Made in Italy

23/11/2026 Rev. 10/2024

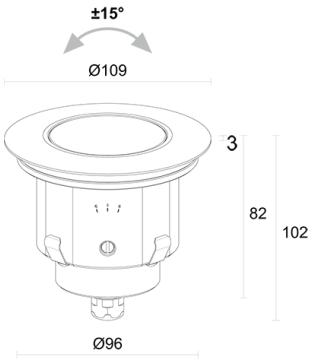
Smoothy 5.6, code: SY56326SI

Recessed for outdoor applications

kg 1000 - kN 10 kg 0,94 IP65 IP67 IK08

T max 50°C





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 ±15°: 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 ±15° by turning the screw with the lever provided. Reference graduations pad printed on the fixture's body; 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 for installation on plasterboard Ø100mm, WL0500 Suction cup; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

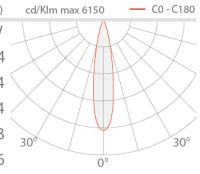
Status: Available

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

PHOTOMETRIC DATA

S - 20°

H (m)	Ø (m)	Lux max (white*) 7W
1.00	0.35	1654
2.00	0.71	414
3.00	1.06	184
4.00	1.42	103
5.00	1.77	66



* White created by mixing the colours

ACCESSORIES

Installation Accessories



WC4050
Outer casing



WG0505
Retaining spring clip for installation on plasterboard Ø100mm

Other



WL0500
Suction cup
Recommended accessory

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