
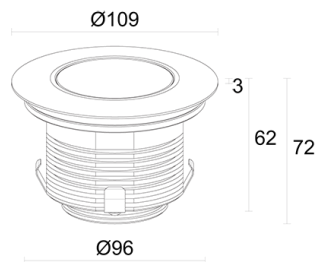
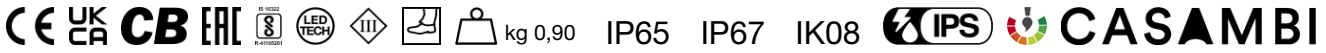


Made in Italy

 Smoothy 5.4, code: SY540005LI
Recessed for outdoor applications

21/11/2024 Rev. 38



DESCRIPTION

recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 1115 lm (3000K, 10W, CRI 80); Delivered lumen output: 800 lm (3000K, 38°, 10W, CRI 80); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 3000K; Optics: 38°: 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; Finishes: stainless steel; RAL finish on request; Screen material: 10-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light 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 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP67; Impact resistance: IK08; 16°x69° optics adjustable through 360° using the magnet provided; version with 8° optics and 10W power 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: 50°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 900 g; Dimensions: Ø109x72 mm; Cutout dimensions: Ø100 mm; Volume of thermal heatsink: Ø220x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4050 Outer casing, WE0702S Anti-glare screen, half transparent and half serigraphed black, WG0505 Retaining spring clip Ø100mm, WH0206 Honeycomb louvre, WL0500 Suction cup; 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 L95 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 2-step MacAdam |
| Optics | 38° |
| Lumen output at source | 1115 lm (3000K, 10W, CRI 80) |
| Delivered lumen output | 800 lm (3000K, 38°, 10W, CRI 80) |

MECHANICAL CHARACTERISTICS

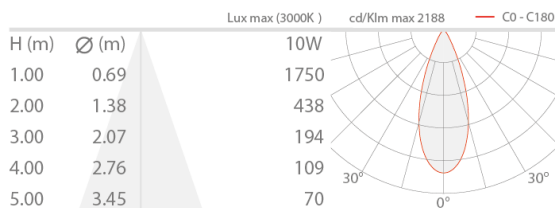
| | |
|----------------------------|---|
| Dimensions | Ø109x72 mm |
| Weight | 900 g |
| Finishes | stainless steel |
| Mounting | with fixing springs or outer casing |
| Body material | body in black-anodized anticorrosive aluminium, trim in AISI 316L stainless steel |
| Screen material | screen in tempered, transparent extra-clear glass |
| Cutout dimensions | Ø100 mm |
| Volume of thermal heatsink | Ø220x150 mm |

GENERAL CHARACTERISTICS

| | |
|----------------------------|---|
| Ingress protection | IP65, IP67 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK08 |
| Features | 16°x69° optics adjustable through 360° using the magnet provided |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 960° |
| Maximum device temperature | 50°C (Ta 25°C) |
| Appliance class | class III |
| Walkover | yes |
| Drive-over | no |
| 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 | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | version with 8° optics and 10W power available on request; Casambi control using the Casambi app with dedicated electronics |

PHOTOMETRIC DATA

L - 38° CRI 80



ACCESSORIES

Installation Accessories

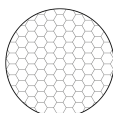


WC4050
Outer casing



WG0505
Retaining spring clip Ø100mm

Anti-glare



WH0206

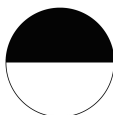
Honeycomb louvre

built into the lighting fixture

The honeycomb louvre can be fitted on all optics except for sharp, diffuse and 16°x69° adjustable optics

Order together with the lighting fixture

Optical Accessories



WE0702S

Anti-glare screen, half transparent and half serigraphed black

built into the lighting fixture

Can be fitted on all optics except for diffuse optics

Order together with the lighting fixture

Other



WL0500

Suction cup

Recommended accessory

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