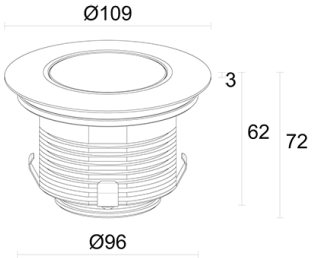
Made in Italy

Smoothy 5.4, code: SY540009LI

Recessed for outdoor applications

kg 0,90 IP65 IP67 IK08

T max 50°C F



DESCRIPTION

recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 1115 lm (3000K, 10W, CRI 80); Delivered lumen output: 800 lm (3000K, 38°, 10W, CRI 80); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: 38°: optical system consisting of a high-efficiency TIR lens; CRI Colour Rendering Index: 80; 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 1.5 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°; 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

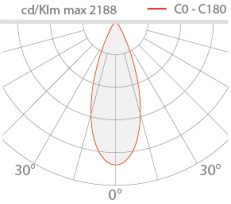
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	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	80
Binning	2-step MacAdam
Optics	38°
Lumen output at source	1115 lm (3000K, 10W, CRI 80)
Delivered lumen output	800 lm (3000K, 38°, 10W, CRI 80)
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°
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	no
Power cables	includes 1.5 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

L - 38° CRI 80

H (m)	Ø (m)	Lux max (3000K) 10W	cd/Klm max 2188
1.00	0.69	1750	
2.00	1.38	438	
3.00	2.07	194	
4.00	2.76	109	
5.00	3.45	70	



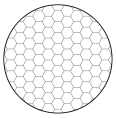
ACCESSORIES

Installation Accessories

WC4050
Outer casing

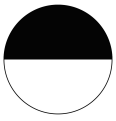
WG0505
Retaining spring clip Ø100mm

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

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.