













Made in Italy

 **Bright 1.0**, code: CB1012FLAI  
Recessed for outdoor applications

23/11/2024 Rev. 39







 on request
 


 kg 0,20
 IP65 IP68 IK10
 


 T max 50°C
  F



## DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); walkover; recessed (ceiling, wall, floor); Power consumption: max 2W; Power supply: max 500mA; Lumen output at source: 195 lm (3000K, 500mA); Delivered lumen output: 127 lm (3000K, 500mA, 21°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 43°; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; RAL finish on request; Screen material: screen in tempered, transparent extra-clear glass; Thickness of installation surface: min 5 mm, max 30 mm; power supply unit not included; Wiring: series; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Control system: dimming via dimmable driver; Ingress protection: IP65, IP68; Impact resistance: IK10; version with LED colour 2200K available on request; 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: 50°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 200 g; Dimensions: Ø35x52 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, WE0500A Semi-diffusing screen, half transparent and half frosted, WE0500S Anti-glare screen, half transparent and half serigraphed black, WG0301 Retaining spring clip Ø30mm, WH0101 Honeycomb louvre; 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	max 2W
Power supply	max 500mA
Power supply unit	power supply unit not included
Control system	dimming via dimmable driver
Wiring	series

### LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	60 000h L90 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	43°
Lumen output at source	195 lm (3000K, 500mA)
Delivered lumen output	127 lm (3000K, 500mA, 21°)

### MECHANICAL CHARACTERISTICS

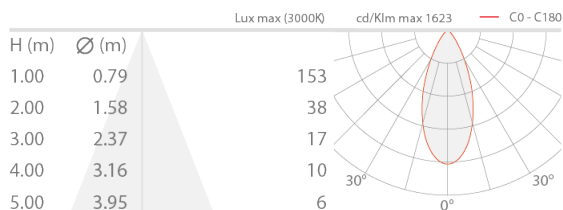
Dimensions	Ø35x52 mm
Weight	200 g
Mounting	with fixing springs or outer casing
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in transparent, tempered extra-clear glass
Cutout dimensions	Ø30 mm
Volume of thermal heatsink	Ø80x100 mm

### 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	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	no
Power cables	includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	in accordance with IEC TR 62778:2014
Notes	version with LED colour 2200K available on request; Casambi control using the Casambi app with dedicated electronics

## PHOTOMETRIC DATA

L - 43°



## ACCESSORIES

### Installation Accessories



**WC0202**  
Outer casing



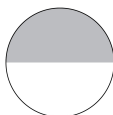
**WG0301**  
Retaining spring clip Ø30mm

### Anti-glare



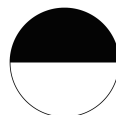
**WH0101**  
Honeycomb louvre  
built into the lighting fixture  
The Honeycomb louvre can be fitted on all fixed optics except for diffuse and sharp optics  
Order together with the lighting fixture

### Optical Accessories



**WE0500A**  
Semi-diffusing screen, half transparent and half frosted  
built into the lighting fixture  
Optics 10°, 21°, 43°

Order together with the lighting fixture



**WE0500S**  
Anti-glare screen, half transparent and half serigraphed black  
built into the lighting fixture  
Optics 10°, 21°, 43°

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.