Made in Italy

16/11/2026 Rev. 13/2024

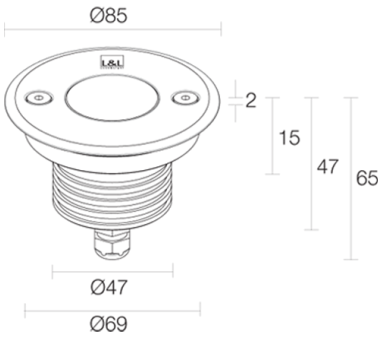
## Bright 2.4 inox, code: CB240105WII

Recessed for outdoor applications

kg 2000 - kN 20 kg 0,44 (Al) | kg 0,33 (A) IP65 IP68 IP69

IK10 IPS PID T max 55°C F






### DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); drive-over up to 2000 kg; recessed (ceiling, wall, floor); Power consumption: 7W; Power supply: 24Vdc; Lumen output at source: 657 lm (3000K, 7W, CRI 80); Delivered lumen output: 463 lm (3000K, 34°, 7W, CRI 80); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 13°x52°; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; Finishes: stainless steel; Body: stainless steel; Screen material: screen in tempered, transparent extra-clear glass; Thickness of installation surface: min 0 mm, max 25 mm; power supply unit not included; includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP68, IP69; Impact resistance: IK10; version with 5° optics (with white LED colour and 3,5W power) available on request; version with 9W power (with white LED colour) available on request; 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; Operating temperature: -20°C — +45°C; Maximum device temperature: 55°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: stainless steel trim: 440 g, aluminium trim: 330 g; Dimensions: Ø85x63 mm; Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø 180 mm, H 120 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400A Semi-diffusing screen, half transparent and half frosted, WE0400S Anti-glare screen, half transparent and half serigraphed black, WG0100 Retaining spring clip for installation on plasterboard Ø70mm, WH0201 Honeycomb louvre ; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

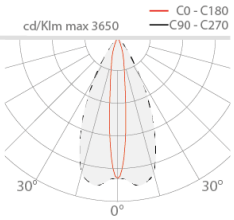
Status: Available

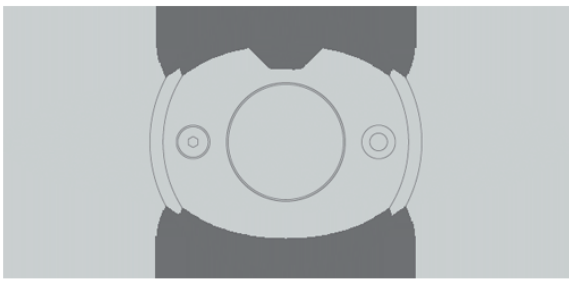
| | |
|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 7W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |
| **LIGHTING CHARACTERISTICS** | |
| Number and type of LED | 1 high-intensity power LED |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 3-step MacAdam |
| Optics | 13°x52° |
| Lumen output at source | 657 lm (3000K, 7W, CRI 80) |
| Delivered lumen output | 463 lm (3000K, 34°, 7W, CRI 80) |
| **MECHANICAL CHARACTERISTICS** | |
| Dimensions | Ø85x63 mm |
| Weight | stainless steel trim: 440 g, aluminium trim: 330 g |
| Finishes | stainless steel |
| Body | stainless steel |
| 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 | Ø70 mm |
| Volume of thermal heatsink | Ø 180 mm, H 120 mm |
| **GENERAL CHARACTERISTICS** | |
| Ingress protection | IP65, IP68, 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 | 55°C (Ta 25°C) |
| Appliance class | class III |
| Walkover | yes |
| Drive-over | up to 2000 kg |
| Power cables | includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm |
| Protection systems | IPS (Intelligent Protection System); PID (Protective Impedance Device) |
| Photobiological safety | in accordance with IEC TR 62778:2014 |
| Notes | version with 5° optics (with white LED colour and 3,5W power) available on request; version with 9W power (with white LED colour) available on request |

## PHOTOMETRIC DATA

W – 13°x52° CRI 80

| H (m) | Ø (m) | Ø (m) | Lux max (3000K ) 7W |
|---|---|---|---|
| 1.00 | 0.23 | 0.98 | 1478 |
| 2.00 | 0.47 | 1.96 | 370 |
| 3.00 | 0.70 | 2.93 | 164 |
| 4.00 | 0.93 | 3.91 | 92 |
| 5.00 | 1.17 | 4.89 | 59 |

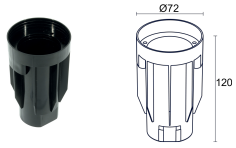


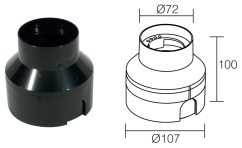
1[redacted]

## ACCESSORIES

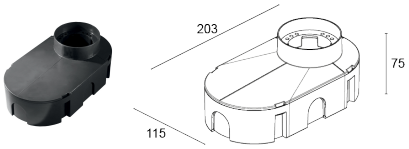
### Installation Accessories




WC0100
Outer casing




WC0103
Outer casing

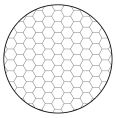



WC0150
Outer casing



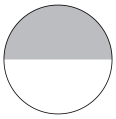
WG0100
Retaining spring clip for installation on plasterboard Ø70mm

### Anti-glare



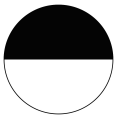
WH0201
Honeycomb louvre
built into the lighting fixture
The honeycomb louvre can be fitted on all fixed optics except for the sharp, asymmetrical 8°, 8° and diffuse optics
Order together with the lighting fixture

### Optical Accessories



WE0400A

Semi-diffusing screen, half transparent and half frosted
built into the lighting fixture
Can be fitted on all optics except for diffuse and asymmetrical 8° optics and for RGB version
Order together with the lighting fixture



WE0400S

Anti-glare screen, half transparent and half serigraphed black
built into the lighting fixture
Can be fitted on all optics except for diffuse and asymmetrical 8° optics and for RGB version
Order together with the lighting fixture

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