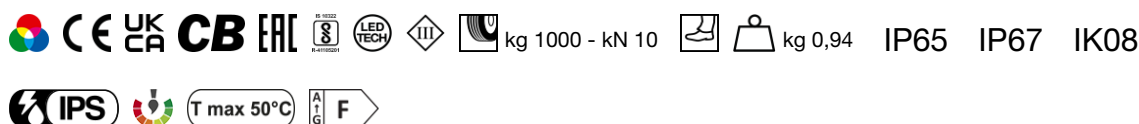


Made in Italy



Smoothy 5.6, code: SY56326SI

Recessed for outdoor applications



## DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; walkover; recessed (ceiling, wall, floor); Power consumption: max 7W; Power supply: max 700mA; Lumen output at source: RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA); Delivered lumen output: RGB: 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°C; 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, 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 ±15°
Lumen output at source	RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)
Delivered lumen output	RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)

## MECHANICAL CHARACTERISTICS

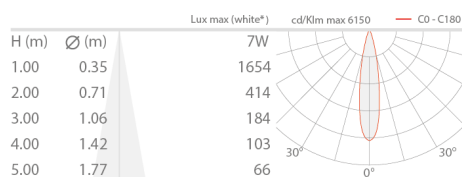
Dimensions	Ø109x102 mm
Weight	940 g
Finishes	stainless steel
Mounting	with fixing springs or outer casing
Body material	body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel
Screen material	screen in tempered, transparent extra-clear glass
Cutout dimensions	Ø100 mm
Volume of 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°C
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	up to 1000 kg
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 ±15° 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

### 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.