

Outdoor Lighting



FLOS  
OUTDOOR

FLOS  
OUTDOOR

**Landlord**

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- Landlord Soft
- Landlord Ground



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- Bellhop Bollard
- Bellhop Pole



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Casting C  
Casting T



**Walkstick**

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Walkstick  
Wallstick



**Belvedere**

Belvedere Clove  
Belvedere Spot  
Belvedere Wall






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 Captain Flint Outdoor




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# Landlord

Designed by Piero Lissoni



## Familie / Family

Landlord Spot

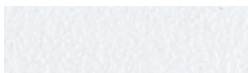
Landlord Soft

Landlord Ground



## Ausführungen / Colours

### Landlord Spot / Soft



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



71 Eloxiertes Schwarzes  
71 Anodized Black



12 Forest Green  
12 Forest Green

### Landlord Ground



05 Edelstahl  
05 Stainless Steel

### Landlord Spot

IP65-Projektor für die Außenanwendung, hergestellt aus einem gedrehten Aluminiumkörper, mit 24V versorgt, und in 2700K-, 3000K- und 4000K-Farbttemperaturen verfügbar. Bezüglich der horizontalen Achse kann der Lichtpunkt bis zu 30° nach unten und bis zu 90° nach oben gerichtet werden.

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 Erdspeießen 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 Farbttemperaturen 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 Erdspeießen mit der Möglichkeit eines optionalen Pfahls angebracht werden.

### Landlord Ground

IP67-Leuchten für vertiefte Bodeninstallation, 24V-Versorgung. Körper aus eloxiertem und anschließend geharztem 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.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen. Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

### Landlord Spot

IP65 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 spot can be oriented 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

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.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges. These effects are frequently caused by:

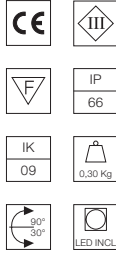
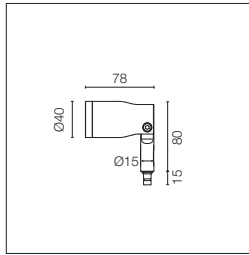
- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## Landlord Spot Ø40

**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

\*FIXT lm = Spot Optic



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 lenght outgoing cable and a wiring kit.

### 2700K

PWM Dimmable

- F004D21A001
- F004D21A006
- F004D21A012
- F004D21A018
- F004D21A030
- F004D21A033
- F004F21A071

### 3000K

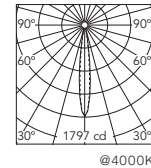
PWM Dimmable

- F004D31A001
- F004D31A006
- F004D31A012
- F004D31A018
- F004D31A030
- F004D31A033
- F004F31A071

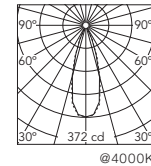
### 4000K

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	



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	

### 2700K

PWM Dimmable

- F004D22A001
- F004D22A006
- F004D22A012
- F004D22A018
- F004D22A030
- F004D22A033
- F004F22A071

### 3000K

PWM Dimmable

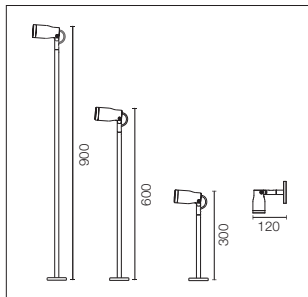
- F004D32A001
- F004D32A006
- F004D32A012
- F004D32A018
- F004D32A030
- F004D32A033
- F004F32A071

### 4000K

PWM Dimmable

- F004D42A001
- F004D42A006
- F004D42A012
- F004D42A018
- F004D42A030
- F004D42A033
- F004F42A071

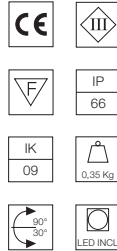
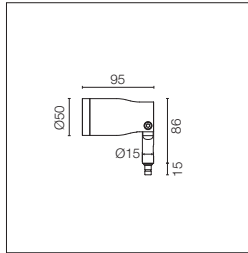
## Landlord Spot Ø40: Komplettes Produkt: Kopf + Stangenzubehör / Complete product: head + pole accessory



# Landlord Spot Ø50

**Spot Optic 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

**Medium Optic 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



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 dismantlable 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.

### 2700K

PWM Dimmable

- F004E21A001
- F004E21A006
- F004E21A012
- F004E21A018
- F004E21A030
- F004E21A033
- F004G21A071

### 3000K

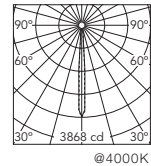
PWM Dimmable

- F004E31A001
- F004E31A006
- F004E31A012
- F004E31A018
- F004E31A030
- F004E31A033
- F004G31A071

### 4000K

PWM Dimmable

- F004E41A001
- F004E41A006
- F004E41A012
- F004E41A018
- F004E41A030
- F004E41A033
- F004G41A071



Beam Angle: 7°

h(m)	E(ft)	D(m)
1	3868	0.14
2	967	0.28
3	430	0.41
4	242	0.55
5	155	0.69

### 2700K

PWM Dimmable

- F004E22A001
- F004E22A006
- F004E22A012
- F004E22A018
- F004E22A030
- F004E22A033
- F004G22A071

### 3000K

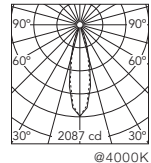
PWM Dimmable

- F004E32A001
- F004E32A006
- F004E32A012
- F004E32A018
- F004E32A030
- F004E32A033
- F004G32A071

### 4000K

PWM Dimmable

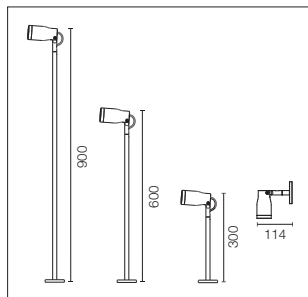
- F004E42A001
- F004E42A006
- F004E42A012
- F004E42A018
- F004E42A030
- F004E42A033
- F004G42A071



Beam Angle: 24°

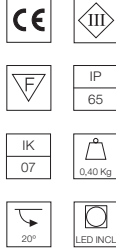
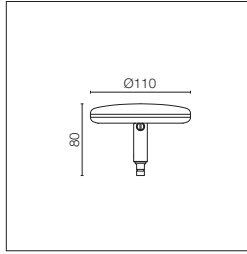
h(m)	E(ft)	D(m)
1	2087	0.47
2	522	0.94
3	232	1.41
4	130	1.88
5	83	2.35

## Landlord Spot Ø50: Komplettes Produkt: Kopf + Stangenzubehör / Complete product: head + pole accessory



## Landlord Soft

**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



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.

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 length outgoing cable and a wiring kit.

### 2700K

PWM Dimmable

- F004C20A001
- F004C20A006
- F004C20A012
- F004C20A018
- F004C20A030
- F004C20A033
- F004H20A071

### 3000K

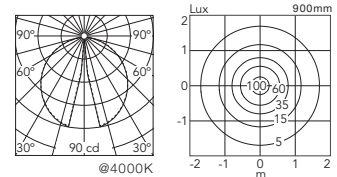
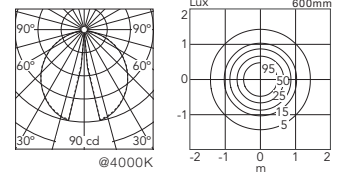
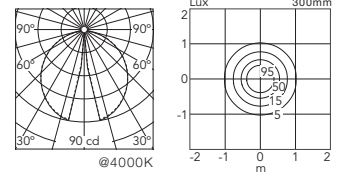
PWM Dimmable

- F004C30A001
- F004C30A006
- F004C30A012
- F004C30A018
- F004C30A030
- F004C30A033
- F004H30A071

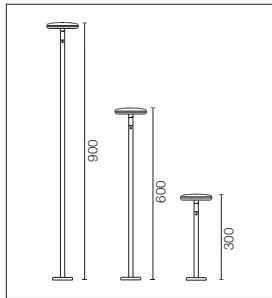
### 4000K

PWM Dimmable

- F004C40A001
- F004C40A006
- F004C40A012
- F004C40A018
- F004C40A030
- F004C40A033
- F004H40A071



## Landlord Soft: Komplettes Produkt: Kopf + Stangenzubehör / Complete product: head + pole accessory



## Landlord: Zubehörteile / Accessories

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.

Landlord Spot / Soft  
H 300 mm

- F004Z010001
- F004Z010006
- F004Z010012
- F004Z010018
- F004Z010030
- F004Z010033
- F004Z0D0071

H 600 mm








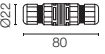
- F004Z020001
- F004Z020006
- F004Z020012
- F004Z020018
- F004Z020030
- F004Z020033
- F004Z0E0071

H 900 mm

- F004Z030001
- F004Z030006
- F004Z030012
- F004Z030018
- F004Z030030
- F004Z030033
- F004Z0F0071



## Landlord: Zubehörteile / Accessories

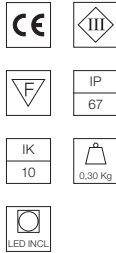
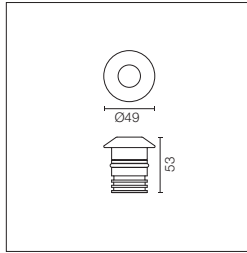
Wandbasis.	Wall base.	Landlord Spot <ul style="list-style-type: none"> <li>○ F004Z040001</li> <li>● F004Z040006</li> <li>● F004Z040012</li> <li>● F004Z040018</li> <li>● F004Z040030</li> <li>● F004Z040033</li> <li>● F004Z0A0071</li> </ul>	
Erdpfosten. Auf den Stangen mit Basis zu montieren.	Earth stick. To be mounted on poles with base.	Landlord Spot / Soft 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.	Tree strap. Accessory for spot installation directly on three branch, from ø30mm up to ø100mm.	Landlord Spot F004Z070000	
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	 

## Landlord Ground Ø49

**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



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.

### 2700K

Non Dimmable

- F004A21A005 PWM Dimmable
- F004A21H005 Non Dimmable with honeycomb
- F004A26A00501

### 3000K

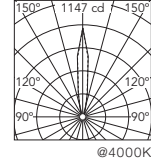
Non Dimmable

- F004A31A005 PWM Dimmable
- F004A31H005 Non Dimmable with honeycomb
- F004A36A00501

### 4000K

Non Dimmable

- F004A41A005 PWM Dimmable
- F004A41H005 Non Dimmable with honeycomb
- F004A46A00501



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	

### 2700K

Non Dimmable

- F004A22A005 PWM Dimmable
- F004A22H005 Non Dimmable with honeycomb
- F004A27A00502

### 3000K

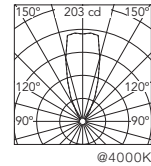
Non Dimmable

- F004A32A005 PWM Dimmable
- F004A32H005 Non Dimmable with honeycomb
- F004A37A00502

### 4000K

Non Dimmable

- F004A42A005 PWM Dimmable
- F004A42H005 Non Dimmable with honeycomb
- F004A47A00502

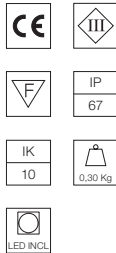
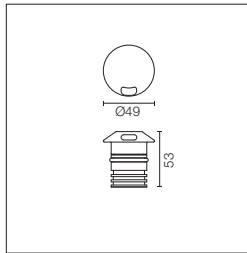


Beam Angle: 40°			
h(m)	E(lx)	D(m)	
1	203	0.72	
2	51	1.44	
3	23	2.16	
4	13	2.88	
5	8	3.61	

## Landlord Ground Ø49 1 Beam

**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



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.

### 2700K

Non Dimmable

- F004A23A005 PWM Dimmable
- F004A23H005

### 3000K

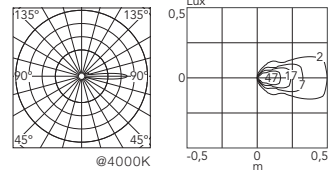
Non Dimmable

- F004A33A005 PWM Dimmable
- F004A33H005

### 4000K

Non Dimmable

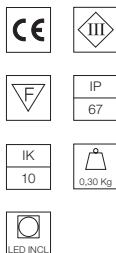
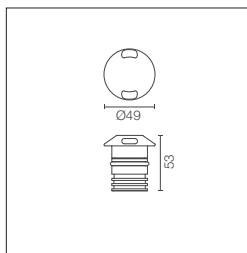
- F004A43A005 PWM Dimmable
- F004A43H005



## Landlord Ground Ø49 2 Beams

**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



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.

### 2700K

Non Dimmable

- F004A24A005 PWM Dimmable
- F004A24H005

### 3000K

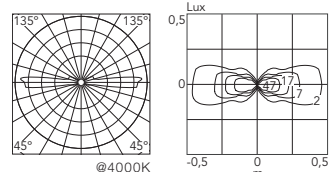
Non Dimmable

- F004A34A005 PWM Dimmable
- F004A34H005

### 4000K

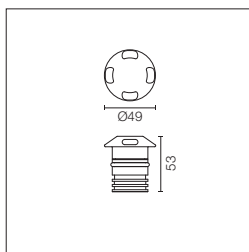
Non Dimmable

- F004A44A005 PWM Dimmable
- F004A44H005



## Landlord Ground Ø49 4 Beams

**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



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.

### 2700K

Non Dimmable

- F004A25A005 PWM Dimmable
- F004A25H005

### 3000K

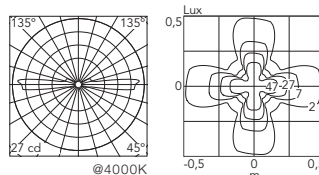
Non Dimmable

- F004A35A005 PWM Dimmable
- F004A35H005

### 4000K

Non Dimmable

- F004A45A005 PWM Dimmable
- F004A45H005

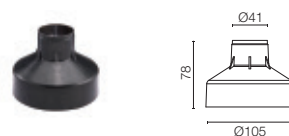


## Landlord Ground Ø49: Zubehörteile / Accessories

Einbaugehäuse.

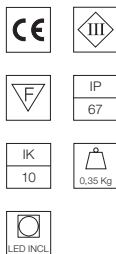
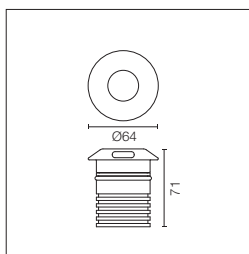
Box for installation.

F004Z0J000



## Landlord Ground Ø64

**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



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.

### 2700K

Non Dimmable

- F004B21A005 PWM Dimmable
- F004B21H005 Non Dimmable with honeycomb
- F004B26A00501

### 3000K

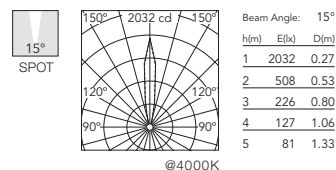
Non Dimmable

- F004B31A005 PWM Dimmable
- F004B31H005 Non Dimmable with honeycomb
- F004B36A00501

### 4000K

Non Dimmable

- F004B41A005 PWM Dimmable
- F004B41H005 Non Dimmable with honeycomb
- F004B46A00501



### 2700K

Non Dimmable

- F004B22A005 PWM Dimmable
- F004B22H005 Non Dimmable with honeycomb
- F004B27A00502

### 3000K

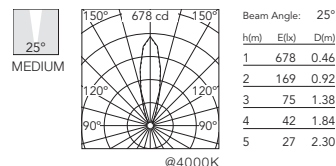
Non Dimmable

- F004B32A005 PWM Dimmable
- F004B32H005 Non Dimmable with honeycomb
- F004B37A00502

### 4000K

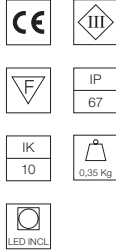
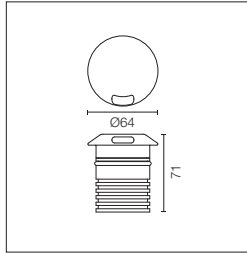
Non Dimmable

- F004B42A005 PWM Dimmable
- F004B42H005 Non Dimmable with honeycomb
- F004B47A00502



## Landlord Ground Ø64 1 Beam

**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



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.

### 2700K

Non Dimmable

- F004B23A005
- PWM Dimmable
- F004B23H005

### 3000K

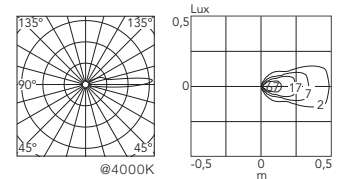
Non Dimmable

- F004B33A005
- PWM Dimmable
- F004B33H005

### 4000K

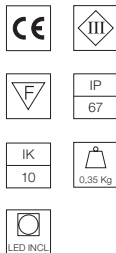
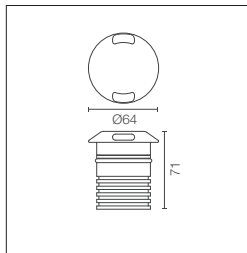
Non Dimmable

- F004B43A005
- PWM Dimmable
- F004B43H005



## Landlord Ground Ø64 2 Beams

**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



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.

### 2700K

Non Dimmable

- F004B24A005
- PWM Dimmable
- F004B24H005

### 3000K

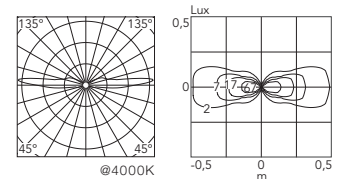
Non Dimmable

- F004B34A005
- PWM Dimmable
- F004B34H005

### 4000K

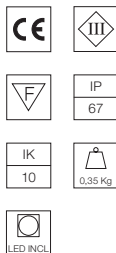
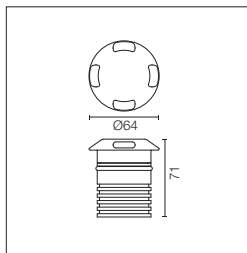
Non Dimmable

- F004B44A005
- PWM Dimmable
- F004B44H005



## Landlord Ground Ø64 4 Beams

**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



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.

### 2700K

Non Dimmable

- F004B25A005
- PWM Dimmable
- F004B25H005

### 3000K

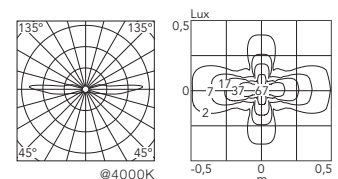
Non Dimmable

- F004B35A005
- PWM Dimmable
- F004B35H005

### 4000K

Non Dimmable

- F004B45A005
- PWM Dimmable
- F004B45H005

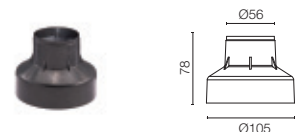


## Landlord Ground Ø64: Zubehörteile / Accessories

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

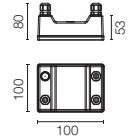


## Landlord (all versions): Power Supply Dimmable

Netzgerät 120/270Vac /  
24Vdc. 1-10V PWM control.  
IP67.

Power supply 120/270Vac /  
24Vdc. 1-10V PWM control.  
IP67.

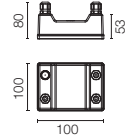
35W  
F990B02A000  
70W  
F990B04A000



Netzgerät 120/270Vac /  
24Vdc. DALI PWM control.  
IP67.

Power supply 120/270Vac /  
24Vdc. DALI PWM control.  
IP67.

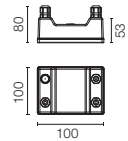
35W  
F990B03A000  
70W  
F990B05A000



1-10V PWM-  
Steuerungsschnittstelle  
24Vdc 120W. IP67. Netzgerät  
nicht eingeschlossen.

1-10V PWM control interface  
24Vdc 120W. IP67. Power  
supply not included.

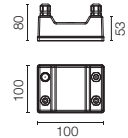
F990B00A000



DALI PWM-  
Steuerungsschnittstelle  
24Vdc 120W. IP67. Netzgerät  
nicht eingeschlossen.

DALI PWM control interface  
24Vdc 120W. IP67. Power  
supply not included.

F990B01A000

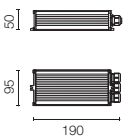


## Only for Landlord Soft: Power Supply Dimmable

Netzgerät für den Fernbau  
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  
Dimmable DALI

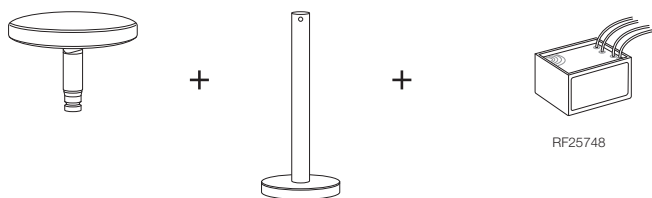


## Landlord: Power Supply Non Dimmable

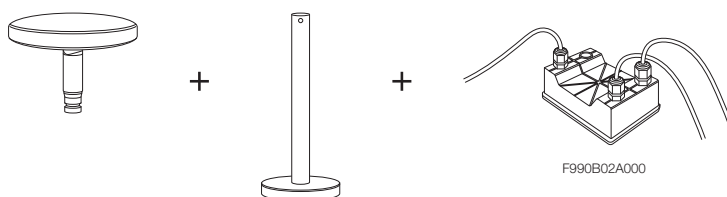
<p>Netzgerät 24V 8W / 110-240V IP20 Klasse II selv.</p>	<p>Power supply 24V 8W / 110- 240V IP20 Class II selv.</p>	<p>RF25754</p>		
<p>Netzgerät 24V 8W / 110-240V IP65 Klasse II selv.</p>	<p>Power supply 24V 8W / 110- 240V IP65 Class II selv.</p>	<p>RF25748</p>		
<p>Netzgerät 24V 10W / 110- 240V IP20 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 24Vdc 50W / 120- 240V IP67 Klasse II selv.</p>	<p>Power supply 24Vdc 50W / 120-240V IP67 Class II selv.</p>	<p>RF25755</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>RF25749</p>		

## 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)

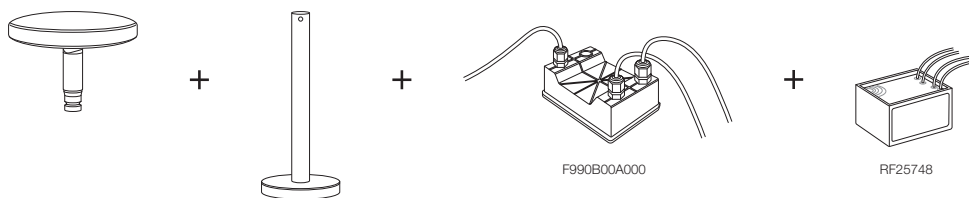


Dimmbar 1-10 V= Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc 1-10 V PWM-Steuerung IP67 (F990B02A000)  
 Dimmable 1-10V = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc 1-10V PWM control IP67 (F990B02A000)

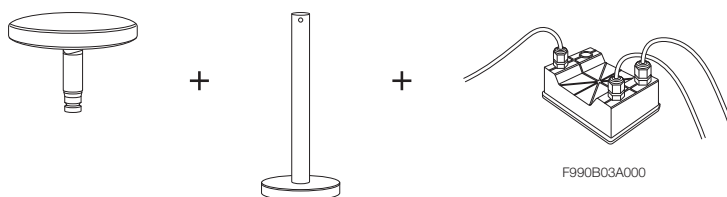


Dimmbar 1-10 V: PWM-Steuerschnittstelle + Netzteil = Produktcode (F004C30A001 + F004Z010001) + PWM-Steuerschnittstelle 1-10 V PWM 24 Vdc 120 W IP67 (F990B00A000) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748) oder andere externe Stromversorgung 24Vdc

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

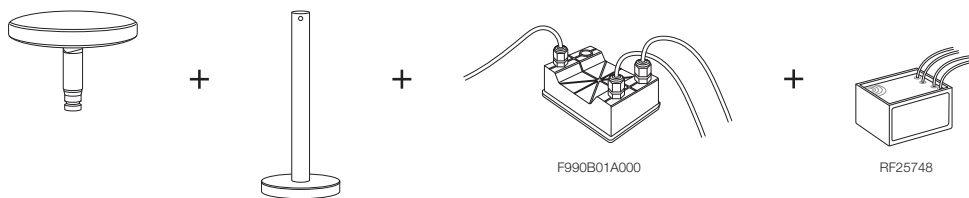


Dimmbar DALI = Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc DALI-PWM-Steuerung IP67 (F990B03A000)  
 Dimmable DALI = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc DALI PWM control IP67 (F990B03A000)



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



Designed by Edward Barber & Jay Osgerby

**Bellhop**



## Familie / Family

Bellhop Wall



Bellhop Bollard



Bellhop Pole



## Ausführungen / Colours

### Bellhop



01 Weiss\*  
01 White\*



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz\*  
30 Black\*



18 Deep Brown  
18 Deep Brown



05 Edelstahl\*  
05 Stainless Steel\*



12 Forest Green\*  
12 Forest Green\*

\* 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.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

### **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.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

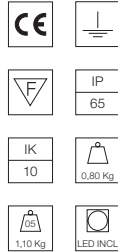
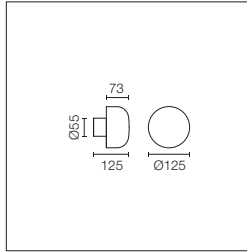
These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the over-voltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

# Bellhop Wall

**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



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.

## 2700K

Non Dimmable

- F003C21A001
- F003C21A006
- F003C21A012
- F003C21A018
- F003C21A030
- F003C21A033
- F003C21A033
- F003C21A033
- F003C21A005
- 1-10V
- F003C21B001
- F003C21B006
- F003C21B012
- F003C21B018
- F003C21B030
- F003C21B033
- F003C21B033
- F003C21B005
- Dali
- F003C21D001
- F003C21D006
- F003C21D012
- F003C21D018
- F003C21D030
- F003C21D033
- F003C21D033
- F003C21D005

## 3000K

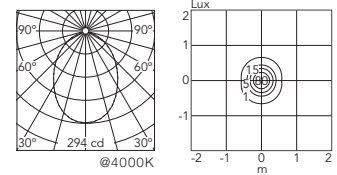
Non Dimmable

- F003C31A001
- F003C31A006
- F003C31A012
- F003C31A018
- F003C31A030
- F003C31A033
- F003C31A033
- F003C31A005
- 1-10V
- F003C31B001
- F003C31B006
- F003C31B012
- F003C31B018
- F003C31B030
- F003C31B033
- F003C31B033
- F003C31B005
- Dali
- F003C31D001
- F003C31D006
- F003C31D012
- F003C31D018
- F003C31D030
- F003C31D033
- F003C31D033
- F003C31D005

## 4000K

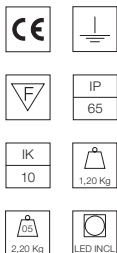
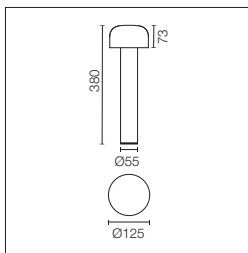
Non Dimmable

- F003C41A001
- F003C41A006
- F003C41A012
- F003C41A018
- F003C41A030
- F003C41A033
- F003C41A033
- F003C41A005
- 1-10V
- F003C41B001
- F003C41B006
- F003C41B012
- F003C41B018
- F003C41B030
- F003C41B033
- F003C41B033
- F003C41B005
- Dali
- F003C41D001
- F003C41D006
- F003C41D012
- F003C41D018
- F003C41D030
- F003C41D033
- F003C41D033
- F003C41D005



# Bellhop Bollard H 380 mm

**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



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.  
Reccomended connection wit a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.

## 2700K

Non Dimmable

- F003A21A001
- F003A21A006
- F003A21A012
- F003A21A018
- F003A21A030
- F003A21A033
- F003A21A005
- 1-10V
- F003A21B001
- F003A21B006
- F003A21B012
- F003A21B018
- F003A21B030
- F003A21B033
- F003A21B005
- Dali
- F003A21D001
- F003A21D006
- F003A21D012
- F003A21D018
- F003A21D030
- F003A21D033
- F003A21D005

## 3000K

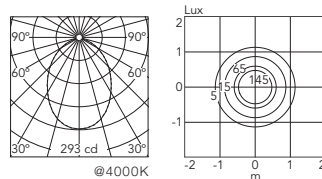
Non Dimmable

- F003A31A001
- F003A31A006
- F003A31A012
- F003A31A018
- F003A31A030
- F003A31A033
- F003A31A005
- 1-10V
- F003A31B001
- F003A31B006
- F003A31B012
- F003A31B018
- F003A31B030
- F003A31B033
- F003A31B005
- Dali
- F003A31D001
- F003A31D006
- F003A31D012
- F003A31D018
- F003A31D030
- F003A31D033
- F003A31D005

## 4000K

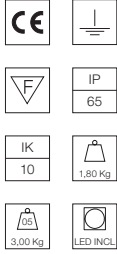
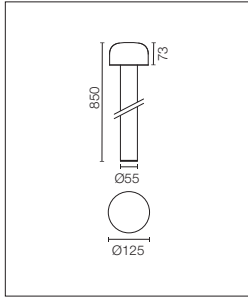
Non Dimmable

- F003A41A001
- F003A41A006
- F003A41A012
- F003A41A018
- F003A41A030
- F003A41A033
- F003A41A005
- 1-10V
- F003A41B001
- F003A41B006
- F003A41B012
- F003A41B018
- F003A41B030
- F003A41B033
- F003A41B005
- Dali
- F003A41D001
- F003A41D006
- F003A41D012
- F003A41D018
- F003A41D030
- F003A41D033
- F003A41D005



# Bellhop Bollard H 850 mm

**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



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. Reccomended connection wit a 2 way terminal block 4 poles IP68 H<sub>2</sub>O Stop, to be ordered separately.

## 2700K

Non Dimmable

- F003B21A001
- F003B21A006
- F003B21A012
- F003B21A018
- F003B21A030
- F003B21A033
- F003B21A005

1-10V

- F003B21B001
- F003B21B006
- F003B21B012
- F003B21B018
- F003B21B030
- F003B21B033
- F003B21B005

Dali

- F003B21D001
- F003B21D006
- F003B21D012
- F003B21D018
- F003B21D030
- F003B21D033
- F003B21D005

## 3000K

Non Dimmable

- F003B31A001
- F003B31A006
- F003B31A012
- F003B31A018
- F003B31A030
- F003B31A033
- F003B31A005

1-10V

- F003B31B001
- F003B31B006
- F003B31B012
- F003B31B018
- F003B31B030
- F003B31B033
- F003B31B005

Dali

- F003B31D001
- F003B31D006
- F003B31D012
- F003B31D018
- F003B31D030
- F003B31D033
- F003B31D005

## 4000K

Non Dimmable

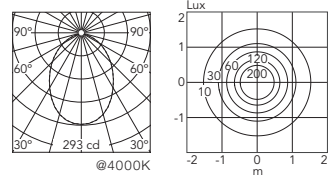
- F003B41A001
- F003B41A006
- F003B41A012
- F003B41A018
- F003B41A030
- F003B41A033
- F003B41A005

1-10V

- F003B41B001
- F003B41B006
- F003B41B012
- F003B41B018
- F003B41B030
- F003B41B033
- F003B41B005

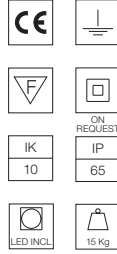
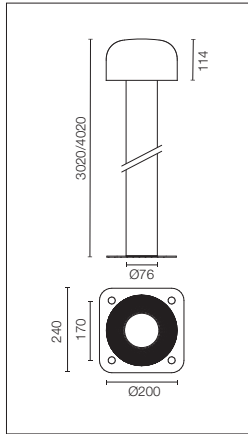
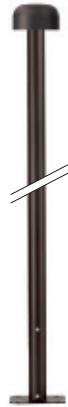
Dali

- F003B41D001
- F003B41D006
- F003B41D012
- F003B41D018
- F003B41D030
- F003B41D033
- F003B41D005



# Bellhop Pole with base

**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



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.

### 2700K

H 3020 mm

Non Dimmable

- F003H21A006
- F003H21A033
- F003H21A018
- 1-10V
- F003H21B006
- F003H21B033
- F003H21B018
- Dali
- F003H21D006
- F003H21D033
- F003H21D018

### 3000K

H 3020 mm

Non Dimmable

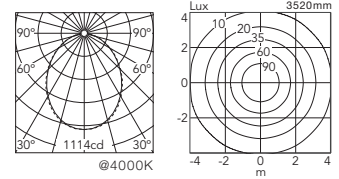
- F003H31A006
- F003H31A033
- F003H31A018
- 1-10V
- F003H31B006
- F003H31B033
- F003H31B018
- Dali
- F003H31D006
- F003H31D033
- F003H31D018

### 4000K

H 3020 mm

Non Dimmable

- F003H41A006
- F003H41A033
- F003H41A018
- 1-10V
- F003H41B006
- F003H41B033
- F003H41B018
- Dali
- F003H41D006
- F003H41D033
- F003H41D018



### 2700K

H 4020 mm

Non Dimmable

- F003L21A006
- F003L21A033
- F003L21A018
- 1-10V
- F003L21B006
- F003L21B033
- F003L21B018
- Dali
- F003L21D006
- F003L21D033
- F003L21D018

### 3000K

H 4020 mm

Non Dimmable

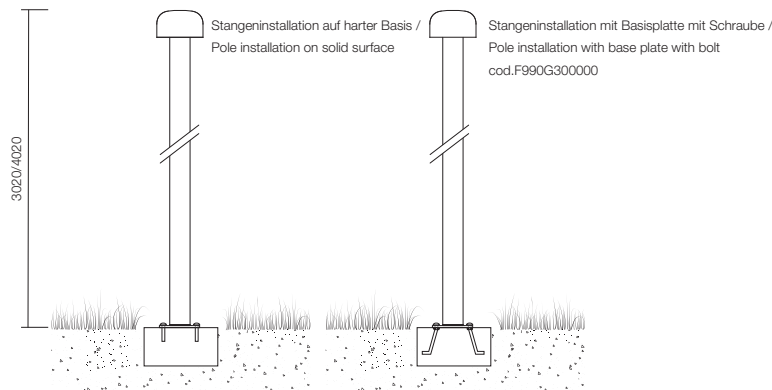
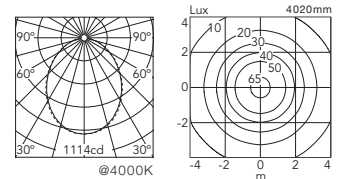
- F003L31A006
- F003L31A033
- F003L31A018
- 1-10V
- F003L31B006
- F003L31B033
- F003L31B018
- Dali
- F003L31D006
- F003L31D033
- F003L31D018

### 4000K

H 4020 mm

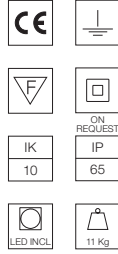
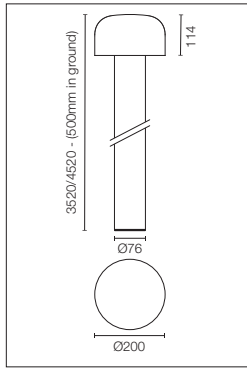
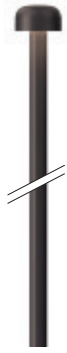
Non Dimmable

- F003L41A006
- F003L41A033
- F003L41A018
- 1-10V
- F003L41B006
- F003L41B033
- F003L41B018
- Dali
- F003L41D006
- F003L41D033
- F003L41D018



## Bellhop Pole in ground

**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



220-240V Netzteil inbegriffen.  
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 in ground installation.  
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.

### 2700K

H 3520 mm

Non Dimmable

- F003G21A006
- F003G21A033
- F003G21A018
- 1-10V
- F003G21B006
- F003G21B033
- F003G21B018
- Dali
- F003G21D006
- F003G21D033
- F003G21D018

### 3000K

H 3520 mm

Non Dimmable

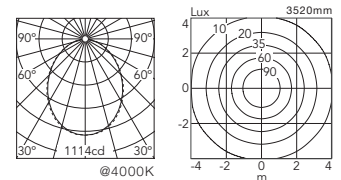
- F003G31A006
- F003G31A033
- F003G31A018
- 1-10V
- F003G31B006
- F003G31B033
- F003G31B018
- Dali
- F003G31D006
- F003G31D033
- F003G31D018

### 4000K

H 3520 mm

Non Dimmable

- F003G41A006
- F003G41A033
- F003G41A018
- 1-10V
- F003G41B006
- F003G41B033
- F003G41B018
- Dali
- F003G41D006
- F003G41D033
- F003G41D018



### 2700K

H 4520 mm

Non Dimmable

- F003K21A006
- F003K21A033
- F003K21A018
- 1-10V
- F003K21B006
- F003K21B033
- F003K21B018
- Dali
- F003K21D006
- F003K21D033
- F003K21D018

### 3000K

H 4520 mm

Non Dimmable

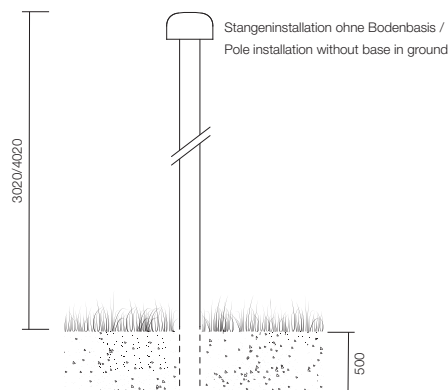
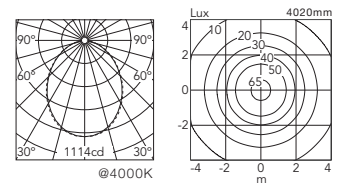
- F003K31A006
- F003K31A033
- F003K31A018
- 1-10V
- F003K31B006
- F003K31B033
- F003K31B018
- Dali
- F003K31D006
- F003K31D033
- F003K31D018

### 4000K

H 4520 mm

Non Dimmable

- F003K41A006
- F003K41A033
- F003K41A018
- 1-10V
- F003K41B006
- F003K41B033
- F003K41B018
- Dali
- F003K41D006
- F003K41D033
- F003K41D018

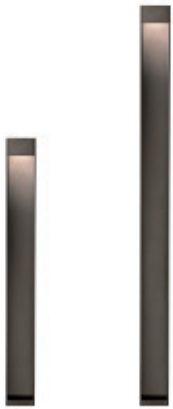


## Bellhop: Zubehörteile / Accessories

Stiftschraubenplatte.	Base plate with bolt.	Bellhop Bollard Ø125 F003Z010000		
Basisplatte mit Schraube für Bellhop-Stange mit Basis.	Base plate with bolt for Bellhop Pole with base version.	Bellhop Pole Ø200 F990G300000		
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		







**Ausführungen / Colours**

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**Klein Pro**



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



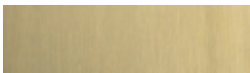
12 Forest Green  
12 Forest Green



70 Eloxiertes Natürliches  
70 Anodized Natural



71 Eloxiertes Schwarzes  
71 Anodized Black



73 Eloxiertes Gold  
73 Anodized Gold  
\*nur für Schirmstange  
\*only for pole screen

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 QUALICO-AT-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.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden. Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen. Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt. Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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. Klein Pro is compatible with existing "Klein" fixing plate.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

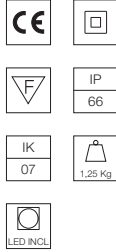
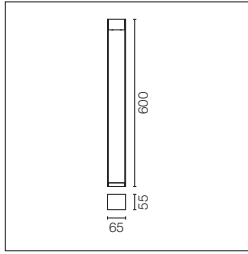
For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges. These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

# Klein Pro H 600 mm

**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



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.

## 2700K

Non Dimmable

- F002A20A001.A
- F002A20A006.A
- F002A20A012.A
- F002A20A018.A
- F002A20A030.A
- F002A20A033.A
- F002A21A070.A
- F002A21A071.A
- 1-10V
- F002A20B001.A
- F002A20B006.A
- F002A20B012.A
- F002A20B018.A
- F002A20B030.A
- F002A20B033.A
- F002A21B070.A
- F002A21B071.A
- Dali
- F002A20D001.A
- F002A20D006.A
- F002A20D012.A
- F002A20D018.A
- F002A20D030.A
- F002A20D033.A
- F002A21D070.A
- F002A21D071.A

## 3000K

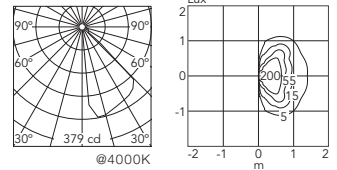
Non Dimmable

- F002A30A001.A
- F002A30A006.A
- F002A30A012.A
- F002A30A018.A
- F002A30A030.A
- F002A30A033.A
- F002A31A070.A
- F002A31A071.A
- 1-10V
- F002A30B001.A
- F002A30B006.A
- F002A30B012.A
- F002A30B018.A
- F002A30B030.A
- F002A30B033.A
- F002A31B070.A
- F002A31B071.A
- Dali
- F002A30D001.A
- F002A30D006.A
- F002A30D012.A
- F002A30D018.A
- F002A30D030.A
- F002A30D033.A
- F002A31D070.A
- F002A31D071.A

## 4000K

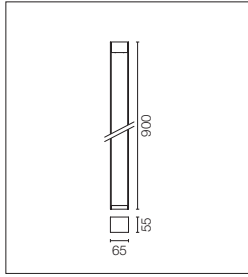
Non Dimmable

- F002A40A001.A
- F002A40A006.A
- F002A40A012.A
- F002A40A018.A
- F002A40A030.A
- F002A40A033.A
- F002A41A070.A
- F002A41A071.A
- 1-10V
- F002A40B001.A
- F002A40B006.A
- F002A40B012.A
- F002A40B018.A
- F002A40B030.A
- F002A40B033.A
- F002A41B070.A
- F002A41B071.A
- Dali
- F002A40D001.A
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- F002A40D018.A
- F002A40D030.A
- F002A40D033.A
- F002A41D070.A
- F002A41D071.A



# Klein Pro H 900 mm

**Power Led:** 11W - 1089 lm ≠ FIXT 292 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



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.

## 2700K

Non Dimmable

- F002B20A001.A
- F002B20A006.A
- F002B20A012.A
- F002B20A018.A
- F002B20A030.A
- F002B20A033.A
- F002B21A070.A
- F002B21A071.A
- 1-10V
- F002B20B001.A
- F002B20B006.A
- F002B20B012.A
- F002B20B018.A
- F002B20B030.A
- F002B20B033.A
- F002B21B070.A
- F002B21B071.A
- Dali
- F002B20D001.A
- F002B20D006.A
- F002B20D012.A
- F002B20D018.A
- F002B20D030.A
- F002B20D033.A
- F002B21D070.A
- F002B21D071.A

## 3000K

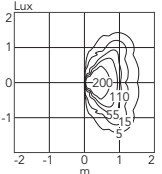
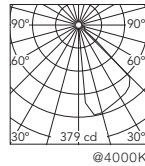
Non Dimmable

- F002B30A001.A
- F002B30A006.A
- F002B30A012.A
- F002B30A018.A
- F002B30A030.A
- F002B30A033.A
- F002B31A070.A
- F002B31A071.A
- 1-10V
- F002B30B001.A
- F002B30B006.A
- F002B30B012.A
- F002B30B018.A
- F002B30B030.A
- F002B30B033.A
- F002B31B070.A
- F002B31B071.A
- Dali
- F002B30D001.A
- F002B30D006.A
- F002B30D012.A
- F002B30D018.A
- F002B30D030.A
- F002B30D033.A
- F002B31D070.A
- F002B31D071.A





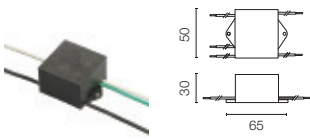
## 4000K

Non Dimmable

- F002B40A001.A
- F002B40A006.A
- F002B40A012.A
- F002B40A018.A
- F002B40A030.A
- F002B40A033.A
- F002B41A070.A
- F002B41A071.A
- 1-10V
- F002B40B001.A
- F002B40B006.A
- F002B40B012.A
- F002B40B018.A
- F002B40B030.A
- F002B40B033.A
- F002B41B070.A
- F002B41B071.A
- Dali
- F002B40D001.A
- F002B40D006.A
- F002B40D012.A
- F002B40D018.A
- F002B40D030.A
- F002B40D033.A
- F002B41D070.A
- F002B41D071.A

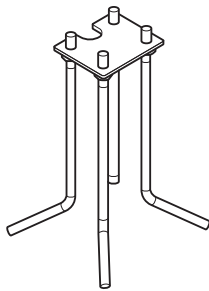
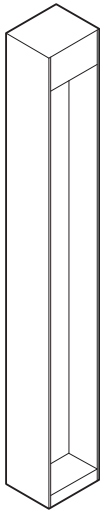


## Klein Pro: Zubehörteile / Accessories

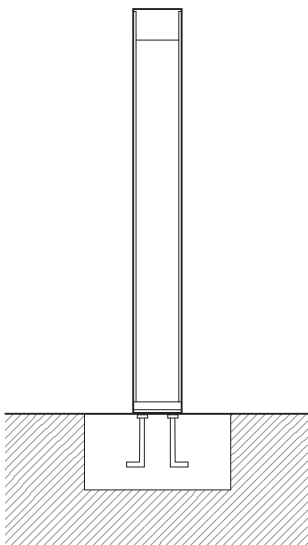
Befestigungsbasis für feste Oberflächen.	Fixing base for solid surfaces.	<ul style="list-style-type: none"> <li>○ F002Z010001.A</li> <li>● F002Z010006.A</li> <li>● F002Z010012.A</li> <li>● F002Z010018.A</li> <li>● F002Z010030.A</li> <li>● F002Z010033.A</li> </ul>	
Minimal Klein Pro Bodenplatte, 47x57xH160 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

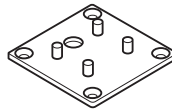
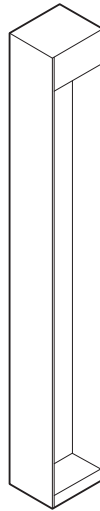
Option 1  
Mit Schwellenschrauben /  
Fixing anchor bolts



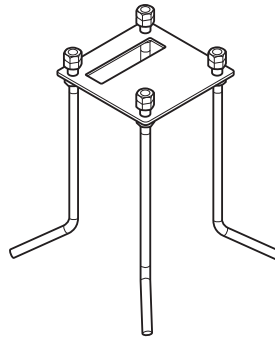
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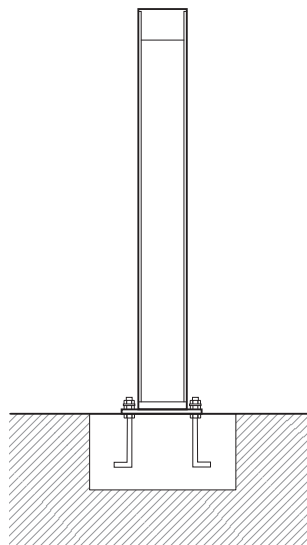
Option 2  
Mit Basis und Schwellenschrauben /  
With base and fixing anchor bolts



cod. F002Z0100.A



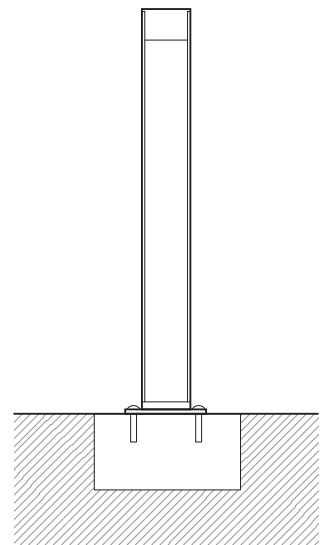
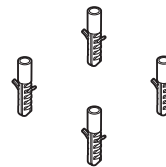
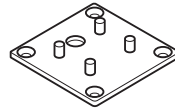
cod. F002Z020000



Option 3  
Befestigungsbasis mit Dübel (nicht im  
Lieferumfang enthalten) /  
With base for bolts (not included)



cod. F002Z0100.A







## Familie / Family

Casting Concrete



Casting C



W: **100**  
H: 200 / **500** / 700 mm



W: **150**  
H: 250 / **500** / 850 mm

Casting T



W: **100**  
H: 200 / **500** / 700 mm



W: **150**  
H: 250 / **500** / 850 mm

## Ausführungen / Colours

Casting Concrete



89 Beton  
89 Concrete

Casting C / T



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

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. Die Installation wird auf einer Zementplatte oder auf einer flachen Oberfläche empfohlen.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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.

We recommend installation on a plinth of cement or on a flat surface.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

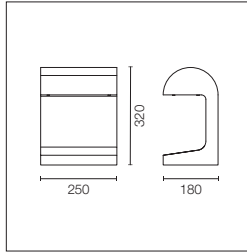
For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
  - electrostatic discharge (ESD) coming from the environment.
- The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## Casting Concrete

**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



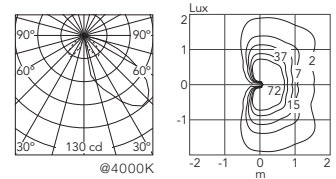
220/240V Netzgerät inbegriffen.  
Dimmbare Versionen auf Anfrage erhältlich.

220/240V power supply integrated.  
Dimmable versions available on request.

**2700K**  
● F1330089

**3000K**  
● F1331089

**4000K**  
● F1332089



## 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).

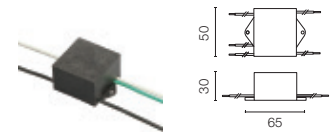
F990C010000



Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 20us). Maximaler  
Betriebsstrom 5A. Geeignet  
für Reihenschaltung. IP66.

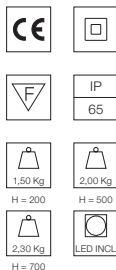
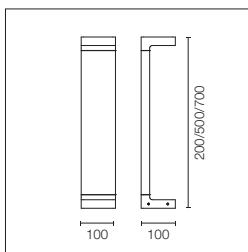
Surge protection device.  
275Vac. Maximum discharge  
current 10KA (8/20us).  
Maximum operating current  
5A. Suitable for series  
connection. IP66.

F990E00A000



# Casting C 100

**Power Led:** 7W - 1x540 lm ≠ FIXT 272 lm - 2700K/CRI 80 - 110-240V / 7W - 1x585 lm ≠ FIXT 295 lm - 3000K/CRI 80 - 110-240V / 7W - 1x630 lm ≠ FIXT 317 lm - 4000K/CRI 80 - 110-240V



110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

## 2700K

H 200 mm

- F1210001
- F1210006
- F1210033
- F1210030
- F1210018
- F1210012

## 2700K

H 500 mm

- F1213001
- F1213006
- F1213033
- F1213030
- F1213018
- F1213012

## 2700K

H 700 mm

- F1216001
- F1216006
- F1216033
- F1216030
- F1216018
- F1216012

## 3000K

H 200 mm

- F1211001
- F1211006
- F1211033
- F1211030
- F1211018
- F1211012

## 3000K

H 500 mm

- F1214001
- F1214006
- F1214033
- F1214030
- F1214018
- F1214012

## 3000K

H 700 mm

- F1217001
- F1217006
- F1217033
- F1217030
- F1217018
- F1217012

## 4000K

H 200 mm

- F1212001
- F1212006
- F1212033
- F1212030
- F1212018
- F1212012

## 4000K

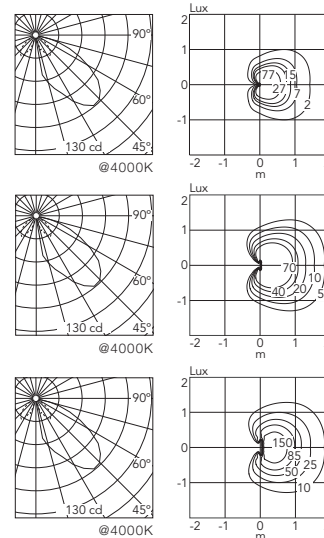
H 500 mm

- F1215001
- F1215006
- F1215033
- F1215030
- F1215018
- F1215012

## 4000K

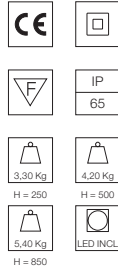
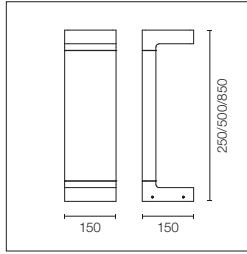
H 700 mm

- F1218001
- F1218006
- F1218033
- F1218030
- F1218018
- F1218012



# Casting C 150

**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



110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

## 2700K

H 250 mm - Non Dimmable

- F1230001
- F1230006
- F1230033
- F1230030
- F1230018
- F1230012
- 1-10V
- F1230001-310
- F1230006-310
- F1230033-310
- F1230030-310
- F1230018-310
- F1230012-310
- Dali
- F1230001-300
- F1230006-300
- F1230033-300
- F1230030-300
- F1230018-300
- F1230012-300

## 3000K

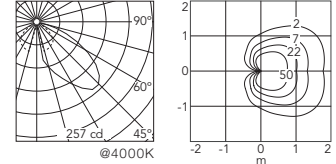
H 250 mm - Non Dimmable

- F1231001
- F1231006
- F1231033
- F1231030
- F1231018
- F1231012
- 1-10V
- F1231001-310
- F1231006-310
- F1231033-310
- F1231030-310
- F1231018-310
- F1231012-310
- Dali
- F1231001-300
- F1231006-300
- F1231033-300
- F1231030-300
- F1231018-300
- F1231012-300

## 4000K

H 250 mm - Non Dimmable

- F1232001
- F1232006
- F1232033
- F1232030
- F1232018
- F1232012
- 1-10V
- F1232001-310
- F1232006-310
- F1232033-310
- F1232030-310
- F1232018-310
- F1232012-310
- Dali
- F1232001-300
- F1232006-300
- F1232033-300
- F1232030-300
- F1232018-300
- F1232012-300



## 2700K

H 500 mm - Non Dimmable

- F1233001
- F1233006
- F1233033
- F1233030
- F1233018
- F1233012
- 1-10V
- F1233001-310
- F1233006-310
- F1233033-310
- F1233030-310
- F1233018-310
- F1233012-310
- Dali
- F1233001-300
- F1233006-300
- F1233033-300
- F1233030-300
- F1233018-300
- F1233012-300

## 3000K

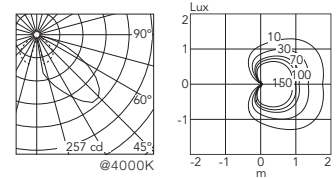
H 500 mm - Non Dimmable

- F1234001
- F1234006
- F1234033
- F1234030
- F1234018
- F1234012
- 1-10V
- F1234001-310
- F1234006-310
- F1234033-310
- F1234030-310
- F1234018-310
- F1234012-310
- Dali
- F1234001-300
- F1234006-300
- F1234033-300
- F1234030-300
- F1234018-300
- F1234012-300

## 4000K

H 500 mm - Non Dimmable

- F1235001
- F1235006
- F1235033
- F1235030
- F1235018
- F1235012
- 1-10V
- F1235001-310
- F1235006-310
- F1235033-310
- F1235030-310
- F1235018-310
- F1235012-310
- Dali
- F1235001-300
- F1235006-300
- F1235033-300
- F1235030-300
- F1235018-300
- F1235012-300



## 2700K

H 850 mm - Non Dimmable

- F1236001
- F1236006
- F1236033
- F1236030
- F1236018
- F1236012
- 1-10V
- F1236001-310
- F1236006-310
- F1236033-310
- F1236030-310
- F1236018-310
- F1236012-310
- Dali
- F1236001-300
- F1236006-300
- F1236033-300
- F1236030-300
- F1236018-300
- F1236012-300

## 3000K

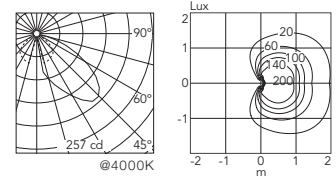
H 850 mm - Non Dimmable

- F1237001
- F1237006
- F1237033
- F1237030
- F1237018
- F1237012
- 1-10V
- F1237001-310
- F1237006-310
- F1237033-310
- F1237030-310
- F1237018-310
- F1237012-310
- Dali
- F1237001-300
- F1237006-300
- F1237033-300
- F1237030-300
- F1237018-300
- F1237012-300

## 4000K

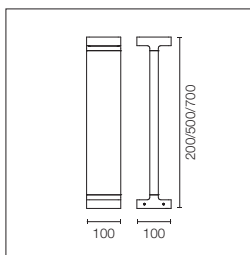
H 850 mm - Non Dimmable

- F1238001
- F1238006
- F1238033
- F1238030
- F1238018
- F1238012
- 1-10V
- F1238001-310
- F1238006-310
- F1238033-310
- F1238030-310
- F1238018-310
- F1238012-310
- Dali
- F1238001-300
- F1238006-300
- F1238033-300
- F1238030-300
- F1238018-300
- F1238012-300



# Casting T 100

**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



110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

## 2700K

H 200 mm

- F1250001
- F1250006
- F1250033
- F1250030
- F1250018
- F1250012

## 3000K

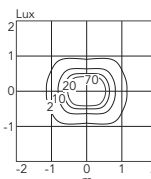
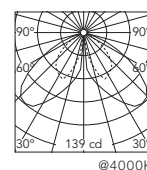
H 200 mm

- F1251001
- F1251006
- F1251033
- F1251030
- F1251018
- F1251012

## 4000K

H 200 mm

- F1252001
- F1252006
- F1252033
- F1252030
- F1252018
- F1252012



## 2700K

H 500 mm

- F1253001
- F1253006
- F1253033
- F1253030
- F1253018
- F1253012

## 3000K

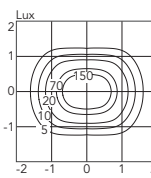
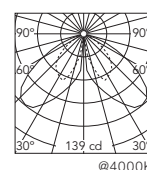
H 500 mm

- F1254001
- F1254006
- F1254033
- F1254030
- F1254018
- F1254012

## 4000K

H 500 mm

- F1255001
- F1255006
- F1255033
- F1255030
- F1255018
- F1255012



## 2700K

H 700 mm

- F1256001
- F1256006
- F1256033
- F1256030
- F1256018
- F1256012

## 3000K

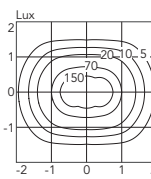
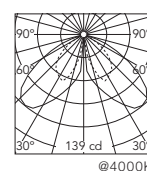
H 700 mm

- F1257001
- F1257006
- F1257033
- F1257030
- F1257018
- F1257012

## 4000K

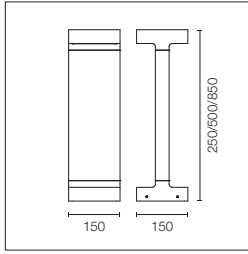
H 700 mm

- F1258001
- F1258006
- F1258033
- F1258030
- F1258018
- F1258012



# Casting T 150

**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



220/240V Netzgerät inbegriffen. Auf Anfrage 110-V-Version.

220/240V power supply integrated. Version 110V upon request.

## 2700K

H 250 mm - Non Dimmable

- F1270001
- F1270006
- F1270033
- F1270030
- F1270018
- F1270012

1-10V

- F1270001-310
- F1270006-310
- F1270033-310
- F1270030-310
- F1270018-310
- F1270012-310

Dali

- F1270001-300
- F1270006-300
- F1270033-300
- F1270030-300
- F1270018-300
- F1270012-300

## 3000K

H 250 mm - Non Dimmable

- F1271001
- F1271006
- F1271033
- F1271030
- F1271018
- F1271012

1-10V

- F1271001-310
- F1271006-310
- F1271033-310
- F1271030-310
- F1271018-310
- F1271012-310

Dali

- F1271001-300
- F1271006-300
- F1271033-300
- F1271030-300
- F1271018-300
- F1271012-300

## 4000K

H 250 mm - Non Dimmable

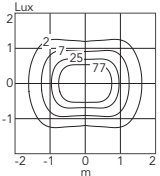
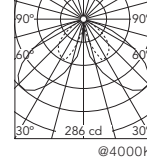
- F1272001
- F1272006
- F1272033
- F1272030
- F1272018
- F1272012

1-10V

- F1272001-310
- F1272006-310
- F1272033-310
- F1272030-310
- F1272018-310
- F1272012-310

Dali

- F1272001-300
- F1272006-300
- F1272033-300
- F1272030-300
- F1272018-300
- F1272012-300



## 2700K

H 500 mm - Non Dimmable

- F1273001
- F1273006
- F1273033
- F1273030
- F1273018
- F1273012

1-10V

- F1273001-310
- F1273006-310
- F1273033-310
- F1273030-310
- F1273018-310
- F1273012-310

Dali

- F1273001-300
- F1273006-300
- F1273033-300
- F1273030-300
- F1273018-300
- F1273012-300

## 3000K

H 500 mm - Non Dimmable

- F1274001
- F1274006
- F1274033
- F1274030
- F1274018
- F1274012

1-10V

- F1274001-310
- F1274006-310
- F1274033-310
- F1274030-310
- F1274018-310
- F1274012-310

Dali

- F1274001-300
- F1274006-300
- F1274033-300
- F1274030-300
- F1274018-300
- F1274012-300

## 4000K

H 500 mm - Non Dimmable

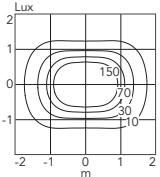
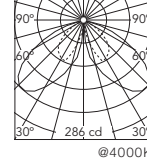
- F1275001
- F1275006
- F1275033
- F1275030
- F1275018
- F1275012

1-10V

- F1275001-310
- F1275006-310
- F1275033-310
- F1275030-310
- F1275018-310
- F1275012-310

Dali

- F1275001-300
- F1275006-300
- F1275033-300
- F1275030-300
- F1275018-300
- F1275012-300



## 2700K

H 850 mm - Non Dimmable

- F1276001
- F1276006
- F1276033
- F1276030
- F1276018
- F1276012

1-10V

- F1276001-310
- F1276006-310
- F1276033-310
- F1276030-310
- F1276018-310
- F1276012-310

Dali

- F1276001-300
- F1276006-300
- F1276033-300
- F1276030-300
- F1276018-300
- F1276012-300

## 3000K

H 850 mm - Non Dimmable

- F1277001
- F1277006
- F1277033
- F1277030
- F1277018
- F1277012

1-10V

- F1277001-310
- F1277006-310
- F1277033-310
- F1277030-310
- F1277018-310
- F1277012-310

Dali

- F1277001-300
- F1277006-300
- F1277033-300
- F1277030-300
- F1277018-300
- F1277012-300

## 4000K

H 850 mm - Non Dimmable

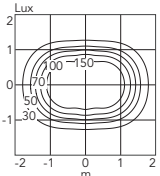
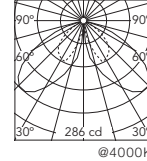
- F1278001
- F1278006
- F1278033
- F1278030
- F1278018
- F1278012

1-10V



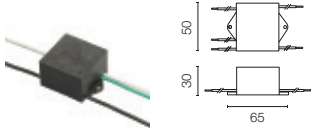
- F1278001-310
- F1278006-310
- F1278033-310
- F1278030-310
- F1278018-310
- F1278012-310

Dali

- F1278001-300
- F1278006-300
- F1278033-300
- F1278030-300
- F1278018-300
- F1278012-300



## 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

Designed by Antonio Citterio



## Familie / Family

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Walkstick Pipe



Walkstick



Wallstick



## Ausführungen / Colours

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### Walkstick Pipe



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

Außenleuchte bestehend aus einem röhrenförmigen Lichtaustrittskopf, der um bis zu  $350^{\circ}\pm 5^{\circ}$  an der vertikalen Achse ausgerichtet werden kann, geeignet für Bodeninstallationen (eben oder erdverlegt) und mit integrierter Stromversorgung.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

Outdoor luminaire consisting of a tubular light emitting head orientable up to  $350^{\circ}\pm 5^{\circ}$  on the vertical axle, suitable for floor installations (ground or buried) and with integrated power supply.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges. These effects are frequently caused by:

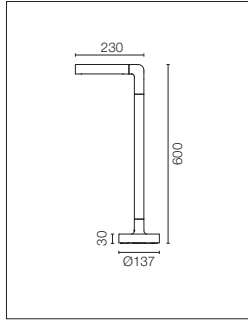
- over Voltage coming from the Mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages.

The selection of the type of device to be used must be adjust on the electrical plant.

## Walkstick Pipe 1

**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



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.

### 2700K

Non Dimmable

- F010H21A001
- F010H21A006
- F010H21A012
- F010H21A018
- F010H21A030
- F010H21A033
- 1-10V
- F010H21B001
- F010H21B006
- F010H21B012
- F010H21B018
- F010H21B030
- F010H21B033

### 3000K

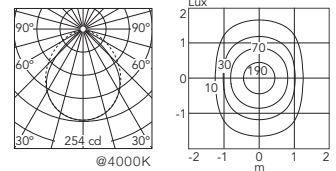
Non Dimmable

- F010H31A001
- F010H31A006
- F010H31A012
- F010H31A018
- F010H31A030
- F010H31A033
- 1-10V
- F010H31B001
- F010H31B006
- F010H31B012
- F010H31B018
- F010H31B030
- F010H31B033

### 4000K

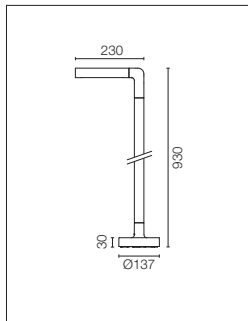
Non Dimmable

- F010H41A001
- F010H41A006
- F010H41A012
- F010H41A018
- F010H41A030
- F010H41A033
- 1-10V
- F010H41B001
- F010H41B006
- F010H41B012
- F010H41B018
- F010H41B030
- F010H41B033



## Walkstick Pipe 2

**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



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.

### 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

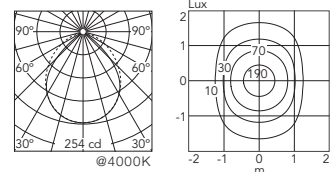
Non Dimmable

- F010J31A001
- F010J31A006
- F010J31A012
- F010J31A018
- F010J31A030
- F010J31A033
- 1-10V
- F010J31B001
- F010J31B006
- F010J31B012
- F010J31B018
- F010J31B030
- F010J31B033
- Dali
- F010J31D001
- F010J31D006
- F010J31D012
- F010J31D018
- F010J31D030
- F010J31D033

### 4000K

Non Dimmable

- F010J41A001
- F010J41A006
- F010J41A012
- F010J41A018
- F010J41A030
- F010J41A033
- 1-10V
- F010J41B001
- F010J41B006
- F010J41B012
- F010J41B018
- F010J41B030
- F010J41B033
- Dali
- F010J41D001
- F010J41D006
- F010J41D012
- F010J41D018
- F010J41D030
- F010J41D033



## Walkstick Pipe: Zubehörteile / Accessories

Box für die Bodeninstallation. Box for ground installation.

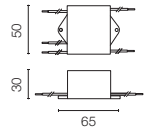
F001Z020000



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



## Familie / Family

Belvedere Clove



Belvedere Spot



Belvedere Spot Wall



## Ausführungen / Colours

### Belvedere



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

### **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.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

### **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.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

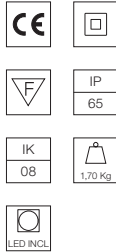
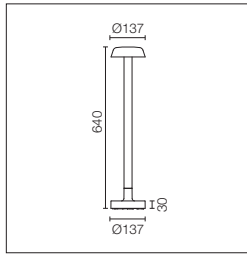
These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## Belvedere Clove 1

**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



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.

### 2700K

Non Dimmable

- F001A21A001
- F001A21A006
- F001A21A033
- F001A21A030
- F001A21A018
- F001A21A012
- 1-10V
- F001A21B001
- F001A21B006
- F001A21B033
- F001A21B030
- F001A21B018
- F001A21B012
- Dali
- F001A21D001
- F001A21D006
- F001A21D033
- F001A21D030
- F001A21D018
- F001A21D012

### 3000K

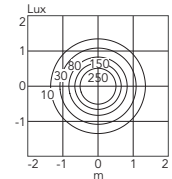
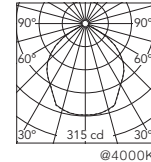
Non Dimmable

- F001A31A001
- F001A31A006
- F001A31A033
- F001A31A030
- F001A31A018
- F001A31A012
- 1-10V
- F001A31B001
- F001A31B006
- F001A31B033
- F001A31B030
- F001A31B018
- F001A31B012
- Dali
- F001A31D001
- F001A31D006
- F001A31D033
- F001A31D030
- F001A31D018
- F001A31D012

### 4000K

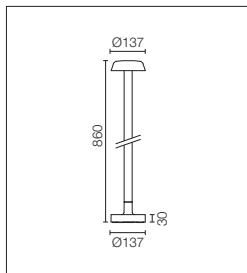
Non Dimmable

- F001A41A001
- F001A41A006
- F001A41A033
- F001A41A030
- F001A41A018
- F001A41A012
- 1-10V
- F001A41B001
- F001A41B006
- F001A41B033
- F001A41B030
- F001A41B018
- F001A41B012
- Dali
- F001A41D001
- F001A41D006
- F001A41D033
- F001A41D030
- F001A41D018
- F001A41D012



## Belvedere Clove 2

**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



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.

### 2700K

Non Dimmable

- F001B21A001
- F001B21A006
- F001B21A033
- F001B21A030
- F001B21A018
- F001B21A012
- 1-10V
- F001B21B001
- F001B21B006
- F001B21B033
- F001B21B030
- F001B21B018
- F001B21B012
- Dali
- F001B21D001
- F001B21D006
- F001B21D033
- F001B21D030
- F001B21D018
- F001B21D012

### 3000K

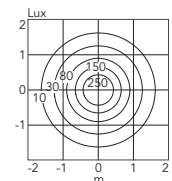
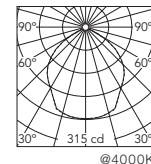
Non Dimmable

- F001B31A001
- F001B31A006
- F001B31A033
- F001B31A030
- F001B31A018
- F001B31A012
- 1-10V
- F001B31B001
- F001B31B006
- F001B31B033
- F001B31B030
- F001B31B018
- F001B31B012
- Dali
- F001B31D001
- F001B31D006
- F001B31D033
- F001B31D030
- F001B31D018
- F001B31D012

### 4000K

Non Dimmable

- F001B41A001
- F001B41A006
- F001B41A033
- F001B41A030
- F001B41A018
- F001B41A012
- 1-10V
- F001B41B001
- F001B41B006
- F001B41B033
- F001B41B030
- F001B41B018
- F001B41B012
- Dali
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- F001B41D033
- F001B41D030
- F001B41D018
- F001B41D012

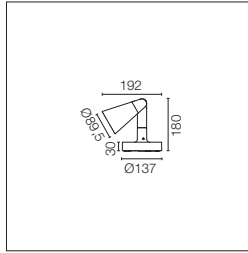


# Belvedere Spot F1

**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



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.

## 2700K

Non Dimmable

- F001C21A001
- F001C21A006
- F001C21A033
- F001C21A030
- F001C21A018
- F001C21A012

## 3000K

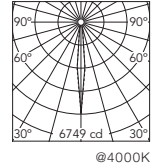
Non Dimmable

- F001C31A001
- F001C31A006
- F001C31A033
- F001C31A030
- F001C31A018
- F001C31A012

## 4000K

Non Dimmable

- F001C41A001
- F001C41A006
- F001C41A033
- F001C41A030
- F001C41A018
- F001C41A012



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	6749	0.17
2	1687	0.34
3	750	0.51
4	422	0.68
5	270	0.84

## 2700K

Non Dimmable

- F001C22A001
- F001C22A006
- F001C22A033
- F001C22A030
- F001C22A018
- F001C22A012

## 3000K

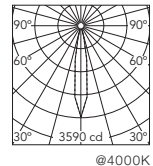
Non Dimmable

- F001C32A001
- F001C32A006
- F001C32A033
- F001C32A030
- F001C32A018
- F001C32A012

## 4000K

Non Dimmable

- F001C42A001
- F001C42A006
- F001C42A033
- F001C42A030
- F001C42A018
- F001C42A012



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3590	0.29
2	897	0.59
3	399	0.88
4	224	1.18
5	144	1.47

## 2700K

Non Dimmable

- F001C23A001
- F001C23A006
- F001C23A033
- F001C23A030
- F001C23A018
- F001C23A012

## 3000K

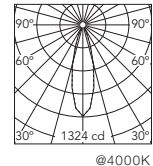
Non Dimmable

- F001C33A001
- F001C33A006
- F001C33A033
- F001C33A030
- F001C33A018
- F001C33A012

## 4000K

Non Dimmable

- F001C43A001
- F001C43A006
- F001C43A033
- F001C43A030
- F001C43A018
- F001C43A012



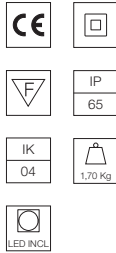
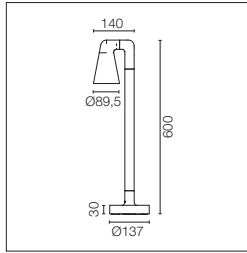
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1324	0.50
2	331	1.01
3	147	1.51
4	83	2.01
5	53	2.51

# Belvedere Spot F2

**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



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.

## 2700K

Non Dimmable

- F001D21A001
- F001D21A006
- F001D21A033
- F001D21A030
- F001D21A018
- F001D21A012
- 1-10V
- F001D21B001
- F001D21B006
- F001D21B033
- F001D21B030
- F001D21B018
- F001D21B012

## 2700K

Non Dimmable

- F001D22A001
- F001D22A006
- F001D22A033
- F001D22A030
- F001D22A018
- F001D22A012
- 1-10V
- F001D22B001
- F001D22B006
- F001D22B033
- F001D22B030
- F001D22B018
- F001D22B012

## 2700K

Non Dimmable

- F001D23A001
- F001D23A006
- F001D23A033
- F001D23A030
- F001D23A018
- F001D23A012
- 1-10V
- F001D23B001
- F001D23B006
- F001D23B033
- F001D23B030
- F001D23B018
- F001D23B012

## 3000K

Non Dimmable

- F001D31A001
- F001D31A006
- F001D31A033
- F001D31A030
- F001D31A018
- F001D31A012
- 1-10V
- F001D31B001
- F001D31B006
- F001D31B033
- F001D31B030
- F001D31B018
- F001D31B012

## 3000K

Non Dimmable

- F001D32A001
- F001D32A006
- F001D32A033
- F001D32A030
- F001D32A018
- F001D32A012
- 1-10V
- F001D32B001
- F001D32B006
- F001D32B033
- F001D32B030
- F001D32B018
- F001D32B012

## 3000K

Non Dimmable

- F001D33A001
- F001D33A006
- F001D33A033
- F001D33A030
- F001D33A018
- F001D33A012
- 1-10V
- F001D33B001
- F001D33B006
- F001D33B033
- F001D33B030
- F001D33B018
- F001D33B012

## 4000K

Non Dimmable

- F001D41A001
- F001D41A006
- F001D41A033
- F001D41A030
- F001D41A018
- F001D41A012
- 1-10V
- F001D41B001
- F001D41B006
- F001D41B033
- F001D41B030
- F001D41B018
- F001D41B012

## 4000K

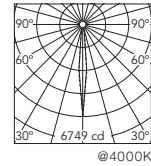
Non Dimmable

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- F001D42A006
- F001D42A033
- F001D42A030
- F001D42A018
- F001D42A012
- 1-10V
- F001D42B001
- F001D42B006
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- F001D42B030
- F001D42B018
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## 4000K

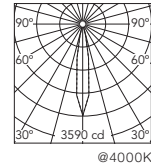
Non Dimmable

- F001D43A001
- F001D43A006
- F001D43A033
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- F001D43A012
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- F001D43B030
- F001D43B018
- F001D43B012



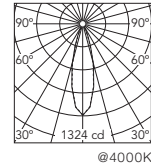
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	6749	0.17
2	1687	0.34
3	750	0.51
4	422	0.68
5	270	0.84



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3590	0.29
2	897	0.59
3	399	0.88
4	224	1.18
5	144	1.47



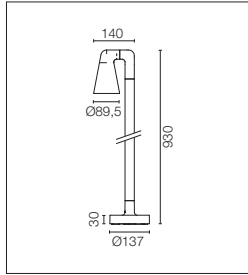
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1324	0.50
2	331	1.01
3	147	1.51
4	83	2.01
5	53	2.51

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



220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit.

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Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig. Auf Anfrage 110-V-Version.

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**2700K**

Non Dimmable

- F001E21A001
- F001E21A006
- F001E21A033
- F001E21A030
- F001E21A018
- F001E21A012

1-10V

- F001E21B001
- F001E21B006
- F001E21B033
- F001E21B030
- F001E21B018
- F001E21B012

Dali

- F001E21D001
- F001E21D006
- F001E21D033
- F001E21D030
- F001E21D018
- F001E21D012

**3000K**

Non Dimmable

- F001E31A001
- F001E31A006
- F001E31A033
- F001E31A030
- F001E31A018
- F001E31A012

1-10V

- F001E31B001
- F001E31B006
- F001E31B033
- F001E31B030
- F001E31B018
- F001E31B012

Dali

- F001E31D001
- F001E31D006
- F001E31D033
- F001E31D030
- F001E31D018
- F001E31D012

**4000K**

Non Dimmable

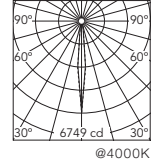
- F001E41A001
- F001E41A006
- F001E41A033
- F001E41A030
- F001E41A018
- F001E41A012

1-10V

- F001E41B001
- F001E41B006
- F001E41B033
- F001E41B030
- F001E41B018
- F001E41B012

Dali

- F001E41D001
- F001E41D006
- F001E41D033
- F001E41D030
- F001E41D018
- F001E41D012



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	6749	0.17
2	1687	0.34
3	750	0.51
4	422	0.68
5	270	0.84

**2700K**

Non Dimmable

- F001E22A001
- F001E22A006
- F001E22A033
- F001E22A030
- F001E22A018
- F001E22A012

1-10V

- F001E22B001
- F001E22B006
- F001E22B033
- F001E22B030
- F001E22B018
- F001E22B012

Dali

- F001E22D001
- F001E22D006
- F001E22D033
- F001E22D030
- F001E22D018
- F001E22D012

**3000K**

Non Dimmable

- F001E32A001
- F001E32A006
- F001E32A033
- F001E32A030
- F001E32A018
- F001E32A012

1-10V

- F001E32B001
- F001E32B006
- F001E32B033
- F001E32B030
- F001E32B018
- F001E32B012

Dali

- F001E32D001
- F001E32D006
- F001E32D033
- F001E32D030
- F001E32D018
- F001E32D012

**4000K**

Non Dimmable

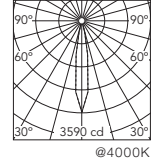
- F001E42A001
- F001E42A006
- F001E42A033
- F001E42A030
- F001E42A018
- F001E42A012

1-10V

- F001E42B001
- F001E42B006
- F001E42B033
- F001E42B030
- F001E42B018
- F001E42B012

Dali

- F001E42D001
- F001E42D006
- F001E42D033
- F001E42D030
- F001E42D018
- F001E42D012



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3590	0.29
2	897	0.59
3	399	0.88
4	224	1.18
5	144	1.47

**2700K**

Non Dimmable

- F001E23A001
- F001E23A006
- F001E23A033
- F001E23A030
- F001E23A018
- F001E23A012

1-10V

- F001E23B001
- F001E23B006
- F001E23B033
- F001E23B030
- F001E23B018
- F001E23B012

Dali

- F001E23D001
- F001E23D006
- F001E23D033
- F001E23D030
- F001E23D018
- F001E23D012

**3000K**

Non Dimmable

- F001E33A001
- F001E33A006
- F001E33A033
- F001E33A030
- F001E33A018
- F001E33A012

1-10V

- F001E33B001
- F001E33B006
- F001E33B033
- F001E33B030
- F001E33B018
- F001E33B012

Dali

- F001E33D001
- F001E33D006
- F001E33D033
- F001E33D030
- F001E33D018
- F001E33D012

**4000K**

Non Dimmable

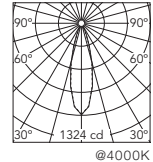
- F001E43A001
- F001E43A006
- F001E43A033
- F001E43A030
- F001E43A018
- F001E43A012

1-10V

- F001E43B001
- F001E43B006
- F001E43B033
- F001E43B030
- F001E43B018
- F001E43B012

Dali

- F001E43D001
- F001E43D006
- F001E43D033
- F001E43D030
- F001E43D018
- F001E43D012



Beam Angle: 28°

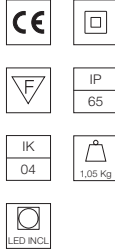
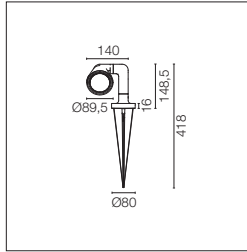
h(m)	E(lx)	D(m)
1	1324	0.50
2	331	1.01
3	147	1.51
4	83	2.01
5	53	2.51

## Belvedere Spot Pick

**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



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.

### 2700K

Non Dimmable

- F001F21A001
- F001F21A006
- F001F21A033
- F001F21A030
- F001F21A018
- F001F21A012

### 3000K

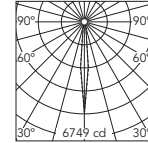
Non Dimmable

- F001F31A001
- F001F31A006
- F001F31A033
- F001F31A030
- F001F31A018
- F001F31A012

### 4000K

Non Dimmable

- F001F41A001
- F001F41A006
- F001F41A033
- F001F41A030
- F001F41A018
- F001F41A012



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	6749	0.17
2	1687	0.34
3	750	0.51
4	422	0.68
5	270	0.84

@4000K

### 2700K

Non Dimmable

- F001F22A001
- F001F22A006
- F001F22A033
- F001F22A030
- F001F22A018
- F001F22A012

### 3000K

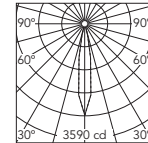
Non Dimmable

- F001F32A001
- F001F32A006
- F001F32A033
- F001F32A030
- F001F32A018
- F001F32A012

### 4000K

Non Dimmable

- F001F42A001
- F001F42A006
- F001F42A033
- F001F42A030
- F001F42A018
- F001F42A012



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3590	0.29
2	897	0.59
3	399	0.88
4	224	1.18
5	144	1.47

@4000K

### 2700K

Non Dimmable

- F001F23A001
- F001F23A006
- F001F23A033
- F001F23A030
- F001F23A018
- F001F23A012

### 3000K

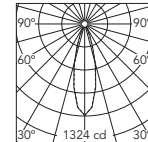
Non Dimmable

- F001F33A001
- F001F33A006
- F001F33A033
- F001F33A030
- F001F33A018
- F001F33A012

### 4000K

Non Dimmable

- F001F43A001
- F001F43A006
- F001F43A033
- F001F43A030
- F001F43A018
- F001F43A012



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1324	0.50
2	331	1.01
3	147	1.51
4	83	2.01
5	53	2.51

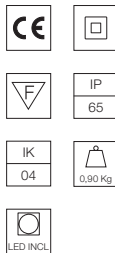
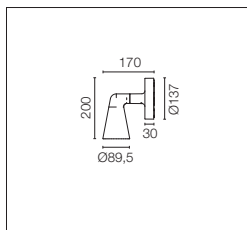
@4000K

## Belvedere Spot Wall

**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



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.

### 2700K

Non Dimmable

- F001G21A001
- F001G21A006
- F001G21A033
- F001G21A030
- F001G21A018
- F001G21A012

### 3000K

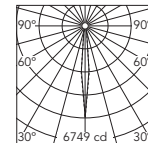
Non Dimmable

- F001G31A001
- F001G31A006
- F001G31A033
- F001G31A030
- F001G31A018
- F001G31A012

### 4000K

Non Dimmable

- F001G41A001
- F001G41A006
- F001G41A033
- F001G41A030
- F001G41A018
- F001G41A012



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	6749	0.17
2	1687	0.34
3	750	0.51
4	422	0.68
5	270	0.84

@4000K

### 2700K

Non Dimmable

- F001G22A001
- F001G22A006
- F001G22A033
- F001G22A030
- F001G22A018
- F001G22A012

### 3000K

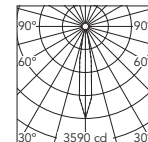
Non Dimmable

- F001G32A001
- F001G32A006
- F001G32A033
- F001G32A030
- F001G32A018
- F001G32A012

### 4000K

Non Dimmable

- F001G42A001
- F001G42A006
- F001G42A033
- F001G42A030
- F001G42A018
- F001G42A012



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3590	0.29
2	897	0.59
3	399	0.88
4	224	1.18
5	144	1.47

@4000K

### 2700K

Non Dimmable

- F001G23A001
- F001G23A006
- F001G23A033
- F001G23A030
- F001G23A018
- F001G23A012

### 3000K

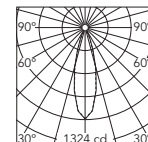
Non Dimmable

- F001G33A001
- F001G33A006
- F001G33A033
- F001G33A030
- F001G33A018
- F001G33A012

### 4000K

Non Dimmable

- F001G43A001
- F001G43A006
- F001G43A033
- F001G43A030
- F001G43A018
- F001G43A012



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1324	0.50
2	331	1.01
3	147	1.51
4	83	2.01
5	53	2.51

@4000K

## Belvedere: 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.

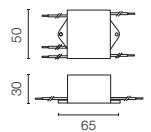
Belvedere Spot  
F001Z040000



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



Designed by Tim Derhaag





**Ausführungen / Colours**

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45



30 Schwarz  
30 Black



54 Eloxiertes Aluminium  
54 Anodized Aluminium

Familie von Beleuchtungsgeräten für den Außenbereich mit in drei Positionen verstellbarem Kopf - 0°, 45° und 90°. LED-Lichtstromquelle. Hauptteil, Kopf und Unterseite aus extrudierter Anticorodal-Aluminiumlegierung 6010 mit phosphorchromiertem Korrosionsschutz. Scheinwerfer aus druckgegossenem Aluminium 46100 mit durch unter Vakuum erfolgte Aluminisierung erhaltene Oberflächenbehandlung. Diffusoren stehen in mattem Weiß oder mit transparenter Feinbehandlung zur Verfügung, um den Anforderungen einer erhöhten Leistungsfähigkeit gerecht zu werden. Die verwendeten Kunststoffmaterialien (PC oder APEC) werden im Spritzgussverfahren hergestellt und sind UV-beständig. Die mechanische Kupplung ist mit zwei Flanschen aus druckgegossenem Aluminium 46100 mit einem korrosionsbeständigen Schutzfilm aus gelber Alodine und zwei Kupplungselementen ausgestattet, die jeweils aus spritzgegossenem Acetalharz (POM) und Glaswolle aus 30 % Nylon bestehen. Die Zubehörteile sind aus Silikon-Elastomer gefertigt. Die äußeren Schrauben, welche Witterungseinflüssen ausgesetzt sind, werden aus Edelstahl (AISI 316) hergestellt. Zum Zubehör gehören auch Blendschutzschilder aus druckgegossenem Zamak 12 mit Korrosionsschutz aus gelber Alodine und einer mattschwarzen Epoxid-Pulverendbeschichtung. Diese ändern den Austrittswinkel des Lichtstrahls, damit die Sicht nicht behindert wird. Der Kopf jedes Geräts kann in der gewünschten Position verriegelt werden.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzvorrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

Family of outdoor luminaires with adjustable head in three positions, 0°, 45° and 90°. LED power light source power.

Body, head and base are extruded anticorodal 6010 aluminum alloy with phospho-chromated protection against corrosion. Reflectors in die-cast 46100 aluminum with a surface finish obtained by means of a vacuum aluminization process.

The diffusers are available in opal white or in transparent finish whenever high efficiency is required.

The plastic materials used (PC or APEC) are injection-molded and UV-stabilized.

The mechanical joint has two die-cast 46100 aluminum alloy flanges with yellow alodine non-corrosive protection, two friction elements made respectively of injection-molded acetal resin (POM) and 30% nylon glass wool.

Silicone elastomer fittings. The external screws, which are exposed to weather conditions, are in stainless steel (AISI 316). Accessories include anti-glare screens in diecast Zamak 12 with non-corrosive yellow alodine protection and matte black epoxy powdercoat finish, which modify the angle at which the beam of light leaves the luminaire for enhanced visual comfort.

The head of each luminaire can be locked at the chosen position.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

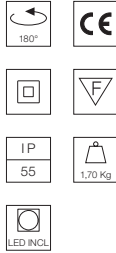
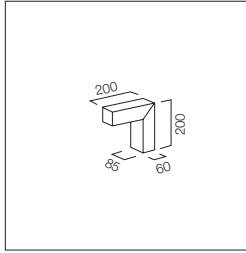
These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the over-voltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## 45 Adj Led 1

Power Led: 9W - 540 lm - 3000K/CRI 80

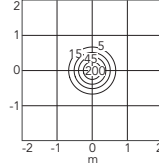
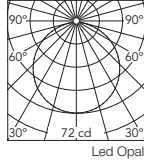


Vorgeschriebene Diffusoren einsetzen.

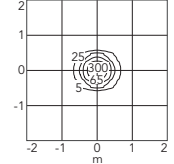
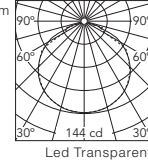
To be completed with the required diffusers.

- F0070030
- F0070054

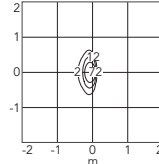
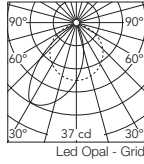
540 lm = FIXT 207 lm



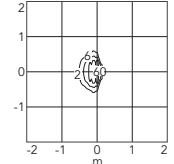
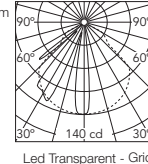
540 lm = FIXT 404 lm



540 lm = FIXT 64 lm

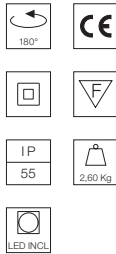
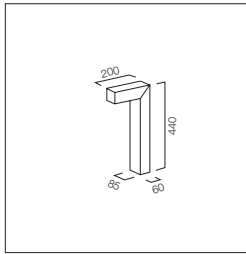


540 lm = FIXT 125 lm



## 45 Adj Led 2

Power Led: 9W - 540 lm - 3000K/CRI 80

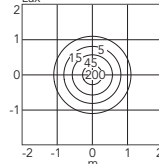
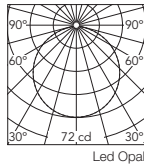


Vorgeschriebene Diffusoren einsetzen.

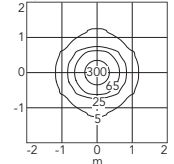
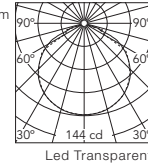
To be completed with the required diffusers.

- F0071030
- F0071054

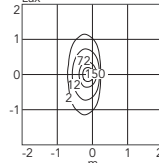
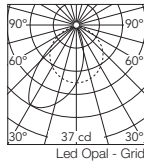
540 lm = FIXT 207 lm



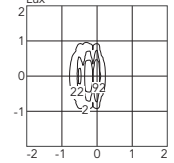
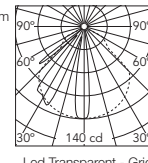
540 lm = FIXT 404 lm



540 lm = FIXT 64 lm

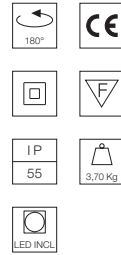
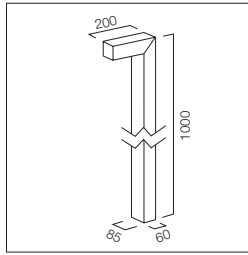


540 lm = FIXT 125 lm



# 45 Adj Led 3

Power Led: 9W - 540 lm - 3000K/CRI 80

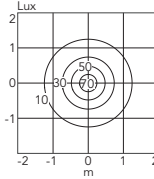
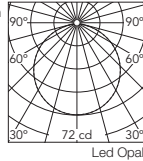


Vorgeschriebene Diffusoren einsetzen.

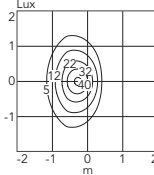
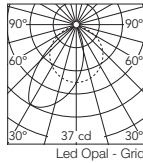
To be completed with the required diffusers.

- F0072030
- F0072054

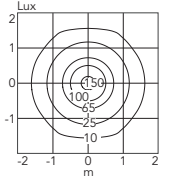
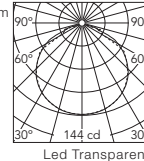
540 lm = FIXT 207 lm



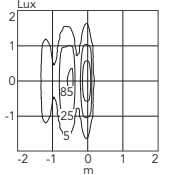
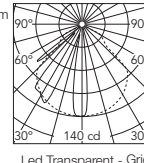
540 lm = FIXT 64 lm



540 lm = FIXT 404 lm



540 lm = FIXT 125 lm



## Zubehörteile / Accessories

Diffusor mit hochgradigem Sehkomfort (opal).

High comfort diffuser (opal).

F0074071



Diffusor mit hoher Leuchtkraft (transparent).

High performance diffuser (transparent).

F0074000



Blendschutzgitter.

Low glare grid.

F0056030



Einzuerdender Mast.

Pole to be placed in the ground.

F0057000



Flansche zum Einzementieren.

Flange to be cemented.

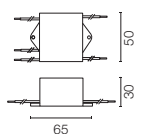
F0058000



Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

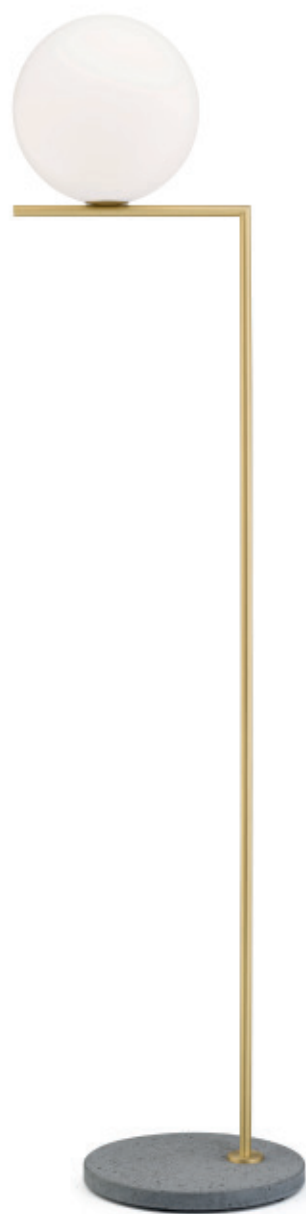
Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000



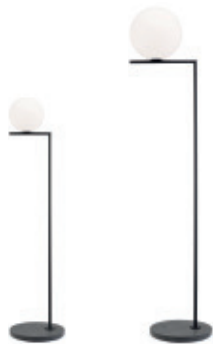
Designed by Michael Anastassiades

**IC F Outdoor**  
**Captain Flint Outdoor**



## Familie / Family

IC F Outdoor



Captain Flint Outdoor



## Ausführungen / Colours

### Captain Flint Outdoor



30 Schwarz/Lavaschwarz  
30 Black/Black Lava



18 Deep Brown/Travertino Imperiale  
18 Deep Brown/Travertino Imperiale



59 Gebürstetes Messing/Lavagrau  
59 Brass Finish/Grey Lava



05 Gebürsteter Edelstahl/  
Occhio di Pernice  
05 Brushed Stainless Steel/  
Occhio di Pernice



37 Burgundy Red/Lavaschwarz  
37 Burgundy Red/Black Lava

### **IC F Outdoor**

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.

### **Captain Flint Outdoor**

Bodenbeleuchtungsgerät für verstellbares Licht für die Verwendung im Außenbereich. Stange und Kegel sind aus gebürstetem Edelstahl, lackiert oder aus gebürstetem Messing; Basis ist aus Marmor in verschiedenen Ausführungen. In vier Standardkombinationen verfügbar: lackierter Stahl (schwarz/Lava Nera), lackierter Stahl (Deep Brown/Travertino Imperiale), satiniertes Messing (Lava Grigia), satinierter Edelstahl (Occhio di Pernice). Die tragenden Teile des Geräts werden einem chemischen Umwandlungsverfahren unterzogen, sodass sie gegen atmosphärische Einflüsse beständig sind. Diffusor aus fotografiertem, spritzgegossenem opalem Anti-UV-Polycarbonat. 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 %.

### **IC F Outdoor**

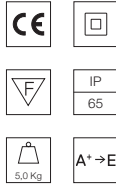
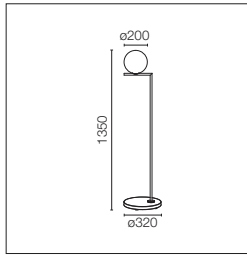
Wall- or ceiling-mounted light fitting with diffuse light for exterior use available in two sizes. Frame in brushed stainless steel, brushed brass finish or painted opaque black or burgundy. The structure of the fitting is treated with a chemical conversion process for effective resistance to atmospheric 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.

### **Captain Flint Outdoor**

Multi-directional floor lamp for exterior use. Structure and cone in painted brushed stainless steel or brushed brass finish; marble base in various colours. Available in four standard combinations: black/black lava painted steel, deep brown/travertino imperiale, satinized brass/grey lava, satinized stainless steel/occhio di pernice. The structural parts are chemically treated for protection against atmospheric elements. Diffuser in opalescent UV-resistant photoengraved injection-moulded polycarbonate. 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%.

## IC F1 Outdoor

LED: max 8W - E14 - 220-240V



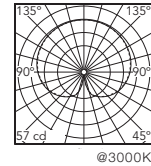
Lichtquelle nicht inbegriffen.  
Kabel (5 m lang und mit IP44-Schukostecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

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).

- F012A04C005
- F012A03C059
- F012A01C018
- F012A02C030
- F012A02C037

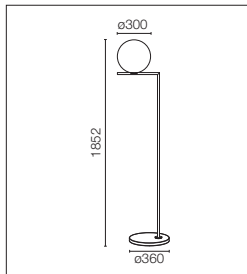
### Zubehörteile / Accessories

- 1 x LED 8W E14 800lm 3000K cod. RF26565 [e] DIMMER
- 1 x LED 8W E14 700lm 2700K cod. RF26767 [e] DIMMER



## IC F2 Outdoor

LED: max 15W - E27 - 220-240V



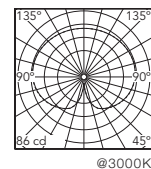
Lichtquelle nicht inbegriffen.  
Kabel (5 m lang und mit IP44-Schukostecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

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).

- F012B04C005
- F012B03C059
- F012B01C018
- F012B02C030
- F012B02C037

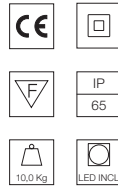
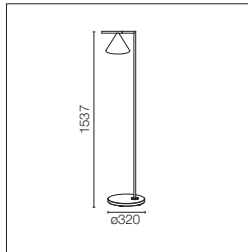
### Zubehörteile / Accessories

- 1 x LED 15W E27 2000lm 2700K cod. RF28665 [e] DIMMER
- 1 x LED 15W E27 2000lm 3000K cod. RF28666 [e] DIMMER



## Captain Flint Outdoor

**COB LED:** 13W - 100-240V - 557 lm - 2700K/CRI>80



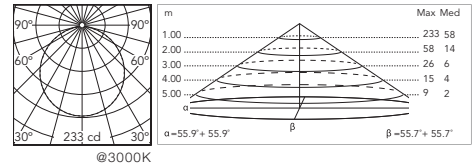
LED-Lichtquelle inbegriffen.  
Kabel (5 m lang und mit IP44-Schuko-Stecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 %.

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.

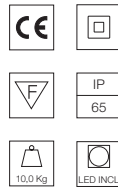
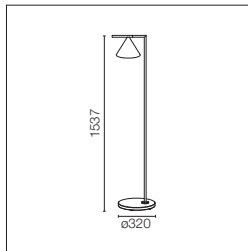
Casambi Funktion auf Anfrage.

- F011A24F005
- F011A23F059
- F011A21F018
- F011A22F030
- F011A22F037



## Captain Flint Outdoor

**COB LED:** 13W - 100-240V - 598 lm - 3000K/CRI>80



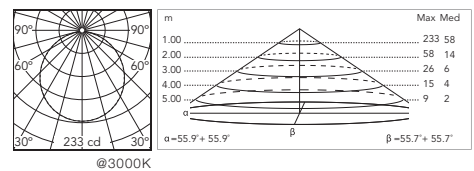
LED-Lichtquelle inbegriffen.  
Kabel (5 m lang und mit IP44-Schuko-Stecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 %.

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.

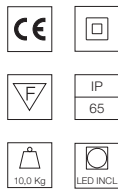
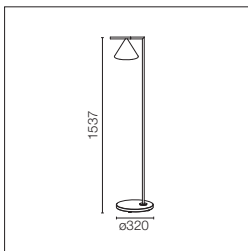
Casambi Funktion auf Anfrage.

- F011A34F005
- F011A33F059
- F011A31F018
- F011A32F030
- F011A32F037



## Captain Flint Outdoor

**COB LED:** 13W - 100-240V - 644 lm - 4000K/CRI>80



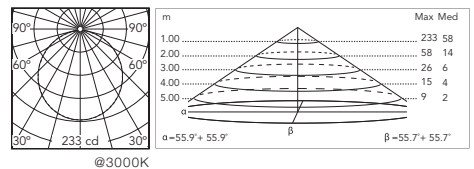
LED-Lichtquelle inbegriffen.  
Kabel (5 m lang und mit IP44-Schuko-Stecker) für den Außenbereich geeignet.  
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 %.

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.

Casambi Funktion auf Anfrage.

- F011A44F005
- F011A43F059
- F011A41F018
- F011A42F030
- F011A42F037





# Lighting in the Rain

Designed by Philippe Starck

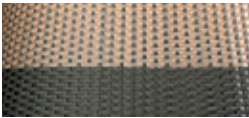




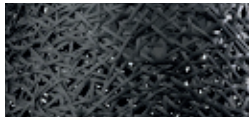
Ausführungen / Colours

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Lighting in the Rain



22 Panama  
22 Panama



41 Green Wall  
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**

Deckenhängelleuchte 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 druckgegossener Aluminiumlegierung, eloxiert und grau flüssiglackiert. Deckenhalterung aus druckgegossener 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 cathaphoresis 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.

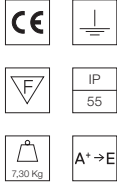
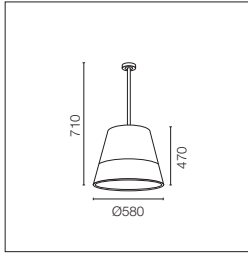
The structural parts of the luminaire (base support, diffusers support, arms, brackets, levers and tie rods) have been treated with a chemical conversion for enhanced weather resistance. The body is painted in grey. Springs and main mechanical components are also made with special materials for good 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

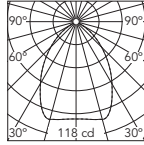
HSGS E27: 1x250W or 1 LED: 21W - 2450 lm - 3000K



Ausgeschlossene Lichtquelle.

Light source not included.

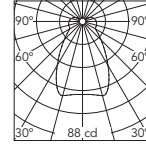
- F6468022
- F6468041



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

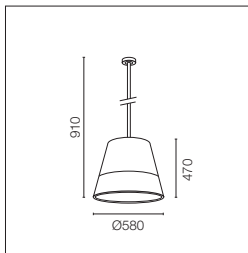
Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## Romeo Outdoor C3 Pvc 910 mm

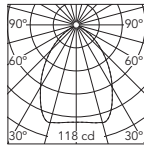
HSGS E27: 1x250W or 1 LED: 21W - 2450 lm - 3000K



Ausgeschlossene Lichtquelle.

Light source not included.

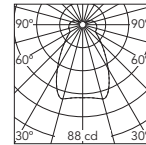
- F6469022
- F6469041



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

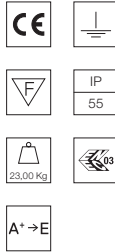
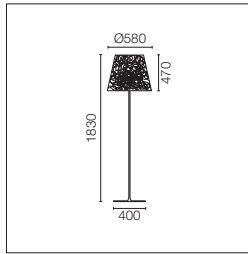
Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## KTribe F3 Outdoor

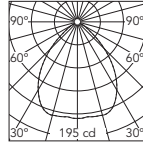
HSGS: 1x250W E27 or **1 LED**: 21W E27 - 2450 lm - 3000K Dimming



Ausgeschlossene Lichtquelle.

Light source not included.

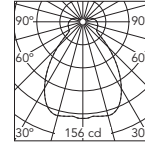
- F6268022
- F6268041



Beam Angle: 85°

h(m)	E(lx)	D(m)
1	195	1.82
2	49	3.64
3	22	5.46
4	12	7.28
5	8	9.10

Panama



Beam Angle: 82°

h(m)	E(lx)	D(m)
1	156	1.74
2	39	3.49
3	17	5.23
4	10	6.98
5	6	8.72

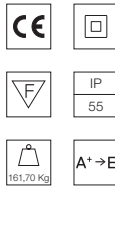
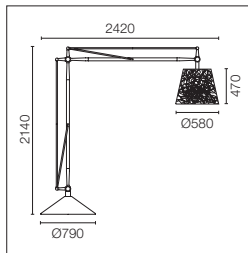
Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## Superarchimoon Outdoor

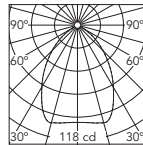
HSGS: 1x250W E27 or **1 LED**: 21W E27 - 2450 lm - 3000K



Ausgeschlossene Lichtquelle.

Light source not included.

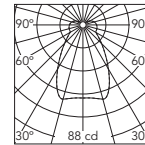
- F6367022
- F6367041



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

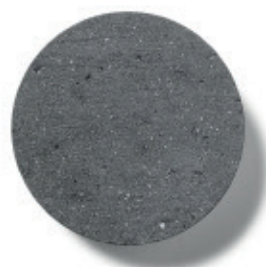
Green Wall

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

# Camouflage

Designed by Piero Lissoni





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**Ausführungen / Colours**

**Camouflage**



89 Beton  
89 Concrete



90 Stein Crema d'Orcia  
90 Crema d'Orcia Stone



87 Basaltina-Stein  
87 Basaltina Stone



00 Grundierung  
00 Primer



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

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 Pulverschicht 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.

Verwenden Sie ein Anschlussystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

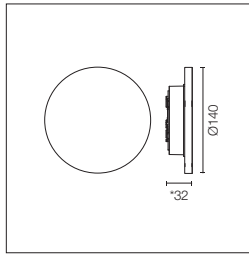
These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## Camouflage 140

**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



\*Concrete, crema d'orcio, basaltina H = 35 mm.



24V Fernspeisung ist separat zu bestellen. Umfasst ein 100-mm-Stromkabel. Der Treiber kann ferninstalliert werden (Einbaugehäuse nicht notwendig) oder an der Rückseite des Geräts durch ein optionales Einbaugehäuse 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.

### 2700K

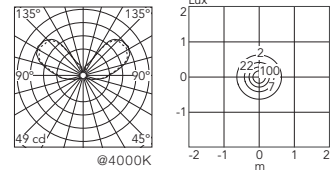
- F1310089
- F1310090
- F1310087
- F1310000
- F1310001
- F1310006
- F1310033
- F1310030
- F1310018
- F1310012

### 3000K

- F1311089
- F1311090
- F1311087
- F1311000
- F1311001
- F1311006
- F1311033
- F1311030
- F1311018
- F1311012

### 4000K

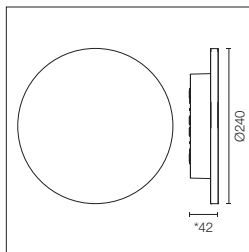
- F1312089
- F1312090
- F1312087
- F1312000
- F1312001
- F1312006
- F1312033
- F1312030
- F1312018
- F1312012



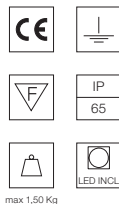
Dimmable 1-10V with code RF25750  
Dimmable Dali with code RF26387

## Camouflage 240

**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



\*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.

### 2700K

Non Dimmable

- F1315089
- F1315090
- F1315087
- F1315000
- F1315001
- F1315006
- F1315033
- F1315030
- F1315018
- F1315012

1-10V

- F1315089-310
- F1315090-310
- F1315087-310
- F1315000-310
- F1315001-310
- F1315006-310
- F1315033-310
- F1315030-310
- F1315018-310
- F1315012-310

Dali

- F1315089-300
- F1315090-300
- F1315087-300
- F1315000-300
- F1315001-300
- F1315006-300
- F1315033-300
- F1315030-300
- F1315018-300
- F1315012-300

### 3000K

Non Dimmable

- F1316089
- F1316090
- F1316087
- F1316000
- F1316001
- F1316006
- F1316033
- F1316030
- F1316018
- F1316012

1-10V

- F1316089-310
- F1316090-310
- F1316087-310
- F1316000-310
- F1316001-310
- F1316006-310
- F1316033-310
- F1316030-310
- F1316018-310
- F1316012-310

Dali

- F1316089-300
- F1316090-300
- F1316087-300
- F1316000-300
- F1316001-300
- F1316006-300
- F1316033-300
- F1316030-300
- F1316018-300
- F1316012-300

### 4000K

Non Dimmable

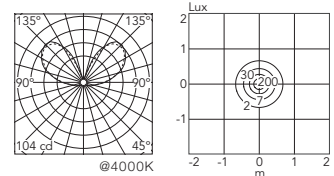
- F1317089
- F1317090
- F1317087
- F1317000
- F1317001
- F1317006
- F1317033
- F1317030
- F1317018
- F1317012

1-10V


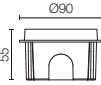

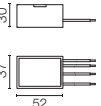

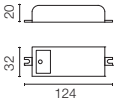


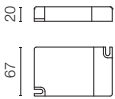


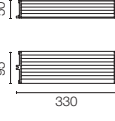


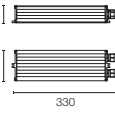
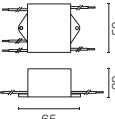
- F1317089-310
- F1317090-310
- F1317087-310
- F1317000-310
- F1317001-310
- F1317006-310
- F1317033-310
- F1317030-310
- F1317018-310
- F1317012-310

Dali

- F1317089-300
- F1317090-300
- F1317087-300
- F1317000-300
- F1317001-300
- F1317006-300
- F1317033-300
- F1317030-300
- F1317018-300
- F1317012-300



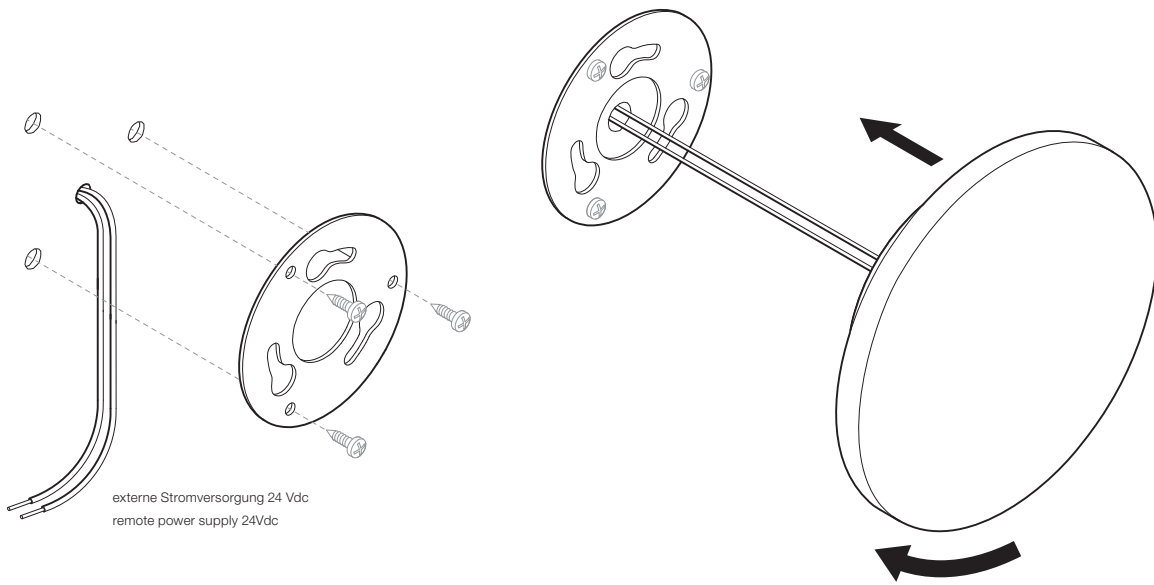
## Camouflage 140: Zubehörteile / Accessories

Einbaugehäuse.	Box for installation.	F1318000		
Netzgerät für den Feineinbau 24Vdc 8W / 110-240V IP65 Klasse II selv.	Power supply for remote installation 24Vdc 8W / 110- 240V IP65 Class II selv.	RF25748		
Kann in Einbaugehäuse F1318000 untergebracht werden.	It can be housed in installation box F1318000.			
Netzgerät für den Feineinbau 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 Feineinbau 24Vdc 17W / 110-240V (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 Feineinbau 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  Dimmable DALI		
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.	RF25755		
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.	RF25749		
Netzgerät für den Feineinbau 24Vdc 100W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 100W / 120-240V IP67 Class II selv.	RF25756		
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		

## Wandmontage / Installation on Wall

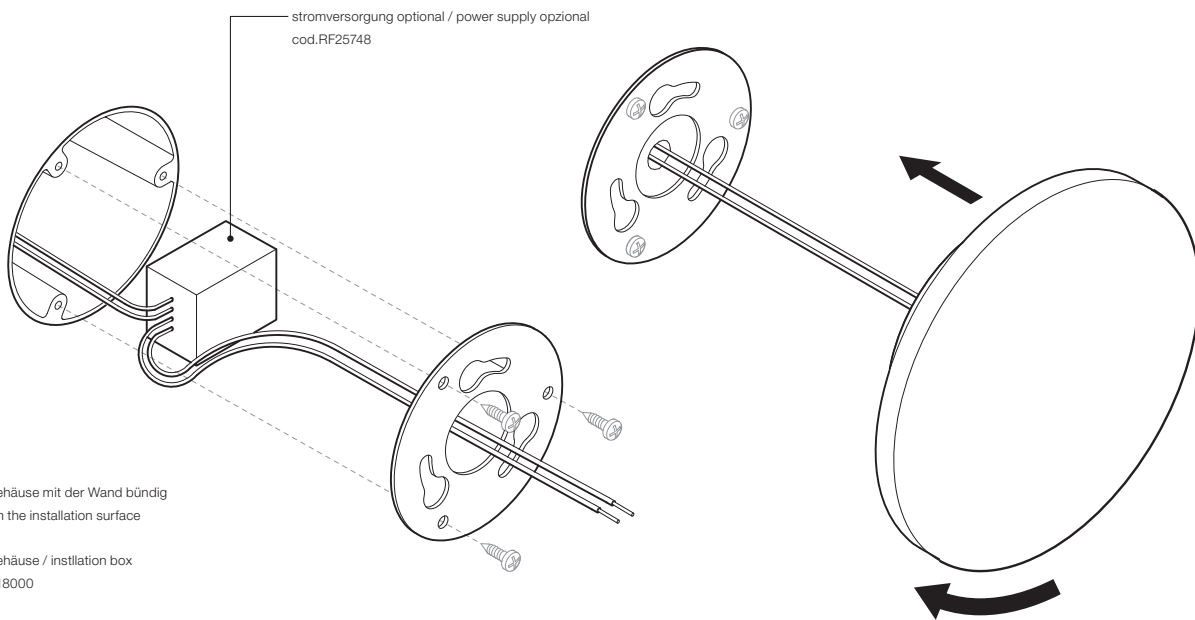
### Option 1

Ohne Einbaugehäuse / Surface installation



### Option 2

Mit Einbaugehäuse / Recessed box installation





Designed by Piero Lissoni

**Real Matter**





**Ausführungen / Colours**

---

**Real Matter**



15 Glänzendes Kupfer  
15 Polished Copper



46 Gebürstetes Bronze  
46 Brushed Bronze



44 Gebürstetes Gold  
44 Brushed Gold



56 Gebürstetes Stahl  
56 Brushed Steel

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.

Verwenden Sie ein Anschlussystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.  
Beschädigungen an der Beschichtung, die Freiwitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.  
Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.  
Diese Effekte werden häufig verursacht durch:  
• Überspannung im Versorgungsnetz der Anlage/ Geräte.  
• Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.  
Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

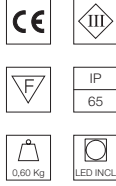
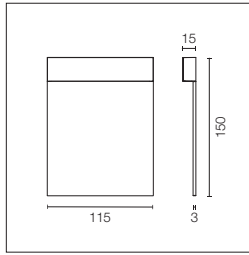
Luminaire for outdoor use for built-in installation on the wall with LED light source.  
Body made of stainless steel AISI 316L treated with the PVD process (Physical Vapour Deposition). Thanks to this innovative treatment, after the polishing or brushing process, according to the finishing choice, the 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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges  
These effects are frequently caused by:  
• over voltage coming from the mains' network where fixture is connected.  
• electrostatic discharge (ESD) coming from the environment.  
The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages.  
The selection of the type of device to be used must be adjust on the electrical plant.

Low-Power Led: 3W - 180 lm ≠ FIXT 74 lm - 2700K/CRI 80 - 24V / 3W - 200 lm ≠ FIXT 82 lm - 3000K/CRI 80 - 24V



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 Einbauehäuse, 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 Einbauehäuse: 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).

**2700K**

Einbau in Mauerwerk mit Einbauehäuse/  
Installation in masonry with box for installation

- F5960015
- F5960046
- F5960044
- F5960056

**3000K**

- F5961015
- F5961046
- F5961044
- F5961056

Einbau in Gipskartonplattenwand (min 5mm - max 20mm)/  
Installation in plasterboard wall

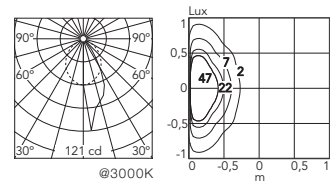
- F5980015
- F5980046
- F5980044
- F5980056

- F5981015
- F5981046
- F5981044
- F5981056

Einbau in Mauerwerk ohne Einbauehäuse/  
Installation in masonry without box for installation

- F5970015
- F5970046
- F5970044
- F5970056

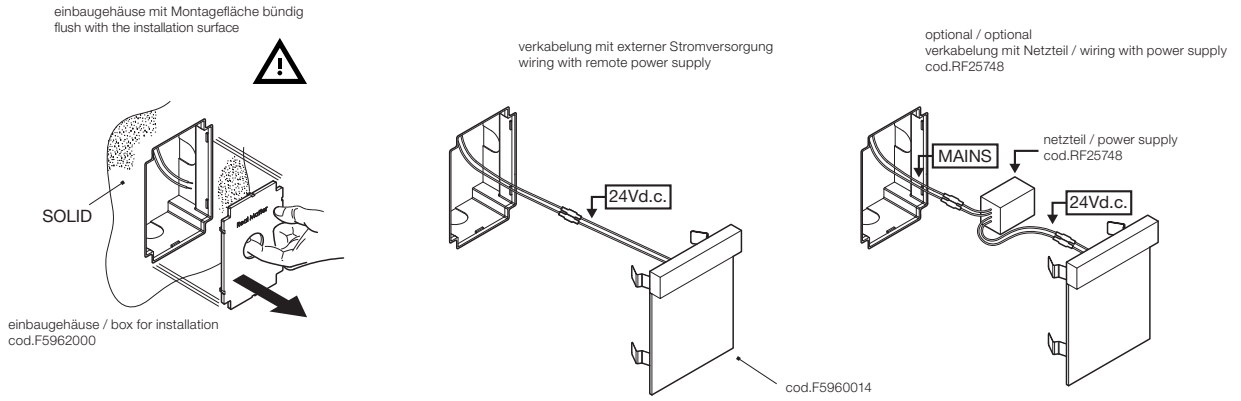
- F5971015
- F5971046
- F5971044
- F5971056



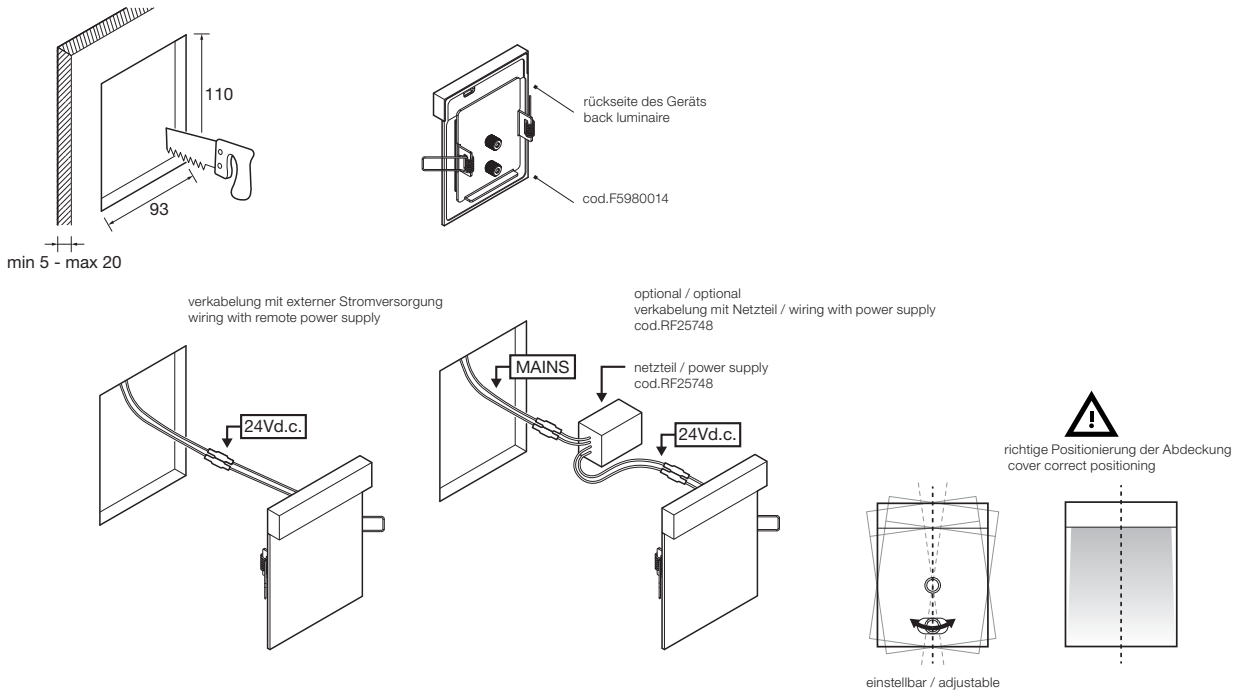
## Zubehörteile / Accessories

Installationsgehäuse für Mauerwerk oder Betonwand.	Box for installation for masonry or concrete wall.	F5962000		
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 Feineinbau 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 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 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 Feineinbau 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 Dimmable DALI		
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.	RF25755		
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.	RF25749		
Netzgerät für den Feineinbau 24Vdc 100W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24Vdc 100W / 120-240V IP67 Class II selv.	RF25756		

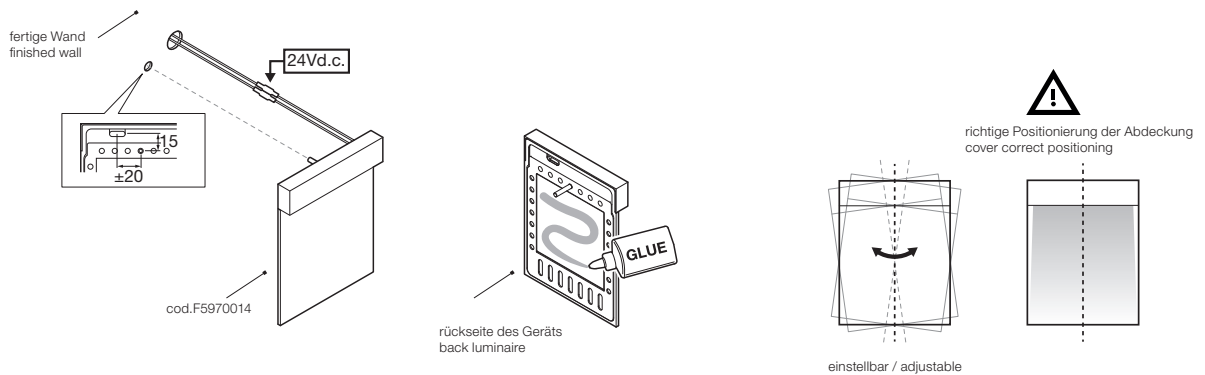
## Einbau in Mauerwerk mit Einbaugehäuse / Installation in Masonry with Box for Installation



## Einbau in Gipskartonplattenwand / Installation in Plasterboard Wall



## Einbau in Mauerwerk ohne Einbaugehäuse / Installation in Masonry without Box for Installation





**My Way**

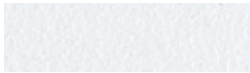




**Ausführungen / Colours**

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**My Way**



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

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 Pulverschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.

Die lackierten Oberflächen werden mit basis- 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.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt. Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

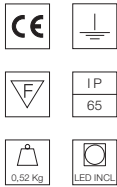
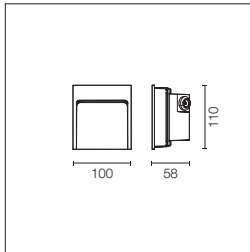
These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

## My Way 110X100

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



Stromquelle 110/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlussssystem 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.

### 2700K

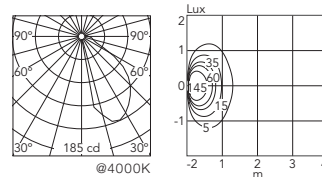
- F4350001
- F4350006
- F4350033
- F4350030
- F4350018
- F4350012

### 3000K

- F4351001
- F4351006
- F4351033
- F4351030
- F4351018
- F4351012

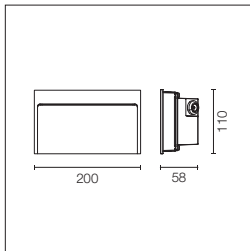
### 4000K

- F4352001
- F4352006
- F4352033
- F4352030
- F4352018
- F4352012



## My Way 110X200

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



Stromquelle 220/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlussssystem ausgestattet.

Integrated 220/240V power supply. Supplied with a 120 mm length outgoing neoprene cable and IP67 cable connection system.

### 2700K

Non Dimmable

- F4353001
- F4353006
- F4353033
- F4353030
- F4353018
- F4353012
- 1-10V
- F4353001-310
- F4353006-310
- F4353033-310
- F4353030-310
- F4353018-310
- F4353012-310
- Dali
- F4353001-300
- F4353006-300
- F4353033-300
- F4353030-300
- F4353018-300
- F4353012-300

### 3000K

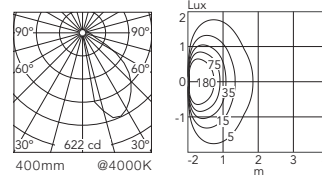
Non Dimmable

- F4354001
- F4354006
- F4354033
- F4354030
- F4354018
- F4354012
- 1-10V
- F4354001-310
- F4354006-310
- F4354033-310
- F4354030-310
- F4354018-310
- F4354012-310
- Dali
- F4354001-300
- F4354006-300
- F4354033-300
- F4354030-300
- F4354018-300
- F4354012-300

### 4000K

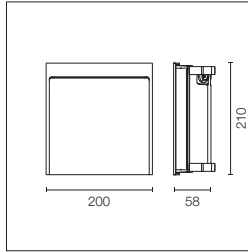
Non Dimmable

- F4355001
- F4355006
- F4355033
- F4355030
- F4355018
- F4355012
- 1-10V
- F4355001-310
- F4355006-310
- F4355033-310
- F4355030-310
- F4355018-310
- F4355012-310
- Dali
- F4355001-300
- F4355006-300
- F4355033-300
- F4355030-300
- F4355018-300
- F4355012-300



# My Way 210X200

**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



Stromquelle 220/240 V integriert. Mit einer doppelten Kabelverschraubung aus Kunststoffmaterial mit Kabelquerschnitten von 7,5 <math>< \varnothing < 9,5</math> mm ausgestattet.

Integrated 220/240V power supply. Supplied with a double length in plastic material for 7.5<math>< \varnothing < 9.5</math> mm section cables.

## 2700K

Non Dimmable

- F4356001
- F4356006
- F4356033
- F4356030
- F4356018
- F4356012
- 1-10V
- F4356001-310
- F4356006-310
- F4356033-310
- F4356030-310
- F4356018-310
- F4356012-310
- Dali
- F4356001-300
- F4356006-300
- F4356033-300
- F4356030-300
- F4356018-300
- F4356012-300

## 3000K

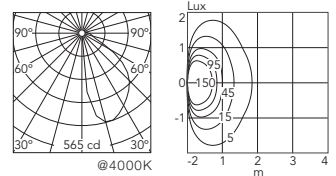
Non Dimmable

- F4357001
- F4357006
- F4357033
- F4357030
- F4357018
- F4357012
- 1-10V
- F4357001-310
- F4357006-310
- F4357033-310
- F4357030-310
- F4357018-310
- F4357012-310
- Dali
- F4357001-300
- F4357006-300
- F4357033-300
- F4357030-300
- F4357018-300
- F4357012-300

## 4000K

Non Dimmable

- F4358001
- F4358006
- F4358033
- F4358030
- F4358018
- F4358012
- 1-10V
- F4358001-310
- F4358006-310
- F4358033-310
- F4358030-310
- F4358018-310
- F4358012-310
- Dali
- F4358001-300
- F4358006-300
- F4358033-300
- F4358030-300
- F4358018-300
- F4358012-300



## Zubehörteile / Accessories

Einbaugehäuse.

Box for installation.

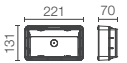
My Way 100x110  
F4301000



Einbaugehäuse.

Box for installation.

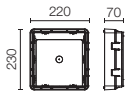
My Way 200x110  
F4302000



Einbaugehäuse.

Box for installation.

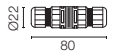
My Way 200x210  
F4303000



Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, ( $\varnothing 5,5 \div 12$ mm Kabel).

2 way terminal block 4 poles IP68 H2O Stop. ( $\varnothing 5,5 \div 12$ mm cable).

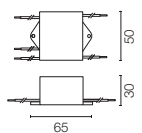
F990C00A000



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





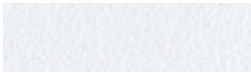




**Ausführungen / Colours**

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**Climber**



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

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 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.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt. Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/ Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

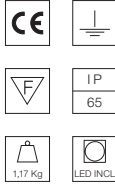
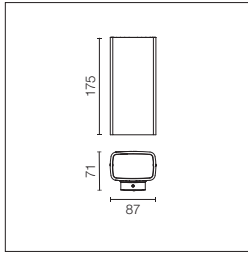
The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

# Climber Down - 87

**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



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.

## 2700K

Non Dimmable

- F1110001
- F1110006
- F1110033
- F1110030
- F1110018
- F1110012

1-10V

- F1110001-310
- F1110006-310
- F1110033-310
- F1110030-310
- F1110018-310
- F1110012-310

Dali

- F1110001-300
- F1110006-300
- F1110033-300
- F1110030-300
- F1110018-300
- F1110012-300

## 2700K

Non Dimmable

- F1111001
- F1111006
- F1111033
- F1111030
- F1111018
- F1111012

1-10V

- F1111001-310
- F1111006-310
- F1111033-310
- F1111030-310
- F1111018-310
- F1111012-310

Dali

- F1111001-300
- F1111006-300
- F1111033-300
- F1111030-300
- F1111018-300
- F1111012-300

## 3000K

Non Dimmable

- F1112001
- F1112006
- F1112033
- F1112030
- F1112018
- F1112012

1-10V

- F1112001-310
- F1112006-310
- F1112033-310
- F1112030-310
- F1112018-310
- F1112012-310

Dali

- F1112001-300
- F1112006-300
- F1112033-300
- F1112030-300
- F1112018-300
- F1112012-300

## 3000K

Non Dimmable

- F1113001
- F1113006
- F1113033
- F1113030
- F1113018
- F1113012

1-10V

- F1113001-310
- F1113006-310
- F1113033-310
- F1113030-310
- F1113018-310
- F1113012-310

Dali

- F1113001-300
- F1113006-300
- F1113033-300
- F1113030-300
- F1113018-300
- F1113012-300

## 4000K

Non Dimmable

- F1114001
- F1114006
- F1114033
- F1114030
- F1114018
- F1114012

1-10V

- F1114001-310
- F1114006-310
- F1114033-310
- F1114030-310
- F1114018-310
- F1114012-310

Dali

- F1114001-300
- F1114006-300
- F1114033-300
- F1114030-300
- F1114018-300
- F1114012-300

## 4000K

Non Dimmable

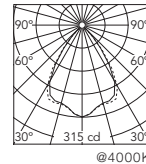
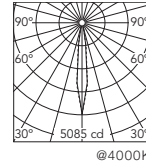
- F1115001
- F1115006
- F1115033
- F1115030
- F1115018
- F1115012

1-10V

- F1115001-310
- F1115006-310
- F1115033-310
- F1115030-310
- F1115018-310
- F1115012-310

Dali

- F1115001-300
- F1115006-300
- F1115033-300
- F1115030-300
- F1115018-300
- F1115012-300

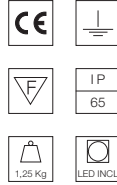
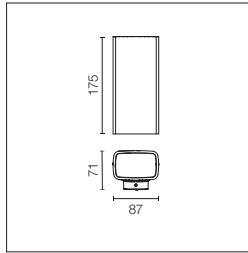


## Climber Up&Down - 87

**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



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.

### 2700K

Non Dimmable

- F1116001
- F1116006
- F1116033
- F1116030
- F1116018
- F1116012
- 1-10V
- F1116001-310
- F1116006-310
- F1116033-310
- F1116030-310
- F1116018-310
- F1116012-310
- Dali
- F1116001-300
- F1116006-300
- F1116033-300
- F1116030-300
- F1116018-300
- F1116012-300

### 3000K

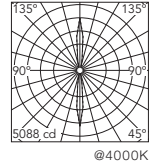
Non Dimmable

- F1118001
- F1118006
- F1118033
- F1118030
- F1118018
- F1118012
- 1-10V
- F1118001-310
- F1118006-310
- F1118033-310
- F1118030-310
- F1118018-310
- F1118012-310
- Dali
- F1118001-300
- F1118006-300
- F1118033-300
- F1118030-300
- F1118018-300
- F1118012-300

### 4000K

Non Dimmable

- F1120001
- F1120006
- F1120033
- F1120030
- F1120018
- F1120012
- 1-10V
- F1120001-310
- F1120006-310
- F1120033-310
- F1120030-310
- F1120018-310
- F1120012-310
- Dali
- F1120001-300
- F1120006-300
- F1120033-300
- F1120030-300
- F1120018-300
- F1120012-300



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	

5088 cd @4000K

### 2700K

Non Dimmable

- F1117001
- F1117006
- F1117033
- F1117030
- F1117018
- F1117012
- 1-10V
- F1117001-310
- F1117006-310
- F1117033-310
- F1117030-310
- F1117018-310
- F1117012-310
- Dali
- F1117001-300
- F1117006-300
- F1117033-300
- F1117030-300
- F1117018-300
- F1117012-300

### 3000K

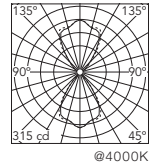
Non Dimmable

- F1119001
- F1119006
- F1119033
- F1119030
- F1119018
- F1119012
- 1-10V
- F1119001-310
- F1119006-310
- F1119033-310
- F1119030-310
- F1119018-310
- F1119012-310
- Dali
- F1119001-300
- F1119006-300
- F1119033-300
- F1119030-300
- F1119018-300
- F1119012-300

### 4000K

Non Dimmable

- F1121001
- F1121006
- F1121033
- F1121030
- F1121018
- F1121012
- 1-10V
- F1121001-310
- F1121006-310
- F1121033-310
- F1121030-310
- F1121018-310
- F1121012-310
- Dali
- F1121001-300
- F1121006-300
- F1121033-300
- F1121030-300
- F1121018-300
- F1121012-300



Beam Angle DIR: 73°			
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	

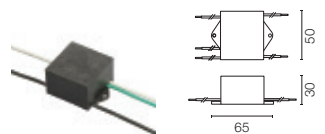
315 cd @4000K

## Climber 87: 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

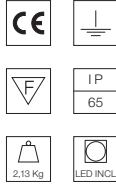
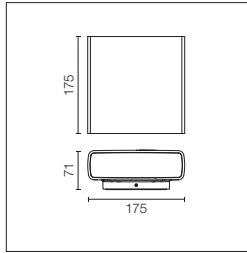


## Climber Down - 175

**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



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.

### 2700K

Non Dimmable

- F1140001
- F1140006
- F1140033
- F1140030
- F1140018
- F1140012

1-10V

- F1140001-310
- F1140006-310
- F1140033-310
- F1140030-310
- F1140018-310
- F1140012-310

Dali

- F1140001-300
- F1140006-300
- F1140033-300
- F1140030-300
- F1140018-300
- F1140012-300

### 2700K

Non Dimmable

- F1141001
- F1141006
- F1141033
- F1141030
- F1141018
- F1141012

1-10V

- F1141001-310
- F1141006-310
- F1141033-310
- F1141030-310
- F1141018-310
- F1141012-310

Dali

- F1141001-300
- F1141006-300
- F1141033-300
- F1141030-300
- F1141018-300
- F1141012-300

### 3000K

Non Dimmable

- F1142001
- F1142006
- F1142033
- F1142030
- F1142018
- F1142012

1-10V

- F1142001-310
- F1142006-310
- F1142033-310
- F1142030-310
- F1142018-310
- F1142012-310

Dali

- F1142001-300
- F1142006-300
- F1142033-300
- F1142030-300
- F1142018-300
- F1142012-300

### 3000K

Non Dimmable

- F1143001
- F1143006
- F1143033
- F1143030
- F1143018
- F1143012

1-10V

- F1143001-310
- F1143006-310
- F1143033-310
- F1143030-310
- F1143018-310
- F1143012-310

Dali

- F1143001-300
- F1143006-300
- F1143033-300
- F1143030-300
- F1143018-300
- F1143012-300

### 4000K

Non Dimmable

- F1144001
- F1144006
- F1144033
- F1144030
- F1144018
- F1144012

1-10V

- F1144001-310
- F1144006-310
- F1144033-310
- F1144030-310
- F1144018-310
- F1144012-310

Dali

- F1144001-300
- F1144006-300
- F1144033-300
- F1144030-300
- F1144018-300
- F1144012-300

### 4000K

Non Dimmable

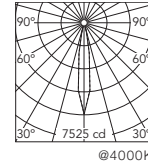
- F1145001
- F1145006
- F1145033
- F1145030
- F1145018
- F1145012

1-10V

- F1145001-310
- F1145006-310
- F1145033-310
- F1145030-310
- F1145018-310
- F1145012-310

Dali

- F1145001-300
- F1145006-300
- F1145033-300
- F1145030-300
- F1145018-300
- F1145012-300



Beam Angle: 16°

h(m) E(lx) D(m)

1 7525 0.28

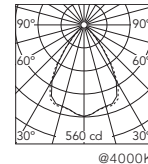
2 1881 0.55

3 836 0.83

4 470 1.10

5 301 1.38

@4000K



Beam Angle: 72°

h(m) E(lx) D(m)

1 560 1.41

2 140 2.83

3 62 4.24

4 35 5.65

5 22 7.06

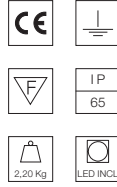
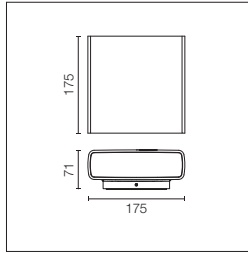
@4000K

## Climber Up&Down - 175

**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



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.

### 2700K

Non Dimmable

- F1146001
- F1146006
- F1146033
- F1146030
- F1146018
- F1146012
- 1-10V
- F1146001-310
- F1146006-310
- F1146033-310
- F1146030-310
- F1146018-310
- F1146012-310
- Dali
- F1146001-300
- F1146006-300
- F1146033-300
- F1146030-300
- F1146018-300
- F1146012-300

### 3000K

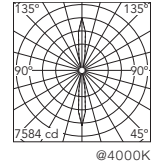
Non Dimmable

- F1148001
- F1148006
- F1148033
- F1148030
- F1148018
- F1148012
- 1-10V
- F1148001-310
- F1148006-310
- F1148033-310
- F1148030-310
- F1148018-310
- F1148012-310
- Dali
- F1148001-300
- F1148006-300
- F1148033-300
- F1148030-300
- F1148018-300
- F1148012-300

### 4000K

Non Dimmable

- F1150001
- F1150006
- F1150033
- F1150030
- F1150018
- F1150012
- 1-10V
- F1150001-310
- F1150006-310
- F1150033-310
- F1150030-310
- F1150018-310
- F1150012-310
- Dali
- F1150001-300
- F1150006-300
- F1150033-300
- F1150030-300
- F1150018-300
- F1150012-300



Beam Angle DIR: 16°

### 2700K

Non Dimmable

- F1147001
- F1147006
- F1147033
- F1147030
- F1147018
- F1147012
- 1-10V
- F1147001-310
- F1147006-310
- F1147033-310
- F1147030-310
- F1147018-310
- F1147012-310
- Dali
- F1147001-300
- F1147006-300
- F1147033-300
- F1147030-300
- F1147018-300
- F1147012-300

### 3000K

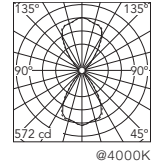
Non Dimmable

- F1149001
- F1149006
- F1149033
- F1149030
- F1149018
- F1149012
- 1-10V
- F1149001-310
- F1149006-310
- F1149033-310
- F1149030-310
- F1149018-310
- F1149012-310
- Dali
- F1149001-300
- F1149006-300
- F1149033-300
- F1149030-300
- F1149018-300
- F1149012-300

### 4000K

Non Dimmable

- F1151001
- F1151006
- F1151033
- F1151030
- F1151018
- F1151012
- 1-10V
- F1151001-310
- F1151006-310
- F1151033-310
- F1151030-310
- F1151018-310
- F1151012-310
- Dali
- F1151001-300
- F1151006-300
- F1151033-300
- F1151030-300
- F1151018-300
- F1151012-300



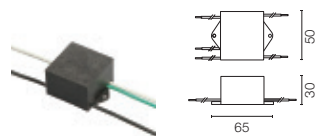
Beam Angle DIR: 72°

## Climber 175: 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

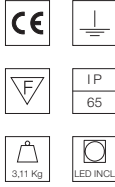
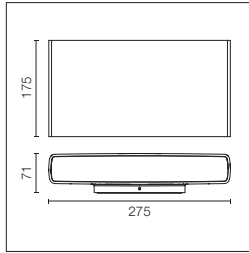


# Climber Down - 275

**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



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.

## 2700K

Non Dimmable

- F1170001
- F1170006
- F1170033
- F1170030
- F1170018
- F1170012

1-10V

- F1170001-310
- F1170006-310
- F1170033-310
- F1170030-310
- F1170018-310
- F1170012-310

Dali

- F1170001-300
- F1170006-300
- F1170033-300
- F1170030-300
- F1170018-300
- F1170012-300

## 2700K

Non Dimmable

- F1171001
- F1171006
- F1171033
- F1171030
- F1171018
- F1171012

1-10V

- F1171001-310
- F1171006-310
- F1171033-310
- F1171030-310
- F1171018-310
- F1171012-310

Dali

- F1171001-300
- F1171006-300
- F1171033-300
- F1171030-300
- F1171018-300
- F1171012-300

## 3000K

Non Dimmable

- F1172001
- F1172006
- F1172033
- F1172030
- F1172018
- F1172012

1-10V

- F1172001-310
- F1172006-310
- F1172033-310
- F1172030-310
- F1172018-310
- F1172012-310

Dali

- F1172001-300
- F1172006-300
- F1172033-300
- F1172030-300
- F1172018-300
- F1172012-300

## 3000K

Non Dimmable

- F1173001
- F1173006
- F1173033
- F1173030
- F1173018
- F1173012

1-10V

- F1173001-310
- F1173006-310
- F1173033-310
- F1173030-310
- F1173018-310
- F1173012-310

Dali

- F1173001-300
- F1173006-300
- F1173033-300
- F1173030-300
- F1173018-300
- F1173012-300

## 4000K

Non Dimmable

- F1174001
- F1174006
- F1174033
- F1174030
- F1174018
- F1174012

1-10V

- F1174001-310
- F1174006-310
- F1174033-310
- F1174030-310
- F1174018-310
- F1174012-310

Dali

- F1174001-300
- F1174006-300
- F1174033-300
- F1174030-300
- F1174018-300
- F1174012-300

## 4000K

Non Dimmable

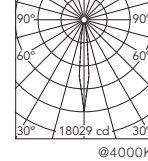
- F1175001
- F1175006
- F1175033
- F1175030
- F1175018
- F1175012

1-10V

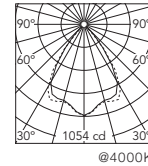
- F1175001-310
- F1175006-310
- F1175033-310
- F1175030-310
- F1175018-310
- F1175012-310

Dali

- F1175001-300
- F1175006-300
- F1175033-300
- F1175030-300
- F1175018-300
- F1175012-300



Beam Angle: 12°



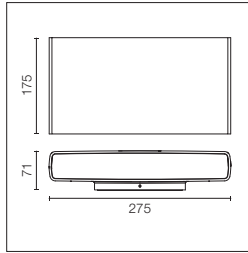
Beam Angle: 74°

## Climber Up&Down - 275

**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



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.

### 2700K

Non Dimmable

- F1176001
- F1176006
- F1176033
- F1176030
- F1176018
- F1176012
- 1-10V
- F1176001-310
- F1176006-310
- F1176033-310
- F1176030-310
- F1176018-310
- F1176012-310
- Dali
- F1176001-300
- F1176006-300
- F1176033-300
- F1176030-300
- F1176018-300
- F1176012-300

### 3000K

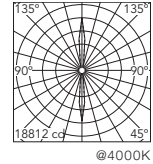
Non Dimmable

- F1178001
- F1178006
- F1178033
- F1178030
- F1178018
- F1178012
- 1-10V
- F1178001-310
- F1178006-310
- F1178033-310
- F1178030-310
- F1178018-310
- F1178012-310
- Dali
- F1178001-300
- F1178006-300
- F1178033-300
- F1178030-300
- F1178018-300
- F1178012-300

### 4000K

Non Dimmable

- F1180001
- F1180006
- F1180033
- F1180030
- F1180018
- F1180012
- 1-10V
- F1180001-310
- F1180006-310
- F1180033-310
- F1180030-310
- F1180018-310
- F1180012-310
- Dali
- F1180001-300
- F1180006-300
- F1180033-300
- F1180030-300
- F1180018-300
- F1180012-300



Beam Angle DIR: 12°	h(m)	E(ft)	D(m)
1	18812	0.22	
2	4703	0.44	
3	2090	0.66	
4	1176	0.87	
5	752	1.09	

### 2700K

Non Dimmable

- F1177001
- F1177006
- F1177033
- F1177030
- F1177018
- F1177012
- 1-10V
- F1177001-310
- F1177006-310
- F1177033-310
- F1177030-310
- F1177018-310
- F1177012-310
- Dali
- F1177001-300
- F1177006-300
- F1177033-300
- F1177030-300
- F1177018-300
- F1177012-300

### 3000K

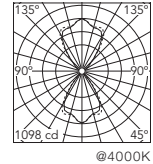
Non Dimmable

- F1179001
- F1179006
- F1179033
- F1179030
- F1179018
- F1179012
- 1-10V
- F1179001-310
- F1179006-310
- F1179033-310
- F1179030-310
- F1179018-310
- F1179012-310
- Dali
- F1179001-300
- F1179006-300
- F1179033-300
- F1179030-300
- F1179018-300
- F1179012-300

### 4000K

Non Dimmable

- F1181001
- F1181006
- F1181033
- F1181030
- F1181018
- F1181012
- 1-10V
- F1181001-310
- F1181006-310
- F1181033-310
- F1181030-310
- F1181018-310
- F1181012-310
- Dali
- F1181001-300
- F1181006-300
- F1181033-300
- F1181030-300
- F1181018-300
- F1181012-300



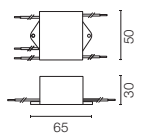
Beam Angle DIR: 74°	h(m)	E(ft)	D(m)
1	1098	1.45	
2	274	2.89	
3	122	4.34	
4	69	5.78	
5	44	7.23	

## Climber 275: Zubehörteile / Accessories

Überspannungsschutzgerät.  
275 Vac. Maximaler  
Entladestrom 10KA  
(8 / 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



# Outgraze

Designed by Flos Outdoor

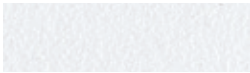




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**Ausführungen / Colours**

**Outgraze**



01 Weiss  
01 White



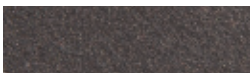
06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

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.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden. Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen. Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/ Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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 sand-blasted 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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

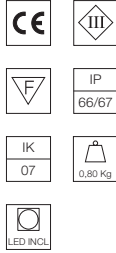
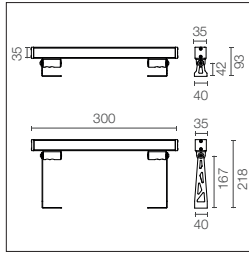
The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

# Outgraze 35 L 300 mm

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



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).

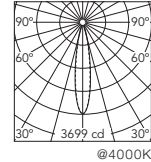
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires.

SMART version available upon request (power 4W - flux -50% lm).

## 1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A21H001 | ○ F020A31H001 |
| ● F020A21H006 | ● F020A31H006 |
| ● F020A21H033 | ● F020A31H033 |
| ● F020A21H030 | ● F020A31H030 |
| ● F020A21H018 | ● F020A31H018 |
| ● F020A21H012 | ● F020A31H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020A41H001 |
| ● F020A41H006 |
| ● F020A41H033 |
| ● F020A41H030 |
| ● F020A41H018 |
| ● F020A41H012 |



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	3699	0.34
2	925	0.68
3	411	1.02
4	231	1.36
5	148	1.70

@4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

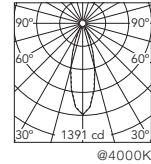
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020B21H001 | ○ F020B31H001 |
| ● F020B21H006 | ● F020B31H006 |
| ● F020B21H033 | ● F020B31H033 |
| ● F020B21H030 | ● F020B31H030 |
| ● F020B21H018 | ● F020B31H018 |
| ● F020B21H012 | ● F020B31H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020B41H001 |
| ● F020B41H006 |
| ● F020B41H033 |
| ● F020B41H030 |
| ● F020B41H018 |
| ● F020B41H012 |

## 1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A25H001 | ○ F020A35H001 |
| ● F020A25H006 | ● F020A35H006 |
| ● F020A25H033 | ● F020A35H033 |
| ● F020A25H030 | ● F020A35H030 |
| ● F020A25H018 | ● F020A35H018 |
| ● F020A25H012 | ● F020A35H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020A45H001 |
| ● F020A45H006 |
| ● F020A45H033 |
| ● F020A45H030 |
| ● F020A45H018 |
| ● F020A45H012 |



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	1391	0.55
2	348	1.11
3	155	1.66
4	87	2.22
5	56	2.77

@4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

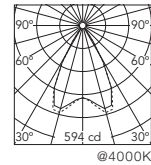
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020B25H001 | ○ F020B35H001 |
| ● F020B25H006 | ● F020B35H006 |
| ● F020B25H033 | ● F020B35H033 |
| ● F020B25H030 | ● F020B35H030 |
| ● F020B25H018 | ● F020B35H018 |
| ● F020B25H012 | ● F020B35H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020B45H001 |
| ● F020B45H006 |
| ● F020B45H033 |
| ● F020B45H030 |
| ● F020B45H018 |
| ● F020B45H012 |

## 1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A2AH001 | ○ F020A3AH001 |
| ● F020A2AH006 | ● F020A3AH006 |
| ● F020A2AH033 | ● F020A3AH033 |
| ● F020A2AH030 | ● F020A3AH030 |
| ● F020A2AH018 | ● F020A3AH018 |
| ● F020A2AH012 | ● F020A3AH012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020A4AH001 |
| ● F020A4AH006 |
| ● F020A4AH033 |
| ● F020A4AH030 |
| ● F020A4AH018 |
| ● F020A4AH012 |



Beam Angle: 59°

h(m)	E(lx)	D(m)
1	594	1.14
2	148	2.28
3	66	3.41
4	37	4.55
5	24	5.69

@4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020B2AH001 | ○ F020B3AH001 |
| ● F020B2AH006 | ● F020B3AH006 |
| ● F020B2AH033 | ● F020B3AH033 |
| ● F020B2AH030 | ● F020B3AH030 |
| ● F020B2AH018 | ● F020B3AH018 |
| ● F020B2AH012 | ● F020B3AH012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020B4AH001 |
| ● F020B4AH006 |
| ● F020B4AH033 |
| ● F020B4AH030 |
| ● F020B4AH018 |
| ● F020B4AH012 |

\*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).

\*Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

**2700K**

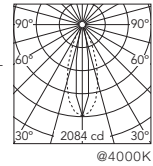
- F020A2EH001
- F020A2EH006
- F020A2EH033
- F020A2EH030
- F020A2EH018
- F020A2EH012

**3000K**

- F020A3EH001
- F020A3EH006
- F020A3EH033
- F020A3EH030
- F020A3EH018
- F020A3EH012

**4000K**

- F020A4EH001
- F020A4EH006
- F020A4EH033
- F020A4EH030
- F020A4EH018
- F020A4EH012



Beam Angle: 38°

h(m)	E(lx)	D(m)
1	2084	0.30
2	521	0.60
3	232	0.90
4	130	1.20
5	83	1.50

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

**2700K**

- F020B2EH001
- F020B2EH006
- F020B2EH033
- F020B2EH030
- F020B2EH018
- F020B2EH012

**3000K**

- F020B3EH001
- F020B3EH006
- F020B3EH033
- F020B3EH030
- F020B3EH018
- F020B3EH012

**4000K**

- F020B4EH001
- F020B4EH006
- F020B4EH033
- F020B4EH030
- F020B4EH018
- F020B4EH012

**1Standard** - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

**2700K**

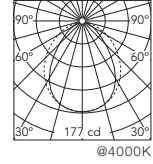
- F020A2JH001
- F020A2JH006
- F020A2JH033
- F020A2JH030
- F020A2JH018
- F020A2JH012

**3000K**

- F020A3JH001
- F020A3JH006
- F020A3JH033
- F020A3JH030
- F020A3JH018
- F020A3JH012

**4000K**

- F020A4JH001
- F020A4JH006
- F020A4JH033
- F020A4JH030
- F020A4JH018
- F020A4JH012



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	177	1.67
2	44	3.34
3	20	5.00
4	11	6.67
5	7	8.34

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

**2700K**

- F020B2JH001
- F020B2JH006
- F020B2JH033
- F020B2JH030
- F020B2JH018
- F020B2JH012

**3000K**

- F020B3JH001
- F020B3JH006
- F020B3JH033
- F020B3JH030
- F020B3JH018
- F020B3JH012

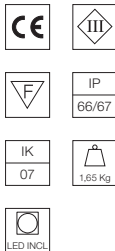
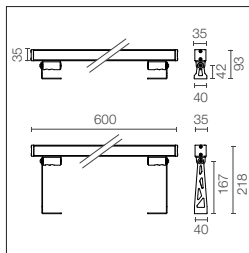
**4000K**

- F020B4JH001
- F020B4JH006
- F020B4JH033
- F020B4JH030
- F020B4JH018
- F020B4JH012

# Outgraze 35 L 600 mm

**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



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).

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

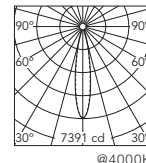
- F020A22H001
- F020A22H006
- F020A22H033
- F020A22H030
- F020A22H018
- F020A22H012

### 3000K

- F020A32H001
- F020A32H006
- F020A32H033
- F020A32H030
- F020A32H018
- F020A32H012

### 4000K

- F020A42H001
- F020A42H006
- F020A42H033
- F020A42H030
- F020A42H018
- F020A42H012



Beam Angle: 18°		
h(m)	E(lx)	D(m)
1	7391	0.34
2	1848	0.68
3	821	1.02
4	462	1.36
5	296	1.70

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020B22H001
- F020B22H006
- F020B22H033
- F020B22H030
- F020B22H018
- F020B22H012

### 3000K

- F020B32H001
- F020B32H006
- F020B32H033
- F020B32H030
- F020B32H018
- F020B32H012

### 4000K

- F020B42H001
- F020B42H006
- F020B42H033
- F020B42H030
- F020B42H018
- F020B42H012

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

### 2700K

- F020C22H001
- F020C22H006
- F020C22H033
- F020C22H030
- F020C22H018
- F020C22H012

### 3000K

- F020C32H001
- F020C32H006
- F020C32H033
- F020C32H030
- F020C32H018
- F020C32H012

### 4000K

- F020C42H001
- F020C42H006
- F020C42H033
- F020C42H030
- F020C42H018
- F020C42H012

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

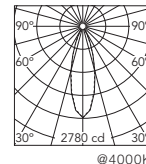
- F020A26H001
- F020A26H006
- F020A26H033
- F020A26H030
- F020A26H018
- F020A26H012

### 3000K

- F020A36H001
- F020A36H006
- F020A36H033
- F020A36H030
- F020A36H018
- F020A36H012

### 4000K

- F020A46H001
- F020A46H006
- F020A46H033
- F020A46H030
- F020A46H018
- F020A46H012



Beam Angle: 30°		
h(m)	E(lx)	D(m)
1	2780	0.55
2	695	1.11
3	309	1.66
4	174	2.22
5	111	2.77

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020B26H001
- F020B26H006
- F020B26H033
- F020B26H030
- F020B26H018
- F020B26H012

### 3000K

- F020B36H001
- F020B36H006
- F020B36H033
- F020B36H030
- F020B36H018
- F020B36H012

### 4000K

- F020B46H001
- F020B46H006
- F020B46H033
- F020B46H030
- F020B46H018
- F020B46H012

## <sup>3</sup>Continuous Line In/Out H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

### 2700K

- F020C26H001
- F020C26H006
- F020C26H033
- F020C26H030
- F020C26H018
- F020C26H012

### 3000K

- F020C36H001
- F020C36H006
- F020C36H033
- F020C36H030
- F020C36H018
- F020C36H012

### 4000K

- F020C46H001
- F020C46H006
- F020C46H033
- F020C46H030
- F020C46H018
- F020C46H012

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnelle Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

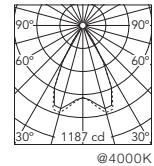
- F020A2BH001
- F020A2BH006
- F020A2BH033
- F020A2BH030
- F020A2BH018
- F020A2BH012

**3000K**

- F020A3BH001
- F020A3BH006
- F020A3BH033
- F020A3BH030
- F020A3BH018
- F020A3BH012

**4000K**

- F020A4BH001
- F020A4BH006
- F020A4BH033
- F020A4BH030
- F020A4BH018
- F020A4BH012



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 H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2BH001
- F020B2BH006
- F020B2BH033
- F020B2BH030
- F020B2BH018
- F020B2BH012

**3000K**

- F020B3BH001
- F020B3BH006
- F020B3BH033
- F020B3BH030
- F020B3BH018
- F020B3BH012

**4000K**

- F020B4BH001
- F020B4BH006
- F020B4BH033
- F020B4BH030
- F020B4BH018
- F020B4BH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2BH001
- F020C2BH006
- F020C2BH033
- F020C2BH030
- F020C2BH018
- F020C2BH012

**3000K**

- F020C3BH001
- F020C3BH006
- F020C3BH033
- F020C3BH030
- F020C3BH018
- F020C3BH012

**4000K**

- F020C4BH001
- F020C4BH006
- F020C4BH033
- F020C4BH030
- F020C4BH018
- F020C4BH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

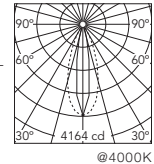
- F020A2FH001
- F020A2FH006
- F020A2FH033
- F020A2FH030
- F020A2FH018
- F020A2FH012

**3000K**

- F020A3FH001
- F020A3FH006
- F020A3FH033
- F020A3FH030
- F020A3FH018
- F020A3FH012

**4000K**

- F020A4FH001
- F020A4FH006
- F020A4FH033
- F020A4FH030
- F020A4FH018
- F020A4FH012



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 H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2FH001
- F020B2FH006
- F020B2FH033
- F020B2FH030
- F020B2FH018
- F020B2FH012

**3000K**

- F020B3FH001
- F020B3FH006
- F020B3FH033
- F020B3FH030
- F020B3FH018
- F020B3FH012

**4000K**

- F020B4FH001
- F020B4FH006
- F020B4FH033
- F020B4FH030
- F020B4FH018
- F020B4FH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2FH001
- F020C2FH006
- F020C2FH033
- F020C2FH030
- F020C2FH018
- F020C2FH012

**3000K**

- F020C3FH001
- F020C3FH006
- F020C3FH033
- F020C3FH030
- F020C3FH018
- F020C3FH012

**4000K**

- F020C4FH001
- F020C4FH006
- F020C4FH033
- F020C4FH030
- F020C4FH018
- F020C4FH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

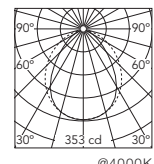
- F020A2KH001
- F020A2KH006
- F020A2KH033
- F020A2KH030
- F020A2KH018
- F020A2KH012

**3000K**

- F020A3KH001
- F020A3KH006
- F020A3KH033
- F020A3KH030
- F020A3KH018
- F020A3KH012

**4000K**

- F020A4KH001
- F020A4KH006
- F020A4KH033
- F020A4KH030
- F020A4KH018
- F020A4KH012



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 H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2KH001
- F020B2KH006
- F020B2KH033
- F020B2KH030
- F020B2KH018
- F020B2KH012

**3000K**

- F020B3KH001
- F020B3KH006
- F020B3KH033
- F020B3KH030
- F020B3KH018
- F020B3KH012

**4000K**

- F020B4KH001
- F020B4KH006
- F020B4KH033
- F020B4KH030
- F020B4KH018
- F020B4KH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2KH001
- F020C2KH006
- F020C2KH033
- F020C2KH030
- F020C2KH018
- F020C2KH012

**3000K**

- F020C3KH001
- F020C3KH006
- F020C3KH033
- F020C3KH030
- F020C3KH018
- F020C3KH012

**4000K**

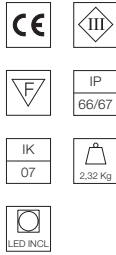
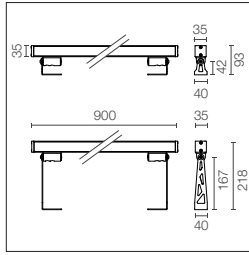
- F020C4KH001
- F020C4KH006
- F020C4KH033
- F020C4KH030
- F020C4KH018
- F020C4KH012

# Outgraze 35 L 900 mm

Power Led: 18W - 2087 lm  $\neq$  \*FIXT 1551 lm - 2700K/CRI 80 - 48V / 18W - 2161 lm  $\neq$  \*FIXT 1607 lm - 3000K/CRI 80 - 48V /

18W - 2236 lm  $\neq$  \*FIXT 1662 lm - 4000K/CRI 80 - 48V

\*FIXT lm = Medium Optic



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).

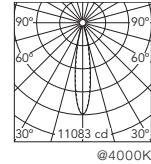
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires.

SMART version available upon request (power 11W - flux -50% lm).

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A23H001 | ○ F020A33H001 |
| ● F020A23H006 | ● F020A33H006 |
| ● F020A23H033 | ● F020A33H033 |
| ● F020A23H030 | ● F020A33H030 |
| ● F020A23H018 | ● F020A33H018 |
| ● F020A23H012 | ● F020A33H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020A43H001 |
| ● F020A43H006 |
| ● F020A43H033 |
| ● F020A43H030 |
| ● F020A43H018 |
| ● F020A43H012 |



Beam Angle: 18°	h(m)	E(lx)	D(m)
1	11083	0.34	
2	2771	0.68	
3	1231	1.02	
4	693	1.36	
5	443	1.70	

@4000K

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020B23H001 | ○ F020B33H001 |
| ● F020B23H006 | ● F020B33H006 |
| ● F020B23H033 | ● F020B33H033 |
| ● F020B23H030 | ● F020B33H030 |
| ● F020B23H018 | ● F020B33H018 |
| ● F020B23H012 | ● F020B33H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020B43H001 |
| ● F020B43H006 |
| ● F020B43H033 |
| ● F020B43H030 |
| ● F020B43H018 |
| ● F020B43H012 |

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

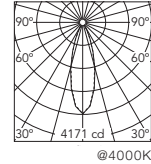
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020C23H001 | ○ F020C33H001 |
| ● F020C23H006 | ● F020C33H006 |
| ● F020C23H033 | ● F020C33H033 |
| ● F020C23H030 | ● F020C33H030 |
| ● F020C23H018 | ● F020C33H018 |
| ● F020C23H012 | ● F020C33H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020C43H001 |
| ● F020C43H006 |
| ● F020C43H033 |
| ● F020C43H030 |
| ● F020C43H018 |
| ● F020C43H012 |

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A27H001 | ○ F020A37H001 |
| ● F020A27H006 | ● F020A37H006 |
| ● F020A27H033 | ● F020A37H033 |
| ● F020A27H030 | ● F020A37H030 |
| ● F020A27H018 | ● F020A37H018 |
| ● F020A27H012 | ● F020A37H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020A47H001 |
| ● F020A47H006 |
| ● F020A47H033 |
| ● F020A47H030 |
| ● F020A47H018 |
| ● F020A47H012 |



Beam Angle: 30°	h(m)	E(lx)	D(m)
1	4171	0.55	
2	1043	1.11	
3	463	1.66	
4	261	2.22	
5	167	2.77	

@4000K

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020B27H001 | ○ F020B37H001 |
| ● F020B27H006 | ● F020B37H006 |
| ● F020B27H033 | ● F020B37H033 |
| ● F020B27H030 | ● F020B37H030 |
| ● F020B27H018 | ● F020B37H018 |
| ● F020B27H012 | ● F020B37H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020B47H001 |
| ● F020B47H006 |
| ● F020B47H033 |
| ● F020B47H030 |
| ● F020B47H018 |
| ● F020B47H012 |

## <sup>3</sup>Continuous Line In/Out H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020C27H001 | ○ F020C37H001 |
| ● F020C27H006 | ● F020C37H006 |
| ● F020C27H033 | ● F020C37H033 |
| ● F020C27H030 | ● F020C37H030 |
| ● F020C27H018 | ● F020C37H018 |
| ● F020C27H012 | ● F020C37H012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F020C47H001 |
| ● F020C47H006 |
| ● F020C47H033 |
| ● F020C47H030 |
| ● F020C47H018 |
| ● F020C47H012 |

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnelle Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

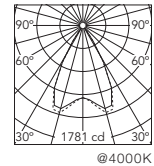
- F020A2CH001
- F020A2CH006
- F020A2CH033
- F020A2CH030
- F020A2CH018
- F020A2CH012

**3000K**

- F020A3CH001
- F020A3CH006
- F020A3CH033
- F020A3CH030
- F020A3CH018
- F020A3CH012

**4000K**

- F020A4CH001
- F020A4CH006
- F020A4CH033
- F020A4CH030
- F020A4CH018
- F020A4CH012



Beam Angle: 59°

h(m)	E(ft)	D(m)
1	1781	1.14
2	445	2.28
3	198	3.41
4	111	4.55
5	71	5.69

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2CH001
- F020B2CH006
- F020B2CH033
- F020B2CH030
- F020B2CH018
- F020B2CH012

**3000K**

- F020B3CH001
- F020B3CH006
- F020B3CH033
- F020B3CH030
- F020B3CH018
- F020B3CH012

**4000K**

- F020B4CH001
- F020B4CH006
- F020B4CH033
- F020B4CH030
- F020B4CH018
- F020B4CH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2CH001
- F020C2CH006
- F020C2CH033
- F020C2CH030
- F020C2CH018
- F020C2CH012

**3000K**

- F020C3CH001
- F020C3CH006
- F020C3CH033
- F020C3CH030
- F020C3CH018
- F020C3CH012

**4000K**

- F020C4CH001
- F020C4CH006
- F020C4CH033
- F020C4CH030
- F020C4CH018
- F020C4CH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

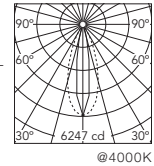
- F020A2GH001
- F020A2GH006
- F020A2GH033
- F020A2GH030
- F020A2GH018
- F020A2GH012

**3000K**

- F020A3GH001
- F020A3GH006
- F020A3GH033
- F020A3GH030
- F020A3GH018
- F020A3GH012

**4000K**

- F020A4GH001
- F020A4GH006
- F020A4GH033
- F020A4GH030
- F020A4GH018
- F020A4GH012



Beam Angle: 38°

h(m)	E(ft)	D(m)
1	6247	0.30
2	1562	0.60
3	694	0.90
4	390	1.20
5	250	1.50

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2GH001
- F020B2GH006
- F020B2GH033
- F020B2GH030
- F020B2GH018
- F020B2GH012

**3000K**

- F020B3GH001
- F020B3GH006
- F020B3GH033
- F020B3GH030
- F020B3GH018
- F020B3GH012

**4000K**

- F020B4GH001
- F020B4GH006
- F020B4GH033
- F020B4GH030
- F020B4GH018
- F020B4GH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2GH001
- F020C2GH006
- F020C2GH033
- F020C2GH030
- F020C2GH018
- F020C2GH012

**3000K**

- F020C3GH001
- F020C3GH006
- F020C3GH033
- F020C3GH030
- F020C3GH018
- F020C3GH012

**4000K**

- F020C4GH001
- F020C4GH006
- F020C4GH033
- F020C4GH030
- F020C4GH018
- F020C4GH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

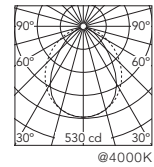
- F020A2LH001
- F020A2LH006
- F020A2LH033
- F020A2LH030
- F020A2LH018
- F020A2LH012

**3000K**

- F020A3LH001
- F020A3LH006
- F020A3LH033
- F020A3LH030
- F020A3LH018
- F020A3LH012

**4000K**

- F020A4LH001
- F020A4LH006
- F020A4LH033
- F020A4LH030
- F020A4LH018
- F020A4LH012



Beam Angle: 90°

h(m)	E(ft)	D(m)
1	530	1.67
2	132	3.34
3	59	5.00
4	33	6.67
5	21	8.34

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2LH001
- F020B2LH006
- F020B2LH033
- F020B2LH030
- F020B2LH018
- F020B2LH012

**3000K**

- F020B3LH001
- F020B3LH006
- F020B3LH033
- F020B3LH030
- F020B3LH018
- F020B3LH012

**4000K**

- F020B4LH001
- F020B4LH006
- F020B4LH033
- F020B4LH030
- F020B4LH018
- F020B4LH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2LH001
- F020C2LH006
- F020C2LH033
- F020C2LH030
- F020C2LH018
- F020C2LH012

**3000K**

- F020C3LH001
- F020C3LH006
- F020C3LH033
- F020C3LH030
- F020C3LH018
- F020C3LH012

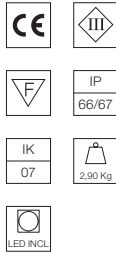
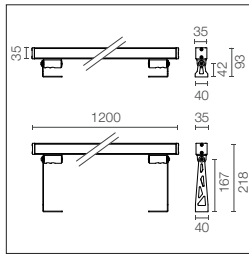
**4000K**

- F020C4LH001
- F020C4LH006
- F020C4LH033
- F020C4LH030
- F020C4LH018
- F020C4LH012

# Outgraze 35 L 1200 mm

**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



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).

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F020A24H001 | ○ F020A34H001 |
| ● F020A24H006 | ● F020A34H006 |
| ● F020A24H033 | ● F020A34H033 |
| ● F020A24H030 | ● F020A34H030 |
| ● F020A24H018 | ● F020A34H018 |
| ● F020A24H012 | ● F020A34H012 |

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B24H001 | ○ F020B34H001 | ○ F020B44H001 |
| ● F020B24H006 | ● F020B34H006 | ● F020B44H006 |
| ● F020B24H033 | ● F020B34H033 | ● F020B44H033 |
| ● F020B24H030 | ● F020B34H030 | ● F020B44H030 |
| ● F020B24H018 | ● F020B34H018 | ● F020B44H018 |
| ● F020B24H012 | ● F020B34H012 | ● F020B44H012 |

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C24H001 | ○ F020C34H001 | ○ F020C44H001 |
| ● F020C24H006 | ● F020C34H006 | ● F020C44H006 |
| ● F020C24H033 | ● F020C34H033 | ● F020C44H033 |
| ● F020C24H030 | ● F020C34H030 | ● F020C44H030 |
| ● F020C24H018 | ● F020C34H018 | ● F020C44H018 |
| ● F020C24H012 | ● F020C34H012 | ● F020C44H012 |

## <sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

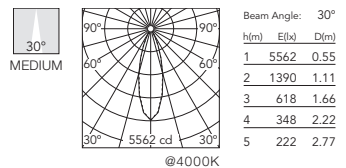
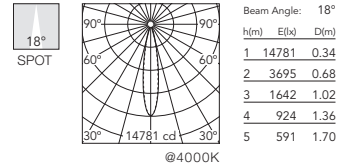
- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020A28H001 | ○ F020A38H001 | ○ F020A48H001 |
| ● F020A28H006 | ● F020A38H006 | ● F020A48H006 |
| ● F020A28H033 | ● F020A38H033 | ● F020A48H033 |
| ● F020A28H030 | ● F020A38H030 | ● F020A48H030 |
| ● F020A28H018 | ● F020A38H018 | ● F020A48H018 |
| ● F020A28H012 | ● F020A38H012 | ● F020A48H012 |

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020B28H001 | ○ F020B38H001 | ○ F020B48H001 |
| ● F020B28H006 | ● F020B38H006 | ● F020B48H006 |
| ● F020B28H033 | ● F020B38H033 | ● F020B48H033 |
| ● F020B28H030 | ● F020B38H030 | ● F020B48H030 |
| ● F020B28H018 | ● F020B38H018 | ● F020B48H018 |
| ● F020B28H012 | ● F020B38H012 | ● F020B48H012 |

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F020C28H001 | ○ F020C38H001 | ○ F020C48H001 |
| ● F020C28H006 | ● F020C38H006 | ● F020C48H006 |
| ● F020C28H033 | ● F020C38H033 | ● F020C48H033 |
| ● F020C28H030 | ● F020C38H030 | ● F020C48H030 |
| ● F020C28H018 | ● F020C38H018 | ● F020C48H018 |
| ● F020C28H012 | ● F020C38H012 | ● F020C48H012 |



<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

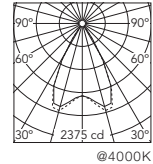
- F020A2DH001
- F020A2DH006
- F020A2DH033
- F020A2DH030
- F020A2DH018
- F020A2DH012

**3000K**

- F020A3DH001
- F020A3DH006
- F020A3DH033
- F020A3DH030
- F020A3DH018
- F020A3DH012

**4000K**

- F020A4DH001
- F020A4DH006
- F020A4DH033
- F020A4DH030
- F020A4DH018
- F020A4DH012



Beam Angle: 59°		
h(m)	E(ft)	D(m)
1	2375	1.14
2	594	2.28
3	264	3.41
4	148	4.55
5	95	5.69

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2DH001
- F020B2DH006
- F020B2DH033
- F020B2DH030
- F020B2DH018
- F020B2DH012

**3000K**

- F020B3DH001
- F020B3DH006
- F020B3DH033
- F020B3DH030
- F020B3DH018
- F020B3DH012

**4000K**

- F020B4DH001
- F020B4DH006
- F020B4DH033
- F020B4DH030
- F020B4DH018
- F020B4DH012

**3Continuous Line I/O H2O Stop Fast Connect -Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2DH001
- F020C2DH006
- F020C2DH033
- F020C2DH030
- F020C2DH018
- F020C2DH012

**3000K**

- F020C3DH001
- F020C3DH006
- F020C3DH033
- F020C3DH030
- F020C3DH018
- F020C3DH012

**4000K**

- F020C4DH001
- F020C4DH006
- F020C4DH033
- F020C4DH030
- F020C4DH018
- F020C4DH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

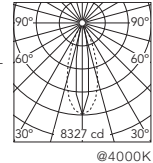
- F020A2HH001
- F020A2HH006
- F020A2HH033
- F020A2HH030
- F020A2HH018
- F020A2HH012

**3000K**

- F020A3HH001
- F020A3HH006
- F020A3HH033
- F020A3HH030
- F020A3HH018
- F020A3HH012

**4000K**

- F020A4HH001
- F020A4HH006
- F020A4HH033
- F020A4HH030
- F020A4HH018
- F020A4HH012



Beam Angle: 38°		
h(m)	E(ft)	D(m)
1	8327	0.30
2	2082	0.60
3	925	0.90
4	520	1.20
5	333	1.50

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2HH001
- F020B2HH006
- F020B2HH033
- F020B2HH030
- F020B2HH018
- F020B2HH012

**3000K**

- F020B3HH001
- F020B3HH006
- F020B3HH033
- F020B3HH030
- F020B3HH018
- F020B3HH012

**4000K**

- F020B4HH001
- F020B4HH006
- F020B4HH033
- F020B4HH030
- F020B4HH018
- F020B4HH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2HH001
- F020C2HH006
- F020C2HH033
- F020C2HH030
- F020C2HH018
- F020C2HH012

**3000K**

- F020C3HH001
- F020C3HH006
- F020C3HH033
- F020C3HH030
- F020C3HH018
- F020C3HH012

**4000K**

- F020C4HH001
- F020C4HH006
- F020C4HH033
- F020C4HH030
- F020C4HH018
- F020C4HH012

**1Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134**

**2700K**

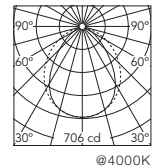
- F020A2MH001
- F020A2MH006
- F020A2MH033
- F020A2MH030
- F020A2MH018
- F020A2MH012

**3000K**

- F020A3MH001
- F020A3MH006
- F020A3MH033
- F020A3MH030
- F020A3MH018
- F020A3MH012

**4000K**

- F020A4MH001
- F020A4MH006
- F020A4MH033
- F020A4MH030
- F020A4MH018
- F020A4MH012



Beam Angle: 90°		
h(m)	E(ft)	D(m)
1	706	1.67
2	177	3.34
3	78	5.00
4	44	6.67
5	28	8.34

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134**

**2700K**

- F020B2MH001
- F020B2MH006
- F020B2MH033
- F020B2MH030
- F020B2MH018
- F020B2MH012

**3000K**

- F020B3MH001
- F020B3MH006
- F020B3MH033
- F020B3MH030
- F020B3MH018
- F020B3MH012

**4000K**

- F020B4MH001
- F020B4MH006
- F020B4MH033
- F020B4MH030
- F020B4MH018
- F020B4MH012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134**

**2700K**

- F020C2MH001
- F020C2MH006
- F020C2MH033
- F020C2MH030
- F020C2MH018
- F020C2MH012

**3000K**

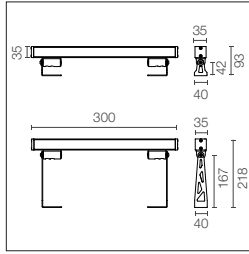
- F020C3MH001
- F020C3MH006
- F020C3MH033
- F020C3MH030
- F020C3MH018
- F020C3MH012

**4000K**

- F020C4MH001
- F020C4MH006
- F020C4MH033
- F020C4MH030
- F020C4MH018
- F020C4MH012

## Outgraze 35 Easy L 300 mm

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



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.  
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaire.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

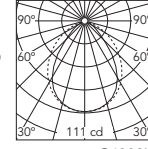
- F020G2JH001
- F020G2JH006
- F020G2JH033
- F020G2JH030
- F020G2JH018
- F020G2JH012

### 3000K

- F020G3JH001
- F020G3JH006
- F020G3JH033
- F020G3JH030
- F020G3JH018
- F020G3JH012

### 4000K

- F020G4JH001
- F020G4JH006
- F020G4JH033
- F020G4JH030
- F020G4JH018
- F020G4JH012



Beam Angle: 90°

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020H2JH001
- F020H2JH006
- F020H2JH033
- F020H2JH030
- F020H2JH018
- F020H2JH012

### 3000K

- F020H3JH001
- F020H3JH006
- F020H3JH033
- F020H3JH030
- F020H3JH018
- F020H3JH012

### 4000K

- F020H4JH001
- F020H4JH006
- F020H4JH033
- F020H4JH030
- F020H4JH018
- F020H4JH012

## Outgraze 35 Easy L 300 mm - 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.135 / Wiring diagram n.4 page 135

### 2700K÷5700K

- F020GTJH001
- F020GTJH006
- F020GTJH033
- F020GTJH030
- F020GTJH018
- F020GTJH012



<sup>2</sup>Tunable White Quick Install I H2O Stop Fast Connect - Schaltplan Nr.5 S.135 / Wiring diagram n.5 page 135

### 2700K÷5700K

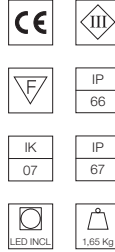
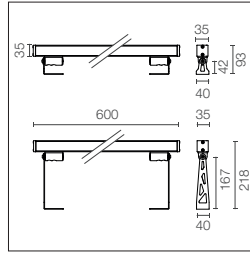
- F020HTJH001
- F020HTJH006
- F020HTJH033
- F020HTJH030
- F020HTJH018
- F020HTJH012

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 600 mm

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



Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.

Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

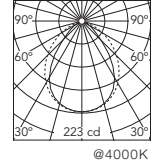
- F020G2KH001
- F020G2KH006
- F020G2KH033
- F020G2KH030
- F020G2KH018
- F020G2KH012

### 3000K

- F020G3KH001
- F020G3KH006
- F020G3KH033
- F020G3KH030
- F020G3KH018
- F020G3KH012

### 4000K

- F020G4KH001
- F020G4KH006
- F020G4KH033
- F020G4KH030
- F020G4KH018
- F020G4KH012



Beam Angle: 90°

h(m)	E(fc)	D(m)
1	223	1.62
2	56	3.23
3	25	4.85
4	14	6.46
5	9	8.08

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020H2KH001
- F020H2KH006
- F020H2KH033
- F020H2KH030
- F020H2KH018
- F020H2KH012

### 3000K

- F020H3KH001
- F020H3KH006
- F020H3KH033
- F020H3KH030
- F020H3KH018
- F020H3KH012

### 4000K

- F020H4KH001
- F020H4KH006
- F020H4KH033
- F020H4KH030
- F020H4KH018
- F020H4KH012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

### 2700K

- F020J2KH001
- F020J2KH006
- F020J2KH033
- F020J2KH030
- F020J2KH018
- F020J2KH012

### 3000K

- F020J3KH001
- F020J3KH006
- F020J3KH033
- F020J3KH030
- F020J3KH018
- F020J3KH012

### 4000K

- F020J4KH001
- F020J4KH006
- F020J4KH033
- F020J4KH030
- F020J4KH018
- F020J4KH012

## Outgraze 35 Easy L 600 mm - 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.135 / Wiring diagram n.4 page 135

### 2700K÷5700K

- F020GTKH001
- F020GTKH006
- F020GTKH033
- F020GTKH030
- F020GTKH018
- F020GTKH012



<sup>2</sup>Tunable White Quick Install I H2O Stop Fast Connect - Schaltplan Nr.5 S.135 / Wiring diagram n.5 page 135

### 2700K÷5700K

- F020HTKH001
- F020HTKH006
- F020HTKH033
- F020HTKH030
- F020HTKH018
- F020HTKH012

<sup>3</sup>Tunable White Continous Line I/O H2O Stop Fast Connect - Schaltplan Nr.6 S.135 / Wiring diagram n.6 page 135

### 2700K÷5700K

- F020JTKH001
- F020JTKH006
- F020JTKH033
- F020JTKH030
- F020JTKH018
- F020JTKH012

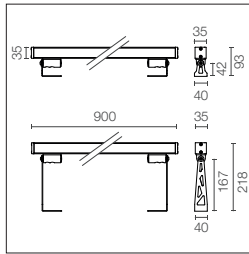
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienvorbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 900 mm

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



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.  
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

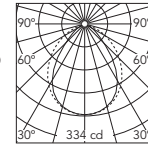
- F020G2LH001
- F020G2LH006
- F020G2LH033
- F020G2LH030
- F020G2LH018
- F020G2LH012

### 3000K

- F020G3LH001
- F020G3LH006
- F020G3LH033
- F020G3LH030
- F020G3LH018
- F020G3LH012

### 4000K

- F020G4LH001
- F020G4LH006
- F020G4LH033
- F020G4LH030
- F020G4LH018
- F020G4LH012



Beam Angle: 90°

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020H2LH001
- F020H2LH006
- F020H2LH033
- F020H2LH030
- F020H2LH018
- F020H2LH012

### 3000K

- F020H3LH001
- F020H3LH006
- F020H3LH033
- F020H3LH030
- F020H3LH018
- F020H3LH012

### 4000K

- F020H4LH001
- F020H4LH006
- F020H4LH033
- F020H4LH030
- F020H4LH018
- F020H4LH012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

### 2700K

- F020J2LH001
- F020J2LH006
- F020J2LH033
- F020J2LH030
- F020J2LH018
- F020J2LH012

### 3000K

- F020J3LH001
- F020J3LH006
- F020J3LH033
- F020J3LH030
- F020J3LH018
- F020J3LH012

### 4000K

- F020J4LH001
- F020J4LH006
- F020J4LH033
- F020J4LH030
- F020J4LH018
- F020J4LH012

## Outgraze 35 Easy L 900 mm - 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.135 / Wiring diagram n.4 page 135

### 2700K÷5700K

- F020GTLH001
- F020GTLH006
- F020GTLH033
- F020GTLH030
- F020GTLH018
- F020GTLH012



<sup>2</sup>Tunable White Quick Install I H2O Stop Fast Connect - Schaltplan Nr.5 S.135 / Wiring diagram n.5 page 135

### 2700K÷5700K

- F020HTLH001
- F020HTLH006
- F020HTLH033
- F020HTLH030
- F020HTLH018
- F020HTLH012

<sup>3</sup>Tunable White Continous Line I/O H2O Stop Fast Connect - Schaltplan Nr.6 S.135 / Wiring diagram n.6 page 135

### 2700K÷5700K

- F020JTLH001
- F020JTLH006
- F020JTLH033
- F020JTLH030
- F020JTLH018
- F020JTLH012

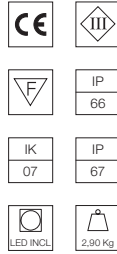
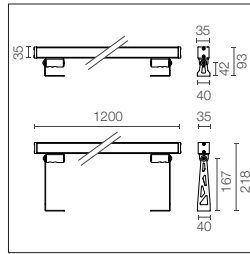
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 1200 mm

**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



Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.  
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.1 S.134 / Wiring diagram n.1 page 134

### 2700K

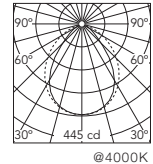
- F020G2MH001
- F020G2MH006
- F020G2MH033
- F020G2MH030
- F020G2MH018
- F020G2MH012

### 3000K

- F020G3MH001
- F020G3MH006
- F020G3MH033
- F020G3MH030
- F020G3MH018
- F020G3MH012

### 4000K

- F020G4MH001
- F020G4MH006
- F020G4MH033
- F020G4MH030
- F020G4MH018
- F020G4MH012



Beam Angle:	90°	
h(m)	E(ft)	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 H2O Stop Fast Connect - Schaltplan Nr.2 S.134 / Wiring diagram n.2 page 134

### 2700K

- F020H2MH001
- F020H2MH006
- F020H2MH033
- F020H2MH030
- F020H2MH018
- F020H2MH012

### 3000K

- F020H3MH001
- F020H3MH006
- F020H3MH033
- F020H3MH030
- F020H3MH018
- F020H3MH012

### 4000K

- F020H4MH001
- F020H4MH006
- F020H4MH033
- F020H4MH030
- F020H4MH018
- F020H4MH012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.3 S.134 / Wiring diagram n.3 page 134

### 2700K

- F020J2MH001
- F020J2MH006
- F020J2MH033
- F020J2MH030
- F020J2MH018
- F020J2MH012

### 3000K

- F020J3MH001
- F020J3MH006
- F020J3MH033
- F020J3MH030
- F020J3MH018
- F020J3MH012

### 4000K

- F020J4MH001
- F020J4MH006
- F020J4MH033
- F020J4MH030
- F020J4MH018
- F020J4MH012

## Outgraze 35 Easy L 1200 mm - 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.135 / Wiring diagram n.4 page 135

### 2700K÷5700K

- F020GTMH001
- F020GTMH006
- F020GTMH033
- F020GTMH030
- F020GTMH018
- F020GTMH012



<sup>2</sup>Tunable White Quick Install I H2O Stop Fast Connect - Schaltplan Nr.5 S.135 / Wiring diagram n.5 page 135

### 2700K÷5700K

- F020HTMH001
- F020HTMH006
- F020HTMH033
- F020HTMH030
- F020HTMH018
- F020HTMH012

<sup>3</sup>Tunable White Continous Line I/O H2O Stop Fast Connect - Schaltplan Nr.6 S.135 / Wiring diagram n.6 page 135

### 2700K÷5700K

- F020JTMH001
- F020JTMH006
- F020JTMH033
- F020JTMH030
- F020JTMH018
- F020JTMH012




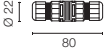

<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienvorbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O 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.	<ul style="list-style-type: none"> <li>○ F1203001</li> <li>● F1203006</li> <li>● F1203033</li> <li>● F1203030</li> <li>● F1203018</li> <li>● F1203012</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>● F1204033</li> <li>● F1204030</li> <li>● F1204018</li> <li>● F1204012</li> </ul>	
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	

## Outgraze 35

### Zubehör für die Versionen Quick Install I H2O Stop und Continuous Line I/O H2O Stop / Accessories for Quick Install I H2O Stop and Continuous Line I/O H2O 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)**

DALI-PWM- Steuerungsschnittstelle, 48Vdc, 120W, IP20. Netzgerät nicht inbegriffen.	DALI PWM control interface 48Vdc 120W IP20. Power supply not included.	F990B08A000
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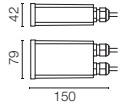
1-10V-PWM- Steuerungsschnittstelle, 48Vdc, 120W, IP20. Netzgerät nicht inbegriffen.	1-10V PWM control interface 48Vdc 120W IP20. Power supply not included.	F990B15A000
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## Outgraze 35

**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
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Netzgerät 48V 240W / 110- 240V Einfacher Ausgang DIN RAIL.	Power supply 48V 240W / 110-240V single output DIN RAIL.	RF25746
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## 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.RF25755, cod.RF25749 or cod.RF25756)**

DALI-PWM- Steuerungsschnittstelle, 24Vdc, 120W, IP20. Netzgerät nicht inbegriffen.	DALI PWM control interface 24Vdc 120W IP20. Power supply not included.	F990B07A000
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1-10V-PWM- Steuerungsschnittstelle, 24Vdc, 120W, IP20. Netzgerät nicht inbegriffen.	1-10V PWM control interface 24Vdc 120W IP20. Power supply not included.	F990B14A000
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## 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.RF25755, cod.RF25749 or cod.RF25756)**

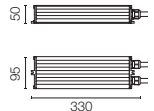
DALI-PWM- Steuerungsschnittstelle, 24Vdc, 90W, IP20. Netzgerät nicht inbegriffen.	DALI PWM control interface 24Vdc 90W IP20. Power supply not included.	F990B09A000
--	---	-------------



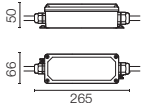
## Outgraze 35

**Netzgerät für die 24 V-Version / Power supply for 24V version**

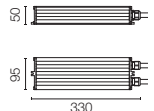
Netzgerät für den Ferneinbau 24V DC 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv.	RF25755
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Netzgerät für den Ferneinbau 24V DC 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv.	RF25749
---	--	---------



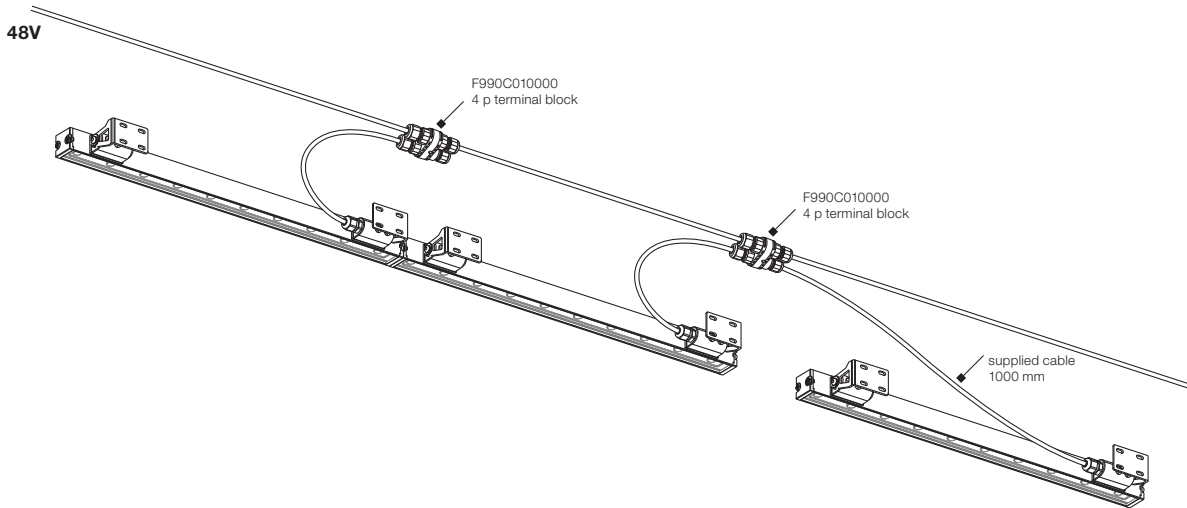
Netzgerät für den Ferneinbau 24V DC 100W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 100W / 120-240V IP67 Class II selv.	RF25756
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**Outgraze 35**  
**48V versions**

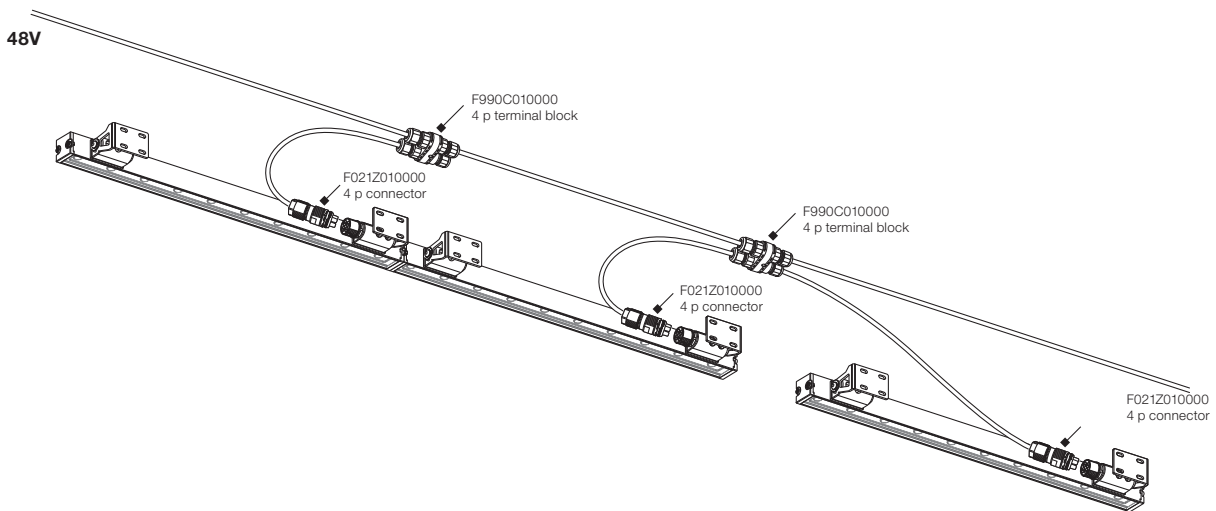
**Schaltplan Nr.1 / Wiring diagram n.1**

**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)



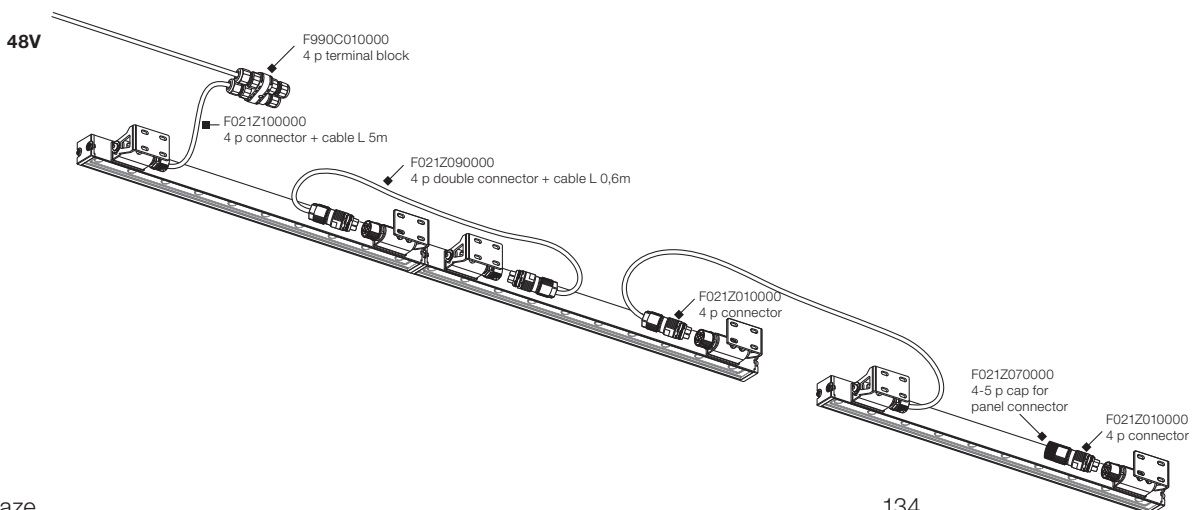
**Schaltplan Nr.2 / Wiring diagram n.2**

**Quick Install | H2O Stop Fast Connect Version:** Vorinstallierter H2O 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**

**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

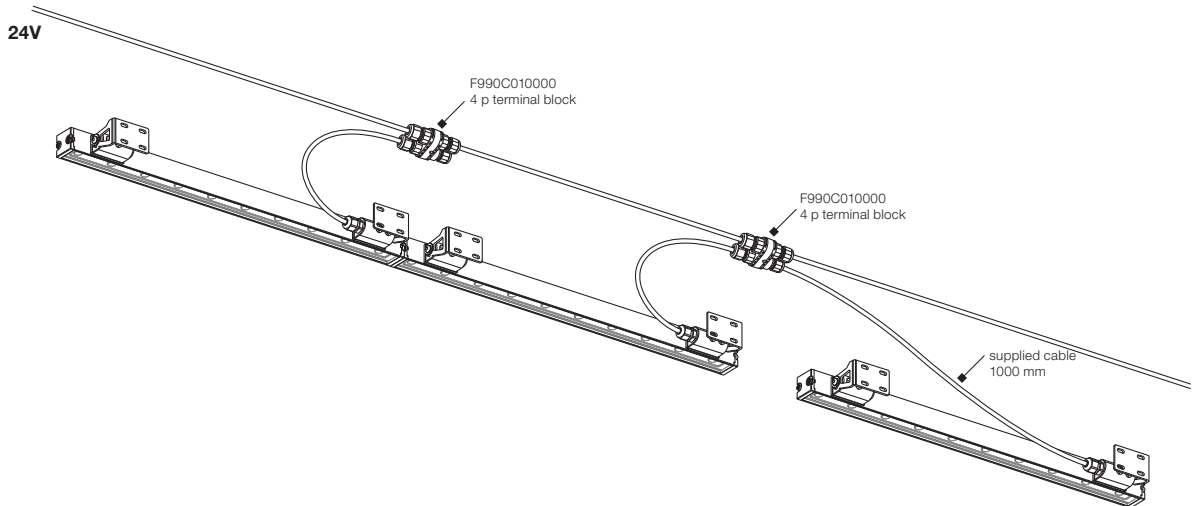


## Outgraze 35

### 24V (Easy) and Tunable White versions

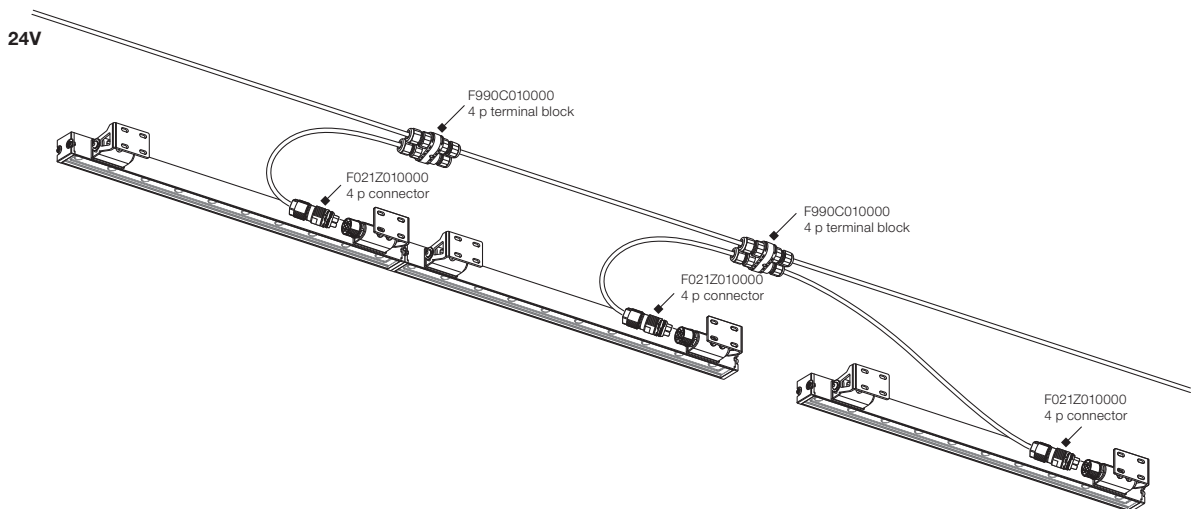
#### Schaltplan Nr.4 / Wiring diagram n.4

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered)



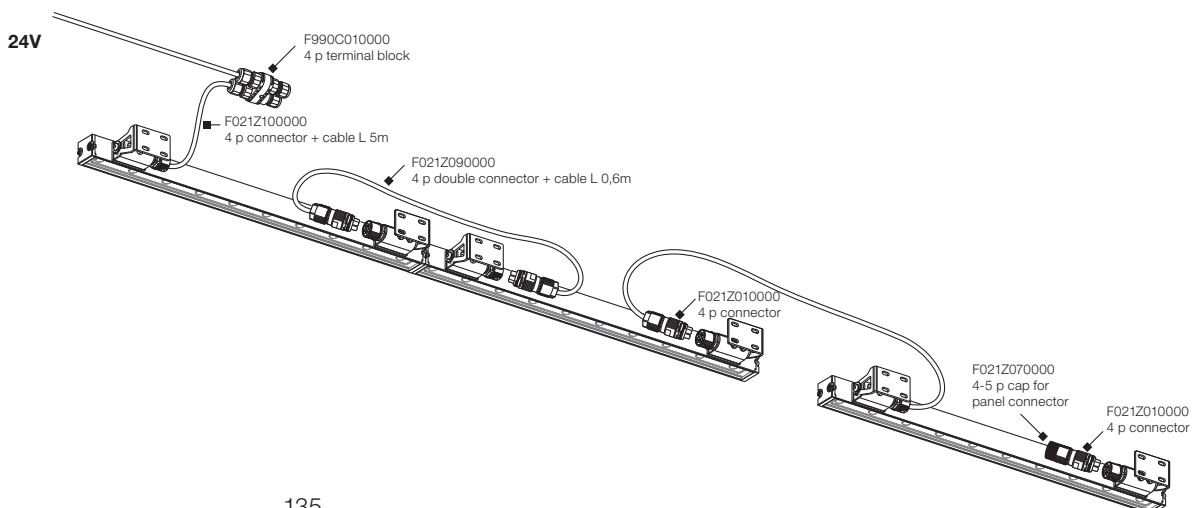
#### Schaltplan Nr.5 / Wiring diagram n.5

**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O 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 H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

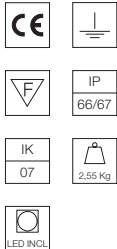
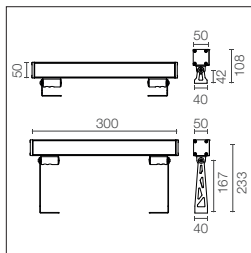


# Outgraze 50 L 300 mm - Non Dimmable

**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



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).

## 1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

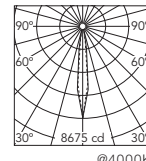
- F021A21A001
- F021A21A006
- F021A21A033
- F021A21A030
- F021A21A018
- F021A21A012

### 3000K

- F021A31A001
- F021A31A006
- F021A31A033
- F021A31A030
- F021A31A018
- F021A31A012

### 4000K

- F021A41A001
- F021A41A006
- F021A41A033
- F021A41A030
- F021A41A018
- F021A41A012



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	8675	0.25
2	2169	0.49
3	964	0.74
4	542	0.98
5	347	1.23

8675 cd @4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B21A001
- F021B21A006
- F021B21A033
- F021B21A030
- F021B21A018
- F021B21A012

### 3000K

- F021B31A001
- F021B31A006
- F021B31A033
- F021B31A030
- F021B31A018
- F021B31A012

### 4000K

- F021B41A001
- F021B41A006
- F021B41A033
- F021B41A030
- F021B41A018
- F021B41A012

## 1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

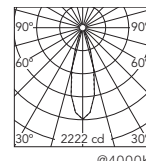
- F021A25A001
- F021A25A006
- F021A25A033
- F021A25A030
- F021A25A018
- F021A25A012

### 3000K

- F021A35A001
- F021A35A006
- F021A35A033
- F021A35A030
- F021A35A018
- F021A35A012

### 4000K

- F021A45A001
- F021A45A006
- F021A45A033
- F021A45A030
- F021A45A018
- F021A45A012



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	2222	0.52
2	555	1.04
3	247	1.56
4	139	2.08
5	89	2.60

2222 cd @4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B25A001
- F021B25A006
- F021B25A033
- F021B25A030
- F021B25A018
- F021B25A012

### 3000K

- F021B35A001
- F021B35A006
- F021B35A033
- F021B35A030
- F021B35A018
- F021B35A012

### 4000K

- F021B45A001
- F021B45A006
- F021B45A033
- F021B45A030
- F021B45A018
- F021B45A012

## 1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

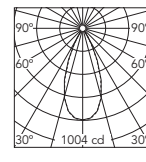
- F021A2AA001
- F021A2AA006
- F021A2AA033
- F021A2AA030
- F021A2AA018
- F021A2AA012

### 3000K

- F021A3AA001
- F021A3AA006
- F021A3AA033
- F021A3AA030
- F021A3AA018
- F021A3AA012

### 4000K

- F021A4AA001
- F021A4AA006
- F021A4AA033
- F021A4AA030
- F021A4AA018
- F021A4AA012



Beam Angle: 44°

h(m)	E(lx)	D(m)
1	1004	0.81
2	251	1.63
3	112	2.44
4	63	3.26
5	40	4.07

1004 cd @4000K

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B2AA001
- F021B2AA006
- F021B2AA033
- F021B2AA030
- F021B2AA018
- F021B2AA012

### 3000K

- F021B3AA001
- F021B3AA006
- F021B3AA033
- F021B3AA030
- F021B3AA018
- F021B3AA012

### 4000K

- F021B4AA001
- F021B4AA006
- F021B4AA033
- F021B4AA030
- F021B4AA018
- F021B4AA012

\*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).

\*Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

**2700K**

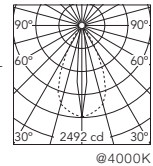
- F021A2EA001
- F021A2EA006
- F021A2EA033
- F021A2EA030
- F021A2EA018
- F021A2EA012

**3000K**

- F021A3EA001
- F021A3EA006
- F021A3EA033
- F021A3EA030
- F021A3EA018
- F021A3EA012

**4000K**

- F021A4EA001
- F021A4EA006
- F021A4EA033
- F021A4EA030
- F021A4EA018
- F021A4EA012



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	2492	0.22
2	623	0.44
3	277	0.66
4	156	0.88
5	100	1.10

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

**2700K**

- F021B2EA001
- F021B2EA006
- F021B2EA033
- F021B2EA030
- F021B2EA018
- F021B2EA012

**3000K**

- F021B3EA001
- F021B3EA006
- F021B3EA033
- F021B3EA030
- F021B3EA018
- F021B3EA012

**4000K**

- F021B4EA001
- F021B4EA006
- F021B4EA033
- F021B4EA030
- F021B4EA018
- F021B4EA012

**1Standard** - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

**2700K**

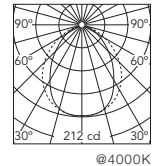
- F021A2JA001
- F021A2JA006
- F021A2JA033
- F021A2JA030
- F021A2JA018
- F021A2JA012

**3000K**

- F021A3JA001
- F021A3JA006
- F021A3JA033
- F021A3JA030
- F021A3JA018
- F021A3JA012

**4000K**

- F021A4JA001
- F021A4JA006
- F021A4JA033
- F021A4JA030
- F021A4JA018
- F021A4JA012



Beam Angle: 90°

h(m)	E(lx)	D(m)
1	212	1.74
2	53	3.49
3	24	5.23
4	13	6.98
5	8	8.72

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

**2700K**

- F021B2JA001
- F021B2JA006
- F021B2JA033
- F021B2JA030
- F021B2JA018
- F021B2JA012

**3000K**

- F021B3JA001
- F021B3JA006
- F021B3JA033
- F021B3JA030
- F021B3JA018
- F021B3JA012

**4000K**

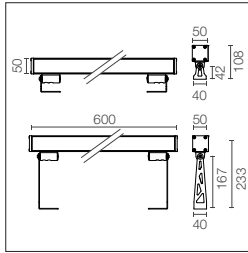
- F021B4JA001
- F021B4JA006
- F021B4JA033
- F021B4JA030
- F021B4JA018
- F021B4JA012

# Outgraze 50 L 600 mm - Non Dimmable

**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



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 - 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 10,5W - flux -30% lm).

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

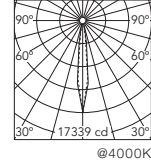
- F021A22A001
- F021A22A006
- F021A22A033
- F021A22A030
- F021A22A018
- F021A22A012

### 3000K

- F021A32A001
- F021A32A006
- F021A32A033
- F021A32A030
- F021A32A018
- F021A32A012

### 4000K

- F021A42A001
- F021A42A006
- F021A42A033
- F021A42A030
- F021A42A018
- F021A42A012



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	17339	0.25
2	4335	0.49
3	1927	0.74
4	1084	0.98
5	694	1.23

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B22A001
- F021B22A006
- F021B22A033
- F021B22A030
- F021B22A018
- F021B22A012

### 3000K

- F021B32A001
- F021B32A006
- F021B32A033
- F021B32A030
- F021B32A018
- F021B32A012

### 4000K

- F021B42A001
- F021B42A006
- F021B42A033
- F021B42A030
- F021B42A018
- F021B42A012

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C22A001
- F021C22A006
- F021C22A033
- F021C22A030
- F021C22A018
- F021C22A012

### 3000K

- F021C32A001
- F021C32A006
- F021C32A033
- F021C32A030
- F021C32A018
- F021C32A012

### 4000K

- F021C42A001
- F021C42A006
- F021C42A033
- F021C42A030
- F021C42A018
- F021C42A012

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

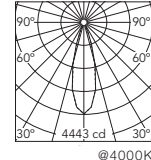
- F021A26A001
- F021A26A006
- F021A26A033
- F021A26A030
- F021A26A018
- F021A26A012

### 3000K

- F021A36A001
- F021A36A006
- F021A36A033
- F021A36A030
- F021A36A018
- F021A36A012

### 4000K

- F021A46A001
- F021A46A006
- F021A46A033
- F021A46A030
- F021A46A018
- F021A46A012



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	4443	0.52
2	1111	1.04
3	494	1.56
4	278	2.08
5	178	2.60

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B26A001
- F021B26A006
- F021B26A033
- F021B26A030
- F021B26A018
- F021B26A012

### 3000K

- F021B36A001
- F021B36A006
- F021B36A033
- F021B36A030
- F021B36A018
- F021B36A012

### 4000K

- F021B46A001
- F021B46A006
- F021B46A033
- F021B46A030
- F021B46A018
- F021B46A012

## <sup>3</sup>Continuous Line In/Out H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C26A001
- F021C26A006
- F021C26A033
- F021C26A030
- F021C26A018
- F021C26A012

### 3000K

- F021C36A001
- F021C36A006
- F021C36A033
- F021C36A030
- F021C36A018
- F021C36A012

### 4000K

- F021C46A001
- F021C46A006
- F021C46A033
- F021C46A030
- F021C46A018
- F021C46A012

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

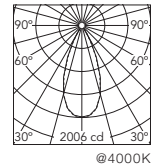
- F021A2BA001
- F021A2BA006
- F021A2BA033
- F021A2BA030
- F021A2BA018
- F021C46A012

**3000K**

- F021A3BA001
- F021A3BA006
- F021A3BA033
- F021A3BA030
- F021A3BA018
- F021A3BA012

**4000K**

- F021A4BA001
- F021A4BA006
- F021A4BA033
- F021A4BA030
- F021A4BA018
- F021A4BA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2BA001
- F021B2BA006
- F021B2BA033
- F021B2BA030
- F021B2BA018
- F021B2BA012

**3000K**

- F021B3BA001
- F021B3BA006
- F021B3BA033
- F021B3BA030
- F021B3BA018
- F021B3BA012

**4000K**

- F021B4BA001
- F021B4BA006
- F021B4BA033
- F021B4BA030
- F021B4BA018
- F021B4BA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2BA001
- F021C2BA006
- F021C2BA033
- F021C2BA030
- F021C2BA018
- F021C2BA012

**3000K**

- F021C3BA001
- F021C3BA006
- F021C3BA033
- F021C3BA030
- F021C3BA018
- F021C3BA012

**4000K**

- F021C4BA001
- F021C4BA006
- F021C4BA033
- F021C4BA030
- F021C4BA018
- F021C4BA012

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

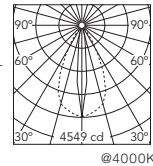
- F021A2FA001
- F021A2FA006
- F021A2FA033
- F021A2FA030
- F021A2FA018
- F021A2FA012

**3000K**

- F021A3FA001
- F021A3FA006
- F021A3FA033
- F021A3FA030
- F021A3FA018
- F021A3FA012

**4000K**

- F021A4FA001
- F021A4FA006
- F021A4FA033
- F021A4FA030
- F021A4FA018
- F021A4FA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2FA001
- F021B2FA006
- F021B2FA033
- F021B2FA030
- F021B2FA018
- F021B2FA012

**3000K**

- F021B3FA001
- F021B3FA006
- F021B3FA033
- F021B3FA030
- F021B3FA018
- F021B3FA012

**4000K**

- F021B4FA001
- F021B4FA006
- F021B4FA033
- F021B4FA030
- F021B4FA018
- F021B4FA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2FA001
- F021C2FA006
- F021C2FA033
- F021C2FA030
- F021C2FA018
- F021C2FA012

**3000K**

- F021C3FA001
- F021C3FA006
- F021C3FA033
- F021C3FA030
- F021C3FA018
- F021C3FA012

**4000K**

- F021C4FA001
- F021C4FA006
- F021C4FA033
- F021C4FA030
- F021C4FA018
- F021C4FA012

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

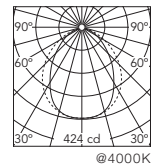
- F021A2KA001
- F021A2KA006
- F021A2KA033
- F021A2KA030
- F021A2KA018
- F021A2KA012

**3000K**

- F021A3KA001
- F021A3KA006
- F021A3KA033
- F021A3KA030
- F021A3KA018
- F021A3KA012

**4000K**

- F021A4KA001
- F021A4KA006
- F021A4KA033
- F021A4KA030
- F021A4KA018
- F021A4KA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2KA001
- F021B2KA006
- F021B2KA033
- F021B2KA030
- F021B2KA018
- F021B2KA012

**3000K**

- F021B3KA001
- F021B3KA006
- F021B3KA033
- F021B3KA030
- F021B3KA018
- F021B3KA012

**4000K**

- F021B4KA001
- F021B4KA006
- F021B4KA033
- F021B4KA030
- F021B4KA018
- F021B4KA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2KA001
- F021C2KA006
- F021C2KA033
- F021C2KA030
- F021C2KA018
- F021C2KA012

**3000K**

- F021C3KA001
- F021C3KA006
- F021C3KA033
- F021C3KA030
- F021C3KA018
- F021C3KA012

**4000K**

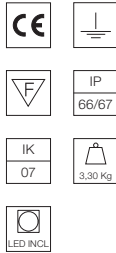
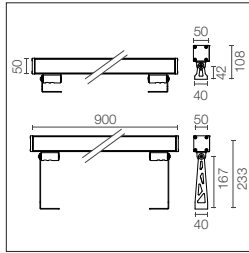
- F021C4KA001
- F021C4KA006
- F021C4KA033
- F021C4KA030
- F021C4KA018
- F021C4KA012

# Outgraze 50 L 900 mm - Non Dimmable

**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



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 - 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 15,5W - flux -30% lm).

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

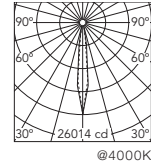
- F021A23A001
- F021A23A006
- F021A23A033
- F021A23A030
- F021A23A018
- F021A23A012

### 3000K

- F021A33A001
- F021A33A006
- F021A33A033
- F021A33A030
- F021A33A018
- F021A33A012

### 4000K

- F021A43A001
- F021A43A006
- F021A43A033
- F021A43A030
- F021A43A018
- F021A43A012



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	26014	0.25
2	6504	0.49
3	2890	0.74
4	1626	0.98
5	1041	1.23

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B23A001
- F021B23A006
- F021B23A033
- F021B23A030
- F021B23A018
- F021B23A012

### 3000K

- F021B33A001
- F021B33A006
- F021B33A033
- F021B33A030
- F021B33A018
- F021B33A012

### 4000K

- F021B43A001
- F021B43A006
- F021B43A033
- F021B43A030
- F021B43A018
- F021B43A012

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C23A001
- F021C23A006
- F021C23A033
- F021C23A030
- F021C23A018
- F021C23A012

### 3000K

- F021C33A001
- F021C33A006
- F021C33A033
- F021C33A030
- F021C33A018
- F021C33A012

### 4000K

- F021C43A001
- F021C43A006
- F021C43A033
- F021C43A030
- F021C43A018
- F021C43A012

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

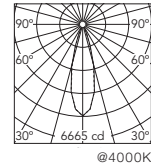
- F021A27A001
- F021A27A006
- F021A27A033
- F021A27A030
- F021A27A018
- F021A27A012

### 3000K

- F021A37A001
- F021A37A006
- F021A37A033
- F021A37A030
- F021A37A018
- F021A37A012

### 4000K

- F021A47A001
- F021A47A006
- F021A47A033
- F021A47A030
- F021A47A018
- F021A47A012



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	6665	0.52
2	1666	1.04
3	741	1.56
4	417	2.08
5	267	2.60

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B27A001
- F021B27A006
- F021B27A033
- F021B27A030
- F021B27A018
- F021B27A012

### 3000K

- F021B37A001
- F021B37A006
- F021B37A033
- F021B37A030
- F021B37A018
- F021B37A012

### 4000K

- F021B47A001
- F021B47A006
- F021B47A033
- F021B47A030
- F021B47A018
- F021B47A012

## <sup>3</sup>Continuous Line In/Out H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C27A001
- F021C27A006
- F021C27A033
- F021C27A030
- F021C27A018
- F021C27A012

### 3000K

- F021C37A001
- F021C37A006
- F021C37A033
- F021C37A030
- F021C37A018
- F021C37A012

### 4000K

- F021C47A001
- F021C47A006
- F021C47A033
- F021C47A030
- F021C47A018
- F021C47A012

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnelle Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard** - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

**2700K**

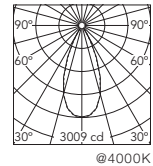
- F021A2CA001
- F021A2CA006
- F021A2CA033
- F021A2CA030
- F021A2CA018
- F021A2CA012

**3000K**

- F021A3CA001
- F021A3CA006
- F021A3CA033
- F021A3CA030
- F021A3CA018
- F021A3CA012

**4000K**

- F021A4CA001
- F021A4CA006
- F021A4CA033
- F021A4CA030
- F021A4CA018
- F021A4CA012



Beam Angle: 44°

	h(m)	E(ft)	D(m)
1	3009	0.81	
2	752	1.63	
3	334	2.44	
4	188	3.26	
5	120	4.07	

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

**2700K**

- F021B2CA001
- F021B2CA006
- F021B2CA033
- F021B2CA030
- F021B2CA018
- F021B2CA012

**3000K**

- F021B3CA001
- F021B3CA006
- F021B3CA033
- F021B3CA030
- F021B3CA018
- F021B3CA012

**4000K**

- F021B4CA001
- F021B4CA006
- F021B4CA033
- F021B4CA030
- F021B4CA018
- F021B4CA012

**3Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

**2700K**

- F021C2CA001
- F021C2CA006
- F021C2CA033
- F021C2CA030
- F021C2CA018
- F021C2CA012

**3000K**

- F021C3CA001
- F021C3CA006
- F021C3CA033
- F021C3CA030
- F021C3CA018
- F021C3CA012

**4000K**

- F021C4CA001
- F021C4CA006
- F021C4CA033
- F021C4CA030
- F021C4CA018
- F021C4CA012

**1Standard** - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

**2700K**

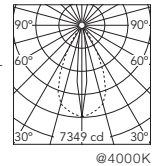
- F021A2GA001
- F021A2GA006
- F021A2GA033
- F021A2GA030
- F021A2GA018
- F021A2GA012

**3000K**

- F021A3GA001
- F021A3GA006
- F021A3GA033
- F021A3GA030
- F021A3GA018
- F021A3GA012

**4000K**

- F021A4GA001
- F021A4GA006
- F021A4GA033
- F021A4GA030
- F021A4GA018
- F021A4GA012



Beam Angle: 53°

	h(m)	E(ft)	D(m)
1	7349	0.22	
2	1837	0.44	
3	817	0.66	
4	459	0.88	
5	294	1.10	

**2Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

**2700K**

- F021B2GA001
- F021B2GA006
- F021B2GA033
- F021B2GA030
- F021B2GA018
- F021B2GA012

**3000K**

- F021B3GA001
- F021B3GA006
- F021B3GA033
- F021B3GA030
- F021B3GA018
- F021B3GA012

**4000K**

- F021B4GA001
- F021B4GA006
- F021B4GA033
- F021B4GA030
- F021B4GA018
- F021B4GA012

**3Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

**2700K**

- F021C2GA001
- F021C2GA006
- F021C2GA033
- F021C2GA030
- F021C2GA018
- F021C2GA012

**3000K**

- F021C3GA001
- F021C3GA006
- F021C3GA033
- F021C3GA030
- F021C3GA018
- F021C3GA012

**4000K**

- F021C4GA001
- F021C4GA006
- F021C4GA033
- F021C4GA030
- F021C4GA018
- F021C4GA012

**1Standard** - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

**2700K**

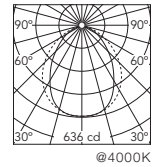
- F021A2LA001
- F021A2LA006
- F021A2LA033
- F021A2LA030
- F021A2LA018
- F021A2LA012

**3000K**

- F021A3LA001
- F021A3LA006
- F021A3LA033
- F021A3LA030
- F021A3LA018
- F021A3LA012

**4000K**

- F021A4LA001
- F021A4LA006
- F021A4LA033
- F021A4LA030
- F021A4LA018
- F021A4LA012



Beam Angle: 90°

	h(m)	E(ft)	D(m)
1	636	1.74	
2	159	3.49	
3	71	5.23	
4	40	6.98	
5	25	8.72	

**2Quick Install I H2O Stop -Fast Connect** - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

**2700K**

- F021B2LA001
- F021B2LA006
- F021B2LA033
- F021B2LA030
- F021B2LA018
- F021B2LA012

**3000K**

- F021B3LA001
- F021B3LA006
- F021B3LA033
- F021B3LA030
- F021B3LA018
- F021B3LA012

**4000K**

- F021B4LA001
- F021B4LA006
- F021B4LA033
- F021B4LA030
- F021B4LA018
- F021B4LA012

**3Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

**2700K**

- F021C2LA001
- F021C2LA006
- F021C2LA033
- F021C2LA030
- F021C2LA018
- F021C2LA012

**3000K**

- F021C3LA001
- F021C3LA006
- F021C3LA033
- F021C3LA030
- F021C3LA018
- F021C3LA012

**4000K**

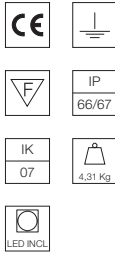
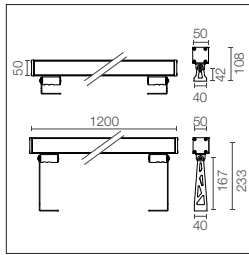
- F021C4LA001
- F021C4LA006
- F021C4LA033
- F021C4LA030
- F021C4LA018
- F021C4LA012

# Outgraze 50 L 1200 mm - Non Dimmable

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



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 - 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 18,5W - flux -30% lm).

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

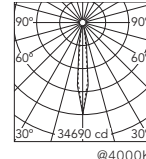
- F021A24A001
- F021A24A006
- F021A24A033
- F021A24A030
- F021A24A018
- F021A24A012

### 3000K

- F021A34A001
- F021A34A006
- F021A34A033
- F021A34A030
- F021A34A018
- F021A34A012

### 4000K

- F021A44A001
- F021A44A006
- F021A44A033
- F021A44A030
- F021A44A018
- F021A44A012



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	34690	0.25
2	8672	0.49
3	3854	0.74
4	2168	0.98
5	1388	1.23

34690 cd @4000K

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B24A001
- F021B24A006
- F021B24A033
- F021B24A030
- F021B24A018
- F021B24A012

### 3000K

- F021B34A001
- F021B34A006
- F021B34A033
- F021B34A030
- F021B34A018
- F021B34A012

### 4000K

- F021B44A001
- F021B44A006
- F021B44A033
- F021B44A030
- F021B44A018
- F021B44A012

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C24A001
- F021C24A006
- F021C24A033
- F021C24A030
- F021C24A018
- F021C24A012

### 3000K

- F021C34A001
- F021C34A006
- F021C34A033
- F021C34A030
- F021C34A018
- F021C34A012

### 4000K

- F021C44A001
- F021C44A006
- F021C44A033
- F021C44A030
- F021C44A018
- F021C44A012

## <sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

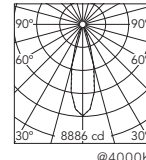
- F021A28A001
- F021A28A006
- F021A28A033
- F021A28A030
- F021A28A018
- F021A28A012

### 3000K

- F021A38A001
- F021A38A006
- F021A38A033
- F021A38A030
- F021A38A018
- F021A38A012

### 4000K

- F021A48A001
- F021A48A006
- F021A48A033
- F021A48A030
- F021A48A018
- F021A48A012



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	8886	0.52
2	2222	1.04
3	987	1.56
4	555	2.08
5	355	2.60

8886 cd @4000K

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021B28A001
- F021B28A006
- F021B28A033
- F021B28A030
- F021B28A018
- F021B28A012

### 3000K

- F021B38A001
- F021B38A006
- F021B38A033
- F021B38A030
- F021B38A018
- F021B38A012

### 4000K

- F021B48A001
- F021B48A006
- F021B48A033
- F021B48A030
- F021B48A018
- F021B48A012

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021C28A001
- F021C28A006
- F021C28A033
- F021C28A030
- F021C28A018
- F021C28A012

### 3000K

- F021C38A001
- F021C38A006
- F021C38A033
- F021C38A030
- F021C38A018
- F021C38A012

### 4000K

- F021C48A001
- F021C48A006
- F021C48A033
- F021C48A030
- F021C48A018
- F021C48A012

<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 H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

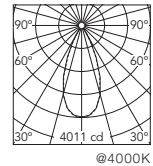
- F021A2DA001
- F021A2DA006
- F021A2DA033
- F021A2DA030
- F021A2DA018
- F021A2DA012

**3000K**

- F021A3DA001
- F021A3DA006
- F021A3DA033
- F021A3DA030
- F021A3DA018
- F021A3DA012

**4000K**

- F021A4DA001
- F021A4DA006
- F021A4DA033
- F021A4DA030
- F021A4DA018
- F021A4DA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2DA001
- F021B2DA006
- F021B2DA033
- F021B2DA030
- F021B2DA018
- F021B2DA012

**3000K**

- F021B3DA001
- F021B3DA006
- F021B3DA033
- F021B3DA030
- F021B3DA018
- F021B3DA012

**4000K**

- F021B4DA001
- F021B4DA006
- F021B4DA033
- F021B4DA030
- F021B4DA018
- F021B4DA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2DA001
- F021C2DA006
- F021C2DA033
- F021C2DA030
- F021C2DA018
- F021C2DA012

**3000K**

- F021C3DA001
- F021C3DA006
- F021C3DA033
- F021C3DA030
- F021C3DA018
- F021C3DA012

**4000K**

- F021C4DA001
- F021C4DA006
- F021C4DA033
- F021C4DA030
- F021C4DA018
- F021C4DA012

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

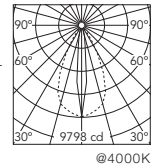
- F021A2HA001
- F021A2HA006
- F021A2HA033
- F021A2HA030
- F021A2HA018
- F021A2HA012

**3000K**

- F021A3HA001
- F021A3HA006
- F021A3HA033
- F021A3HA030
- F021A3HA018
- F021A3HA012

**4000K**

- F021A4HA001
- F021A4HA006
- F021A4HA033
- F021A4HA030
- F021A4HA018
- F021A4HA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2HA001
- F021B2HA006
- F021B2HA033
- F021B2HA030
- F021B2HA018
- F021B2HA012

**3000K**

- F021B3HA001
- F021B3HA006
- F021B3HA033
- F021B3HA030
- F021B3HA018
- F021B3HA012

**4000K**

- F021B4HA001
- F021B4HA006
- F021B4HA033
- F021B4HA030
- F021B4HA018
- F021B4HA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2HA001
- F021C2HA006
- F021C2HA033
- F021C2HA030
- F021C2HA018
- F021C2HA012

**3000K**

- F021C3HA001
- F021C3HA006
- F021C3HA033
- F021C3HA030
- F021C3HA018
- F021C3HA012

**4000K**

- F021C4HA001
- F021C4HA006
- F021C4HA033
- F021C4HA030
- F021C4HA018
- F021C4HA012

**1Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159**

**2700K**

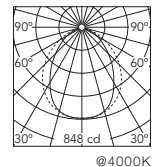
- F021A2MA001
- F021A2MA006
- F021A2MA033
- F021A2MA030
- F021A2MA018
- F021A2MA012

**3000K**

- F021A3MA001
- F021A3MA006
- F021A3MA033
- F021A3MA030
- F021A3MA018
- F021A3MA012

**4000K**

- F021A4MA001
- F021A4MA006
- F021A4MA033
- F021A4MA030
- F021A4MA018
- F021A4MA012



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 H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159**

**2700K**

- F021B2MA001
- F021B2MA006
- F021B2MA033
- F021B2MA030
- F021B2MA018
- F021B2MA012

**3000K**

- F021B3MA001
- F021B3MA006
- F021B3MA033
- F021B3MA030
- F021B3MA018
- F021B3MA012

**4000K**

- F021B4MA001
- F021B4MA006
- F021B4MA033
- F021B4MA030
- F021B4MA018
- F021B4MA012

**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159**

**2700K**

- F021C2MA001
- F021C2MA006
- F021C2MA033
- F021C2MA030
- F021C2MA018
- F021C2MA012

**3000K**

- F021C3MA001
- F021C3MA006
- F021C3MA033
- F021C3MA030
- F021C3MA018
- F021C3MA012

**4000K**

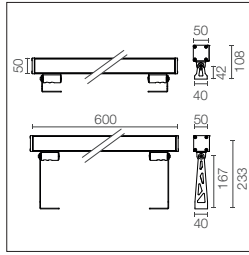
- F021C4MA001
- F021C4MA006
- F021C4MA033
- F021C4MA030
- F021C4MA018
- F021C4MA012

# Outgraze 50 L 600 mm - Dimmable DALI

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



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.

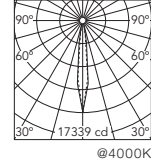
Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass.

SMART dimmable DALI version available upon request (power 7W - flux -50% lm). 1-10V dimmable version upon request.

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B22D001 | ○ F021B32D001 |
| ● F021B22D006 | ● F021B32D006 |
| ● F021B22D033 | ● F021B32D033 |
| ● F021B22D030 | ● F021B32D030 |
| ● F021B22D018 | ● F021B32D018 |
| ● F021B22D012 | ● F021B32D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B42D001 |
| ● F021B42D006 |
| ● F021B42D033 |
| ● F021B42D030 |
| ● F021B42D018 |
| ● F021B42D012 |



Beam Angle: 13°	h(m)	E(lx)	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 H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

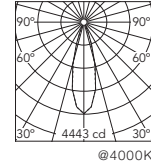
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C22D001 | ○ F021C32D001 |
| ● F021C22D006 | ● F021C32D006 |
| ● F021C22D033 | ● F021C32D033 |
| ● F021C22D030 | ● F021C32D030 |
| ● F021C22D018 | ● F021C32D018 |
| ● F021C22D012 | ● F021C32D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C42D001 |
| ● F021C42D006 |
| ● F021C42D033 |
| ● F021C42D030 |
| ● F021C42D018 |
| ● F021C42D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B26D001 | ○ F021B36D001 |
| ● F021B26D006 | ● F021B36D006 |
| ● F021B26D033 | ● F021B36D033 |
| ● F021B26D030 | ● F021B36D030 |
| ● F021B26D018 | ● F021B36D018 |
| ● F021B26D012 | ● F021B36D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B46D001 |
| ● F021B46D006 |
| ● F021B46D033 |
| ● F021B46D030 |
| ● F021B46D018 |
| ● F021B46D012 |



Beam Angle: 29°	h(m)	E(lx)	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 H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

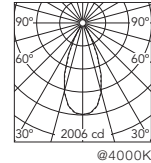
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C26D001 | ○ F021C36D001 |
| ● F021C26D006 | ● F021C36D006 |
| ● F021C26D033 | ● F021C36D033 |
| ● F021C26D030 | ● F021C36D030 |
| ● F021C26D018 | ● F021C36D018 |
| ● F021C26D012 | ● F021C36D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C46D001 |
| ● F021C46D006 |
| ● F021C46D033 |
| ● F021C46D030 |
| ● F021C46D018 |
| ● F021C46D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B2BD001 | ○ F021B3BD001 |
| ● F021B2BD006 | ● F021B3BD006 |
| ● F021B2BD033 | ● F021B3BD033 |
| ● F021B2BD030 | ● F021B3BD030 |
| ● F021B2BD018 | ● F021B3BD018 |
| ● F021B2BD012 | ● F021B3BD012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B4BD001 |
| ● F021B4BD006 |
| ● F021B4BD033 |
| ● F021B4BD030 |
| ● F021B4BD018 |
| ● F021B4BD012 |



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	

@4000K

## 3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C2BD001 | ○ F021C3BD001 |
| ● F021C2BD006 | ● F021C3BD006 |
| ● F021C2BD033 | ● F021C3BD033 |
| ● F021C2BD030 | ● F021C3BD030 |
| ● F021C2BD018 | ● F021C3BD018 |
| ● F021C2BD012 | ● F021C3BD012 |

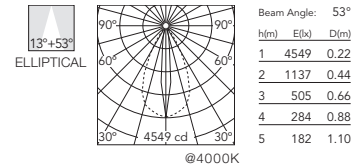
- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C4BD001 |
| ● F021C4BD006 |
| ● F021C4BD033 |
| ● F021C4BD030 |
| ● F021C4BD018 |
| ● F021C4BD012 |

2Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

3Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2FD001 | ○ F021B3FD001 | ○ F021B4FD001 |
| ● F021B2FD006 | ● F021B3FD006 | ● F021B4FD006 |
| ● F021B2FD033 | ● F021B3FD033 | ● F021B4FD033 |
| ● F021B2FD030 | ● F021B3FD030 | ● F021B4FD030 |
| ● F021B2FD018 | ● F021B3FD018 | ● F021B4FD018 |
| ● F021B2FD012 | ● F021B3FD012 | ● F021B4FD012 |

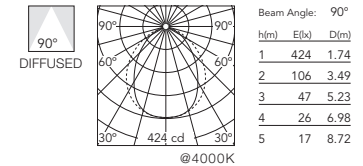


**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2FD001 | ○ F021C3FD001 | ○ F021C4FD001 |
| ● F021C2FD006 | ● F021C3FD006 | ● F021C4FD006 |
| ● F021C2FD033 | ● F021C3FD033 | ● F021C4FD033 |
| ● F021C2FD030 | ● F021C3FD030 | ● F021C4FD030 |
| ● F021C2FD018 | ● F021C3FD018 | ● F021C4FD018 |
| ● F021C2FD012 | ● F021C3FD012 | ● F021C4FD012 |

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2KD001 | ○ F021B3KD001 | ○ F021B4KD001 |
| ● F021B2KD006 | ● F021B3KD006 | ● F021B4KD006 |
| ● F021B2KD033 | ● F021B3KD033 | ● F021B4KD033 |
| ● F021B2KD030 | ● F021B3KD030 | ● F021B4KD030 |
| ● F021B2KD018 | ● F021B3KD018 | ● F021B4KD018 |
| ● F021B2KD012 | ● F021B3KD012 | ● F021B4KD012 |



**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

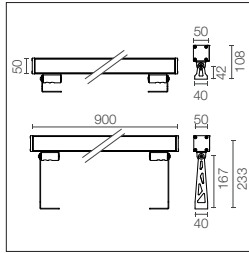
- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2KD001 | ○ F021C3KD001 | ○ F021C4KD001 |
| ● F021C2KD006 | ● F021C3KD006 | ● F021C4KD006 |
| ● F021C2KD033 | ● F021C3KD033 | ● F021C4KD033 |
| ● F021C2KD030 | ● F021C3KD030 | ● F021C4KD030 |
| ● F021C2KD018 | ● F021C3KD018 | ● F021C4KD018 |
| ● F021C2KD012 | ● F021C3KD012 | ● F021C4KD012 |

# Outgraze 50 L 900 mm - Dimmable DALI

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



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.

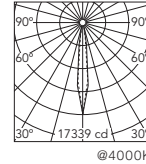
Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass.

SMART dimmable DALI version available upon request (power 11W - flux -50% lm). 1-10V dimmable version upon request.

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B23D001 | ○ F021B33D001 |
| ● F021B23D006 | ● F021B33D006 |
| ● F021B23D033 | ● F021B33D033 |
| ● F021B23D030 | ● F021B33D030 |
| ● F021B23D018 | ● F021B33D018 |
| ● F021B23D012 | ● F021B33D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B43D001 |
| ● F021B43D006 |
| ● F021B43D033 |
| ● F021B43D030 |
| ● F021B43D018 |
| ● F021B43D012 |



h(m)	E(lx)	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 H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

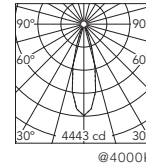
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C23D001 | ○ F021C33D001 |
| ● F021C23D006 | ● F021C33D006 |
| ● F021C23D033 | ● F021C33D033 |
| ● F021C23D030 | ● F021C33D030 |
| ● F021C23D018 | ● F021C33D018 |
| ● F021C23D012 | ● F021C33D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C43D001 |
| ● F021C43D006 |
| ● F021C43D033 |
| ● F021C43D030 |
| ● F021C43D018 |
| ● F021C43D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B27D001 | ○ F021B37D001 |
| ● F021B27D006 | ● F021B37D006 |
| ● F021B27D033 | ● F021B37D033 |
| ● F021B27D030 | ● F021B37D030 |
| ● F021B27D018 | ● F021B37D018 |
| ● F021B27D012 | ● F021B37D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B47D001 |
| ● F021B47D006 |
| ● F021B47D033 |
| ● F021B47D030 |
| ● F021B47D018 |
| ● F021B47D012 |



h(m)	E(lx)	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 H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

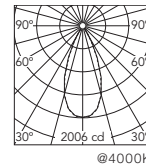
- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C27D001 | ○ F021C37D001 |
| ● F021C27D006 | ● F021C37D006 |
| ● F021C27D033 | ● F021C37D033 |
| ● F021C27D030 | ● F021C37D030 |
| ● F021C27D018 | ● F021C37D018 |
| ● F021C27D012 | ● F021C37D012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C47D001 |
| ● F021C47D006 |
| ● F021C47D033 |
| ● F021C47D030 |
| ● F021C47D018 |
| ● F021C47D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021B2CD001 | ○ F021B3CD001 |
| ● F021B2CD006 | ● F021B3CD006 |
| ● F021B2CD033 | ● F021B3CD033 |
| ● F021B2CD030 | ● F021B3CD030 |
| ● F021B2CD018 | ● F021B3CD018 |
| ● F021B2CD012 | ● F021B3CD012 |

- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021B4CD001 |
| ● F021B4CD006 |
| ● F021B4CD033 |
| ● F021B4CD030 |
| ● F021B4CD018 |
| ● F021B4CD012 |



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

@4000K

## 3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- |               |               |
|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  |
| ○ F021C2CD001 | ○ F021C3CD001 |
| ● F021C2CD006 | ● F021C3CD006 |
| ● F021C2CD033 | ● F021C3CD033 |
| ● F021C2CD030 | ● F021C3CD030 |
| ● F021C2CD018 | ● F021C3CD018 |
| ● F021C2CD012 | ● F021C3CD012 |

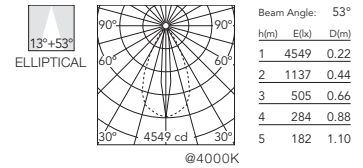
- |               |
|---------------|
| <b>4000K</b>  |
| ○ F021C4CD001 |
| ● F021C4CD006 |
| ● F021C4CD033 |
| ● F021C4CD030 |
| ● F021C4CD018 |
| ● F021C4CD012 |

2Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

3Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2GD001 | ○ F021B3GD001 | ○ F021B4GD001 |
| ● F021B2GD006 | ● F021B3GD006 | ● F021B4GD006 |
| ● F021B2GD033 | ● F021B3GD033 | ● F021B4GD033 |
| ● F021B2GD030 | ● F021B3GD030 | ● F021B4GD030 |
| ● F021B2GD018 | ● F021B3GD018 | ● F021B4GD018 |
| ● F021B2GD012 | ● F021B3GD012 | ● F021B4GD012 |

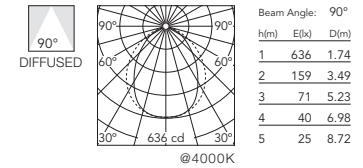


**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2GD001 | ○ F021C3GD001 | ○ F021C4GD001 |
| ● F021C2GD006 | ● F021C3GD006 | ● F021C4GD006 |
| ● F021C2GD033 | ● F021C3GD033 | ● F021C4GD033 |
| ● F021C2GD030 | ● F021C3GD030 | ● F021C4GD030 |
| ● F021C2GD018 | ● F021C3GD018 | ● F021C4GD018 |
| ● F021C2GD012 | ● F021C3GD012 | ● F021C4GD012 |

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2LD001 | ○ F021B3LD001 | ○ F021B4LD001 |
| ● F021B2LD006 | ● F021B3LD006 | ● F021B4LD006 |
| ● F021B2LD033 | ● F021B3LD033 | ● F021B4LD033 |
| ● F021B2LD030 | ● F021B3LD030 | ● F021B4LD030 |
| ● F021B2LD018 | ● F021B3LD018 | ● F021B4LD018 |
| ● F021B2LD012 | ● F021B3LD012 | ● F021B4LD012 |



**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

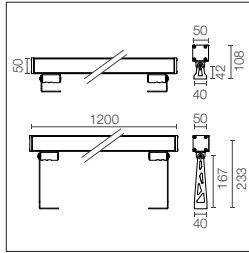
- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2LD001 | ○ F021C3LD001 | ○ F021C4LD001 |
| ● F021C2LD006 | ● F021C3LD006 | ● F021C4LD006 |
| ● F021C2LD033 | ● F021C3LD033 | ● F021C4LD033 |
| ● F021C2LD030 | ● F021C3LD030 | ● F021C4LD030 |
| ● F021C2LD018 | ● F021C3LD018 | ● F021C4LD018 |
| ● F021C2LD012 | ● F021C3LD012 | ● F021C4LD012 |

# Outgraze 50 L 1200 mm - Dimmable DALI

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



Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas.

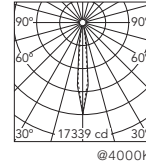
DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 14W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass.

SMART dimmable DALI version available upon request (power 14W - flux -50% lm). 1-10V dimmable version upon request.

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B24D001 | ○ F021B34D001 | ○ F021B44D001 |
| ● F021B24D006 | ● F021B34D006 | ● F021B44D006 |
| ● F021B24D033 | ● F021B34D033 | ● F021B44D033 |
| ● F021B24D030 | ● F021B34D030 | ● F021B44D030 |
| ● F021B24D018 | ● F021B34D018 | ● F021B44D018 |
| ● F021B24D012 | ● F021B34D012 | ● F021B44D012 |



h(m)	E(lx)	D(m)
1	17339	0.25
2	4335	0.49
3	1927	0.74
4	1084	0.98
5	694	1.23

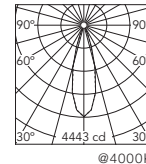
Beam Angle: 13°  
@4000K

## 3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C24D001 | ○ F021C34D001 | ○ F021C44D001 |
| ● F021C24D006 | ● F021C34D006 | ● F021C44D006 |
| ● F021C24D033 | ● F021C34D033 | ● F021C44D033 |
| ● F021C24D030 | ● F021C34D030 | ● F021C44D030 |
| ● F021C24D018 | ● F021C34D018 | ● F021C44D018 |
| ● F021C24D012 | ● F021C34D012 | ● F021C44D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B28D001 | ○ F021B38D001 | ○ F021B48D001 |
| ● F021B28D006 | ● F021B38D006 | ● F021B48D006 |
| ● F021B28D033 | ● F021B38D033 | ● F021B48D033 |
| ● F021B28D030 | ● F021B38D030 | ● F021B48D030 |
| ● F021B28D018 | ● F021B38D018 | ● F021B48D018 |
| ● F021B28D012 | ● F021B38D012 | ● F021B48D012 |



h(m)	E(lx)	D(m)
1	4443	0.52
2	1111	1.04
3	494	1.56
4	278	2.08
5	178	2.60

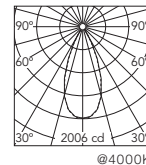
Beam Angle: 29°  
@4000K

## 3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C28D001 | ○ F021C38D001 | ○ F021C48D001 |
| ● F021C28D006 | ● F021C38D006 | ● F021C48D006 |
| ● F021C28D033 | ● F021C38D033 | ● F021C48D033 |
| ● F021C28D030 | ● F021C38D030 | ● F021C48D030 |
| ● F021C28D018 | ● F021C38D018 | ● F021C48D018 |
| ● F021C28D012 | ● F021C38D012 | ● F021C48D012 |

## 2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2DD001 | ○ F021B3DD001 | ○ F021B4DD001 |
| ● F021B2DD006 | ● F021B3DD006 | ● F021B4DD006 |
| ● F021B2DD033 | ● F021B3DD033 | ● F021B4DD033 |
| ● F021B2DD030 | ● F021B3DD030 | ● F021B4DD030 |
| ● F021B2DD018 | ● F021B3DD018 | ● F021B4DD018 |
| ● F021B2DD012 | ● F021B3DD012 | ● F021B4DD012 |



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

Beam Angle: 44°  
@4000K

## 3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

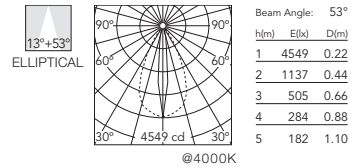
- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2DD001 | ○ F021C3DD001 | ○ F021C4DD001 |
| ● F021C2DD006 | ● F021C3DD006 | ● F021C4DD006 |
| ● F021C2DD033 | ● F021C3DD033 | ● F021C4DD033 |
| ● F021C2DD030 | ● F021C3DD030 | ● F021C4DD030 |
| ● F021C2DD018 | ● F021C3DD018 | ● F021C4DD018 |
| ● F021C2DD012 | ● F021C3DD012 | ● F021C4DD012 |

2Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

3Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2HD001 | ○ F021B3HD001 | ○ F021B4HD001 |
| ● F021B2HD006 | ● F021B3HD006 | ● F021B4HD006 |
| ● F021B2HD033 | ● F021B3HD033 | ● F021B4HD033 |
| ● F021B2HD030 | ● F021B3HD030 | ● F021B4HD030 |
| ● F021B2HD018 | ● F021B3HD018 | ● F021B4HD018 |
| ● F021B2HD012 | ● F021B3HD012 | ● F021B4HD012 |

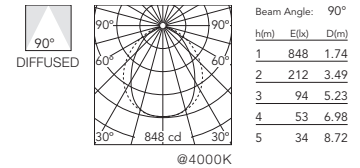


**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2HD001 | ○ F021C3HD001 | ○ F021C4HD001 |
| ● F021C2HD006 | ● F021C3HD006 | ● F021C4HD006 |
| ● F021C2HD033 | ● F021C3HD033 | ● F021C4HD033 |
| ● F021C2HD030 | ● F021C3HD030 | ● F021C4HD030 |
| ● F021C2HD018 | ● F021C3HD018 | ● F021C4HD018 |
| ● F021C2HD012 | ● F021C3HD012 | ● F021C4HD012 |

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021B2MD001 | ○ F021B3MD001 | ○ F021B4MD001 |
| ● F021B2MD006 | ● F021B3MD006 | ● F021B4MD006 |
| ● F021B2MD033 | ● F021B3MD033 | ● F021B4MD033 |
| ● F021B2MD030 | ● F021B3MD030 | ● F021B4MD030 |
| ● F021B2MD018 | ● F021B3MD018 | ● F021B4MD018 |
| ● F021B2MD012 | ● F021B3MD012 | ● F021B4MD012 |

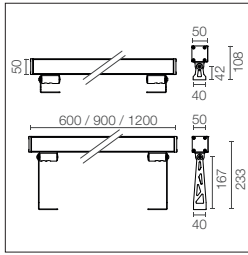


**3Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

- |               |               |               |
|---------------|---------------|---------------|
| <b>2700K</b>  | <b>3000K</b>  | <b>4000K</b>  |
| ○ F021C2MD001 | ○ F021C3MD001 | ○ F021C4MD001 |
| ● F021C2MD006 | ● F021C3MD006 | ● F021C4MD006 |
| ● F021C2MD033 | ● F021C3MD033 | ● F021C4MD033 |
| ● F021C2MD030 | ● F021C3MD030 | ● F021C4MD030 |
| ● F021C2MD018 | ● F021C3MD018 | ● F021C4MD018 |
| ● F021C2MD012 | ● F021C3MD012 | ● F021C4MD012 |

## Outgraze 50 - RGB

**Power Led:** L600: 26W - 120-240V - DMX-RDM interface / L900: 37W - 120-240V - DMX-RDM interface / L1200: 48W - 120-240V - DMX-RDM interface



Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen.

Integrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately.

Sandgestrahltes Glas.

Sandblasted glass.

Schaltplan Nr.12 S.160 / Wiring diagram n.12 page 160

### L 600

- F021MRKJ001
- F021MRKJ006
- F021MRKJ033
- F021MRKJ030
- F021MRKJ018
- F021MRKJ012

### L 900

- F021MRLJ001
- F021MRLJ006
- F021MRLJ033
- F021MRLJ030
- F021MRLJ018
- F021MRLJ012

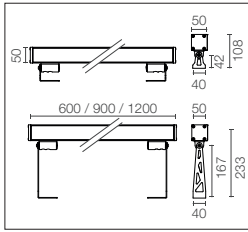
### L 1200

- F021MRMJ001
- F021MRMJ006
- F021MRMJ033
- F021MRMJ030
- F021MRMJ018
- F021MRMJ012



## Outgraze 50 - RGBW

**Power Led:** L600: 24W - 120-240V - DMX-RDM interface / L900: 33W - 120-240V - DMX-RDM interface / L1200: 43W 120-240V - DMX-RDM interface



Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen.

Integrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately.

Sandgestrahltes Glas.

Sandblasted glass.

Schaltplan Nr.12 S.160 / Wiring diagram n.12 page 160

### L 600

- F021MWKJ001
- F021MWKJ006
- F021MWKJ033
- F021MWKJ030
- F021MWKJ018
- F021MWKJ012

### L 900

- F021MWLJ001
- F021MWLJ006
- F021MWLJ033
- F021MWLJ030
- F021MWLJ018
- F021MWLJ012

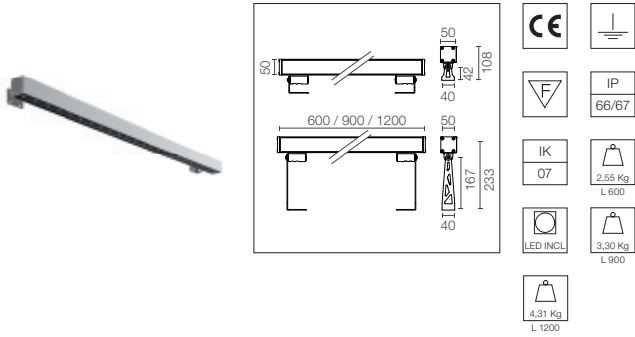
### L 1200

- F021MWMJ001
- F021MWMJ006
- F021MWMJ033
- F021MWMJ030
- F021MWMJ018
- F021MWMJ012



# Outgraze 50 - Tunable White DALI 2700K÷5700K

**Power Led: Power Led:** L600: 13W - 120-240V / L900: 18,5W - 1669 lm ≠ FIXT 1082 lm - 2700K/CRI 80 - 120-240V / L1200: 23W - 22826 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 120-240V

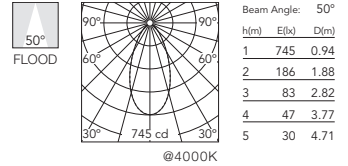


Stromquelle 120/240 V DALI integriert. Einbauhalterungen sind separat zu bestellen.  
Sandgestrahtes Glas.

120/240V DALI integrated power supply. Installation brackets, to be ordered separately.  
Sandblasted glass.

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- L 600**
- F021PTKD001
  - F021PTKD006
  - F021PTKD033
  - F021PTKD030
  - F021PTKD018
  - F021PTKD012

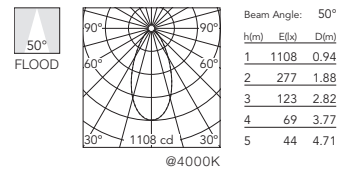


## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- L 600**
- F021QTKD001
  - F021QTKD006
  - F021QTKD033
  - F021QTKD030
  - F021QTKD018
  - F021QTKD012

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- L 900**
- F021PTLD001
  - F021PTLD006
  - F021PTLD033
  - F021PTLD030
  - F021PTLD018
  - F021PTLD012

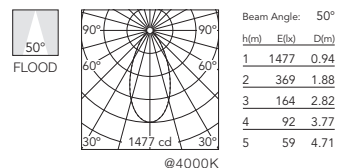


## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

- L 900**
- F021QTLD001
  - F021QTLD006
  - F021QTLD033
  - F021QTLD030
  - F021QTLD018
  - F021QTLD012

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

- L 1200**
- F021PTMD001
  - F021PTMD006
  - F021PTMD033
  - F021PTMD030
  - F021PTMD018
  - F021PTMD012



## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

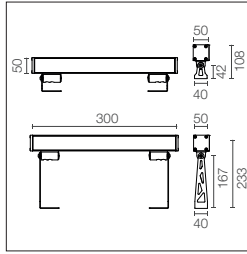
- L 1200**
- F021QTMD001
  - F021QTMD006
  - F021QTMD033
  - F021QTMD030
  - F021QTMD018
  - F021QTMD012

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 300 mm - Non Dimmable

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



Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen.  
Sandgestrahtetes Glas.

Integrated 220/240V power supply. Installation brackets, to be ordered separately.  
Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

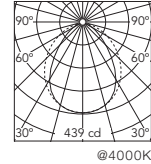
- F021G2JA001
- F021G2JA006
- F021G2JA033
- F021G2JA030
- F021G2JA018
- F021G2JA012

### 3000K

- F021G3JA001
- F021G3JA006
- F021G3JA033
- F021G3JA030
- F021G3JA018
- F021G3JA012

### 4000K

- F021G4JA001
- F021G4JA006
- F021G4JA033
- F021G4JA030
- F021G4JA018
- F021G4JA012



Beam Angle: 90°

h(m)	Et(x)	D(m)
1	439	1.67
2	110	3.34
3	49	5.00
4	27	6.67
5	18	8.34

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021H2JA001
- F021H2JA006
- F021H2JA033
- F021H2JA030
- F021H2JA018
- F021H2JA012

### 3000K

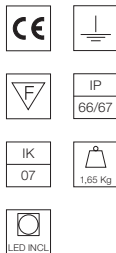
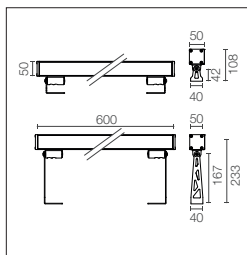
- F021H3JA001
- F021H3JA006
- F021H3JA033
- F021H3JA030
- F021H3JA018
- F021H3JA012

### 4000K

- F021H4JA001
- F021H4JA006
- F021H4JA033
- F021H4JA030
- F021H4JA018
- F021H4JA012

## Outgraze 50 Easy L 600 mm - Non Dimmable

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



Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen.  
Sandgestrahtetes Glas.

Integrated 220/240V power supply. Installation brackets, to be ordered separately.  
Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

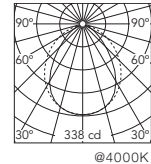
- F021G2KA001
- F021G2KA006
- F021G2KA033
- F021G2KA030
- F021G2KA018
- F021G2KA012

### 3000K

- F021G3KA001
- F021G3KA006
- F021G3KA033
- F021G3KA030
- F021G3KA018
- F021G3KA012

### 4000K

- F021G4KA001
- F021G4KA006
- F021G4KA033
- F021G4KA030
- F021G4KA018
- F021G4KA012



Beam Angle: 90°

h(m)	Et(x)	D(m)
1	338	1.67
2	85	3.34
3	38	5.00
4	21	6.67
5	14	8.34

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021H2KA001
- F021H2KA006
- F021H2KA033
- F021H2KA030
- F021H2KA018
- F021H2KA012

### 3000K

- F021H3KA001
- F021H3KA006
- F021H3KA033
- F021H3KA030
- F021H3KA018
- F021H3KA012

### 4000K

- F021H4KA001
- F021H4KA006
- F021H4KA033
- F021H4KA030
- F021H4KA018
- F021H4KA012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021J2KA001
- F021J2KA006
- F021J2KA033
- F021J2KA030
- F021J2KA018
- F021J2KA012

### 3000K

- F021J3KA001
- F021J3KA006
- F021J3KA033
- F021J3KA030
- F021J3KA018
- F021J3KA012

### 4000K

- F021J4KA001
- F021J4KA006
- F021J4KA033
- F021J4KA030
- F021J4KA018
- F021J4KA012

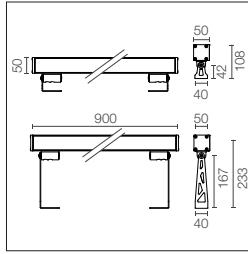
<sup>1</sup>Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm length prewired cable (connecting accessory to be separately ordered).

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 900 mm - Non Dimmable

**Mid-power Led:** 20W - 2418 lm ≠ FIXT 930 lm - 2700K/CRI 80 - 220-240V / 20W - 2628 lm ≠ FIXT 1011 lm - 3000K/CRI 80 - 220-240V / 20W - 2839 lm ≠ FIXT 1092 lm - 4000K/CRI 80 - 220-240V



Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen.

Integrated 220/240V power supply. Installation brackets, to be ordered separately.

Sandgestrahltes Glas.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

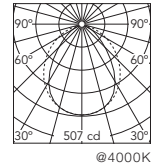
- F021G2LA001
- F021G2LA006
- F021G2LA033
- F021G2LA030
- F021G2LA018
- F021G2LA012

### 3000K

- F021G3LA001
- F021G3LA006
- F021G3LA033
- F021G3LA030
- F021G3LA018
- F021G3LA012

### 4000K

- F021G4LA001
- F021G4LA006
- F021G4LA033
- F021G4LA030
- F021G4LA018
- F021G4LA012



h(m)	E(ft)	D(m)
1	507	1.67
2	127	3.34
3	56	5.00
4	32	6.67
5	20	8.34

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021H2LA001
- F021H2LA006
- F021H2LA033
- F021H2LA030
- F021H2LA018
- F021H2LA012

### 3000K

- F021H3LA001
- F021H3LA006
- F021H3LA033
- F021H3LA030
- F021H3LA018
- F021H3LA012

### 4000K

- F021H4LA001
- F021H4LA006
- F021H4LA033
- F021H4LA030
- F021H4LA018
- F021H4LA012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021J2LA001
- F021J2LA006
- F021J2LA033
- F021J2LA030
- F021J2LA018
- F021J2LA012

### 3000K

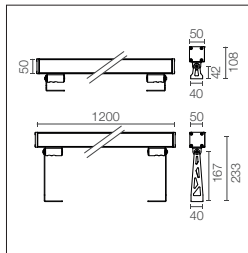
- F021J3LA001
- F021J3LA006
- F021J3LA033
- F021J3LA030
- F021J3LA018
- F021J3LA012

### 4000K

- F021J4LA001
- F021J4LA006
- F021J4LA033
- F021J4LA030
- F021J4LA018
- F021J4LA012

## Outgraze 50 Easy L 1200 mm - Non Dimmable

**Mid-power Led:** 27W - 3224 lm ≠ FIXT 1240 lm - 2700K/CRI 80 - 220-240V / 27W - 3505 lm ≠ FIXT 1348 lm - 3000K/CRI 80 - 220-240V / 27W - 3785 lm ≠ FIXT 1456 lm - 4000K/CRI 80 - 220-240V



Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen.

Integrated 220/240V power supply. Installation brackets, to be ordered separately.

Sandgestrahltes Glas.

Sandblasted glass.

<sup>1</sup>Standard - Schaltplan Nr.7 S.159 / Wiring diagram n.7 page 159

### 2700K

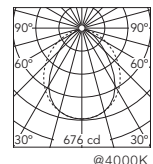
- F021G2MA001
- F021G2MA006
- F021G2MA033
- F021G2MA030
- F021G2MA018
- F021G2MA012

### 3000K

- F021G3MA001
- F021G3MA006
- F021G3MA033
- F021G3MA030
- F021G3MA018
- F021G3MA012

### 4000K

- F021G4MA001
- F021G4MA006
- F021G4MA033
- F021G4MA030
- F021G4MA018
- F021G4MA012



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

<sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.8 S.159 / Wiring diagram n.8 page 159

### 2700K

- F021H2MA001
- F021H2MA006
- F021H2MA033
- F021H2MA030
- F021H2MA018
- F021H2MA012

### 3000K

- F021H3MA001
- F021H3MA006
- F021H3MA033
- F021H3MA030
- F021H3MA018
- F021H3MA012

### 4000K

- F021H4MA001
- F021H4MA006
- F021H4MA033
- F021H4MA030
- F021H4MA018
- F021H4MA012

<sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.9 S.159 / Wiring diagram n.9 page 159

### 2700K

- F021J2MA001
- F021J2MA006
- F021J2MA033
- F021J2MA030
- F021J2MA018
- F021J2MA012

### 3000K

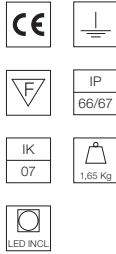
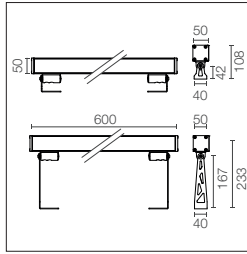
- F021J3MA001
- F021J3MA006
- F021J3MA033
- F021J3MA030
- F021J3MA018
- F021J3MA012

### 4000K

- F021J4MA001
- F021J4MA006
- F021J4MA033
- F021J4MA030
- F021J4MA018
- F021J4MA012

## Outgraze 50 Easy L 600 mm - Dimmable DALI

**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



Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen.  
Sandgestrahtetes Glas.

Integrated 120/240V power supply. Installation brackets, to be ordered separately.  
Sandblasted glass.

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

### 2700K

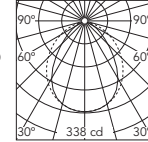
- F021G2KD001
- F021G2KD006
- F021G2KD033
- F021G2KD030
- F021G2KD018
- F021G2KD012

### 3000K

- F021G3KD001
- F021G3KD006
- F021G3KD033
- F021G3KD030
- F021G3KD018
- F021G3KD012

### 4000K

- F021G4KD001
- F021G4KD006
- F021G4KD033
- F021G4KD030
- F021G4KD018
- F021G4KD012



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 H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

### 2700K

- F021J2KD001
- F021J2KD006
- F021J2KD033
- F021J2KD030
- F021J2KD018
- F021J2KD012

### 3000K

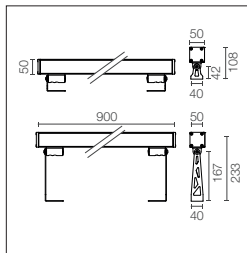
- F021J3KD001
- F021J3KD006
- F021J3KD033
- F021J3KD030
- F021J3KD018
- F021J3KD012

### 4000K

- F021J4KD001
- F021J4KD006
- F021J4KD033
- F021J4KD030
- F021J4KD018
- F021J4KD012

## Outgraze 50 Easy L 900 mm - Dimmable DALI

**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



Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen.  
Sandgestrahtetes Glas.

Integrated 120/240V power supply. Installation brackets, to be ordered separately.  
Sandblasted glass.

**2Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160**

### 2700K

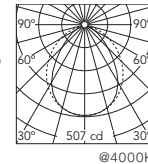
- F021G2LD001
- F021G2LD006
- F021G2LD033
- F021G2LD030
- F021G2LD018
- F021G2LD012

### 3000K

- F021G3LD001
- F021G3LD006
- F021G3LD033
- F021G3LD030
- F021G3LD018
- F021G3LD012

### 4000K

- F021G4LD001
- F021G4LD006
- F021G4LD033
- F021G4LD030
- F021G4LD018
- F021G4LD012



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 In/Out H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160**

### 2700K

- F021J2LD001
- F021J2LD006
- F021J2LD033
- F021J2LD030
- F021J2LD018
- F021J2LD012

### 3000K

- F021J3LD001
- F021J3LD006
- F021J3LD033
- F021J3LD030
- F021J3LD018
- F021J3LD012

### 4000K

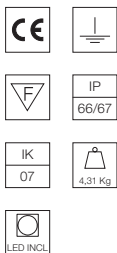
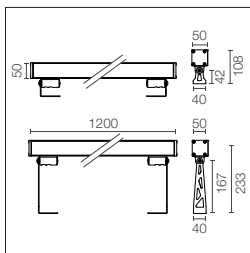
- F021J4LD001
- F021J4LD006
- F021J4LD033
- F021J4LD030
- F021J4LD018
- F021J4LD012

**2Quick Install In H2O Stop Version:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

**3Continuous Line In/Out H2O Stop Version:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

# Outgraze 50 Easy L 1200 mm - Dimmable DALI

**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



Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen.

Integrated 120/240V power supply. Installation brackets, to be ordered separately.

Sandgestrahltes Glas.

Sandblasted glass.

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.10 S.160 / Wiring diagram n.10 page 160

### 2700K

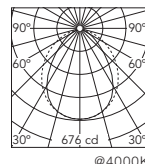
- F021G2MD001
- F021G2MD006
- F021G2MD033
- F021G2MD030
- F021G2MD018
- F021G2MD012

### 3000K

- F021G3MD001
- F021G3MD006
- F021G3MD033
- F021G3MD030
- F021G3MD018
- F021G3MD012

### 4000K

- F021G4MD001
- F021G4MD006
- F021G4MD033
- F021G4MD030
- F021G4MD018
- F021G4MD012



Beam Angle: 90°

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

## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.11 S.160 / Wiring diagram n.11 page 160

### 2700K

- F021J2MD001
- F021J2MD006
- F021J2MD033
- F021J2MD030
- F021J2MD018
- F021J2MD012

### 3000K

- F021J3MD001
- F021J3MD006
- F021J3MD033
- F021J3MD030
- F021J3MD018
- F021J3MD012

### 4000K

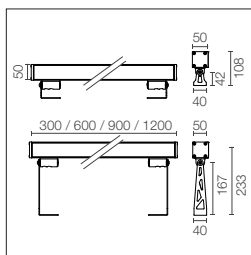
- F021J4MD001
- F021J4MD006
- F021J4MD033
- F021J4MD030
- F021J4MD018
- F021J4MD012

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

# Outgraze 50 Easy - Tunable White DALI 2700K÷5700K

**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



Fernspeisung 24 V und Einbauhalterungen separat zu bestellen.

Sandgestrahtetes Glas.

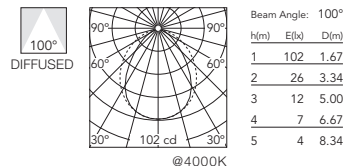
24V remote power supply and installation brackets to be ordered separately.

Sandblasted glass.

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.13 S.161 / Wiring diagram n.13 page 161

### L 300

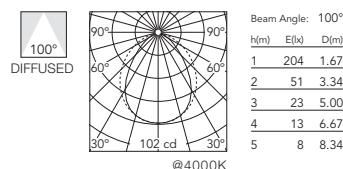
- F021KTJD001
- F021KTJD006
- F021KTJD033
- F021KTJD030
- F021KTJD018
- F021KTJD012



## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.13 S.161 / Wiring diagram n.13 page 161

### L 600

- F021KTKD001
- F021KTKD006
- F021KTKD033
- F021KTKD030
- F021KTKD018
- F021KTKD012



## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.14 S.161 / Wiring diagram n.14 page 161

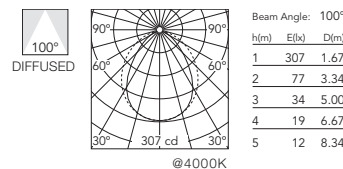
### L 600

- F021LTKD001
- F021LTKD006
- F021LTKD033
- F021LTKD030
- F021LTKD018
- F021LTKD012

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.13 S.161 / Wiring diagram n.13 page 161

### L 900

- F021KTLD001
- F021KTLD006
- F021KTLD033
- F021KTLD030
- F021KTLD018
- F021KTLD012



## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.14 S.161 / Wiring diagram n.14 page 161

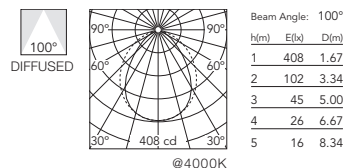
### L 900

- F021LTLD001
- F021LTLD006
- F021LTLD033
- F021LTLD030
- F021LTLD018
- F021LTLD012

## <sup>2</sup>Quick Install I H2O Stop Fast Connect - Schaltplan Nr.13 S.161 / Wiring diagram n.13 page 161

### L 1200

- F021KTMD001
- F021KTMD006
- F021KTMD033
- F021KTMD030
- F021KTMD018
- F021KTMD012



## <sup>3</sup>Continuous Line I/O H2O Stop Fast Connect - Schaltplan Nr.14 S.161 / Wiring diagram n.14 page 161

### L 1200




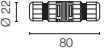


- F021LTMD001
- F021LTMD006
- F021LTMD033
- F021LTMD030
- F021LTMD018
- F021LTMD012

<sup>2</sup>Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

<sup>3</sup>Continuous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O 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>● F1203033</li> <li>● F1203030</li> <li>● F1203018</li> <li>● F1203012</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>● F1204033</li> <li>● F1204030</li> <li>● F1204018</li> <li>● F1204012</li> </ul>	
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	
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 H2O Stop, Continuous Line I/O H2O Stop und Easy Tunable White (24V) / Accessories for Quick Install I H2O Stop, Continuous Line I/O H2O 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	



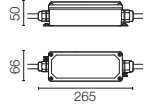

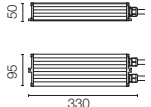
## Outgraze 50

### 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	




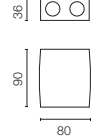

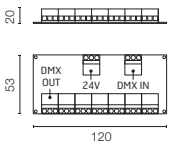

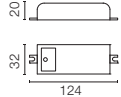

## Outgraze 50

### Stromversorgungen für Easy Tunable White DALI (24V)-Version / Powers supplies for Easy Tunable White DALI (24V) version

Netzgerät für den Feineinbau 24V DC 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv.	RF25755		
Netzgerät für den Feineinbau 24V DC 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv.	RF25749		
Netzgerät für den Feineinbau 24V DC 100W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 100W / 120-240V IP67 Class II selv.	RF25756		

## Outgraze 50

### Zubehör für die RGB-RGBW-Verwaltung / Accessories for RGB-RGBW management

Netzgerät für den Feineinbau 24V DC 50W / 120-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv.	F990B10A000		
Netzgerät für den Feineinbau 24V DC 70W / 220-240V IP67 Klasse II selv.	Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv.	F990B11A000		
Netzgerät für den Feineinbau 24V DC 100W / 120-240V IP67 Klasse II selv. Netzteil nicht enthalten.	Power supply for remote installation 24V DC 100W / 120-240V IP67 Class II selv. 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		

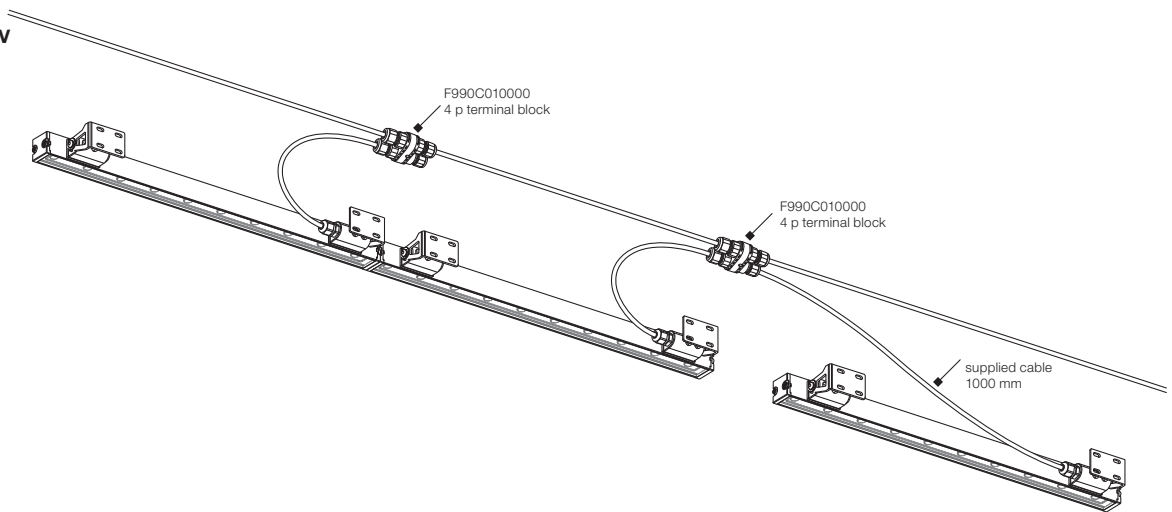
# Outgraze 50

## 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 length prewired cable (connecting accessory to be separately ordered)

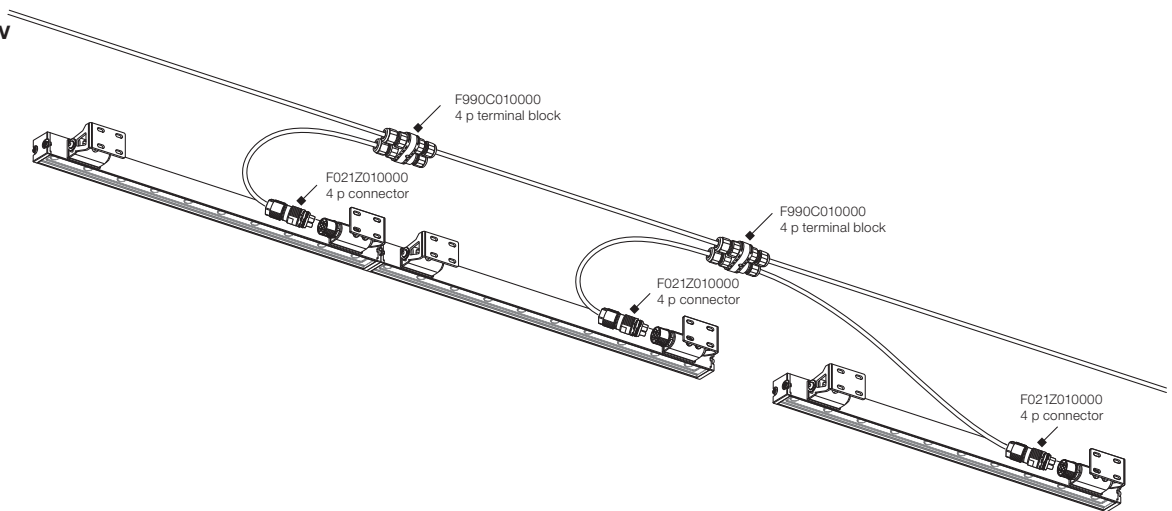
220-240V



### Schaltplan Nr.8 / Wiring diagram n.8

**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

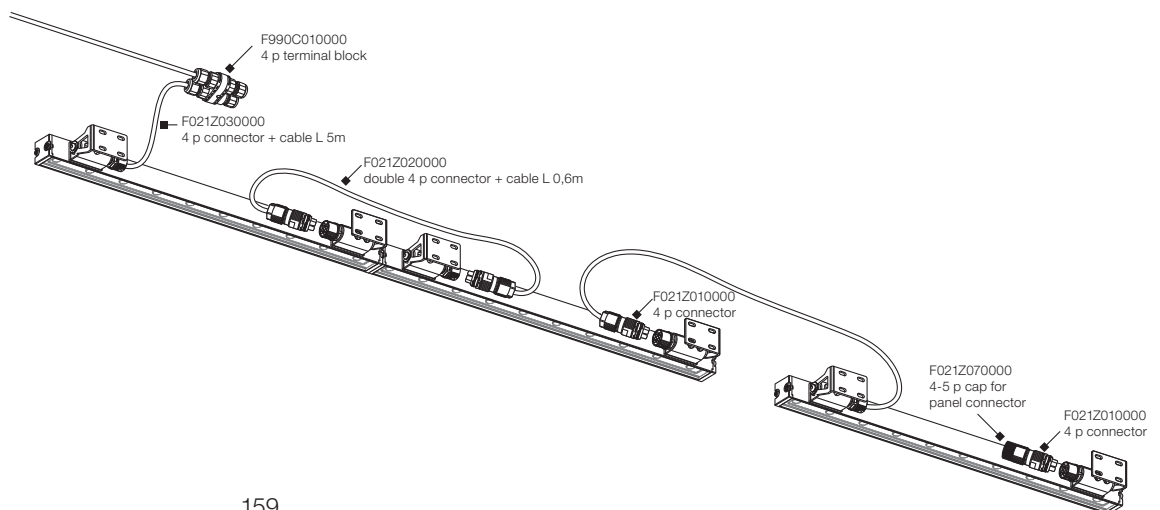
220-240V



### Schaltplan Nr.9 / Wiring diagram n.9

**Continuous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

220-240V



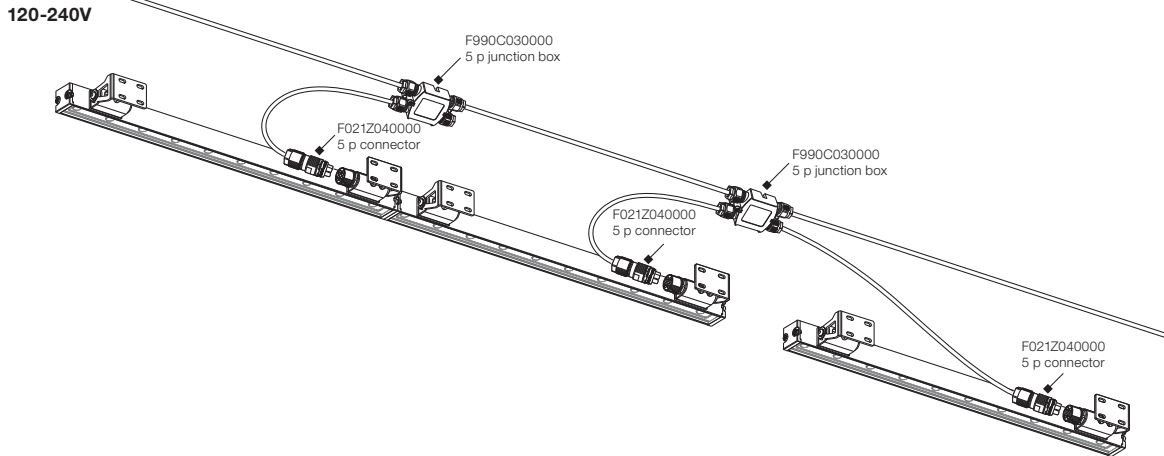
# Outgraze 50

## 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

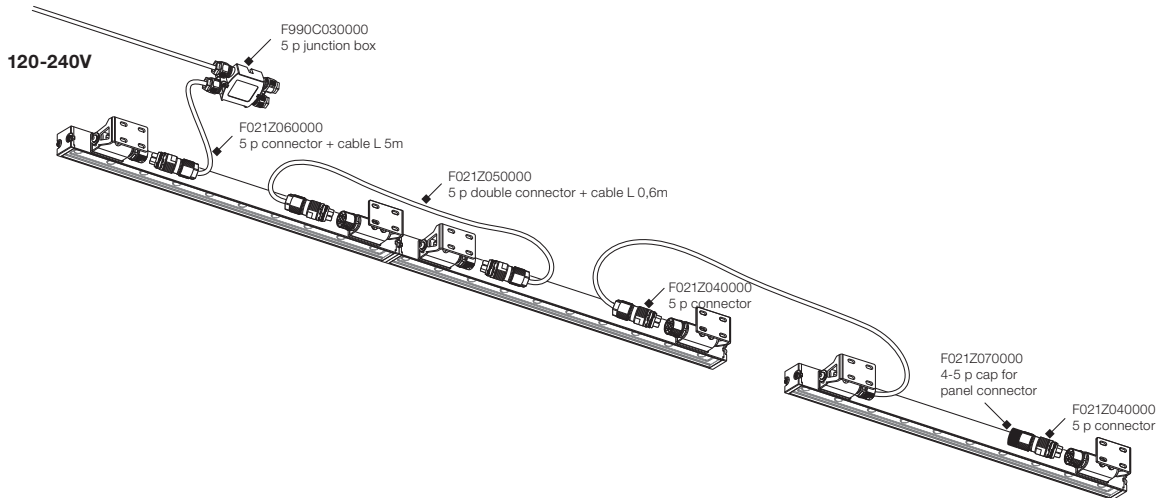
**Quick Install I H2O Stop:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



### For Dimmable and Tunable White versions

#### Schaltplan Nr.11 / Wiring diagram n.11

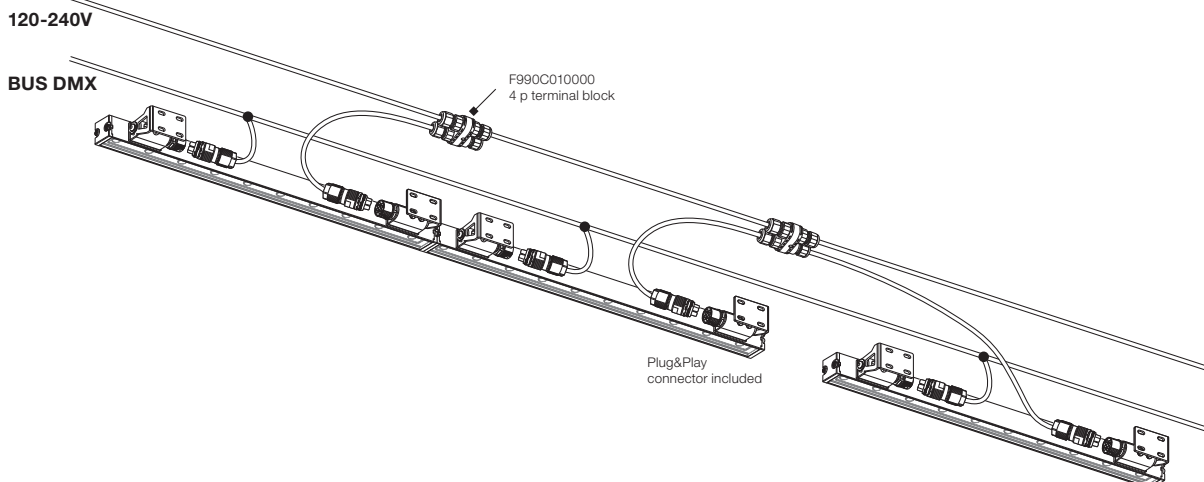
**Continuous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



### For RGB-RGBW versions

#### Schaltplan Nr.12 / Wiring diagram n.12

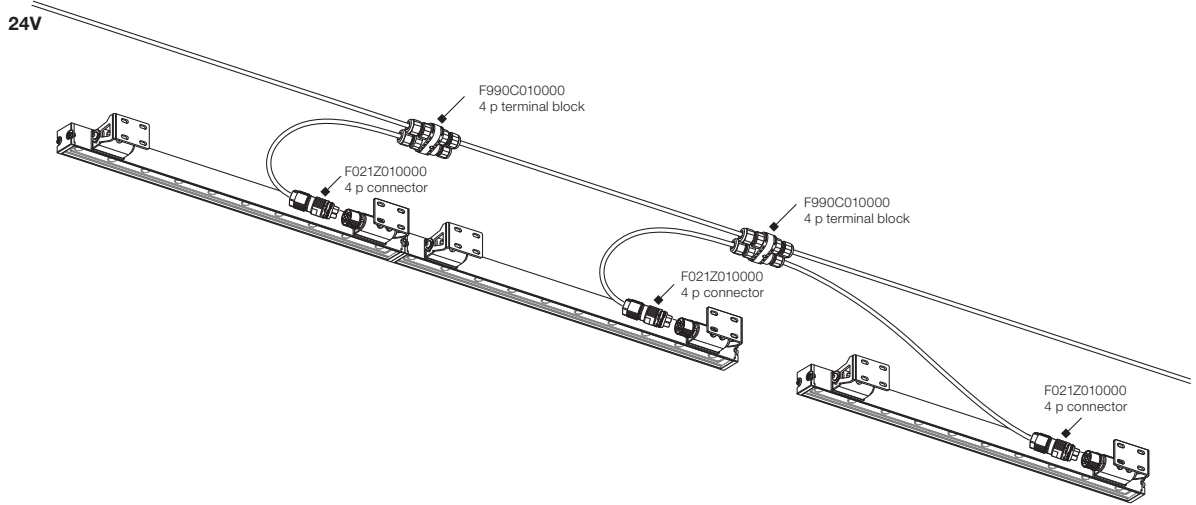
Vorinstallierte Plug&Play-Steckverbinder mit IP68-Schutzklasse / Prewired IP68 Plug&Play connectors



For Easy Tunable White versions

Schaltplan Nr.13 / Wiring diagram n.13

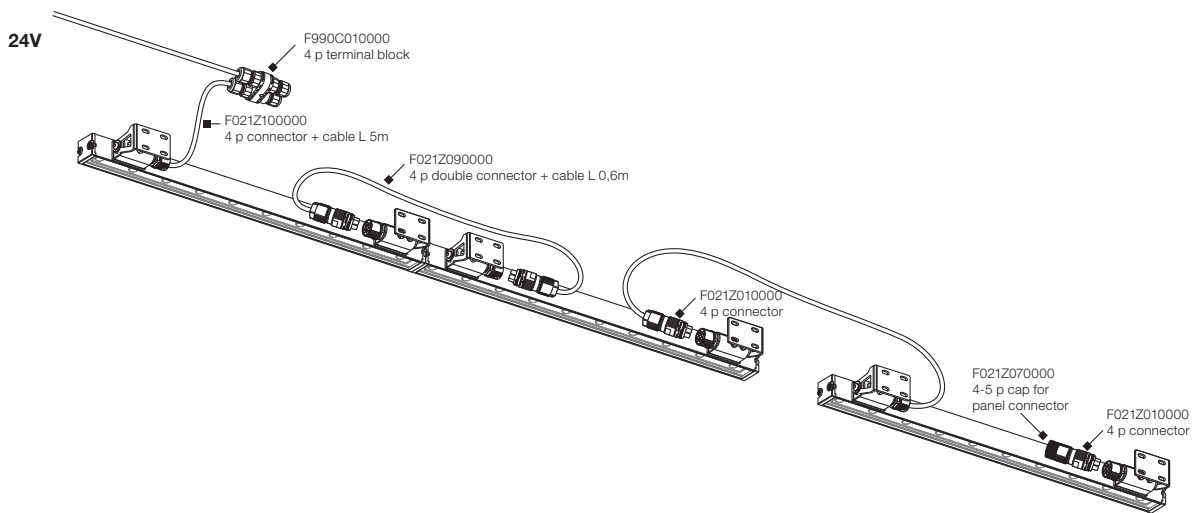
**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



For Easy Tunable White versions

Schaltplan Nr.14 / Wiring diagram n.14

**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



# A-Round

Designed by Piero Lissoni





**Ausführungen / Colours**

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**A-Round**



15 Satiniertes Kupfer  
15 Satin Copper



46 Satiniertes Bronze  
46 Satin Bronze



44 Satiniertes Gold  
44 Satin Gold



56 Satiniertes Stah  
56 Satin Steel

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.

Verwenden Sie ein Anschlussystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte muss vorsichtig vorgegangen werden, damit Beschädigungen an der Lackierung vermieden werden.

Beschädigungen an der Beschichtung, die Freibewitterung oder Wasser ausgesetzt ist, könnten zu Korrosion führen.

Chemische Substanzen beschädigen die Korrosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen bei LED-Vorrichtungen auf elektrische Einwirkungen zurückzuführen sind, die die Isolierung betreffen, wobei es zu zerstörenden elektrischen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der Anlage/Geräte.
- Überspannung aufgrund von elektrostatischer Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzeinrichtung gegen Überspannung an der elektrischen Anlage ist sehr zu empfehlen, um die Intensität einiger dieser Phänomene zu reduzieren und irreversible Schäden an den Geräten zu verhindern. Die Auswahl der geeigneten Vorrichtung muss in Übereinstimmung mit der elektrischen Anlage erfolgen.

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.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

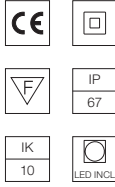
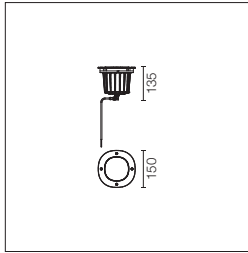
The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

# A-Round 150

**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



Stromquelle 110/240V integriert.  
Das erforderliche Einbaugeschäube ist separat zu bestellen. Dimmbare Version auf Anfrage.  
Einstellung auf der horizontalen Achse: max. 15°. Drehung um die vertikale Achse: max. 359°.

Integrated 110/240V power supply.  
Box for installation required, to be ordered separately. Dimmable version on request.  
Adjustment on the horizontal axis: max 15°. Rotation around the vertical axis: max 359°.

## 2700K

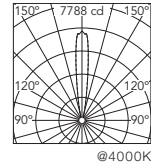
- F4570015
- F4570046
- F4570044
- F4570056

## 3000K

- F4573015
- F4573046
- F4573044
- F4573056

## 4000K

- F4576015
- F4576046
- F4576044
- F4576056



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

## 2700K

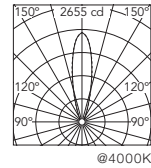
- F4571015
- F4571046
- F4571044
- F4571056

## 3000K

- F4574015
- F4574046
- F4574044
- F4574056

## 4000K

- F4577015
- F4577046
- F4577044
- F4577056



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

## 2700K

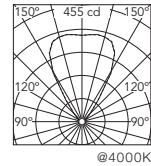
- F4572015
- F4572046
- F4572044
- F4572056

## 3000K

- F4575015
- F4575046
- F4575044
- F4575056

## 4000K

- F4578015
- F4578046
- F4578044
- F4578056

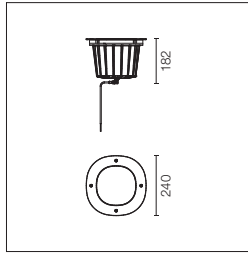


Beam Angle: 64°

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

# A-Round 240

**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



Stromquelle 220/240V integriert.  
 Das erforderliche Einbaugehäuse ist separat zu bestellen.  
 Einstellung auf der horizontalen Achse: max. 15°. Drehung um die vertikale Achse: max. 359°.

Integrated 220/240V power supply.  
 Box for installation required, to be ordered separately.  
 Adjustment on the horizontal axis: max 15°. Rotation around the vertical axis: max 359°.

## 2700K

Non Dimmable

- F4579015
- F4579046
- F4579044
- F4579056
- 1-10V
- F4579015-310
- F4579046-310
- F4579044-310
- F4579056-310
- Dali
- F4579015-300
- F4579046-300
- F4579044-300
- F4579056-300

## 3000K

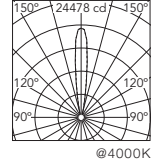
Non Dimmable

- F4582015
- F4582046
- F4582044
- F4582056
- 1-10V
- F4582015-310
- F4582046-310
- F4582044-310
- F4582056-310
- Dali
- F4582015-300
- F4582046-300
- F4582044-300
- F4582056-300

## 4000K

Non Dimmable

- F4585015
- F4585046
- F4585044
- F4585056
- 1-10V
- F4585015-310
- F4585046-310
- F4585044-310
- F4585056-310
- Dali
- F4585015-300
- F4585046-300
- F4585044-300
- F4585056-300



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	24478	0.25
2	6120	0.50
3	2720	0.75
4	1530	1.00
5	979	1.25

## 2700K

Non Dimmable

- F4580015
- F4580046
- F4580044
- F4580056
- 1-10V
- F4580015-310
- F4580046-310
- F4580044-310
- F4580056-310
- Dali
- F4580015-300
- F4580046-300
- F4580044-300
- F4580056-300

## 3000K

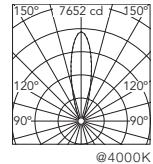
Non Dimmable

- F4583015
- F4583046
- F4583044
- F4583056
- 1-10V
- F4583015-310
- F4583046-310
- F4583044-310
- F4583056-310
- Dali
- F4583015-300
- F4583046-300
- F4583044-300
- F4583056-300

## 4000K

Non Dimmable

- F4586015
- F4586046
- F4586044
- F4586056
- 1-10V
- F4586015-310
- F4586046-310
- F4586044-310
- F4586056-310
- Dali
- F4586015-300
- F4586046-300
- F4586044-300
- F4586056-300



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	7652	0.45
2	1913	0.90
3	850	1.35
4	478	1.80
5	306	2.25

## 2700K

Non Dimmable

- F4581015
- F4581046
- F4581044
- F4581056
- 1-10V
- F4581015-310
- F4581046-310
- F4581044-310
- F4581056-310
- Dali
- F4581015-300
- F4581046-300
- F4581044-300
- F4581056-300

## 3000K

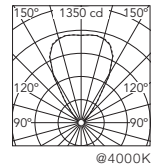
Non Dimmable

- F4584015
- F4584046
- F4584044
- F4584056
- 1-10V
- F4584015-310
- F4584046-310
- F4584044-310
- F4584056-310
- Dali
- F4584015-300
- F4584046-300
- F4584044-300
- F4584056-300

## 4000K

Non Dimmable

- F4587015
- F4587046
- F4587044
- F4587056
- 1-10V
- F4587015-310
- F4587046-310
- F4587044-310
- F4587056-310
- Dali
- F4587015-300
- F4587046-300
- F4587044-300
- F4587056-300



Beam Angle: 64°

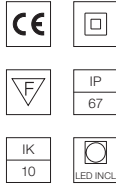
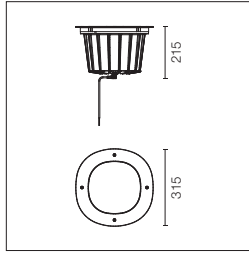
h(m)	E(lx)	D(m)
1	1350	1.25
2	338	2.49
3	150	3.74
4	84	4.98
5	54	6.23

# A-Round 315

**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



Stromquelle 220/240V integriert.  
Das erforderliche Einbaugehäuse ist separat zu bestellen.  
Einstellung auf der horizontalen Achse: max. 15°. Drehung um die vertikale Achse: max. 359°.

Integrated 220/240V power supply.  
Box for installation required, to be ordered separately.  
Adjustment on the horizontal axis: max 15°. Rotation around the vertical axis: max 359°.

## 2700K

Non Dimmable

- F4588015
- F4588046
- F4588044
- F4588056
- 1-10V
- F4588015-310
- F4588046-310
- F4588044-310
- F4588056-310
- Dali
- F4588015-300
- F4588046-300
- F4588044-300
- F4588056-300

## 3000K

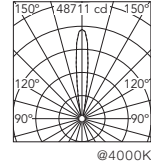
Non Dimmable

- F4591015
- F4591046
- F4591044
- F4591056
- 1-10V
- F4591015-310
- F4591046-310
- F4591044-310
- F4591056-310
- Dali
- F4591015-300
- F4591046-300
- F4591044-300
- F4591056-300

## 4000K

Non Dimmable

- F4594015
- F4594046
- F4594044
- F4594056
- 1-10V
- F4594015-310
- F4594046-310
- F4594044-310
- F4594056-310
- Dali
- F4594015-300
- F4594046-300
- F4594044-300
- F4594056-300



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

## 2700K

Non Dimmable

- F4589015
- F4589046
- F4589044
- F4589056
- 1-10V
- F4589015-310
- F4589046-310
- F4589044-310
- F4589056-310
- Dali
- F4589015-300
- F4589046-300
- F4589044-300
- F4589056-300

## 3000K

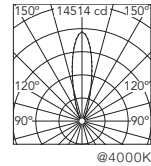
Non Dimmable

- F4592015
- F4592046
- F4592044
- F4592056
- 1-10V
- F4592015-310
- F4592046-310
- F4592044-310
- F4592056-310
- Dali
- F4592015-300
- F4592046-300
- F4592044-300
- F4592056-300

## 4000K

Non Dimmable

- F4595015
- F4595046
- F4595044
- F4595056
- 1-10V
- F4595015-310
- F4595046-310
- F4595044-310
- F4595056-310
- Dali
- F4595015-300
- F4595046-300
- F4595044-300
- F4595056-300



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

## 2700K

Non Dimmable

- F4590015
- F4590046
- F4590044
- F4590056
- 1-10V
- F4590015-310
- F4590046-310
- F4590044-310
- F4590056-310
- Dali
- F4590015-300
- F4590046-300
- F4590044-300
- F4590056-300

## 3000K

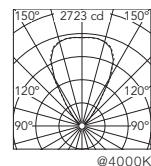
Non Dimmable

- F4593015
- F4593046
- F4593044
- F4593056
- 1-10V
- F4593015-310
- F4593046-310
- F4593044-310
- F4593056-310
- Dali
- F4593015-300
- F4593046-300
- F4593044-300
- F4593056-300

## 4000K

Non Dimmable




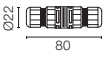


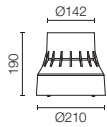

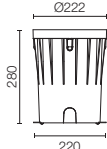

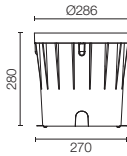

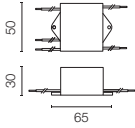
- F4596015
- F4596046
- F4596044
- F4596056
- 1-10V
- F4596015-310
- F4596046-310
- F4596044-310
- F4596056-310
- Dali
- F4596015-300
- F4596046-300
- F4596044-300
- F4596056-300

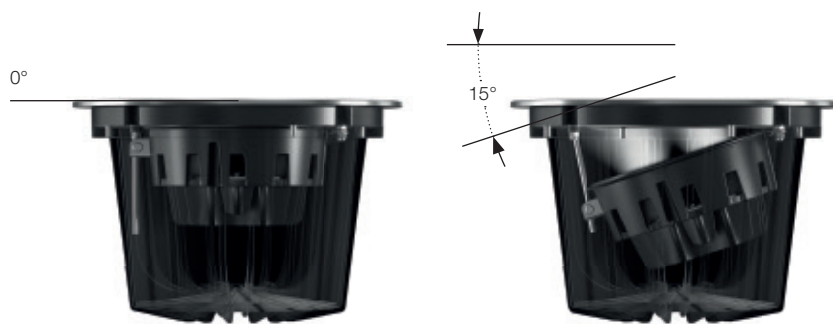


Beam Angle: 64°

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

## Zubehörteile / Accessories

Honeycomb.	Honeycomb.	A-Round 150 1 Unit Kit F4555000		
		A-Round 240 4 Units Kit F4556000		
		A-Round 315 6 Units Kit F4557000		
Floodlinse.	Flood lens.	A-Round 150 1 Unit Kit F4558000		
		A-Round 240 4 Units Kit F4559000		
		A-Round 315 6 Units Kit F4560000		
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		
Einbaugehäuse.	Box for installation.	A-Round 150 F4597000		
Einbaugehäuse.	Box for installation.	A-Round 240 F4598000		
Einbaugehäuse.	Box for installation.	A-Round 315 F4599000		
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		



Einstellung auf der horizontalen Achse: max. 15° / Adjustment on the horizontal axis: max 15°



Drehung um die vertikale Achse: max. 359° / Rotation around the vertical axis: max 359°

# Fenestra

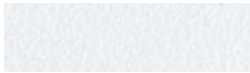




**Ausführungen / Colours**

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**Fenestra**



01 Weiss  
01 White



06 Grau  
06 Grey



33 Anthrazit  
33 Anthracite



30 Schwarz  
30 Black



18 Deep Brown  
18 Deep Brown



12 Forest Green  
12 Forest Green

Gerät für den Außenbereich, kann im Fenster-  
raum installiert werden, mit LED-Stromquelle.  
Aus druckgegossenem, kupferarmem Alumi-  
um EN AB-47100 gefertigter Gerätekörper.  
Beschichtung mit hoher Beständigkeit: Nach  
einer Sandstrahlungsbehandlung aller Be-  
standteile, 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 chemi-  
sche und mechanische Widerstandsfähigkeit,  
die zweite Pulverschicht 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 Konversi-  
on unterzogen, um den Oxydationsschutz zu  
gewährleisten.

Dank der Verwendung einer doppelten  
LED-Quelle und zweier Linsen mit Lamelle-  
nmission wird eine Abdeckung von 270° mit  
homogener Verteilung und optimaler chromati-  
scher Einheitlichkeit garantiert.

Diffusor aus Polycarbonat, UV-beständig,  
Silikon-Dichtung.

Jedes Gerät ist mit einem mechanischen Ein-  
stellsystem ausgestattet, um die Neigung der  
Fensterbänke zu kompensieren und die korrek-  
te Ausrichtung des Lichtstrahls zu ermöglichen.

Verwenden Sie ein Anschlusssystem mit einem  
Schutzgrad, der gleich oder höher als der  
Schutzgrad des Geräts ist.

Bei der Installation und der Wartung der Geräte  
muss vorsichtig vorgegangen werden, damit  
Beschädigungen an der Lackierung vermieden  
werden.

Beschädigungen an der Beschichtung, die  
Freibewitterung oder Wasser ausgesetzt ist,  
können zu Korrosion führen.

Chemische Substanzen beschädigen die Kor-  
rosionsschutzbeschichtung.

Es ist bewiesen, dass viele Beschädigungen  
bei LED-Vorrichtungen auf elektrische Einwir-  
kungen zurückzuführen sind, die die Isolierung  
betreffen, wobei es zu zerstörenden elektri-  
schen Entladungen kommt.

Diese Effekte werden häufig verursacht durch:

- Überspannung im Versorgungsnetz der  
Anlage/Geräte.
- Überspannung aufgrund von elektrostati-  
scher Entladung (ESD) aus der Umwelt.

Die Verwendung einer Schutzvorrichtung ge-  
gen Überspannung an der elektrischen Anlage  
ist sehr zu empfehlen, um die Intensität einiger  
dieser Phänomene zu reduzieren und irrever-  
sible Schäden an den Geräten zu verhindern.  
Die Auswahl der geeigneten Vorrichtung muss  
in Übereinstimmung mit der elektrischen An-  
lage erfolgen.

Luminaire for outdoor use for installation in a win-  
dow 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 resist-  
ance to UV rays and atmospheric agents.

The painted surfaces are treated with alkaline and  
acidic washes, then rinsed with demineralized wa-  
ter, 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 ad-  
justment system to compensate for the inclination of  
the sills, and to allow the correct orientation of the  
luminous beam.

We recommend using a connection system with  
a degree of protection greater than or equal to the  
degree of protection of the luminaire.

During the installation and the maintenance of  
the fixtures it is important to be careful and avoid  
damages on the paint coating.

Damages on the coating exposed to outdoor condi-  
tions or water, could cause corrosion.

Chemical substances affect the anticorrosion cover-  
ing protection.

For LED fixtures, there is evidence that most of the  
damages are connected to electrical effects related  
to the insulations, which cause destructive electrical  
discharges

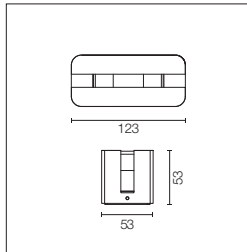
These effects are frequently caused by:

- over voltage coming from the mains' network  
where fixture is connected.
- electrostatic discharge (ESD) coming from the  
environment.

The use of a protective device against the overvol-  
tage on the electrical installation is warmly suggest  
this helps to reduce the intensity of some of these  
phenomenon and prevent irreversible damages.  
The selection of the type of device to be used must  
be adjust on the electrical plant.

## Fenestra 24V

**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



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 lenght outgoing neoprene cable.

### 2700K

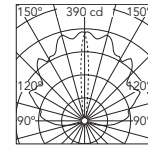
- F2250001
- F2250006
- F2250033
- F2250030
- F2250018
- F2250012

### 3000K

- F2251001
- F2251006
- F2251033
- F2251030
- F2251018
- F2251012

### 4000K

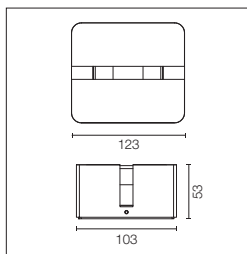
- F2252001
- F2252006
- F2252033
- F2252030
- F2252018
- F2252012



Beam Angle: 10°

## Fenestra

**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



Stromquelle 100/240 V integriert. Mit einem 1000-mm-Ausgangskabelteil aus Neopren ausgestattet. Dimmbare Version auf Anfrage.

Integrated 100/240V power supply. Equipped with an 1000 mm lenght outgoing neoprene cable. Dimmable version on request.

### 2700K

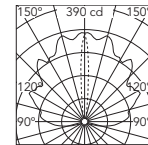
- F2260001
- F2260006
- F2260033
- F2260030
- F2260018
- F2260012

### 3000K

- F2261001
- F2261006
- F2261033
- F2261030
- F2261018
- F2261012

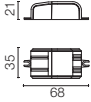

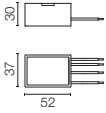
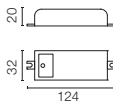
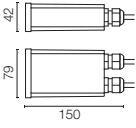

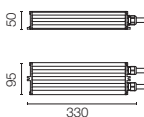

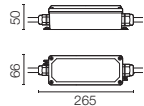

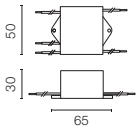
### 4000K

- F2262001
- F2262006
- F2262033
- F2262030
- F2262018
- F2262012



Beam Angle: 10°

## Fenestra 24V: Zubehörteile / Accessories

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 50W / 120-240V IP67 Klasse II selv.	Power supply 24Vdc 50W / 120-240V IP67 Class II selv.	RF25755		
Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv.	Power supply 24Vdc 70W / 220-240V IP67 Class II selv.	RF25749		
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		

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



Geräte zur Montage an oder in normal entflammaren Flächen geeignet.

Luminaire with builtin power packs or transformers, suitable for mounting directly onto normally inflammable surfaces.



Mindestentfernung zu dem zu beleuchtenden Objekt.

Minimum distance from illuminated objects.

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.

Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference	Page	Reference
60	F001A21A001	60	F001B21A030	61	F001C22A012	62	F001D22A001	62	F001D33B030	63	F001E22A012
60	F001A21A006	60	F001B21A033	61	F001C22A018	62	F001D22A006	62	F001D33B033	63	F001E22A018
60	F001A21A012	60	F001B21B001	61	F001C22A030	62	F001D22A012	62	F001D41A001	63	F001E22A030
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145	F021B2KD001	146	F021B33D030	136	F021B3AA012	141	F021B3GA001	143	F021B3MA030	138	F021B46A012
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148	F021C38D001	141	F021C3GA030	138	F021C42A012	146	F021C47D033	145	F021C4FD018	149	F021C4MD006
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154	F021G3KD018	153	F021G4MA006	153	F021H3MA033	155	F021J2MD018	154	F021J4LD006	156	F021LTMD033
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166	F4577015	167	F4583015-310	168	F4588015	168	F4592056-300	96	F5961044	20	RF25755
166	F4577044	167	F4583044	168	F4588015-300	168	F4592056-310	96	F5961046	89	RF25756
166	F4577046	167	F4583044-300	168	F4588015-310	168	F4593015	96	F5961056	20	RF25757
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