
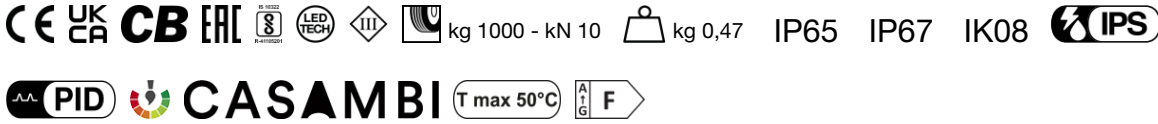


Made in Italy

 Smoothy 2.4, code: SY240209VI
Recessed for outdoor applications

17/07/2024 Rev. 33



DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; recessed (ceiling, wall, floor); Power consumption: 7W; Power supply: 24Vdc; Lumen output at source: 657 lm (3000K, 7W, CRI 80); Delivered lumen output: 463 lm (3000K, 34°, 7W, CRI 80); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 4000K; Optics: 8°: optical system consisting of a high-efficiency TIR lens combined with a high-quality technical filter; 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: 8-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; 5° optics and 3.5W version: 4000K only CRI 80; 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; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; 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: 470 g; Dimensions: Ø84x67 mm; Cutout dimensions: Ø75 mm; Volume of thermal heatsink: Ø200x140 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4020 Outer casing, WE0701S Anti-glare screen, half transparent and half serigraphed black, WG0502 Retaining spring clip Ø75mm, WH0203 Honeycomb louvre, WL0100 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	7W
Power supply	24Vdc
Power supply unit	power supply unit not included

LIGHTING CHARACTERISTICS

Number and type of LED	1 high-intensity power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	4000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	8°
Lumen output at source	657 lm (3000K, 7W, CRI 80)
Delivered lumen output	463 lm (3000K, 34°, 7W, CRI 80)

MECHANICAL CHARACTERISTICS

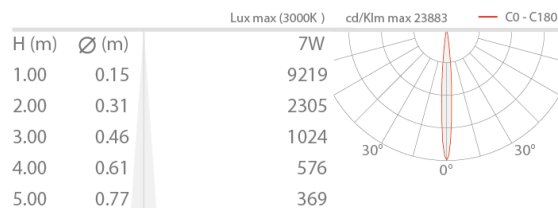
Dimensions	Ø84x67 mm
Weight	470 g
Finishes	stainless steel
Mounting	with fixing springs or outer casing
Body material	body in black-anodized anticorrosive aluminium, trim in AISI 316L stainless steel
Screen material	screen in tempered, transparent extra-clear glass
Cutout dimensions	Ø75 mm
Volume of thermal heatsink	Ø200x140 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	up to 1000 kg
Power cables	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	5° optics and 3.5W version: 4000K only CRI 80; Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

V - 8° CRI 80



ACCESSORIES

Installation Accessories

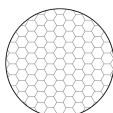


WC4020
Outer casing



WG0502
Retaining spring clip Ø75mm

Anti-glare



WH0203

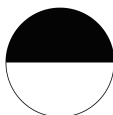
Honeycomb louvre

built into the lighting fixture

The honeycomb louvre can be fitted on all optics except for sharp and diffuse optics; on 5° and 8° optics on request

Order together with the lighting fixture

Optical Accessories



WE0701S

Anti-glare screen, half transparent and half serigraphed black

built into the lighting fixture

Can be fitted on all optics except for diffuse optics and for RGB version

Order together with the lighting fixture

Other



WL0100
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.