

Made in Italy



Bright 5.G, code: CB5G00000050SI

Recessed for outdoor applications

CE UK CA CB EAC LED TECH III kg 4000 - kN 40 1,65 kg IP65 IP67 IP69 IK09 IPS

T max 50°C A F



DESCRIPTION

recessed for outdoor applications; drive-over up to 4000 kg; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 1033 lm (3000K, 10W, CRI 80); Delivered lumen output: 816 lm (3000K, 10W, 55°, CRI 80); 1 high power density COB LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 12° tiltable $\pm 10^\circ$; $\pm 10^\circ$ -tiltable optical system consisting of a high-efficiency TIR lens combined with a high-quality technical filter; CRI Colour Rendering Index: 80; Body material: body made of ANTICORODAL 6082 aluminium alloy, made entirely on a CNC lathe and then electro-coloured black. Trim in AISI 316L stainless steel, made with a CNC lathe; Screen material: 10-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light, serigraphed grey and tempered for excellent resistance to knocks and scratches; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Thickness of installation surface: min 5 mm, max 25 mm; power supply unit not included; includes 1.50 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP67, IP69; Impact resistance: IK09; the pad-printed graduations on the body enable the light beam to be tilted by $\pm 10^\circ$; 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: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 1650 g; Dimensions: Ø148x107 mm; Cutout dimensions: Ø125 mm; Volume of thermal heatsink: Ø260x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0601 Outer casing, WC0701 Outer casing, WG0200 Retaining spring clip Ø130mm; 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 | 10W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |

LIGHTING CHARACTERISTICS

| | |
|----------------------------|----------------------------------|
| Number and type of LED | 1 high power density COB LED |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 3-step MacAdam |
| Optics | 12° tiltable ±10° |
| Lumen output at source | 1033 lm (3000K, 10W, CRI 80) |
| Delivered lumen output | 816 lm (3000K, 10W, 55°, CRI 80) |

MECHANICAL CHARACTERISTICS

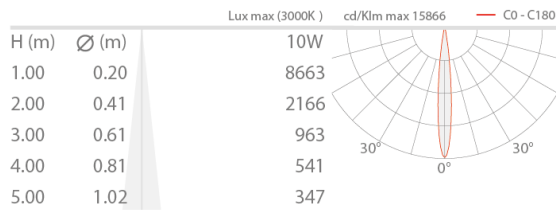
| | |
|----------------------------|---|
| Dimensions | Ø148x107 mm |
| Weight | 1650 g |
| Mounting | with outer casing |
| Body material | body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel |
| Screen material | screen in serigraphed-grey and transparent, tempered extra-clear glass |
| Cutout dimensions | Ø125 mm |
| Volume of thermal heatsink | Ø260x150 mm |

GENERAL CHARACTERISTICS

| | |
|----------------------------|--|
| Ingress protection | IP65, IP67, IP69 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK09 |
| 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 |
| Walkover | yes |
| Drive-over | up to 4000 kg |
| Power cables | includes 1.50 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm |
| Protection systems | IPS (Intelligent Protection System) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | the pad-printed graduations on the body enable the light beam to be tilted by ±10°; Casambi control using the Casambi app with dedicated electronics |

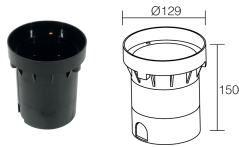
PHOTOMETRIC DATA

S - 12° CRI 80

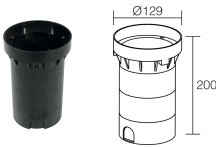


ACCESSORIES

Installation Accessories



WC0601
Outer casing



WC0701
Outer casing



WG0200
Retaining spring clip Ø130mm

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