Made in Italy

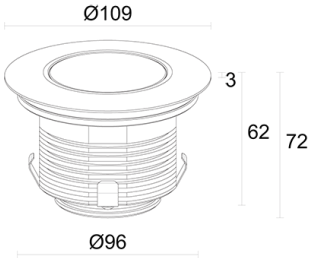
13/11/2026 Rev. 10/2024

Smoothy 5.4, code: SY540019KI-3

Recessed for outdoor applications

kg 0,90 IP65 IP67 IK08 T max 50°C





DESCRIPTION

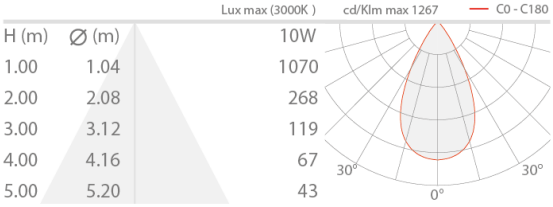
recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 900 lm (3000K, 10W, CRI >90); Delivered lumen output: 645 lm (3000K, 38°, 10W, CRI >90); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: 55°: optical system consisting of a high-efficiency TIR lens; 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; 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 for installation on plasterboard 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	4000K
CRI Colour Rendering Index	>90
Binning	2-step MacAdam
Optics	55°
Lumen output at source	900 lm (3000K, 10W, CRI >90)
Delivered lumen output	645 lm (3000K, 38°, 10W, 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

PHOTOMETRIC DATA

K - 55° CRI 80



ACCESSORIES

Installation Accessories

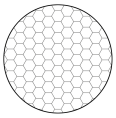


WC4050
Outer casing



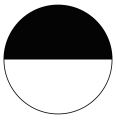
WG0505
Retaining spring clip for installation on plasterboard Ø100mm

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
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.