


Made in Italy

 **Bright Mini 1.0, code: MB10000DI**  
Recessed for outdoor applications

19/05/2024 Rev. 34



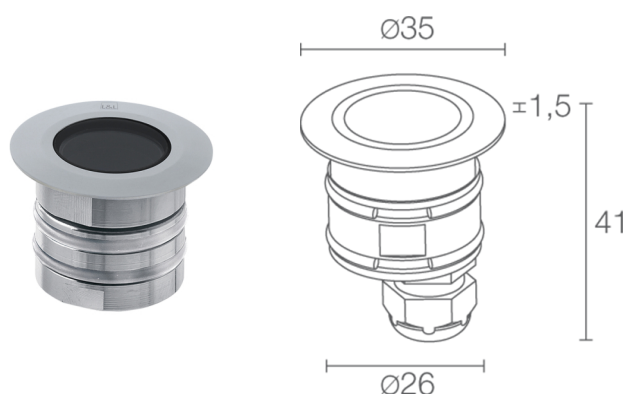



 on request
 



 kg 0,145
 IP65 IP68 IK10
 


**CASAMBI**  



## DESCRIPTION

recessed for outdoor applications (not suitable for use in swimming pools or fountains); walkover; recessed (ceiling, wall, floor), thickness: min 3 mm, max 30 mm; Power consumption: 1,2W; Power supply: 24Vdc; Lumen output at source: 23 lm (3000K, 12Vdc), 41 lm (3000K, 24Vdc); Delivered lumen output: 11 lm (3000K, 12Vdc), 20 lm (3000K, 24Vdc); 1 mid-power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 5000K; Optics: diffuse; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; RAL finish on request; Screen material: screen in tempered, acid-etched glass; Thickness of installation surface: min 5 mm, max 25 mm; power supply unit not included; includes 1.50 m neoprene cable, 05RN-F 2x0.35 Ø4.3 mm; Ingress protection: IP65, IP68; Impact resistance: IK10; The lighting fixture can also be powered by 12Vdc (0.6W) and 12Vac (0.5W) Casambi control using the Casambi app with dedicated electronics; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; Operating temperature: -20°C — +45°C; Maximum device temperature: 45°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 145 g; Dimensions: Ø35x41 mm; Cutout dimensions: Ø30 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0202 Outer casing, WF0510 Neoprene cable 05RN-F 2x0,35 Ø4,3 mm, WG0302 Retaining spring clip Ø30mm; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

## ELECTRICAL CHARACTERISTICS

Power consumption	1,2W
Power supply	24Vdc
Power supply unit	power supply unit not included

## LIGHTING CHARACTERISTICS

Number and type of LED	1 mid-power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	5000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	diffuse
Lumen output at source	23 lm (3000K, 12Vdc), 41 lm (3000K, 24Vdc)
Delivered lumen output	11 lm (3000K, 12Vdc), 20 lm (3000K, 24Vdc)

## MECHANICAL CHARACTERISTICS

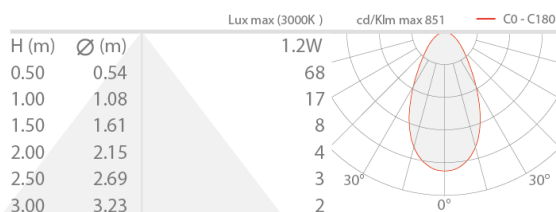
Dimensions	Ø35x41 mm
Weight	145 g
Mounting	with fixing springs or outer casing
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in tempered, acid-etched glass
Cutout dimensions	Ø30 mm
Volume of thermal heatsink	Ø80x100 mm

## GENERAL CHARACTERISTICS

Ingress protection	IP65, IP68
Operating temperature	-20°C — +45°C
Impact resistance	IK10
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Glow wire test	960°
Maximum device temperature	45°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	no
Power cables	includes 1.50 m neoprene cable, 05RN-F 2x0.35 Ø4.3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	The lighting fixture can also be powered by 12Vdc (0.6W) and 12Vac (0.5W) Casambi control using the Casambi app with dedicated electronics

## PHOTOMETRIC DATA

### D – Diffuse



## ACCESSORIES

### Installation Accessories



**WC0202**  
Outer casing



**WG0302**  
Retaining spring clip Ø30mm

### Other

#### WF0510

Neoprene cable 05RN-F 2x0,35 Ø4,3 mm  
your choice of length  
Order together with the lighting fixture.

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.