DATASHEET

L&L Luce&Light

Made in Italy

Smoothy 2.4, code: SY240205TL
Recessed for outdoor applications

CE UKCA CB EHC [S] R-41105201 LED TECH III kg 1000 - kN 10 kg 0,47 IP65 IP67 IK08

T max 50°C A↑G F

Ø84
2
59 67
Ø58
Ø72
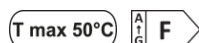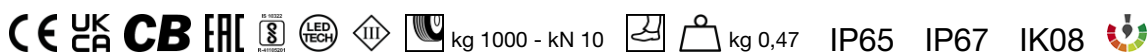
DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; walkover; 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: 3000K; Optics: 11°; 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 brass, made with a CNC lathe; Finishes: brass; 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 1.50 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; 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: 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

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ELECTRICAL CHARACTERISTICS

Power consumption	7W
Power supply	24Vdc
Power supply unit	power supply unit not included

LIGHTING CHARACTERISTICS

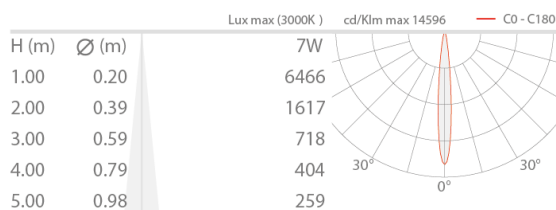|	
Number and type of LED	1 high-intensity power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	11°
Lumen output at source	657 lm (3000K, 7W, CRI 80)
Delivered lumen output	463 lm (3000K, 34°, 7W, CRI 80)

MECHANICAL CHARACTERISTICS

Dimensions	Ø84x67 mm
Weight	470 g
Finishes	brass
Mounting	with fixing springs or outer casing
Body material	body in black-anodized anticorodal aluminium, trim in brass
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°C
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	up to 1000 kg
Power cables	includes 1.50 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
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

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PHOTOMETRIC DATA

T - 11° CRI 80

H (m)	Ø (m)	Lux max (3000K) 7W
1.00	0.20	6466
2.00	0.39	1617
3.00	0.59	718
4.00	0.79	404
5.00	0.98	259

cd/Klm max 14596 — C0 - C180

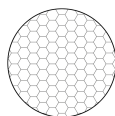## ACCESSORIES

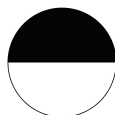### Installation Accessories

WC4020
Outer casing

Ø74
100
Ø107

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 RGB version
Order together with the lighting fixture

Other

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WL0100
Suction cup
Recommended accessory

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