Made in Italy

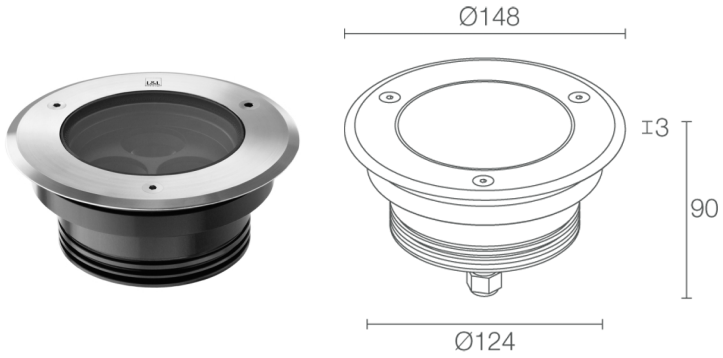
04/04/2025 Rev. 12/2024

## Bright 5.F, code: CB5F000000F0VI

Recessed for outdoor applications

kg 4000 - kN 40 1,35 kg IP65 IP68 IP69 IK10

PID NTC T max 40°C F




### DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); drive-over up to 4000 kg; recessed (ceiling, wall, floor); Power consumption: 14W; Power supply: 24Vdc; Lumen output at source: 1131 lm (3000K, 14W, CRI 80); Delivered lumen output: 821 lm (3000K, 12°, 14W, CRI 80); 3 high-intensity power LEDs, 3-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 2700K; Optics: 10°: optical system consisting of 3 high-efficiency TIR lenses 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, IP68, IP69; Impact resistance: IK10; 67°x11° optics adjustable through 360° using the magnet provided; 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; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; This is an NTC thermistor mounted on the LED board to protect the lighting fixture against overheating. Should the product function at an operating temperature greater than the maximum temperature at which it can operate correctly, the protection is activated and gradually reduces the power. The NTC causes the integrated electronic parts to cool down to avoid the lighting fixture instantly switching itself off. When the operating temperature is again within normal range, the NTC automatically restores the lighting fixture's original operating conditions; Operating temperature: -20°C — +45°C; Maximum device temperature: 40°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: 1350 g; Dimensions: Ø148x90 mm; Cutout dimensions: Ø125 mm; Volume of thermal heatsink: Ø260x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0501 Outer casing, WC0601 Outer casing, WC0701 Outer casing, WE0201 Magnet for adjustable optics and zoom lens, 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

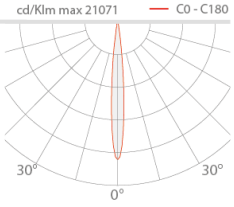
Status: Available

| | |
|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 14W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |
| **LIGHTING CHARACTERISTICS** | |
| Number and type of LED | 3 high-intensity power LEDs |
| Average LED life | 50 000h L95 B10 (Ta 25°C) |
| LED colour | 2700K |
| CRI Colour Rendering Index | 80 |
| Binning | 3-step MacAdam |
| Optics | 10° |
| Lumen output at source | 1131 lm (3000K, 14W, CRI 80) |
| Delivered lumen output | 821 lm (3000K, 12°, 14W, CRI 80) |
| **MECHANICAL CHARACTERISTICS** | |
| Dimensions | Ø148x90 mm |
| Weight | 1350 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, IP68, IP69 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK10 |
| Features | 67°x11° optics adjustable through 360° using the magnet provided |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 960°C |
| Maximum device temperature | 40°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); PID (Protective Impedance Device); NTC (thermistor mounted on LED board) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | Casambi control using the Casambi app with dedicated electronics |

## PHOTOMETRIC DATA

V - 10° CRI 80

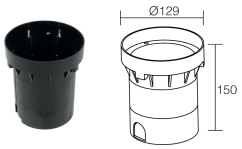
| H (m) | ∅ (m) | Lux max (3000K ) 14W | cd/Klm max 21071 4014 |
|---|---|---|---|
| 2.00 | 0.36 | 4014 | |
| 4.00 | 0.71 | 1003 | |
| 6.00 | 1.07 | 446 | |
| 8.00 | 1.43 | 251 | |
| 10.00 | 1.78 | 161 | |




## ACCESSORIES

### Installation Accessories


WC0501
Outer casing




WC0601
Outer casing


WC0701
Outer casing

WG0200
Retaining spring clip Ø130mm

### Other

WE0201
Magnet for adjustable optics and zoom lens