



Made in Italy



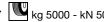
Bright 3.G, code: CB3G00000050SI

Recessed for outdoor applications



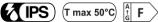






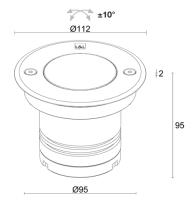












### **DESCRIPTION**

recessed for outdoor applications; drive-over up to 5000 kg; recessed (ceiling, wall, floor); Power consumption: 5W; Power supply: 24Vdc; Lumen output at source: 440 lm (3000K, 5W, CRI 80); Delivered lumen output: 282 lm (3000K, 5W, 35°, CRI 80); 1 power LED High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 12° tiltable ±10°: ±10°-tiltable optical system consisting of a high-efficiency TIR lens; 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 0 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: IK10; 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; 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: 950 g; Dimensions: Ø112x95 mm; Cutout dimensions: Ø96 mm; Volume of thermal heatsink: Ø220x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0105 Outer casing, WG0400 Retaining spring clip Ø100mm; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

# DATASHEET TECHNICAL DATA



| ELECTRICAL CHARACTERISTICS |  |
|----------------------------|--|
| Power consumption          | 5W   |
| Power supply               | 24Vdc  |
| Power supply unit          | power supply unit not included   |
| LIGHTING CHARACTERISTICS   |  |
| Number and type of LED     | 1 power LED High Intensity   |
| 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     | 440 lm (3000K, 5W, CRI 80)   |
| Delivered lumen output     | 282 lm (3000K, 5W, 35°, CRI 80)  |
| MECHANICAL CHARACTERISTICS |  |
| Dimensions                 | Ø112x95 mm   |
| Weight                     | 950 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          | Ø96 mm   |
| Volume of thermal heatsink | Ø220x150 mm  |
| GENERAL CHARACTERISTICS    |  |
| Ingress protection         | IP65, IP67, IP69   |
| 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  |
| Walkover                   | yes  |
| Drive-over                 | up to 5000 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

|       |       | Lux max (3000K ) cd/Klm max 12450 — C0 - C180 |
|-------|-------|---|
| H (m) | Ø (m) | 5W  |
| 1.00  | 0.21  | 3498  |
| 2.00  | 0.42  | 875   |
| 3.00  | 0.63  | 389   |
| 4.00  | 0.84  | 219 300                                       |
| 5.00  | 1.06  | 140 0°  |

## **ACCESSORIES**

## Installation Accessories









WG0400 Retaining spring clip Ø100mm

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