

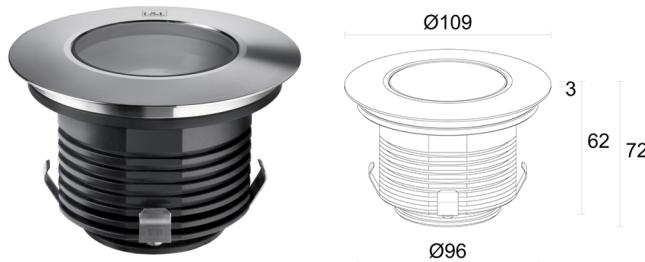
Made in Italy

 Smoothy 5.4, code: SY540119MI-3
Recessed for outdoor applications

16/02/2026 Rev. 10/2024

 UK   LED TECH    kg 0,90 IP65 IP67 IK08   T max 50°C





DESCRIPTION

recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: 13W; Power supply: 24Vdc; Lumen output at source: 1200 lm (3000K, 13W, CRI >90); Delivered lumen output: 860 lm (3000K, 38°, 13W, CRI >90); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: 21°: optical system consisting of a high-efficiency TIR lens combined with a high-quality technical filter; CRI Colour Rendering Index: >90; 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 15 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°C; 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 | 13W |
| 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 | 4000K |
| CRI Colour Rendering Index | >90 |
| Binning | 2-step MacAdam |
| Optics | 21° |
| Lumen output at source | 1200 lm (3000K, 13W, CRI >90) |
| Delivered lumen output | 860 lm (3000K, 38°, 13W, CRI >90) |

MECHANICAL CHARACTERISTICS

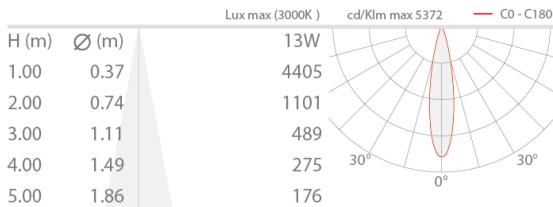
| | |
|----------------------------|---|
| Dimensions | Ø109x72 mm |
| Weight | 900 g |
| Finishes | stainless steel |
| Mounting | with fixing springs or outer casing |
| Body material | body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel |
| Screen material | screen in tempered, 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°C |
| Maximum device temperature | 50°C (Ta 25°C) |
| Appliance class | class III |
| Walkover | yes |
| Drive-over | no |
| Power cables | includes 15 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

M - 21° CRI 80



ACCESSORIES

Installation Accessories

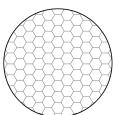


WC4050
Outer casing



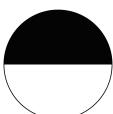
WG0505
Retaining spring clip Ø100mm

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.