
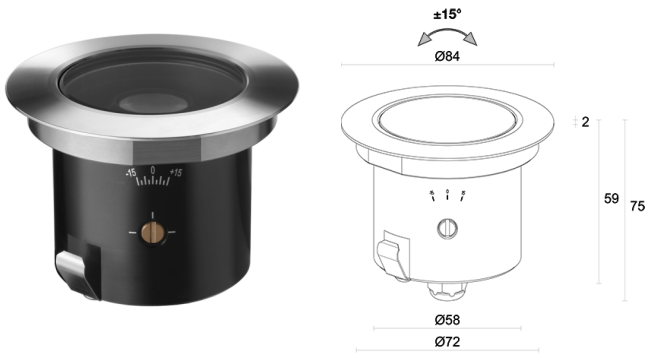
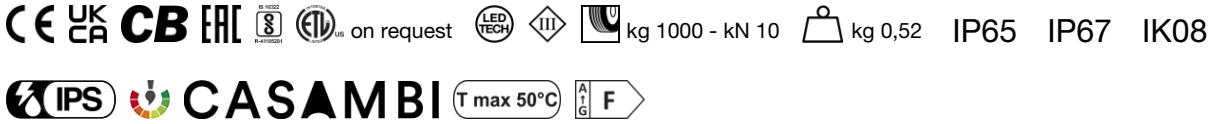


Made in Italy

 Smoothy 2.8, code: SY280005SI  
Recessed for outdoor applications

18/07/2024 Rev. 35



## DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; recessed (ceiling, wall, floor); Power consumption: 2.5W; Power supply: 24Vdc; Lumen output at source: 168 lm (3000K, 2.5W, CRI 80); Delivered lumen output: 141 lm (3000K, 22°, 2.5W, CRI 80); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 13° tiltable  $\pm 15^\circ$ ; 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  $\varnothing 6.3$  mm; Ingress protection: IP65, IP67; Impact resistance: IK08; version with honeycomb louvre available on request; 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:  $-20^\circ\text{C}$  —  $+45^\circ\text{C}$ ; Maximum device temperature:  $50^\circ\text{C}$  (Ta  $25^\circ\text{C}$ ); Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 520 g; Dimensions:  $\varnothing 84 \times 75$  mm; Cutout dimensions:  $\varnothing 75$  mm; Volume of thermal heatsink:  $\varnothing 180 \times 120$  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  $\varnothing 75$ mm, 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	2,5W
Power supply	24Vdc
Power supply unit	power supply unit not included

### LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	13° tiltable ±15°
Lumen output at source	168 lm (3000K, 2.5W, CRI 80)
Delivered lumen output	141 lm (3000K, 22°, 2.5W, CRI 80)

### MECHANICAL CHARACTERISTICS

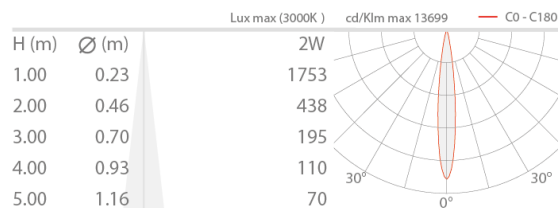
Dimensions	Ø84x75 mm
Weight	520 g
Finishes	stainless steel
Mounting	with fixing springs or outer casing
Body material	body in black-anodized anticorrosive aluminium, trim in AISI 316L stainless steel
Screen material	screen in tempered, transparent extra-clear glass
Cutout dimensions	Ø75 mm
Volume of thermal heatsink	Ø180x120 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)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	version with honeycomb louvre available on request; 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 - 13° CRI 80



## ACCESSORIES

### Installation Accessories

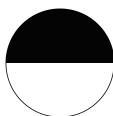


**WC4020**  
Outer casing



**WG0502**  
Retaining spring clip Ø75mm

### 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 48° optics  
Order together with the lighting fixture

### Other



**WL0100**  
Suction cup

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