










Made in Italy

 **Bright 2.8, code: CB280105LF**
Recessed for outdoor applications

21/11/2024 Rev. 31








 kg 2000 - kN 20
 
 kg 0,40 - kg 0,50
 IP65 IP68 IP69

IK10
 
CASAMBI





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: 3,5W; Power supply: 24Vdc; Lumen output at source: 184 lm (3000K, 3.5W); Delivered lumen output: 143 lm (3000K, 20°, 3.5W); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 41° tiltable ±15°; CRI Colour Rendering Index: 80; Body material: body in black-anodized anticorrosive aluminium, trim in aluminium; Finishes: grey (RAL 9006); 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 LED colour 2200K and honeycomb louvre available on request; 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: 55°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: stainless steel trim: 500 g, aluminium trim: 400 g; Dimensions: Ø85x66 mm; Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø180x120 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400S Anti-glare screen, half transparent and half serigraphed black, WG0100 Retaining spring clip Ø70mm; 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 | 3,5W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |

LIGHTING CHARACTERISTICS

| | |
|----------------------------|---------------------------|
| Number and type of LED | 1 power LED |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 1/4 ANSI BIN |
| Optics | 41° tiltable ±15° |
| Lumen output at source | 184 lm (3000K, 3.5W) |
| Delivered lumen output | 143 lm (3000K, 20°, 3.5W) |

MECHANICAL CHARACTERISTICS

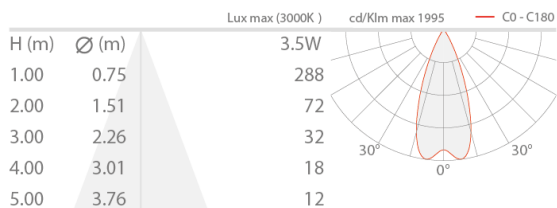
| | |
|----------------------------|---|
| Dimensions | Ø85x66 mm |
| Weight | stainless steel trim: 500 g, aluminium trim: 400 g |
| Finishes | grey RAL 9006 |
| Mounting | with fixing springs or outer casing |
| Body material | body in black-anodized anticorodal aluminium, trim in aluminium |
| Screen material | screen in transparent, tempered extra-clear glass |
| Cutout dimensions | Ø70 mm |
| Volume of thermal heatsink | Ø180x120 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° |
| 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) |
| Photobiological safety | in accordance with IEC TR 62778:2014 |
| Notes | version with LED colour 2200K and honeycomb louvre available on request; Casambi control using the Casambi app with dedicated electronics |

PHOTOMETRIC DATA

L - 41°

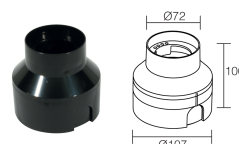


ACCESSORIES

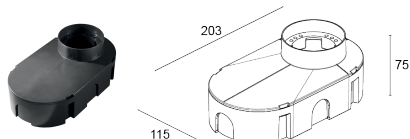
Installation Accessories



WC0100
Outer casing



WC0103
Outer casing

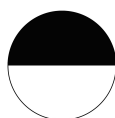


WC0150
Outer casing



WG0100
Retaining spring clip Ø70mm

Optical Accessories



WE0400S
Anti-glare screen, half transparent and half serigraphed black
built into the lighting fixture
Order together with the lighting fixture

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