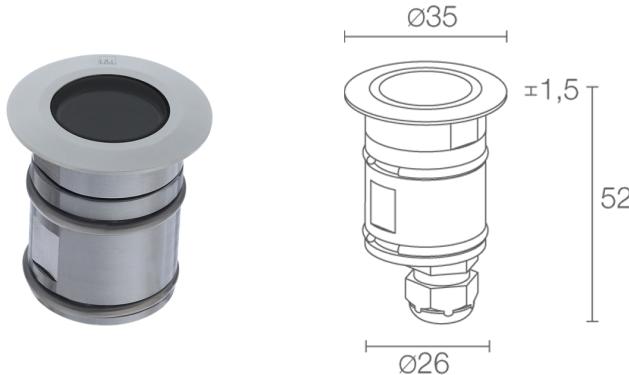


Made in Italy

Bright 1.6, code: CB16005DI
 Recessed for outdoor applications

06/02/2026 Rev. 15/2024

on request kg 500 - kN 5 kg 0,20 IP65 IP68 IK10



DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); walkover up to 500 kg; recessed (ceiling, wall, floor); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 195 lm (3000K); Delivered lumen output: 127 lm (3000K, 21°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: diffuse; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; Finishes: die-cast body painted with an initial treatment of a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1500 hours of salt spray. Paints compliant with the Qualicoat standard (automotive standard); RAL finish on request; Screen material: screen in tempered, acid-etched glass; Thickness of installation surface: min 5 mm, max 30 mm; power supply unit not included; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP65, IP68; Impact resistance: IK10; 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°C; 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, WG0301 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 | 2W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |

LIGHTING CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

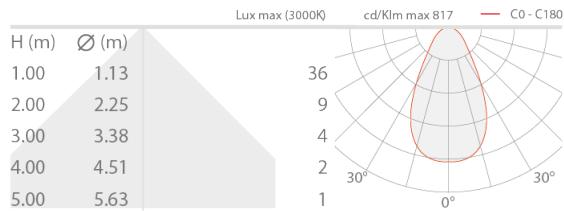
| | |
|----------------------------|--|
| Dimensions | Ø35x52 mm |
| Weight | 200 g |
| Finishes | stainless steel |
| Mounting | with fixing springs or outer casing |
| Body material | body and trim in AISI 316L stainless steel |
| Screen material | screen in tempered, acid-etched glass |
| Cutout dimensions | 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°C |
| Maximum device temperature | 50°C (Ta 25°C) |
| Appliance class | class III |
| Drive-over | no |
| Walkover | up to 500 kg |
| 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 | Casambi control using the Casambi app with dedicated electronics |

PHOTOMETRIC DATA

D – Diffuse / Diffuso



ACCESSORIES

Installation Accessories



WC0202
Outer casing



WG0301
Retaining spring clip Ø30mm

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