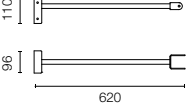
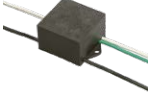
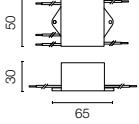
Anti-Vandalismus-  
Außendeckel

Anti vandal louvre

FA16630



### Perseo 3: Zubehörteile / Accessories

Stiftschraubenplatte.	Base plate with bolt.	FA182		
Stiftschraubenplatte.	Base plate with bolt.	FA116		
Arm für Wand 620 mm.	Wall bracket 620mm.	<ul style="list-style-type: none"> <li>○ FA8801</li> <li>● FA8806</li> <li>● FA8812</li> <li>● FA8818</li> <li>● FA8830</li> <li>● FA8833</li> </ul>		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

### Perseo 3 Ø 60mm

Einzelarm 180 mm. Für Pfosten Ø 60 mm.	Single bracket 180mm. For pole Ø 60mm.	<ul style="list-style-type: none"> <li>● FA22506</li> <li>● FA22533</li> </ul>		
Doppelarm 180 mm. Für Pfosten Ø 60 mm.	Double bracket 180mm. For pole Ø 60mm.	<ul style="list-style-type: none"> <li>● FA22606</li> <li>● FA22633</li> </ul>		
Einzelarm 500 mm. Für Pfosten Ø 60 mm.	Single bracket 500mm. For pole Ø 60mm.	<ul style="list-style-type: none"> <li>● FA22706</li> <li>● FA22733</li> </ul>		
Doppelarm 500 mm. Für Pfosten Ø 60 mm.	Double bracket 500mm. For pole Ø 60mm.	<ul style="list-style-type: none"> <li>● FA22806</li> <li>● FA22833</li> </ul>		

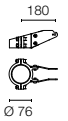


## Perseo 3 Ø 76mm

Einzelarm 180 mm.  
Für Pfosten Ø 76 mm.

Single bracket 180mm.  
For pole Ø 76mm.

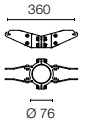
● FA22906  
● FA22933



Doppelarm 180 mm.  
Für Pfosten Ø 76 mm.

Double bracket 180mm.  
For pole Ø 76mm.

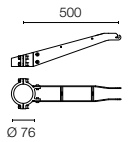
● FA23006  
● FA23033



Einzelarm 500 mm.  
Für Pfosten Ø 76 mm.

Single bracket 500mm.  
For pole Ø 76mm.

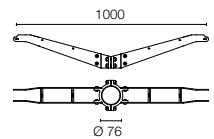
● FA23106  
● FA23133



Doppelarm 500 mm.  
Für Pfosten Ø 76 mm.

Double bracket 500mm.  
For pole Ø 76mm.

● FA23206  
● FA23233

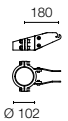


## Perseo 3 Ø 102mm

Einzelarm 180 mm.  
Für Pfosten Ø 102 mm.

Single bracket 180mm.  
For pole Ø 102mm.

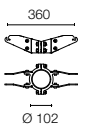
● FA22106  
● FA22133



Doppelarm 180 mm.  
Für Pfosten Ø 102 mm.

Double bracket 180mm.  
For pole Ø 102mm.

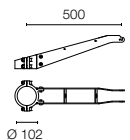
● FA22206  
● FA22233



Einzelarm 500 mm.  
Für Pfosten Ø 102 mm.

Single bracket 500mm.  
For pole Ø 102mm.

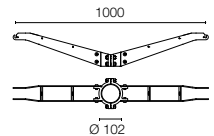
● FA22306  
● FA22333

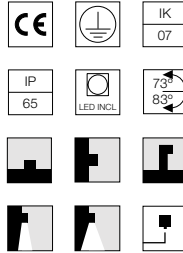
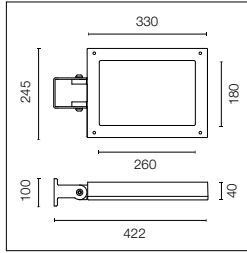


Doppelarm 500 mm.  
Für Pfosten Ø 102 mm.

Double bracket 500mm.  
For pole Ø 102mm.

● FA22406  
● FA22433





Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<math>\phi</math><math><13</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<math>\phi</math><math><13</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic Spot 11°**

**Power Led:** 53W - 5859 lm  $\neq$  OUTPUT 3989 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm  $\neq$  OUTPUT 4332 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm  $\neq$  OUTPUT 4533 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- FA52516001
- FA52516006
- FA52516012
- FA52516018
- FA52516030
- FA52516033
- 1-10V
- FA52516001-310
- FA52516006-310
- FA52516012-310
- FA52516018-310
- FA52516030-310
- FA52516033-310

Dali

- FA52516001-300
- FA52516006-300
- FA52516012-300
- FA52516018-300
- FA52516030-300
- FA52516033-300

**3000K**

Non Dimmable

- FA52513301
- FA52513306
- FA52513312
- FA52513318
- FA52513330
- FA52513333
- 1-10V
- FA52513301-310
- FA52513306-310
- FA52513312-310
- FA52513318-310
- FA52513330-310
- FA52513333-310

Dali

- FA52513301-300
- FA52513306-300
- FA52513312-300
- FA52513318-300
- FA52513330-300
- FA52513333-300

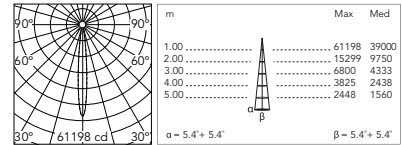
**4000K**

Non Dimmable

- FA52513201
- FA52513206
- FA52513212
- FA52513218
- FA52513230
- FA52513233
- 1-10V
- FA52513201-310
- FA52513206-310
- FA52513212-310
- FA52513218-310
- FA52513230-310
- FA52513233-310

Dali

- FA52513201-300
- FA52513206-300
- FA52513212-300
- FA52513218-300
- FA52513230-300
- FA52513233-300



@ 4000K

**Optic Medium 34°**

**Power Led:** 53W - 5859 lm  $\neq$  OUTPUT 4056 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm  $\neq$  OUTPUT 4405 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm  $\neq$  OUTPUT 4609 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- FA52516201
- FA52516206
- FA52516212
- FA52516218
- FA52516230
- FA52516233
- 1-10V
- FA52516201-310
- FA52516206-310
- FA52516212-310
- FA52516218-310
- FA52516230-310
- FA52516233-310

Dali

- FA52516201-300
- FA52516206-300
- FA52516212-300
- FA52516218-300
- FA52516230-300
- FA52516233-300

**3000K**

Non Dimmable

- FA52512301
- FA52512306
- FA52512312
- FA52512318
- FA52512330
- FA52512333
- 1-10V
- FA52512301-310
- FA52512306-310
- FA52512312-310
- FA52512318-310
- FA52512330-310
- FA52512333-310

Dali

- FA52512301-300
- FA52512306-300
- FA52512312-300
- FA52512318-300
- FA52512330-300
- FA52512333-300

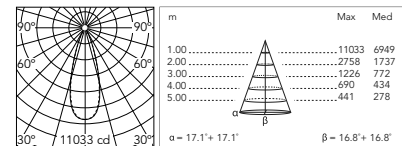
**4000K**

Non Dimmable

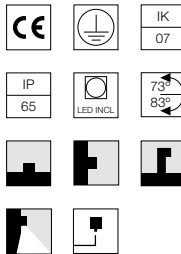
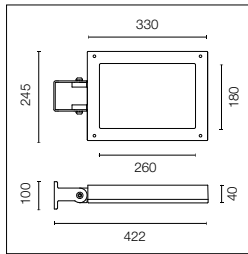
- FA52512201
- FA52512206
- FA52512212
- FA52512218
- FA52512230
- FA52512233
- 1-10V
- FA52512201-310
- FA52512206-310
- FA52512212-310
- FA52512218-310
- FA52512230-310
- FA52512233-310

Dali

- FA52512201-300
- FA52512206-300
- FA52512212-300
- FA52512218-300
- FA52512230-300
- FA52512233-300



@ 4000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm- $\phi$ <13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON-OFF and dimmable 1-10V or DALI. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm- $\phi$ <13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

2200K auf Anfrage erhältlich.

2200K available on request.

**Asymmetric Optic**

**Power Led:** 53W - 5859 lm  $\neq$  OUTPUT 3085 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm  $\neq$  OUTPUT 3350 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm  $\neq$  OUTPUT 3505 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- FA52516401
- FA52516406
- FA52516412
- FA52516418
- FA52516430
- FA52516433
- 1-10V
- FA52516401-310
- FA52516406-310
- FA52516412-310
- FA52516418-310
- FA52516430-310
- FA52516433-310

Dali

- FA52516401-300
- FA52516406-300
- FA52516412-300
- FA52516418-300
- FA52516430-300
- FA52516433-300

**3000K**

Non Dimmable

- FA52510301
- FA52510306
- FA52510312
- FA52510318
- FA52510330
- FA52510333
- 1-10V
- FA52510301-310
- FA52510306-310
- FA52510312-310
- FA52510318-310
- FA52510330-310
- FA52510333-310

Dali

- FA52510301-300
- FA52510306-300
- FA52510312-300
- FA52510318-300
- FA52510330-300
- FA52510333-300

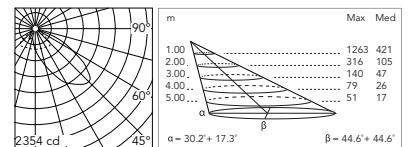
**4000K**

Non Dimmable

- FA52510201
- FA52510206
- FA52510212
- FA52510218
- FA52510230
- FA52510233
- 1-10V
- FA52510201-310
- FA52510206-310
- FA52510212-310
- FA52510218-310
- FA52510230-310
- FA52510233-310

Dali

- FA52510201-300
- FA52510206-300
- FA52510212-300
- FA52510218-300
- FA52510230-300
- FA52510233-300



@ 4000K

**Street Light 120°**

**Power Led:** 53W - 5859 lm  $\neq$  OUTPUT 2609 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm  $\neq$  OUTPUT 2834 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm  $\neq$  OUTPUT 2965 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- FA52516601
- FA52516606
- FA52516612
- FA52516618
- FA52516630
- FA52516633
- 1-10V
- FA52516601-310
- FA52516606-310
- FA52516612-310
- FA52516618-310
- FA52516630-310
- FA52516633-310

Dali

- FA52516601-300
- FA52516606-300
- FA52516612-300
- FA52516618-300
- FA52516630-300
- FA52516633-300

**3000K**

Non Dimmable

- FA52511301
- FA52511306
- FA52511312
- FA52511318
- FA52511330
- FA52511333
- 1-10V
- FA52511301-310
- FA52511306-310
- FA52511312-310
- FA52511318-310
- FA52511330-310
- FA52511333-310

Dali

- FA52511301-300
- FA52511306-300
- FA52511312-300
- FA52511318-300
- FA52511330-300
- FA52511333-300

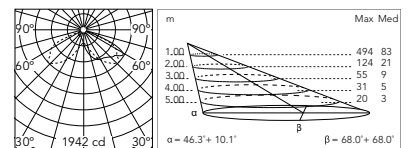
**4000K**

Non Dimmable

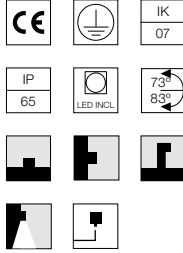
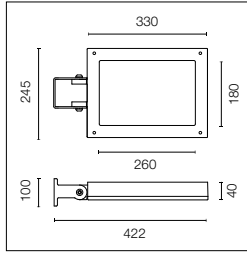
- FA52511201
- FA52511206
- FA52511212
- FA52511218
- FA52511230
- FA52511233
- 1-10V
- FA52511201-310
- FA52511206-310
- FA52511212-310
- FA52511218-310
- FA52511230-310
- FA52511233-310

Dali

- FA52511201-300
- FA52511206-300
- FA52511212-300
- FA52511218-300
- FA52511230-300
- FA52511233-300



@ 4000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<math>\phi</math><math><13</math> mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<math>\phi</math><math><13</math>mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

**Kabeldiagramm und RGB-System-Installation.**

Siehe Kabeldiagramm Nr. 8, Seite 833.

**Wiring diagram and installation scheme RGB.**

See Wiring Diagram n.8 Page 833.

**Optic Medium 40°**

**RGB Power Led:** 35W - 220-240V with DMX interface.

**RGB**

- FA52512401
- FA52512406
- FA52512412
- FA52512418
- FA52512430
- FA52512433

## Perseo 4 LED / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.  
With Terminal Block 4x1,5-16mmq.



### H 3500mm

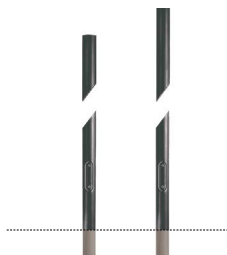
- FA24806
- FA24833

### H 4500mm

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



### H 3500mm

- FA25006
- FA25033

### H 4500mm

- FA25106
- FA25133

## Perseo 4 LED / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



### H 4000mm

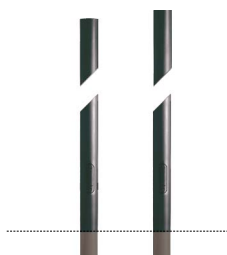
- FA414006
- FA414033

### H 5000mm

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



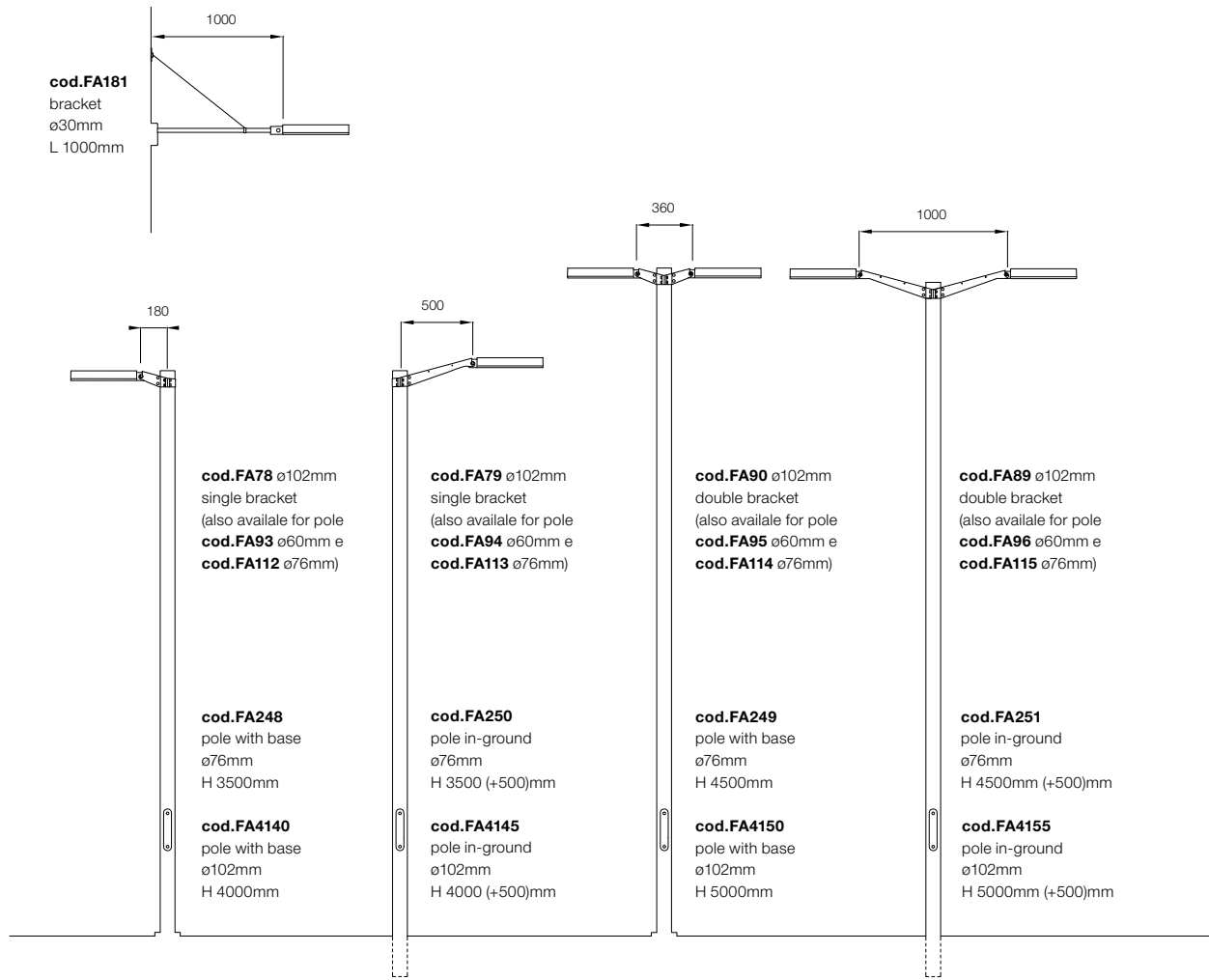
### H 4000mm

- FA414506
- FA414533


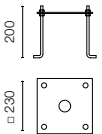

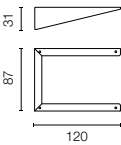

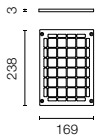

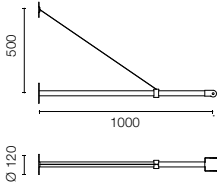

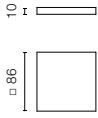

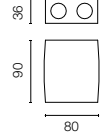

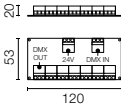


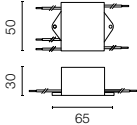
### H 5000mm

- FA415506
- FA415533

Installation scheme: Perseo 4



## Perseo 4: Zubehörteile / Accessories

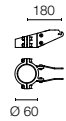
Stiftschraubenplatte.	Base plate with bolt.	FA116		
Wall-Washer Visier	Wall Washer Visor	FA16730		
Anti-Vandalismus- Außendeckel	Anti vandal louvre	FA16830		
Arm für Wand 1000 mm.	Wall bracket 1000mm.	<ul style="list-style-type: none"> <li>○ FA18101</li> <li>● FA18106</li> <li>● FA18112</li> <li>● FA18118</li> <li>● FA18130</li> <li>● FA18133</li> </ul>		
DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte).	DMX controller; dimmer switch for recessed box (60mm hole centres).	RGB version F990B10A000		
DMX Controller; Stand-Alone/PC- Schnittstelle.	DMX controller; stand-alone/PC interface.	RGB version F990B11A000		
DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12- 24 V Gleichstrom. Stromversorgung nicht enthalten.	DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included.	RGB version F990B13A000		
Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm).	DMX cable - shielded twisted pair with 110 Ohm constant impedance.	RGB version F990B12A000		
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.	Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.	F990E00A000		

## Perseo 4 Ø 60mm

Einzelarm 180 mm.  
Für Pfosten Ø 60 mm.

Single bracket 180mm.  
For pole Ø 60mm.

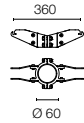
- FA9306
- FA9333



Doppelarm 180 mm.  
Für Pfosten Ø 60 mm.

Double bracket 180mm.  
For pole Ø 60mm.

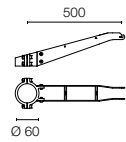
- FA9506
- FA9533



Einzelarm 500 mm.  
Für Pfosten Ø 60 mm.

Single bracket 500mm.  
For pole Ø 60mm.

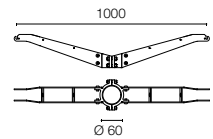
- FA9406
- FA9433



Doppelarm 500 mm.  
Für Pfosten Ø 60 mm.

Double bracket 500mm.  
For pole Ø 60mm.

- FA9606
- FA9633

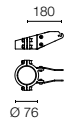


## Perseo 4 Ø 76mm

Einzelarm 180 mm.  
Für Pfosten Ø 76 mm.

Single bracket 180mm.  
For pole Ø 76mm.

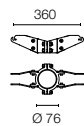
- FA11206
- FA11233



Doppelarm 180 mm.  
Für Pfosten Ø 76 mm.

Double bracket 180mm.  
For pole Ø 76mm.

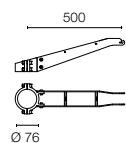
- FA11406
- FA11433



Einzelarm 500 mm.  
Für Pfosten Ø 76 mm.

Single bracket 500mm.  
For pole Ø 76mm.

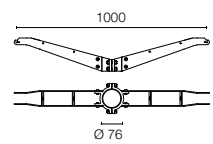
- FA11306
- FA11333



Doppelarm 500 mm.  
Für Pfosten Ø 76 mm.

Double bracket 500mm.  
For pole Ø 76mm.

- FA11506
- FA11533



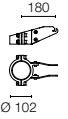


## Perseo 4 Ø 102mm

Einzelarm 180 mm.  
Für Pfosten Ø 102 mm.

Single bracket 180mm.  
For pole Ø 102mm.

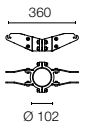
- FA7806
- FA7833



Doppelarm 180 mm.  
Für Pfosten Ø 102 mm.

Double bracket 180mm.  
For pole Ø 102mm.

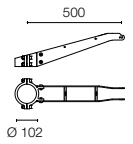
- FA9006
- FA9033



Einzelarm 500 mm.  
Für Pfosten Ø 102 mm.

Single bracket 500mm.  
For pole Ø 102mm.

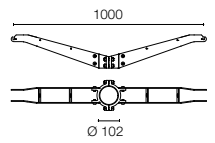
- FA7906
- FA7933



Doppelarm 500 mm.  
Für Pfosten Ø 102 mm.

Double bracket 500mm.  
For pole Ø 102mm.

- FA8906
- FA8933



**Dooku**







## Familie / Family

Dooku 400 Wall



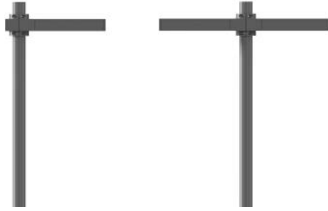
### Power Led

up to 39W  
up to 2946 lm - 2700K/CRI 80  
up to 3168 lm - 3000K/CRI 80  
up to 3374 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Dooku 400 Pole/Double Pole Ø76



### Power Led

up to 39W  
up to 3389 lm - 2700K/CRI 80  
up to 3631 lm - 3000K/CRI 80  
up to 3752 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

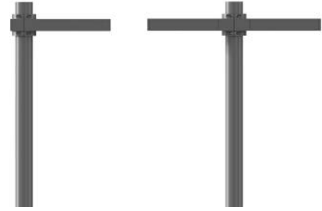
### Power Led

up to 2x39W  
up to 2x3389 lm - 2700K/CRI 80  
up to 2x3631 lm - 3000K/CRI 80  
up to 2x3752 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Dooku 400 Pole/Double Pole Ø102



### Power Led

up to 39W  
up to 3389 lm - 2700K/CRI 80  
up to 3631 lm - 3000K/CRI 80  
up to 3752 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

### Power Led

up to 2x39W  
up to 2x3389 lm - 2700K/CRI 80  
up to 2x3631 lm - 3000K/CRI 80  
up to 2x3752 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Dooku 600 Pole/Double Pole Ø76



### Power Led

up to 78W  
up to 6779 lm - 2700K/CRI 80  
up to 7263 lm - 3000K/CRI 80  
up to 7505 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

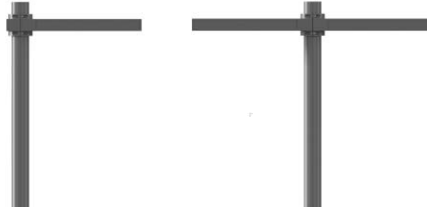
### Power Led

up to 2x78W  
up to 2x6779 lm - 2700K/CRI 80  
up to 2x7263 lm - 3000K/CRI 80  
up to 2x7505 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

Dooku 600 Pole/Double Pole Ø102



### Power Led

up to 78W  
up to 6779 lm - 2700K/CRI 80  
up to 7263 lm - 3000K/CRI 80  
up to 7505 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

### Power Led

up to 2x78W  
up to 2x6779 lm - 2700K/CRI 80  
up to 2x7263 lm - 3000K/CRI 80  
up to 2x7505 lm - 4000K/CRI 80

\* Net lumen output

2200K available on request.

## Ausführungen / Colours



06 Grey



33 Anthracite

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wandmontage und Installation als Mast. Erhältlich in zwei Längen und mit verschiedenen Optiken für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse und Verschlüsse aus stranggepresstem Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Extraklarer Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Ausgestattet mit einem Neoprenkabel und einem IP68-Anschluss, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten.

### **Dooku 400 Wall**

Neigbare Projektionsleuchten zur Wandmontage. Erhältlich in zwei Abstrahlwinkeln: symmetrisch und asymmetrisch für öffentliche, private und städtische Bereiche, offene Bereiche und Parkhäuser. Ausgestattet mit einem Neoprenkabel und einem IP68-Anschluss, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten. Der Befestigungsbügel aus Zink ermöglicht eine Neigung um ca. 90° auf der vertikalen Achse.

### **Dooku 400 / 600 Top Pole**

Mast-Leuchten zur Montage auf Pfosten. Erhältlich in zwei Längen, mit unterschiedlicher Leistung und vier Abstrahlwinkeln: symmetrisch, asymmetrisch, städtischer Standard-Lichtstrahl und ein spezieller städtischer Lichtstrahl für Fußgänger- und Fahrradwege im städtischen Umfeld. Ausgestattet mit einem Neoprenkabel und IP68-Anschlüssen, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten. Vervollständigt durch eine Reihe von Zylinderpfosten in verschiedenen Durchmessern und Höhen, die versenkt oder mit einer Ankerplatte und Zugschrauben befestigt werden können.

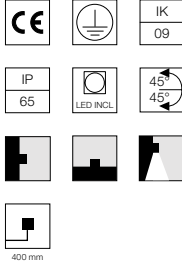
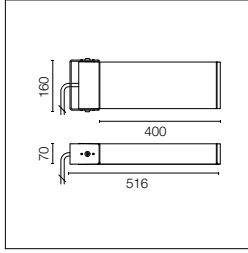
Complete family of tiltable projection luminaires with LED source for wall mounting and installation on masts. Available in two lengths and with different optics for every dimension, including optics for urban uses. Extruded EN AB-47100 die cast aluminum body and closing parts (with low copper content). Extraclear glass diffuser with silkscreen edge, attached with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. Equipped with a neoprene cable section and IP68 connector to guarantee an easy, safe, and watertight connection.

### **Dooku 400 Wall**

Tiltable projection luminaires for wall mounting. Available with two beam angles: symmetrical and asymmetrical for public, private, and urban areas, open spaces, or parking lots. Equipped with a neoprene cable section and IP68 connector to guarantee an easy, safe, and watertight connection. The zinc fixing bracket allows for a tilting of approx. 90° on the vertical axis.

### **Dooku 400 / 600 Top Pole**

Mast luminaires for mounting on poles. Available in two lengths, with different output and four beam angles: symmetrical, asymmetrical, urban standard beam and a specific urban beam for pedestrian and bicycle lanes in urban contexts. Equipped with a neoprene cable section and IP68 connectors to guarantee an easy, safe, and watertight connection. Completed with a series of cylinder posts in different diameters and heights that can be ground recessed or fixed with an anchor plate and lag screws.



Inklusive LED-Quelle.  
Integrierte Stromversorgung  
220-240 V ON/OFF und  
dimmbar 1-10 V oder DALI.  
Inklusive Befestigungsbügel.  
Ausgestattet mit einem 400 mm  
überstehenden Neoprenkabel  
und IP68-Anschlüssen.  
Smart-City-Version auf Anfrage  
erhältlich.

LED source included. Integrated  
power supply 220-240V ON/  
OFF and dimmable 1-10V or  
DALI. Fixing bracket included.  
Equipped with a 400mm  
protruding neoprene cable  
section and IP68 connectors.  
Smart-City version available  
upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

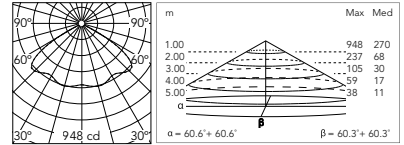
- Non Dimmable
- FA53907606
- FA53907633
- 1-10V
- FA53907606-310
- FA53907633-310
- Dali
- FA53907606-300
- FA53907633-300

**3000K**

- Non Dimmable
- FA53907506
- FA53907533
- 1-10V
- FA53907506-310
- FA53907533-310
- Dali
- FA53907506-300
- FA53907533-300

**4000K**

- Non Dimmable
- FA53907406
- FA53907433
- 1-10V
- FA53907406-310
- FA53907433-310
- Dali
- FA53907406-300
- FA53907433-300



@ 3000K

**Asymmetric Optic**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

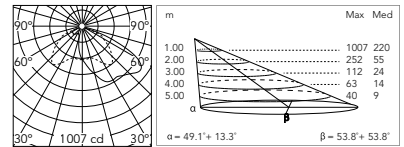
- Non Dimmable
- FA53913006
- FA53913033
- 1-10V
- FA53913006-310
- FA53913033-310
- Dali
- FA53913006-300
- FA53913033-300

**3000K**

- Non Dimmable
- FA53914806
- FA53914833
- 1-10V
- FA53914806-310
- FA53914833-310
- Dali
- FA53914806-300
- FA53914833-300

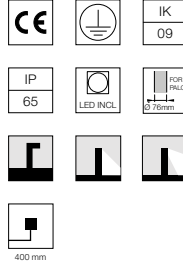
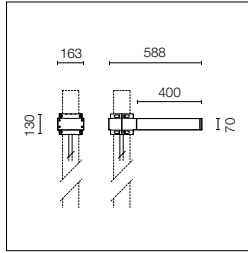
**4000K**

- Non Dimmable
- FA53916606
- FA53916633
- 1-10V
- FA53916606-310
- FA53916633-310
- Dali
- FA53916606-300
- FA53916633-300



@ 3000K





Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Single socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53907806
- FA53907833
- 1-10V
- FA53907806-310
- FA53907833-310
- Dali
- FA53907806-300
- FA53907833-300

**3000K**

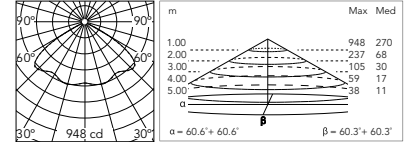
Non Dimmable

- FA53903906
- FA53903933
- 1-10V
- FA53903906-310
- FA53903933-310
- Dali
- FA53903906-300
- FA53903933-300

**4000K**

Non Dimmable

- FA53903806
- FA53903833
- 1-10V
- FA53903806-310
- FA53903833-310
- Dali
- FA53903806-300
- FA53903833-300



@ 3000K

**Asymmetric Optic**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53913206
- FA53913233
- 1-10V
- FA53913206-310
- FA53913233-310
- Dali
- FA53913206-300
- FA53913233-300

**3000K**

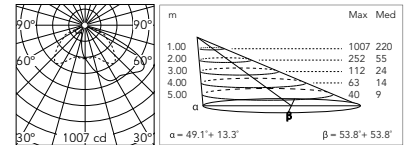
Non Dimmable

- FA53915006
- FA53915033
- 1-10V
- FA53915006-310
- FA53915033-310
- Dali
- FA53915006-300
- FA53915033-300

**4000K**

Non Dimmable

- FA53916806
- FA53916833
- 1-10V
- FA53916806-310
- FA53916833-310
- Dali
- FA53916806-300
- FA53916833-300



@ 3000K

**Street Light Optic**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53908006
- FA53908033
- 1-10V
- FA53908006-310
- FA53908033-310
- Dali
- FA53908006-300
- FA53908033-300

**3000K**

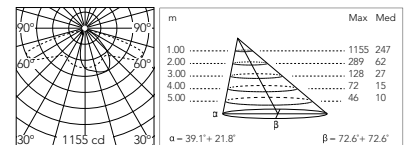
Non Dimmable

- FA53904206
- FA53904233
- 1-10V
- FA53904206-310
- FA53904233-310
- Dali
- FA53904206-300
- FA53904233-300

**4000K**

Non Dimmable

- FA53904106
- FA53904133
- 1-10V
- FA53904106-310
- FA53904133-310
- Dali
- FA53904106-300
- FA53904133-300



@ 3000K

**Street Light Optic (Foot and Cycle Paths)**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53908206
- FA53908233
- 1-10V
- FA53908206-310
- FA53908233-310
- Dali
- FA53908206-300
- FA53908233-300

**3000K**

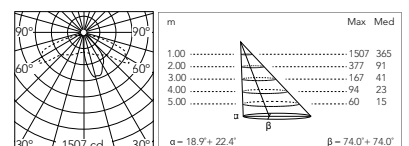
Non Dimmable

- FA53904506
- FA53904533
- 1-10V
- FA53904506-310
- FA53904533-310
- Dali
- FA53904506-300
- FA53904533-300

**4000K**

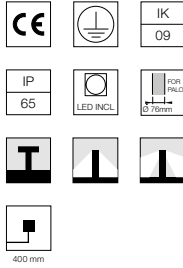
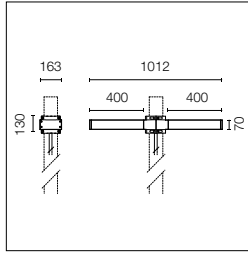
Non Dimmable

- FA53904406
- FA53904433
- 1-10V
- FA53904406-310
- FA53904433-310
- Dali
- FA53904406-300
- FA53904433-300



@ 3000K

# Dooku 400 - Double Top Pole ø76



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

2200K auf Anfrage erhältlich.

2200K available on request.

## Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3752 lm - 4000K/CRI 80 - 220÷240V

### 2700K

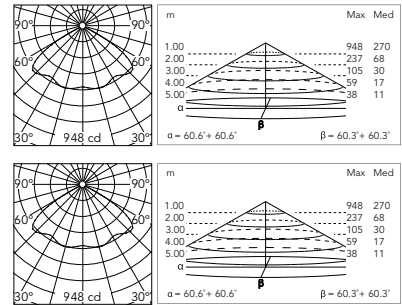
- Non Dimmable
- FA53908406
- FA53908433
- 1-10V
- FA53908406-310
- FA53908433-310
- Dali
- FA53908406-300
- FA53908433-300

### 3000K

- Non Dimmable
- FA53904806
- FA53904833
- 1-10V
- FA53904806-310
- FA53904833-310
- Dali
- FA53904806-300
- FA53904833-300

### 4000K

- Non Dimmable
- FA53904706
- FA53904733
- 1-10V
- FA53904706-310
- FA53904733-310
- Dali
- FA53904706-300
- FA53904733-300



@ 3000K

## Asymmetric Optic

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3513 lm - 4000K/CRI 80 - 220÷240V

### 2700K

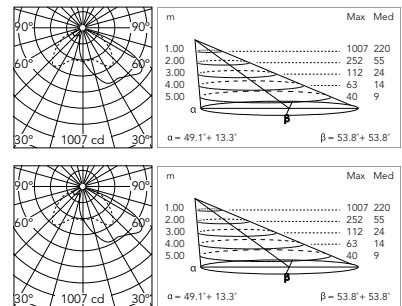
- Non Dimmable
- FA53913406
- FA53913433
- 1-10V
- FA53913406-310
- FA53913433-310
- Dali
- FA53913406-300
- FA53913433-300

### 3000K

- Non Dimmable
- FA53915206
- FA53915233
- 1-10V
- FA53915206-310
- FA53915233-310
- Dali
- FA53915206-300
- FA53915233-300

### 4000K

- Non Dimmable
- FA53917006
- FA53917033
- 1-10V
- FA53917006-310
- FA53917033-310
- Dali
- FA53917006-300
- FA53917033-300



@ 3000K

## Street Light Optic

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3434 lm - 4000K/CRI 80 - 220÷240V

### 2700K

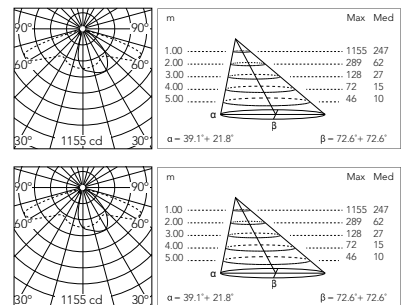
- Non Dimmable
- FA53908606
- FA53908633
- 1-10V
- FA53908606-310
- FA53908633-310
- Dali
- FA53908606-300
- FA53908633-300

### 3000K

- Non Dimmable
- FA53905106
- FA53905133
- 1-10V
- FA53905106-310
- FA53905133-310
- Dali
- FA53905106-300
- FA53905133-300

### 4000K

- Non Dimmable
- FA53905006
- FA53905033
- 1-10V
- FA53905006-310
- FA53905033-310
- Dali
- FA53905006-300
- FA53905033-300



@ 3000K

## Street Light Optic (Foot and Cycle Paths)

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3466 lm - 4000K/CRI 80 - 220÷240V

### 2700K

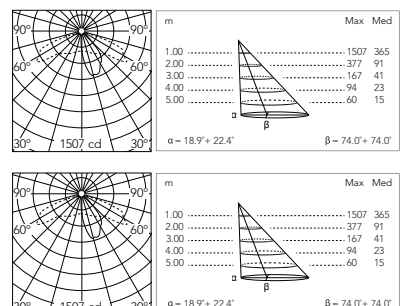
- Non Dimmable
- FA53908806
- FA53908833
- 1-10V
- FA53908806-310
- FA53908833-310
- Dali
- FA53908806-300
- FA53908833-300

### 3000K

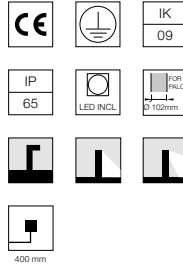
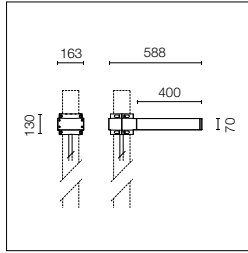
- Non Dimmable
- FA53905406
- FA53905433
- 1-10V
- FA53905406-310
- FA53905433-310
- Dali
- FA53905406-300
- FA53905433-300

### 4000K

- Non Dimmable
- FA53905306
- FA53905333
- 1-10V
- FA53905306-310
- FA53905333-310
- Dali
- FA53905306-300
- FA53905333-300



@ 3000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request. The post must be ordered separately. Smart-City version available upon request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53909006
- FA53909033
- 1-10V
- FA53909006-310
- FA53909033-310
- Dali
- FA53909006-300
- FA53909033-300

**3000K**

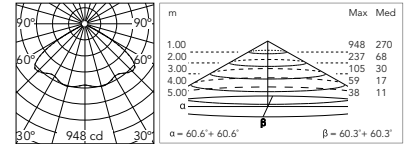
Non Dimmable

- FA53905706
- FA53905733
- 1-10V
- FA53905706-310
- FA53905733-310
- Dali
- FA53905706-300
- FA53905733-300

**4000K**

Non Dimmable

- FA53905606
- FA53905633
- 1-10V
- FA53905606-310
- FA53905633-310
- Dali
- FA53905606-300
- FA53905633-300



@ 3000K

**Asymmetric Optic**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53913606
- FA53913633
- 1-10V
- FA53913606-310
- FA53913633-310
- Dali
- FA53913606-300
- FA53913633-300

**3000K**

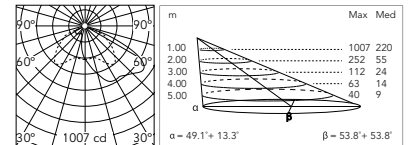
Non Dimmable

- FA53915406
- FA53915433
- 1-10V
- FA53915406-310
- FA53915433-310
- Dali
- FA53915406-300
- FA53915433-300

**4000K**

Non Dimmable

- FA53917206
- FA53917233
- 1-10V
- FA53917206-310
- FA53917233-310
- Dali
- FA53917206-300
- FA53917233-300



@ 3000K

**Street Light Optic**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53909206
- FA53909233
- 1-10V
- FA53909206-310
- FA53909233-310
- Dali
- FA53909206-300
- FA53909233-300

**3000K**

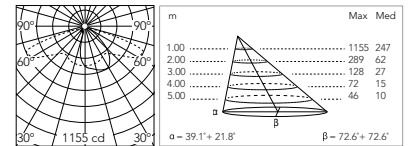
Non Dimmable

- FA53906006
- FA53906033
- 1-10V
- FA53906006-310
- FA53906033-310
- Dali
- FA53906006-300
- FA53906033-300

**4000K**

Non Dimmable

- FA53905906
- FA53905933
- 1-10V
- FA53905906-310
- FA53905933-310
- Dali
- FA53905906-300
- FA53905933-300



@ 3000K

**Street Light Optic (Foot and Cycle Paths)**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53909406
- FA53909433
- 1-10V
- FA53909406-310
- FA53909433-310
- Dali
- FA53909406-300
- FA53909433-300

**3000K**

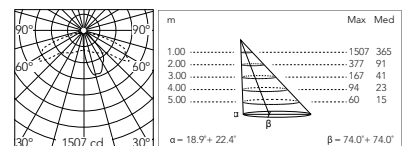
Non Dimmable

- FA53906306
- FA53906333
- 1-10V
- FA53906306-310
- FA53906333-310
- Dali
- FA53906306-300
- FA53906333-300

**4000K**

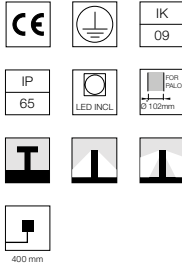
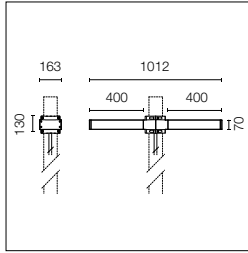
Non Dimmable

- FA53906206
- FA53906233
- 1-10V
- FA53906206-310
- FA53906233-310
- Dali
- FA53906206-300
- FA53906233-300



@ 3000K

# Dooku 400 - Double Top Pole ø102



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

## Optic 120° (Wide Spaces - Public Areas - Parking Areas)

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3752 lm - 4000K/CRI 80 - 220÷240V

### 2700K

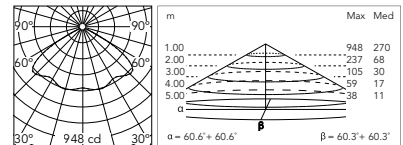
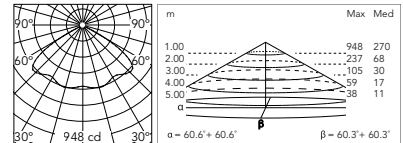
- Non Dimmable
- FA53909606
- FA53909633
- 1-10V
- FA53909606-310
- FA53909633-310
- Dali
- FA53909606-300
- FA53909633-300

### 3000K

- Non Dimmable
- FA53906606
- FA53906633
- 1-10V
- FA53906606-310
- FA53906633-310
- Dali
- FA53906606-300
- FA53906633-300

### 4000K

- Non Dimmable
- FA53906506
- FA53906533
- 1-10V
- FA53906506-310
- FA53906533-310
- Dali
- FA53906506-300
- FA53906533-300



@ 3000K

## Asymmetric Optic

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3513 lm - 4000K/CRI 80 - 220÷240V

### 2700K

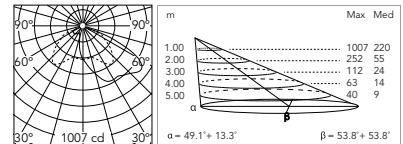
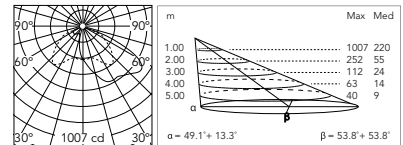
- Non Dimmable
- FA53913806
- FA53913833
- 1-10V
- FA53913806-310
- FA53913833-310
- Dali
- FA53913806-300
- FA53913833-300

### 3000K

- Non Dimmable
- FA53915606
- FA53915633
- 1-10V
- FA53915606-310
- FA53915633-310
- Dali
- FA53915606-300
- FA53915633-300

### 4000K

- Non Dimmable
- FA53917406
- FA53917433
- 1-10V
- FA53917406-310
- FA53917433-310
- Dali
- FA53917406-300
- FA53917433-300



@ 3000K

## Street Light Optic

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3434 lm - 4000K/CRI 80 - 220÷240V

### 2700K

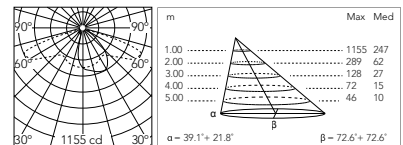
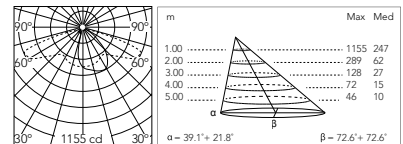
- Non Dimmable
- FA53909806
- FA53909833
- 1-10V
- FA53909806-310
- FA53909833-310
- Dali
- FA53909806-300
- FA53909833-300

### 3000K

- Non Dimmable
- FA53906906
- FA53906933
- 1-10V
- FA53906906-310
- FA53906933-310
- Dali
- FA53906906-300
- FA53906933-300

### 4000K

- Non Dimmable
- FA53906806
- FA53906833
- 1-10V
- FA53906806-310
- FA53906833-310
- Dali
- FA53906806-300
- FA53906833-300



@ 3000K

## Street Light Optic (Foot and Cycle Paths)

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3466 lm - 4000K/CRI 80 - 220÷240V

### 2700K

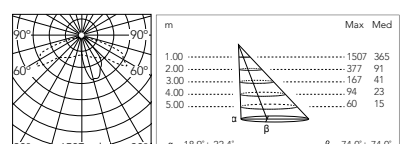
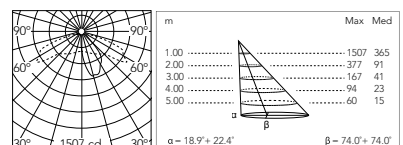
- Non Dimmable
- FA53910006
- FA53910033
- 1-10V
- FA53910006-310
- FA53910033-310
- Dali
- FA53910006-300
- FA53910033-300

### 3000K

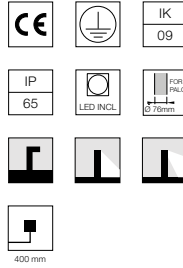
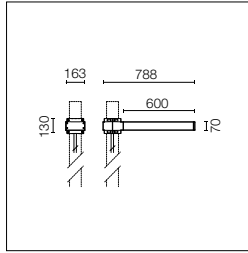
- Non Dimmable
- FA53907206
- FA53907233
- 1-10V
- FA53907206-310
- FA53907233-310
- Dali
- FA53907206-300
- FA53907233-300

### 4000K

- Non Dimmable
- FA53907106
- FA53907133
- 1-10V
- FA53907106-310
- FA53907133-310
- Dali
- FA53907106-300
- FA53907133-300



@ 3000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request. Single socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7505 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53910206
- FA53910233
- 1-10V
- FA53910206-310
- FA53910233-310
- Dali
- FA53910206-300
- FA53910233-300

**3000K**

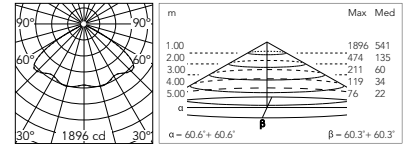
Non Dimmable

- FA53900306
- FA53900333
- 1-10V
- FA53900306-310
- FA53900333-310
- Dali
- FA53900306-300
- FA53900333-300

**4000K**

Non Dimmable

- FA53900206
- FA53900233
- 1-10V
- FA53900206-310
- FA53900233-310
- Dali
- FA53900206-300
- FA53900233-300



@ 3000K

**Asymmetric Optic**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7027 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53914006
- FA53914033
- 1-10V
- FA53914006-310
- FA53914033-310
- Dali
- FA53914006-300
- FA53914033-300

**3000K**

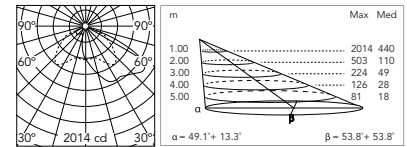
Non Dimmable

- FA53915806
- FA53915833
- 1-10V
- FA53915806-310
- FA53915833-310
- Dali
- FA53915806-300
- FA53915833-300

**4000K**

Non Dimmable

- FA53917606
- FA53917633
- 1-10V
- FA53917606-310
- FA53917633-310
- Dali
- FA53917606-300
- FA53917633-300



@ 3000K

**Street Light Optic**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6868 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53910406
- FA53910433
- 1-10V
- FA53910406-310
- FA53910433-310
- Dali
- FA53910406-300
- FA53910433-300

**3000K**

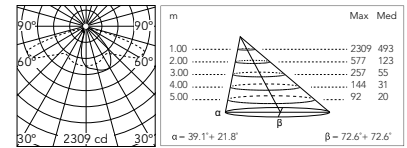
Non Dimmable

- FA53900606
- FA53900633
- 1-10V
- FA53900606-310
- FA53900633-310
- Dali
- FA53900606-300
- FA53900633-300

**4000K**

Non Dimmable

- FA53900506
- FA53900533
- 1-10V
- FA53900506-310
- FA53900533-310
- Dali
- FA53900506-300
- FA53900533-300



@ 3000K

**Street Light Optic (Foot and Cycle Paths)**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6932 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53910606
- FA53910633
- 1-10V
- FA53910606-310
- FA53910633-310
- Dali
- FA53910606-300
- FA53910633-300

**3000K**

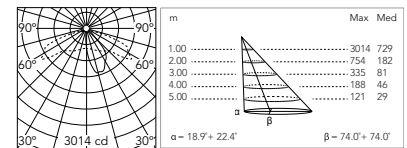
Non Dimmable

- FA53900906
- FA53900933
- 1-10V
- FA53900906-310
- FA53900933-310
- Dali
- FA53900906-300
- FA53900933-300

**4000K**

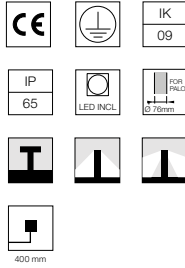
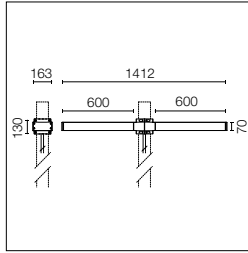
Non Dimmable

- FA53900806
- FA53900833
- 1-10V
- FA53900806-310
- FA53900833-310
- Dali
- FA53900806-300
- FA53900833-300



@ 3000K

# Dooku 600 - Double Top Pole ø76



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

## Optic 120° (Wide Spaces - Public Areas - Parking Areas)

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7505 lm - 4000K/CRI 80 - 220÷240V

### 2700K

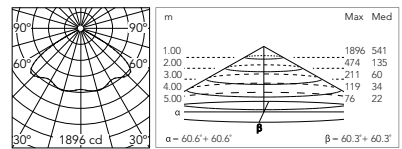
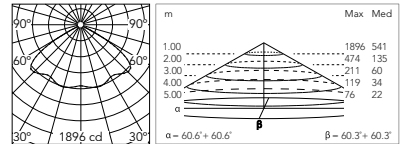
- Non Dimmable
- FA53910806
- FA53910833
- 1-10V
- FA53910806-310
- FA53910833-310
- Dali
- FA53910806-300
- FA53910833-300

### 3000K

- Non Dimmable
- FA53901206
- FA53901233
- 1-10V
- FA53901206-310
- FA53901233-310
- Dali
- FA53901206-300
- FA53901233-300

### 4000K

- Non Dimmable
- FA53901106
- FA53901133
- 1-10V
- FA53901106-310
- FA53901133-310
- Dali
- FA53901106-300
- FA53901133-300



@ 3000K

## Asymmetric Optic

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7027 lm - 4000K/CRI 80 - 220÷240V

### 2700K

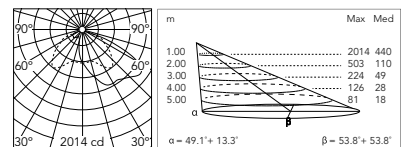
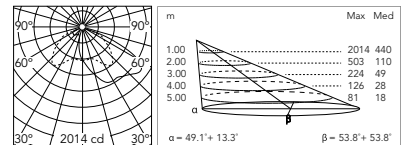
- Non Dimmable
- FA53914206
- FA53914233
- 1-10V
- FA53914206-310
- FA53914233-310
- Dali
- FA53914206-300
- FA53914233-300

### 3000K

- Non Dimmable
- FA53916006
- FA53916033
- 1-10V
- FA53916006-310
- FA53916033-310
- Dali
- FA53916006-300
- FA53916033-300

### 4000K

- Non Dimmable
- FA53917806
- FA53917833
- 1-10V
- FA53917806-310
- FA53917833-310
- Dali
- FA53917806-300
- FA53917833-300



@ 3000K

## Street Light Optic

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6868 lm - 4000K/CRI 80 - 220÷240V

### 2700K

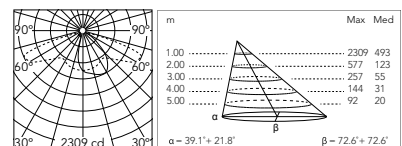
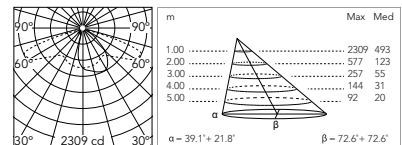
- Non Dimmable
- FA53911006
- FA53911033
- 1-10V
- FA53911006-310
- FA53911033-310
- Dali
- FA53911006-300
- FA53911033-300

### 3000K

- Non Dimmable
- FA53901506
- FA53901533
- 1-10V
- FA53901506-310
- FA53901533-310
- Dali
- FA53901506-300
- FA53901533-300

### 4000K

- Non Dimmable
- FA53901406
- FA53901433
- 1-10V
- FA53901406-310
- FA53901433-310
- Dali
- FA53901406-300
- FA53901433-300



@ 3000K

## Street Light Optic (Foot and Cycle Paths)

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6932 lm - 4000K/CRI 80 - 220÷240V

### 2700K

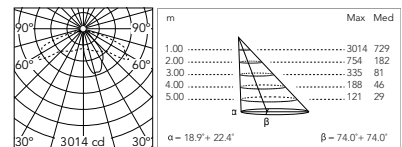
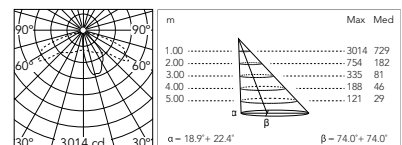
- Non Dimmable
- FA53911206
- FA53911233
- 1-10V
- FA53911206-310
- FA53911233-310
- Dali
- FA53911206-300
- FA53911233-300

### 3000K

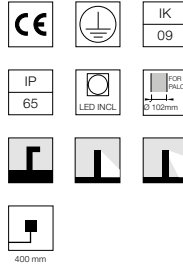
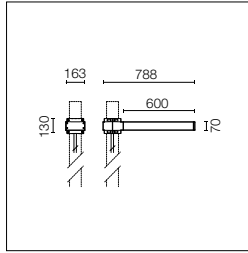
- Non Dimmable
- FA53901806
- FA53901833
- 1-10V
- FA53901806-310
- FA53901833-310
- Dali
- FA53901806-300
- FA53901833-300

### 4000K

- Non Dimmable
- FA53901706
- FA53901733
- 1-10V
- FA53901706-310
- FA53901733-310
- Dali
- FA53901706-300
- FA53901733-300



@ 3000K



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request. The post must be ordered separately. Smart-City version available upon request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7505 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53911406
- FA53911433
- 1-10V
- FA53911406-310
- FA53911433-310
- Dali
- FA53911406-300
- FA53911433-300

**3000K**

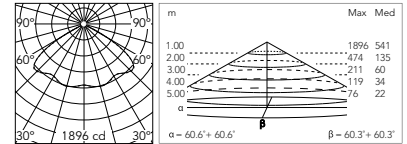
Non Dimmable

- FA53902106
- FA53902133
- 1-10V
- FA53902106-310
- FA53902133-310
- Dali
- FA53902106-300
- FA53902133-300

**4000K**

Non Dimmable

- FA53902006
- FA53902033
- 1-10V
- FA53902006-310
- FA53902033-310
- Dali
- FA53902006-300
- FA53902033-300



@ 3000K

**Asymmetric Optic**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7027 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53914406
- FA53914433
- 1-10V
- FA53914406-310
- FA53914433-310
- Dali
- FA53914406-300
- FA53914433-300

**3000K**

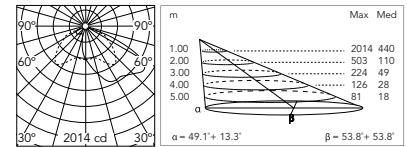
Non Dimmable

- FA53916206
- FA53916233
- 1-10V
- FA53916206-310
- FA53916233-310
- Dali
- FA53916206-300
- FA53916233-300

**4000K**

Non Dimmable

- FA53918006
- FA53918033
- 1-10V
- FA53918006-310
- FA53918033-310
- Dali
- FA53918006-300
- FA53918033-300



@ 3000K

**Street Light Optic**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6868 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53911606
- FA53911633
- 1-10V
- FA53911606-310
- FA53911633-310
- Dali
- FA53911606-300
- FA53911633-300

**3000K**

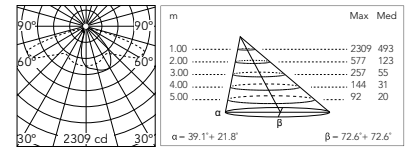
Non Dimmable

- FA53902406
- FA53902433
- 1-10V
- FA53902406-310
- FA53902433-310
- Dali
- FA53902406-300
- FA53902433-300

**4000K**

Non Dimmable

- FA53902306
- FA53902333
- 1-10V
- FA53902306-310
- FA53902333-310
- Dali
- FA53902306-300
- FA53902333-300



@ 3000K

**Street Light Optic (Foot and Cycle Paths)**

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6932 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable

- FA53911806
- FA53911833
- 1-10V
- FA53911806-310
- FA53911833-310
- Dali
- FA53911806-300
- FA53911833-300

**3000K**

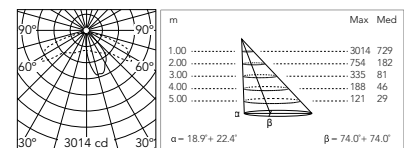
Non Dimmable

- FA53902706
- FA53902733
- 1-10V
- FA53902706-310
- FA53902733-310
- Dali
- FA53902706-300
- FA53902733-300

**4000K**

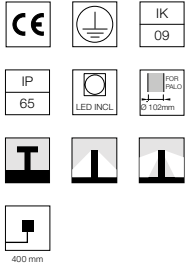
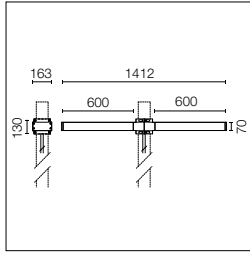
Non Dimmable

- FA53902606
- FA53902633
- 1-10V
- FA53902606-310
- FA53902633-310
- Dali
- FA53902606-300
- FA53902633-300



@ 3000K

# Dooku 600 - Double Top Pole ø102



Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

## Optic 120° (Wide Spaces - Public Areas - Parking Areas)

2200K auf Anfrage erhältlich.

2200K available on request.

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7505 lm - 4000K/CRI 80 - 220÷240V

### 2700K

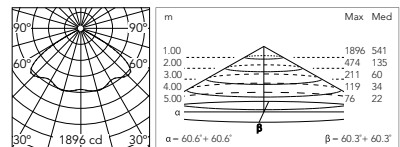
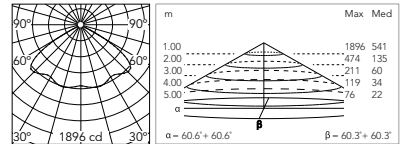
- Non Dimmable
- FA53912006
- FA53912033
- 1-10V
- FA53912006-310
- FA53912033-310
- Dali
- FA53912006-300
- FA53912033-300

### 3000K

- Non Dimmable
- FA53903006
- FA53903033
- 1-10V
- FA53903006-310
- FA53903033-310
- Dali
- FA53903006-300
- FA53903033-300

### 4000K

- Non Dimmable
- FA53902906
- FA53902933
- 1-10V
- FA53902906-310
- FA53902933-310
- Dali
- FA53902906-300
- FA53902933-300



@ 3000K

## Asymmetric Optic

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7027 lm - 4000K/CRI 80 - 220÷240V

### 2700K

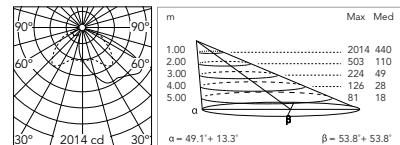
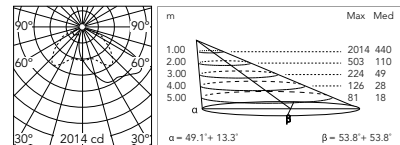
- Non Dimmable
- FA53914606
- FA53914633
- 1-10V
- FA53914606-310
- FA53914633-310
- Dali
- FA53914606-300
- FA53914633-300

### 3000K

- Non Dimmable
- FA53916406
- FA53916433
- 1-10V
- FA53916406-310
- FA53916433-310
- Dali
- FA53916406-300
- FA53916433-300

### 4000K

- Non Dimmable
- FA53918206
- FA53918233
- 1-10V
- FA53918206-310
- FA53918233-310
- Dali
- FA53918206-300
- FA53918233-300



@ 3000K

## Street Light Optic

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6868 lm - 4000K/CRI 80 - 220÷240V

### 2700K

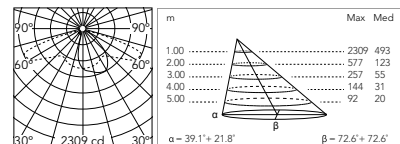
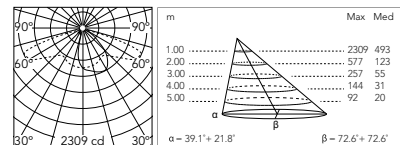
- Non Dimmable
- FA53912206
- FA53912233
- 1-10V
- FA53912206-310
- FA53912233-310
- Dali
- FA53912206-300
- FA53912233-300

### 3000K

- Non Dimmable
- FA53903306
- FA53903333
- 1-10V
- FA53903306-310
- FA53903333-310
- Dali
- FA53903306-300
- FA53903333-300

### 4000K

- Non Dimmable
- FA53903206
- FA53903233
- 1-10V
- FA53903206-310
- FA53903233-310
- Dali
- FA53903206-300
- FA53903233-300



@ 3000K

## Street Light Optic (Foot and Cycle Paths)

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6932 lm - 4000K/CRI 80 - 220÷240V

### 2700K

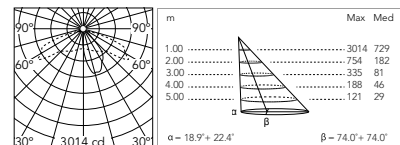
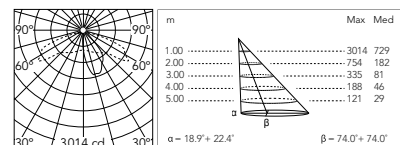
- Non Dimmable
- FA53912406
- FA53912433
- 1-10V
- FA53912406-310
- FA53912433-310
- Dali
- FA53912406-300
- FA53912433-300

### 3000K

- Non Dimmable
- FA53903606
- FA53903633
- 1-10V
- FA53903606-310
- FA53903633-310
- Dali
- FA53903606-300
- FA53903633-300

### 4000K

- Non Dimmable
- FA53903506
- FA53903533
- 1-10V
- FA53903506-310
- FA53903533-310
- Dali
- FA53903506-300
- FA53903533-300



@ 3000K



## Dooku / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



### H 3500mm

- FA24806
- FA24833

### H 4500mm

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



### H 3500mm

- FA25006
- FA25033

### H 4500mm

- FA25106
- FA25133

## Dooku / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .  
With Terminal Block 4x1,5-16mmq.



### H 4000mm

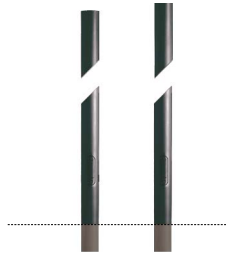
- FA414006
- FA414033

### H 5000mm

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq



### H 4000mm

- FA414506
- FA414533

### H 5000mm

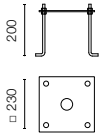
- FA415506
- FA415533

## Dooku: Zubehörteile / Accessories

Stiftschraubenplatte.

Base plate with bolt.

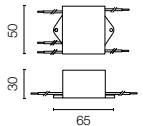
FA116



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10kA  
(8 / 20µs). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

Surge protection device.  
275Vac. Maximum discharge  
current 10kA (8/20µs).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000



Leuchtenschutzklassen / Luminaires classification



Klasse I: Leuchten, bei denen der Schutz gegen elektrischen Schlag nicht nur auf der Basisisolierung beruht, sondern bei denen zusätzliche Sicherheitsvorkehrungen getroffen werden. Alle berührbaren unter Spannung stehenden Teile müssen an einen Schutzleiter (Erdungsanschluß) angeschlossen sein.

Class I: Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of connecting the accesible conductive parts to a safety conductor (earth).



Klasse II: Leuchten, bei denen der Schutz gegen elektrischen Schlag nicht nur auf der Basisisolierung beruht, sondern die über zusätzliche Sicherheitsvorkehrungen durch doppelte Isolierung verfügen ohne Erdungsanschluß.

Class II: Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth).



Klasse III: Leuchten, bei denen der Schutz gegen elektrischen Schlag durch den Anschluß an eine Schutz-kleinspannung erreicht wird; es dürfen keine höhere Spannung produziert werden. Eine Leuchte der Klasse III darf niemals einen Schutzleiteranschluß enthalten.

Class III: Luminaire in which protection against electrical shocks is based on the very low safety supply voltage and no voltages are produced higher than this. A Class III luminaire must never be provided with earthing.

Zulassungen / Homologations



Alle im Rahmen dieses Programms produzierten und präsentierten Leuchten wurden konform zu der Europäischen Norm EN 60 598 hergestellt und entsprechen damit den Anforderungen der Richtlinie 73/23 EWG (Niederspannungsrichtlinie). Der Herstellungsprozess garantiert ebenfalls die Konformität zur Richtlinie 89/336 EWG welches die elektromagnetische Verträglichkeit betrifft. Alle dem Anwendungsbereich der oben genannten Richtlinien unterliegenden Produkte enthalten das CE Zeichen, welches die Konformität zu den jeweiligen Anforderungen kennzeichnet.

All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements.



Das ENEC-Zeichen auf dem Produkt gewährleistet die Einhaltung der europäischen Normen, sowie zuverlässige Organisation und Produktionssysteme. Dieses Prüfzeichen steht für unser Engagement und gibt die beste Garantie in Bezug auf Sicherheit und Qualität unserer Produkte.

The ENEC mark on the product stands for the compliance of European Standard as well as a trustworthy organisation and product system and is guaranteed by an accredited certification body. This agreed mark stands for our engagement and represents the best guarantee in security and quality matter of our products.



Der spanische Verband für Normen und Zertifizierung AENOR, bescheinigt, daß das von Antares Iluminación, S. A. angewendete Qualitätssicherungssystem den Anforderungen der Normen UNE-EN ISO-9001 - Qualitätssicherungssystem - entspricht.

The Spanish Association for Standards and Certification AENOR, certifies that quality assurance system adopted by Antares Iluminación, S.A. complies with the requirements of the standard UNE-EN ISO-9001 Quality Systems.

IP 20	Schutzgrad gegen feste Fremdkörper und Wasser.	Protection degree offered by the fixture to the ingress of solids and liquids.
IP 20	1. Kennziffer: Schutz gegen Eindringen fester Körper: 0 Ungeschützt. - 1 Fremdkörper grösser als 50 mm. - 2 Geschützt gegen feste Fremdkörper grösser als 12 mm. - 3 Geschützt gegen feste Fremdkörper grösser als 2,5 mm. - 4 Geschützt gegen feste Fremdkörper grösser als 1 mm. - 5 Staubgeschützt. - 6 Staubgeschützt.	1st figure, protection against penetration by solid bodies: 0 No protection - 1 Protected against solid bodies over 50 mm in diameter - 2 Protected against solid bodies over 12 mm in diameter - 3 Protected against solid bodies over 2,5 mm in diameter - 4 Protected against solid bodies over 1 mm in diameter - 5 Protected against dust - 6 Fully protected against dust.
IP 20	2. Kennziffer: 0 Ungeschützt. - 1 Geschützt gegen senkrecht fallendes Tropfwasser. - 2 Geschützt gegen senkrecht - fallendes Tropfwasser. - 3 Geschützt gegen schräg fallendes Sprühwasser mit einem Winkel bis zu 60°. - 4 Geschützt gegen Spritzwasser. - 5 Geschützt gegen Strahlwasser. - 6 Geschützt gegen schwere See. - 7 Geschützt gegen Untertauchen. - 8 Geschützt gegen dauerhaftes Untertauchen.	2nd figure, protection against penetration by water: 0 No protection - 1 Protected against drops of water falling vertically - 2 Protected against drops of water at a max. inclination of 15 degrees - 3 Protected against drops of water at a max. inclination of 60 degrees - 4 Protected against splashed of water - 5 Protected against jets of water - 6 Protected against waves - 7 Protected against immersion - 8 Protected against long term immersion.

Piktogramme / Pictography




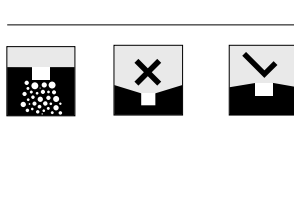
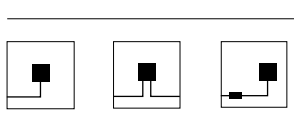
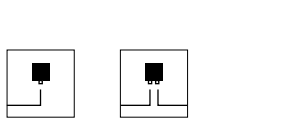
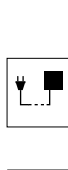

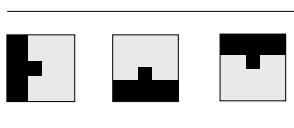

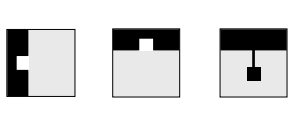
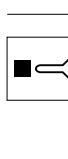
Gemäß den Bestimmungen der Verordnung (EU) Nr. 874/2012, als Ergänzung zur Richtlinie 2010/30/EU über die Angabe des Verbrauchs an Energie durch energieverbrauchsrelevante Produkte mittels einheitlicher Etiketten und über die Kompatibilität der Leuchtkörper mit den verschiedenen (integrierten oder mit ihnen kompatiblen) Lichtquellen, hat Flos S.p.A. die erforderlichen Etiketten in elektronischem Format auf seiner Website ([www.flos.com](http://www.flos.com)) im produktspezifischen Bereich eingefügt. Zum Herunterladen der Etiketten in den verschiedenen, auf europäischer Ebene vorgesehenen Sprachen, gehen Sie wie folgt vor:

- Wählen Sie die gewünschte Kollektion bzw. das gewünschte Produkt (z. B. <http://www.flos.com/decorative/en/products/floor/Arco>)
- Klicken Sie auf "Siehe technisches datenblatt"
- Klicken Sie auf "Print Energy Label"
- Wählen Sie die Sprache und drucken Sie das Etikett.

In accordance with the provisions of Regulation 874/2012/EU and integration of the Directive 2010/30/EU concerning labeling indicating the energy consumption of electric lamps and the compatibility of lighting appliances with different light sources (integrated or compatible with these), Flos SpA has inserted the required labels, in electronic form, on its website ([www.flos.com](http://www.flos.com)) in the area relating to products. The methods to download the labels in different languages envisaged at Community level are as follows:

- Choose the collection/product you are interested in (for ex: <http://www.flos.com/decorative/en/products/floor/Arco>)
- Click on "see specs sheet"
- Click on "Print Energy Label"
- Select the language and print the label.

## Symbols

	<p>Statische Belastung: Widerstandsfähigkeit gegen statische Belastung.</p>	<p>Static load: Resistance to static load. In compliance with CEI EN 60598-2-13 standards.</p>
	<p>Überfahrbarkeits-Widerstandsfähigkeit gegen Drehmoment- und Schubbeanspruchung. In Übereinstimmung mit der Norm CEI EN 60598-2-13.</p>	<p>Drive over Resistance to torque and shear loads. In compliance with CEI EN 60598-2-13 standards.</p>
	<p>Diffusortemperatur in Übereinstimmung mit CEI EN 60598-2-13. Prüfen Sie, dass die Diffusortemperatur „T max °C“ (getestet bei 25 °C) mit Ihren lokalen Vorschriften übereinstimmt. Glasoberflächentemperatur &lt;70 °C für LED-Quelle.</p>	<p>Diffuser temperature according to CEI EN 60598-2-13. Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation. Glass surface temperature &lt;70 °C for LED source</p>
	<p>Hinweis zur Installation von Einbauleuchten: Es ist wichtig, eine beständige Kiesdecke oder ein Abflusssystem vorzusehen, um eine gute Entwässerung zu gewährleisten und Wasseransammlung zu vermeiden. Die Leuchte darf nicht in hohlen Oberflächen montiert werden.</p>	<p>Advice on installation of recessed luminaires: It is important to provide a consistent gravel layer or drain system to ensure good drainage and to avoid water stagnation. The luminaire must not be installed in hollow surfaces.</p>
	<p>Elektrische Verbindung: Verkabelung über Kabeleingang, über zwei Kabeleingänge oder über einen entfernt installierten Speisetransformator (separat zu bestellen).</p>	<p>Electric connection: Wiring through cable input, through two cable inputs or through a feeding transformer installed on remote position (to be ordered separately).</p>
	<p>Die Leuchte ist mit 1 oder 2 Kabeleingängen ausgestattet.</p>	<p>Luminaire is equipped with 1 or 2 cable input.</p>
	<p>Die Leuchte ist mit Kabel und Stecker ausgestattet.</p>	<p>Luminaire is equipped with cable and plug.</p>
	<p>Schutz gegen das Eindringen von Wasser aus dem Kabel.</p>	<p>Protection against water ingress from the cable</p>
	<p>Oberflächeninstallation an der Wand, Boden oder Decke.</p>	<p>Surface installation on wall, on ground or on ceiling.</p>
	<p>Installation als Mast.</p>	<p>Installation on pole.</p>
	<p>Bodeninstallation (Einbauleuchte) Hängeleuchte.</p>	<p>In-ground installation (recessed luminaire) Suspended fitting.</p>
	<p>Glühdrahtprüfung IEC 60695-2-10: Die Glühdrahtprüfung dient zur Simulation der Wärmeeinwirkung, wie sie bei elektrischen Geräten auftreten kann, z. B. bei überlasteten (spezifizierte Temperatur).</p>	<p>Glow wire test IEC 60695-2-10: the glow wire test is used to simulate the effect of heat as may arise in malfunctioning electrical equipment, such as with overloaded (specified temperature).</p>

## Symbols

IK
09

Widerstandsfähigkeit gegen äußere mechanische Einwirkungen:  
Der IK-Code bezieht sich auf die maximale äußere Einwirkung, die die Leuchte standhalten kann, ohne irreversible Schäden davonzutragen.  
In Übereinstimmung mit der Norm EN50102.

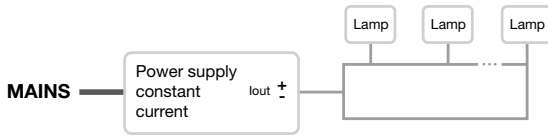
Resistance to external mechanical impacts:  
IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage.  
In compliance with EN50102 standards.

<b>IK code</b>	<b>Impact Energy (Joule)</b>	<b>Mass/Height</b>
IK00	0,00	-----
IK01	0,15	0,2Kg/70mm
IK02	0,20	0,2Kg/100mm
IK03	0,35	0,2Kg/175mm
IK04	0,50	0,2Kg/250mm
IK05	0,70	0,2Kg/350mm
IK06	1,00	0,5Kg/200mm
IK07	2,00	0,5Kg/400mm
IK08	5,00	1,7Kg/295mm
IK09	10,00	5,0Kg/200mm
IK10	20,00	5,0Kg/400mm

## Tecnical Schemes

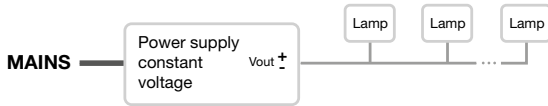
Schaltplan und Beispiel für eine Reihenschaltung / Wiring Diagram and sample series installation

### n.1



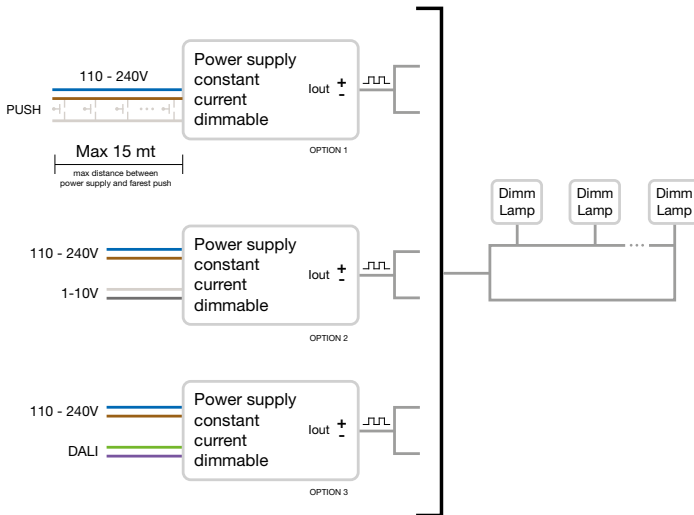
Schaltplan und Beispiel für eine Parallelschaltung / Wiring Diagram and sample parallel installation

### n.2



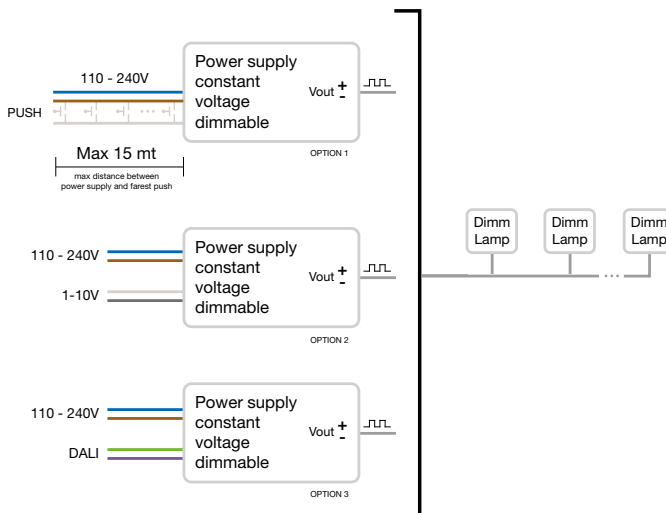
Schaltplan und Beispiel für eine dimmbare Reihenschaltung / Wiring Diagram and sample dimmable series installation

### n.3



Schaltplan und Beispiel für eine dimmbare Parallelschaltung / Wiring Diagram and sample dimmable parallel installation

### n.4



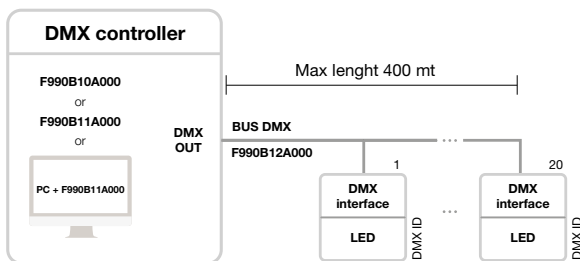
## Basic DMX Wiring Scheme

Ein DMX-System kann eine unbegrenzte Anzahl von Leuchten enthalten, wenn die folgenden Regeln beachtet werden:

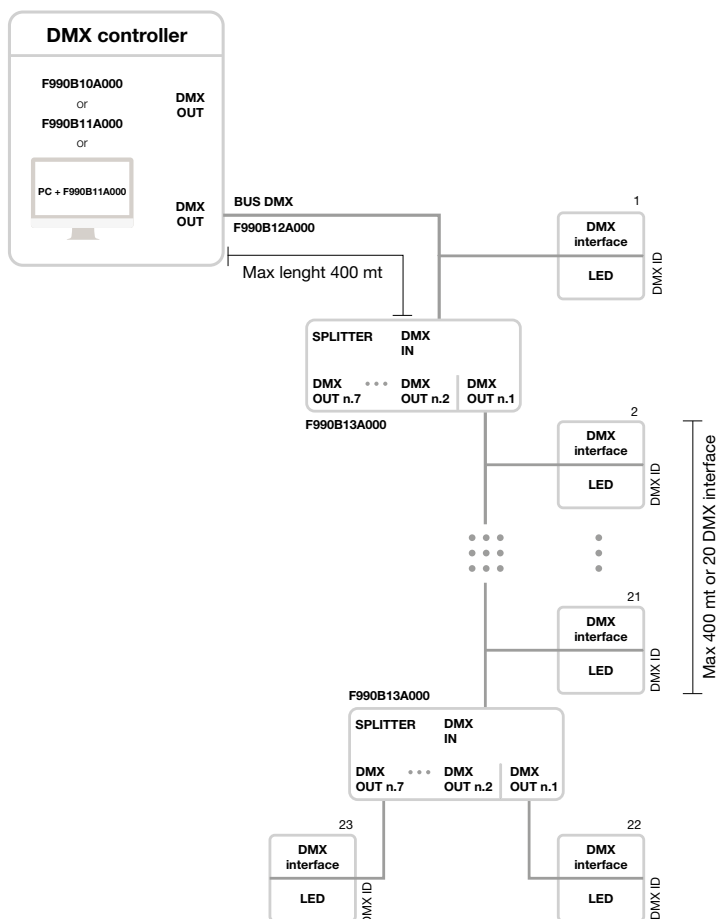
- Verwenden Sie geeignete Kabel für den DMX-Bus: geschirmtes verdrilltes Doppelkabel mit 110 Ohm konstanter Impedanz (z.B. Cod.186). Die Verwendung unterschiedlicher Kabel garantiert nicht die gleiche Leistung.
- Alle 400m Kabel muss das DMX-Bussignal mit einem Verteiler regeneriert werden. Dies ermöglicht, die Installation zu erweitern.
- Alle 20 Leuchten muss das DMX-Bussignal mit einem Verteiler regeneriert werden. Dies ermöglicht, die Installation zu erweitern.
- Alle Leuchten müssen in Reihe an den DMX-Bus angeschlossen werden. Es ist keine Sternschaltung erlaubt. Es ist zu berücksichtigen, dass die Verwendung eines Verteilers das Problem lösen kann, einen Buseingang und mehrere Busausgänge zu haben.
- Jedes Kabel muss einen Abschlusswiderstand von 120 Ohm haben.

A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- Use suitable cables for DMX bus: shielded twisted pair with 110 Ohm constant impedance (e.g. Cod.186). The use of different cables doesn't assure the same performance.
- Every 400mt of cable the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- Every 20 fixtures the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- All fixtures have to be connected in series to the DMX bus. No star connection allowed. It has to be taken into account that the use of a splitter can solve the problem having one bus input and more bus output.
- Each cable must have a 120 Ohm termination resistor.



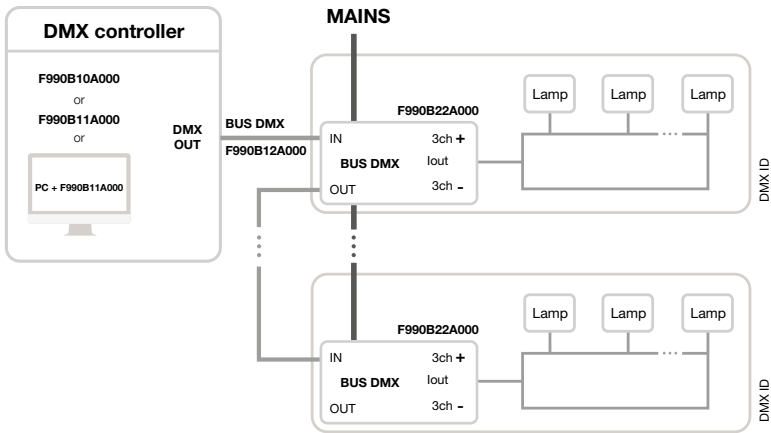
## Extended DMX Wiring Pattern



## Technical Schemes

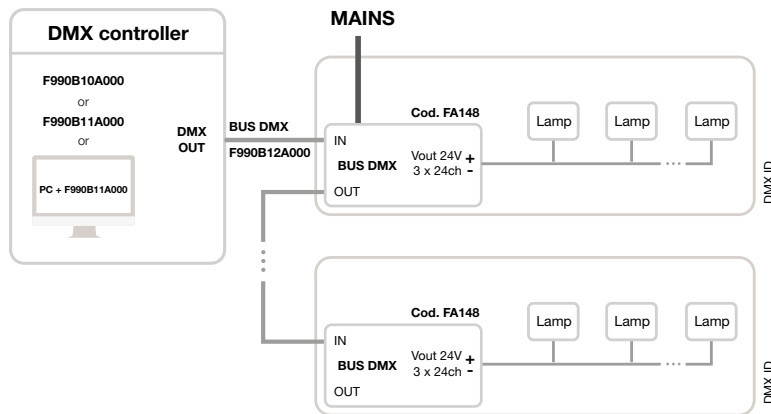
Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

### n.5



Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

### n.6

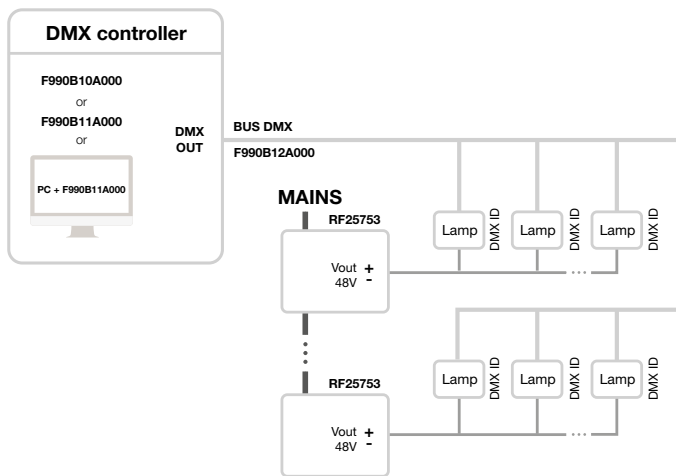




## Technical Schemes

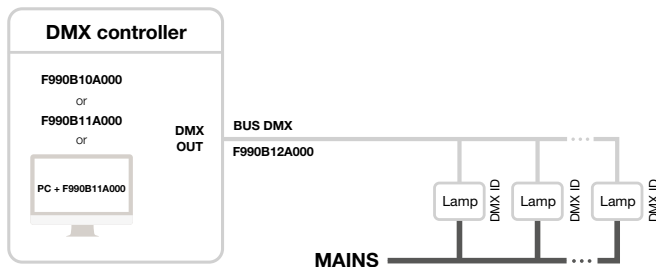
Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

### n.7



Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

### n.8



## Hinweis

Verkabelung von LED-Leuchten, die mit Konstantstrom betrieben werden und in Reihe geschaltet sind (Schema 1, 3 und 5): Schließen Sie die Leuchte niemals an eine eingeschaltete Stromversorgung an.

Schließen Sie die Leuchten immer an die Stromversorgung an, und zwar erst, nachdem Sie die Stromversorgung mit dem Netz verbunden haben.

Anschlusspläne: Leuchten mit konstantem Strom müssen immer in Reihe geschaltet werden; Leuchten mit konstanter Spannung müssen immer parallel geschaltet werden.

Achten Sie immer auf die Polarität entsprechend dem Gleichstromsystem.

Stromversorgungen müssen immer mit den Installationsmerkmalen übereinstimmen: Verwenden Sie niemals ein Konstantstromversorgung für eine Leuchte mit konstanter Spannung und umgekehrt. Bei der Wahl der Stromversorgung muss der tatsächliche Stromverbrauch der Leuchte (Angaben im Katalog) mit einem Zuschlag von 20 % berücksichtigt werden, um eventuelle Verluste bei der Installation zu vermeiden.

LED-Leuchten und -Stromversorgungen sind gegen Störungen auf der Leitung geschützt. Es wird jedoch dringend empfohlen, spezielle Versorgungsleitungen einzurichten, um mögliche plötzliche und starke Störungen (induktive Lasten wie Pumpen oder Entladungslampen) zu vermeiden, die das LED-Modul beschädigen könnten.

## Attention

Wiring of LED luminaires run in constant current and connected in series (schemes 1,3 and 5): Never connect the luminaire to a switched on power supply.

Always connect luminaires to the power supply, and only after connect the power supply to the mains.

Connection schemes: Luminaires in constant current must always be connected in series; luminaires in constant tension must always be connected in parallel.

Always respect polarity according to the DC system.

Power Supplies must always match installation features: Never use a constant current power supply on a constant tension luminaire and vice versa.

The choice of the power supply must take into account the real power consumption of the luminaire (data shown in the catalogue) with a 20% increase to face any potential loss on the installation.

LED Luminaires and power supplies are protected against interferences on the line, it is anyway highly recommended to set dedicated feeding lines to avoid any potential sudden and severe interference (inductive loads like pumps or discharge lamps) that are likely to damage the LED module.

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## Gewährleistung

ARES s.r.l. garantiert dem Käufer die zufriedenstellende Funktion seiner Produkte für einen Zeitraum von zwei Jahren ab dem Kaufdatum (Rechnungsdatum).

Innerhalb der Garantiezeit werden alle Mängel an ARES s.r.l. -Produkten, die auf Material- oder Verarbeitungsfehler zurückzuführen sind, kostenlos behoben.

ARES s.r.l. behält sich das Recht vor, den Fehler durch Reparatur, Austausch oder Ersatz zu beheben.

Die Garantie deckt nicht ab und der Hersteller haftet nicht für:

Teile und Materialien, die einem ständigen Verschleiß unterliegen;  
Probleme, die auf äußere Ursachen zurückzuführen sind, wie z. B. Unfall, Missbrauch, Fehlgebrauch, falsche Handhabung, Fahrlässigkeit, Feuer, Diebstahl, Vandalismus, Aufruhr, Explosion, Naturkatastrophen oder andere äußere Ursachen, die nicht mit einem Produktfehler zusammenhängen;

Bedingungen, die auf eine fehlerhafte Installation, falsche Anwendung, extreme Umgebungsbedingungen, die über die in der Produktspezifikation definierten Bedingungen hinausgehen, Unter- oder Überspannungssituationen, Nichteinhaltung der geltenden Anweisungen, unsachgemäße oder unzureichende Handhabung, Versand, Wartung, Fahrlässigkeit, Unfall oder Manipulationen hinweisen;

Inkompatibilität, unsachgemäße Konstruktion, Herstellung, Installation, Betrieb oder Wartung von Produkten, die nicht vom Hersteller geliefert wurden;

Situationen, in denen Betriebsgeräte, Leuchten oder sonstige Teile des Herstellers durch Teile anderer Hersteller ersetzt werden;

Die Qualität der Installation von Produkten des Herstellers hängt vom Installateur dieser Produkte ab. So würden die oben genannten Garantien beispielsweise keine Probleme abdecken, die sich aus den Installationsmethoden eines solchen Installateurs ergeben.

Kleine Mängel, die den Wert oder den Betrieb nur unwesentlich beeinträchtigen.

Die Garantie gilt nicht für andere Ansprüche (z. B. zusätzliche Kosten, die dem Kunden entstehen), es sei denn, sie wurden vom Hersteller schriftlich vereinbart und anerkannt.

## Warranty

ARES s.r.l. warrants to the Buyer the satisfactory operation of its products for the period of two years from date of Purchaser's purchase (the invoice date).

Within the warranty period any defects with ARES s.r.l. products as a result of faulty materials or workmanship will be rectified free of charge.

ARES s.r.l. reserves the right to rectify the fault by repair, exchange or replacement.

The warranty does not cover and the manufacturer will not be liable for:

Parts and materials subject to continuous wear;

Problems resulting from external causes such as accident, abuse, misuse, mishandling, negligence, fire, theft, vandalism, riot, explosion, natural disaster, or other external causes unrelated to product defect; Conditions demonstrating faulty installation, misapplication, extreme environmental conditions beyond those defined in the product specification, under/over voltage situations, lack of compliance with applicable instructions, improper or inadequate handling, shipping, maintenance, negligence, accident, or tampering; Incompatibility, improper design, manufacture, installation, operation or maintenance of products not supplied by Manufacturer; Situations in which manufacturer's control gears fixtures and or any parts are replaced with those from other manufacturers; The quality of the installation on Manufacturer products by the installer of those products. For example, the above warranties would not cover problems resulting from such an installer's installation methods. Small defects having a negligible effect in value or operation.

The warranty does not apply to any other claims (for instance additional cost incurred by the customer) unless agreed and accepted by the manufacturer in writing.

Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference
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267	F016M44K030.A	266	F016N43K030.A	554	F017A1RB033	553	F017A2LB033	553	F017A3JB033
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598	F017R2LB033	598	F017R3JB033	597	F017R4DB033	602	F017Z211000	193	F018A22D018
598	F017R2LD006	598	F017R3JD006	597	F017R4DD006	602	F017Z220000	193	F018A22D025
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Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference
632	F021B27A012	640	F021B2DD012	637	F021B2KD012	634	F021B34A012	631	F021B3BA012
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641	F021B3MD033	636	F021B46D033	635	F021B4DA033	631	F021B4KA033	634	F021C14A033
628	F021B41A001	632	F021B47A001	640	F021B4DD001	637	F021B4KD001	640	F021C14D001
628	F021B41A006	632	F021B47A006	640	F021B4DD006	637	F021B4KD006	640	F021C14D006







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638	F021C4CD012	637	F021C4KD012	645	F021G2MA012	644	F021G4KA012	644	F021H3JA012
638	F021C4CD018	637	F021C4KD018	645	F021G2MA018	644	F021G4KA018	644	F021H3JA018
638	F021C4CD030	637	F021C4KD030	645	F021G2MA030	644	F021G4KA030	644	F021H3JA030
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635	F021C4DA001	633	F021C4LA001	647	F021G2MD001	646	F021G4KD001	644	F021H3KA001
635	F021C4DA006	633	F021C4LA006	647	F021G2MD006	646	F021G4KD006	644	F021H3KA006
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635	F021C4DA018	633	F021C4LA018	647	F021G2MD018	646	F021G4KD018	644	F021H3KA018
635	F021C4DA030	633	F021C4LA030	647	F021G2MD030	646	F021G4KD030	644	F021H3KA030
635	F021C4DA033	633	F021C4LA033	647	F021G2MD033	646	F021G4KD033	644	F021H3KA033
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640	F021C4DD033	639	F021C4LD033	644	F021G3JA033	645	F021G4LA033	645	F021H3LA033
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633	F021C4GA033	644	F021G2JA033	645	F021G3LA033	647	F021G4MD033	644	F021H4KA033
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639	F021C4GD012	644	F021G2KA012	646	F021G3LD012	644	F021H2JA012	645	F021H4LA012
639	F021C4GD018	644	F021G2KA018	646	F021G3LD018	644	F021H2JA018	645	F021H4LA018
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639	F021C4GD033	644	F021G2KA033	646	F021G3LD033	644	F021H2JA033	645	F021H4LA033
635	F021C4HA001	646	F021G2KD001	645	F021G3MA001	644	F021H2KA001	645	F021H4MA001
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641	F021C4HD001	645	F021G2LA001	647	F021G3MD001	645	F021H2LA001	644	F021J2KA001
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641	F021C4HD030	645	F021G2LA030	647	F021G3MD030	645	F021H2LA030	644	F021J2KA030
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631	F021C4KA030	646	F021G2LD030	644	F021G4JA030	645	F021H2MA030	646	F021J2KD030
631	F021C4KA033	646	F021G2LD033	644	F021G4JA033	645	F021H2MA033	646	F021J2KD033
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637	F021C4KD006	645	F021G2MA006	644	F021G4KA006	644	F021H3JA006	645	F021J2LA006

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645	F021J2LA012	644	F021J4KA012	648	F021LTKD012	643	F021PTLD012	170	F023B2BA033
645	F021J2LA018	644	F021J4KA018	648	F021LTKD018	643	F021PTLD018	170	F023B2BB001
645	F021J2LA030	644	F021J4KA030	648	F021LTKD030	643	F021PTLD030	170	F023B2BB006
645	F021J2LA033	644	F021J4KA033	648	F021LTKD033	643	F021PTLD033	170	F023B2BB012
646	F021J2LD001	646	F021J4KD001	648	F021LTLD001	643	F021PTMD001	170	F023B2BB018
646	F021J2LD006	646	F021J4KD006	648	F021LTLD006	643	F021PTMD006	170	F023B2BB030
646	F021J2LD012	646	F021J4KD012	648	F021LTLD012	643	F021PTMD012	170	F023B2BB033
646	F021J2LD018	646	F021J4KD018	648	F021LTLD018	643	F021PTMD018	170	F023B2BD001
646	F021J2LD030	646	F021J4KD030	648	F021LTLD030	643	F021PTMD030	170	F023B2BD006
646	F021J2LD033	646	F021J4KD033	648	F021LTLD033	643	F021PTMD033	170	F023B2BD012
645	F021J2MA001	645	F021J4LA001	648	F021LTMD001	643	F021QTKD001	170	F023B2BD018
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645	F021J2MA012	645	F021J4LA012	648	F021LTMD012	643	F021QTKD012	170	F023B2BD033
645	F021J2MA018	645	F021J4LA018	648	F021LTMD018	643	F021QTKD018	170	F023B3AA001
645	F021J2MA030	645	F021J4LA030	648	F021LTMD030	643	F021QTKD030	170	F023B3AA006
645	F021J2MA033	645	F021J4LA033	648	F021LTMD033	643	F021QTKD033	170	F023B3AA012
647	F021J2MD001	646	F021J4LD001	642	F021MRKJ001	643	F021QTL001	170	F023B3AA018
647	F021J2MD006	646	F021J4LD006	642	F021MRKJ006	643	F021QTL006	170	F023B3AA030
647	F021J2MD012	646	F021J4LD012	642	F021MRKJ012	643	F021QTL012	170	F023B3AA033
647	F021J2MD018	646	F021J4LD018	642	F021MRKJ018	643	F021QTL018	170	F023B3AB001
647	F021J2MD030	646	F021J4LD030	642	F021MRKJ030	643	F021QTL030	170	F023B3AB006
647	F021J2MD033	646	F021J4LD033	642	F021MRKJ033	643	F021QTL033	170	F023B3AB012
644	F021J3KA001	645	F021J4MA001	642	F021MRLJ001	643	F021QTMD001	170	F023B3AB018
644	F021J3KA006	645	F021J4MA006	642	F021MRLJ006	643	F021QTMD006	170	F023B3AB030
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646	F021J3KD012	647	F021J4MD012	642	F021MRMJ012	649	F021Z030000	170	F023B3AD033
646	F021J3KD018	647	F021J4MD018	642	F021MRMJ018	650	F021Z040000	170	F023B3BA001
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645	F021J3LA001	648	F021KTJD001	642	F021MWKJ001	624	F021Z070000	170	F023B3BA018
645	F021J3LA006	648	F021KTJD006	642	F021MWKJ006	624	F021Z090000	170	F023B3BA030
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645	F021J3LA033	648	F021KTJD033	642	F021MWKJ033	170	F023B2AA012	170	F023B3BB012
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646	F021J3LD018	648	F021KTKD018	642	F021MWLJ018	170	F023B2AB001	170	F023B3BD001
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170	F023B4AB033	171	F023C2DD033	171	F023C4DA033	165	F023E2CB033	165	F023E3CD033
170	F023B4AD001	171	F023C3CA001	171	F023C4DB001	165	F023E2CD001	164	F023E4AA001
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171	F023C2DA012	171	F023C4CB012	164	F023E2BD012	165	F023E3CA012	165	F023E4CB012
171	F023C2DA018	171	F023C4CB018	164	F023E2BD018	165	F023E3CA018	165	F023E4CB018
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48	F025B4BA033	50	F025C2EA033	51	F025C3HA033	38	F025D2CA033	39	F025D3EA033
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48	F025B4CA033	51	F025C2FA033	50	F025C4BA033	38	F025D2DA033	39	F025D3FA033





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68	F025L4CA006	71	F025M2FA006	70	F025M4BA006	96	F025Q3CA006	111	F025R2HA006
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68	F025L4CA018	71	F025M2FA018	70	F025M4BA018	96	F025Q3CA018	111	F025R2HA018
68	F025L4CA030	71	F025M2FA030	70	F025M4BA030	96	F025Q3CA030	111	F025R2HA030
68	F025L4CA033	71	F025M2FA033	70	F025M4BA033	96	F025Q3CA033	111	F025R2HA033
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99	F025V4GA006	100	F025W3CA006	101	F025W4FA006	131	F02603BA001	131	F02604CB001.A
99	F025V4GA012	100	F025W3CA012	101	F025W4FA012	131	F02603BA006	131	F02604CB006.A
99	F025V4GA018	100	F025W3CA018	101	F025W4FA018	131	F02603BA012	131	F02604CB012.A
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105	F026W4CB030	106	F026W4FD030	155	F026Z200033	126	F02713CA012	127	F02714FA012



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127	F02714GA012	124	F02753CA012	125	F02754FA012	32	F027B3BA012	32	F027B4EA012
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61	F027L3HA033	47	F029Z022000	233	F030A23D000	233	F030A33B018	233	F030A43B001
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437	F1151033-310.A	438	F1173006-310.A	439	F1176018-310.A	439	F1179033-310.A	329	F1211012
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330	F1230033	330	F1234006	330	F1237018	331	F1255018	332	F1272006



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332	F1272012-310	332	F1275030-310	422	F1310006	422	F1316000-310	328	F1331089.A
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# FLOS

Outdoor

**Spine**

16

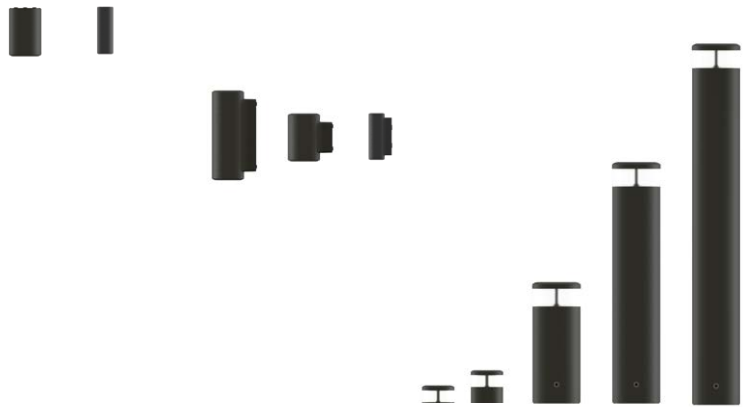
- Spine
- Spine F
- Spine L
- Spine T



**Pointbreak**

156

- Pointbreak Bollard
- Pointbreak Balisage
- Pointbreak Wall
- Pointbreak Ceiling



**In Vitro**

186

- In Vitro Bollard
- In Vitro Wall
- In Vitro Ceiling
- In Vitro Suspended
- In Vitro Unplugged





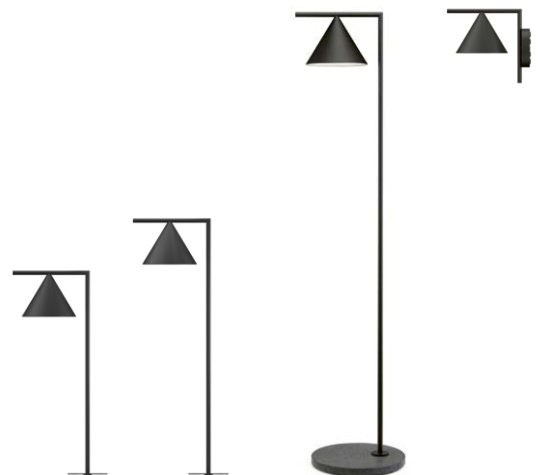
**Mile**

- Mile Wall
- Mile Bollard
- Mile Path
- Mile Ceiling
- Mile Recessed



**Captain Flint**

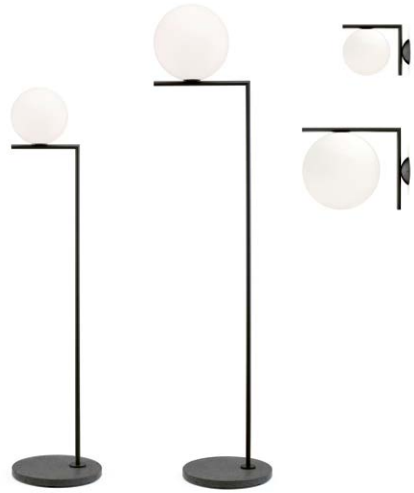
- Captain Flint Wall
- Captain Flint Floor
- Captain Flint Bollard



**IC Light**

250

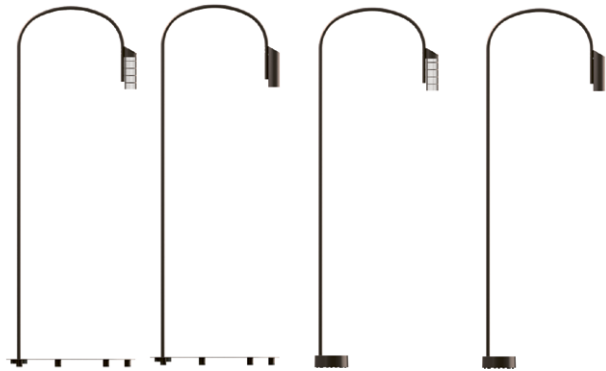
IC Wall  
IC Floor



**Caule**

258

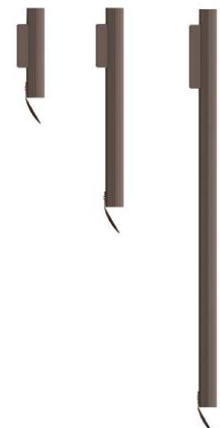
Caule Floor / Floor Nest  
Caule Bollard / Bollard Nest



**Flauta**

274

Flauta Riga  
Flauta Spiga



**Lighting In The Rain**

285

Romeo C3  
 KTribe F3  
 Superarchimoon



**Landlord**

292

Landlord Spot  
 Landlord Soft  
 Landlord Ground



**Bellhop**

310

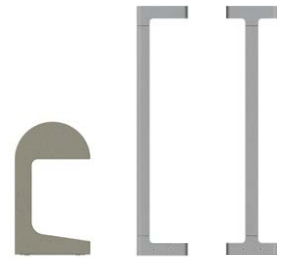
Bellhop Wall  
 Bellhop Bollard  
 Bellhop Pole



**Casting**

322

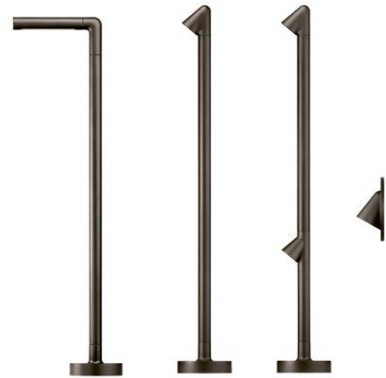
- Casting Concrete
- Casting C
- Casting T



**Walkstick / Wallstick**

334

- Walkstick Pipe
- Walkstick
- Wallstick



**Belvedere**

348

- Belvedere Clove
- Belvedere Spot
- Belvedere Wall





**Klein Pro**

360



**Zefiro**

370



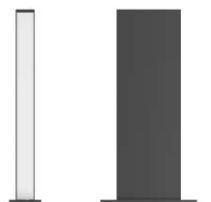
**I - Ron**

380



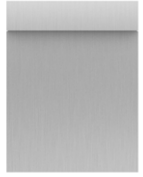
**Talia**

388



**Real Matter**

398



**My Way**

408



**Camouflage**

416



**Climber**

426



**Heavy Metal**

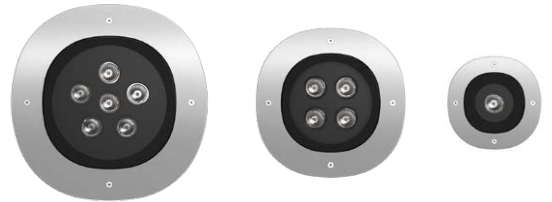
440

Heavy Metal Spot  
Heavy Metal Wall





A-Round



A-Rise



Gobi



C-Me

C-Me Round  
C-Me Square



**Ingraze**

542

Ingraze Frame Fixed / Adjustable  
Ingraze Frameless Fixed / Adjustable



**Outgraze**

604



**Tau**

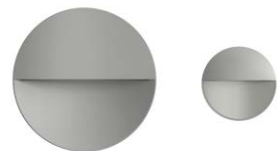
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**Eclipse**

666

Eclipse  
Eclipse Mini



**Hyperion**

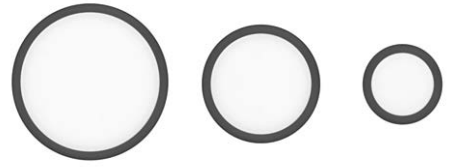
676

Hyperion  
Hyperion Mini



**Platter**

686



**Leila**

698



**Kirk**

710



**Spock**

718



**Aimer**

730

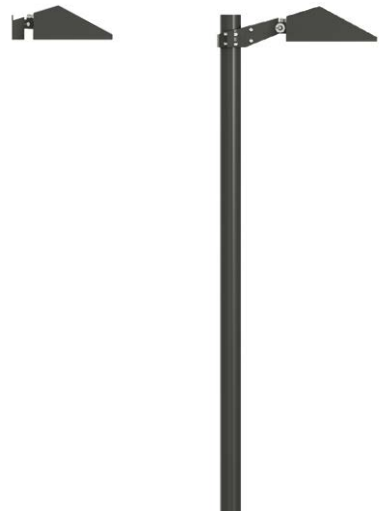
Aimer  
Aimer Aqua



**Franco**

764

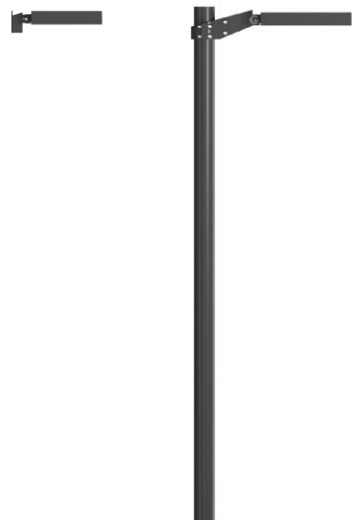
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Franco Pole

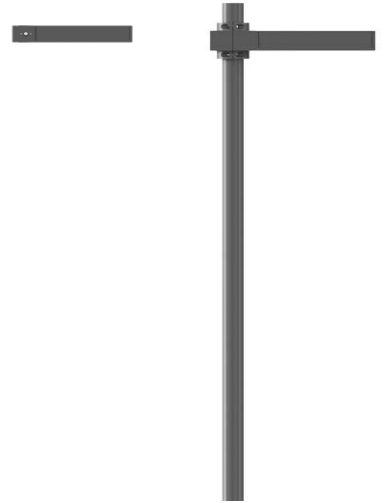


**Perseo**

786

Perseo  
Perseo Pole





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