













Made in Italy

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

18/07/2024 Rev. 37







 on request
 


 kg 0,20
 IP65 IP68 IK10
 


 T max 50°C
  A1 G 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

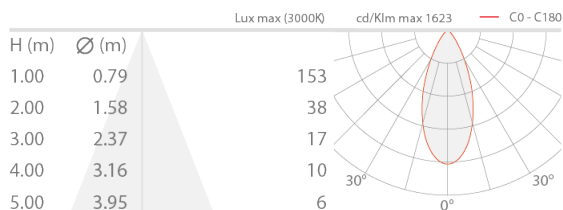
|                            |   |
|----------------------------|---|
| Dimensions                 | Ø35x52 mm   |
| Weight                     | 200 g   |
| Mounting                   | with fixing springs or outer casing               |
| Body material              | body and trim in AISI 316L stainless 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



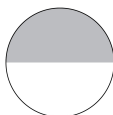
**WG0301**  
Retaining spring clip Ø30mm

### Anti-glare



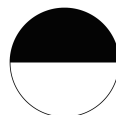
**WH0101**  
Honeycomb louvre  
built into the lighting fixture  
The Honeycomb louvre can be fitted on all fixed optics except for diffuse and sharp optics  
Order together with the lighting fixture

### 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

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