
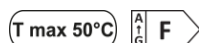


Made in Italy

 Smoothy 5.6, code: SY56326SI  
Recessed for outdoor applications



## DESCRIPTION

recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: max 7W; Power supply: max 700mA; Lumen output at source: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA); Delivered lumen output: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°); 1 power LED, 50 000h L90 B10 (Ta 25°C); LED colour: RGB; Optics: 20° tiltable  $\pm 15^\circ$ ; optical system consisting of 3 high-efficiency TIR microlenses (RGB); 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; Wiring: series; includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm; Control system: dimming via dimmable driver; Ingress protection: IP65, IP67; Impact resistance: IK08; 5° optics and 3.5W version: 4000K only CRI 80; optical unit tiltable  $\pm 15^\circ$  by turning the screw with the lever provided. Reference graduations pad printed on the fixture's body; 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: 940 g; Dimensions: Ø109x102 mm; Cutout dimensions: Ø100 mm; Volume of thermal heatsink: Ø220x160 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4050 Outer casing, WG0505 Retaining spring clip Ø100mm, WH0205 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 | max 7W                         |
| Power supply      | max 700mA                      |
| Power supply unit | power supply unit not included |
| Control system    | dimming via dimmable driver    |
| Wiring            | series                         |

## LIGHTING CHARACTERISTICS

|                        |  |
|------------------------|--|
| Number and type of LED | 1 power LED                                      |
| Average LED life       | 50 000h L90 B10 (Ta 25°C)                        |
| LED colour             | RGB  |
| Optics                 | 20° tiltable $\pm 15^\circ$                      |
| Lumen output at source | 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)     |
| Delivered lumen output | 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°) |

## MECHANICAL CHARACTERISTICS

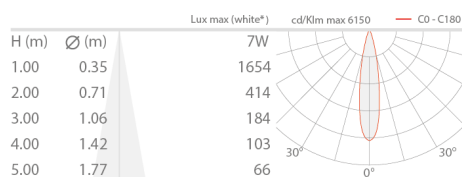
|                            |   |
|----------------------------|---|
| Dimensions                 | Ø109x102 mm   |
| Weight                     | 940 g   |
| Finishes                   | stainless steel   |
| Mounting                   | with fixing springs or outer casing   |
| Body material              | 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 | Ø220x160 mm   |

## GENERAL CHARACTERISTICS

|                            |   |
|----------------------------|---|
| Ingress protection         | IP65, IP67  |
| Operating temperature      | -20°C — +45°C   |
| Impact resistance          | IK08  |
| 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 FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm  |
| Protection systems         | IPS (Intelligent Protection System)   |
| Photobiological safety     | photobiological safety: risk group 1 according to EN 62471:2006   |
| Notes                      | 5° optics and 3.5W version: 4000K only CRI 80; optical unit tiltable $\pm 15^\circ$ by turning the screw with the lever provided. Reference graduations pad printed on the fixture's body; Casambi control using the Casambi app with dedicated electronics |

## PHOTOMETRIC DATA

S - 20°



\* White created by mixing the colours

## ACCESSORIES

### Installation Accessories

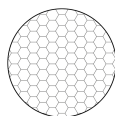


**WC4050**  
 Outer casing



**WG0505**  
 Retaining spring clip Ø100mm

### Anti-glare



**WH0205**  
 Honeycomb louvre  
 built into the lighting fixture  
 The honeycomb louvre can be fitted on all optics except for sharp optics;  
 on 5° and 8° optics on request  
 Order together with the lighting fixture.

### Other



**WL0500**  
 Suction cup