L&L Luce&Light

Made in Italy

Litus 2.4, code: LT24010FDNV
Recessed for outdoor applications

CE UK CA CB EHC LED TECH III kg 1000 - kN 10 kg 0,35 IP67 IK08 IPS PID

T max 40°C F

Ø72 — 57 74 — Ø58
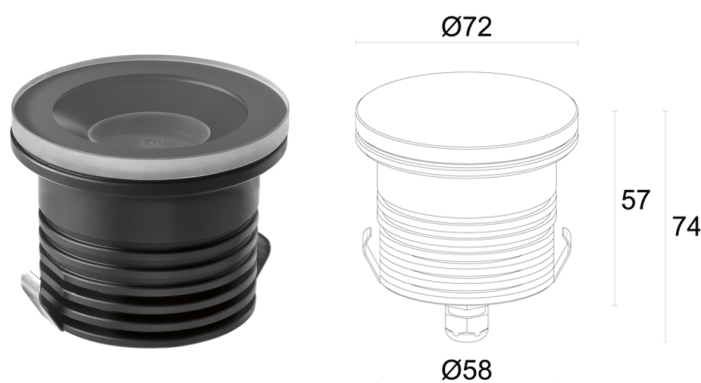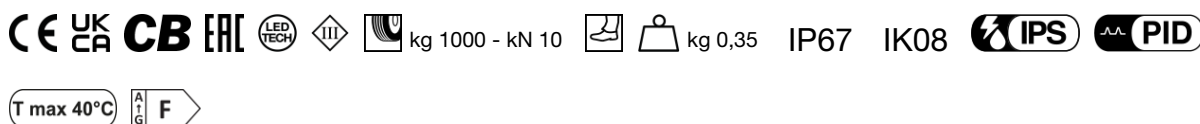
DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; walkover; recessed (ceiling, wall, floor); Power consumption: 5W; Power supply: 24Vdc; Lumen output at source: 488 lm (3000K, 5W, CRI 80); Delivered lumen output: 352 lm (3000K, 34°, 5W, CRI 80); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: diffuse: optical system consisting of 4-mm-thick tempered extra-clear glass seal with an RAL 7015 signal white serigraphed border, resistant to knocks and scratches and high transmittance to eliminate chromatic alteration; 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; Screen material: screen in tempered, serigraphed-grey and transparent extra-clear glass; power supply unit not included; includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP67; Impact resistance: IK08; 5° optics and 3.5W version: 4000K only CRI 80, version with screen in serigraphed-white glass 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; 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: 40°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: 350 g; Dimensions: Ø72x66 mm; Volume of thermal heatsink: Ø150x160 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4020 Outer casing, WE0602S Anti-glare screen, half transparent and half serigraphed black, 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	5W
Power supply	24Vdc
Power supply unit	power supply unit not included

LIGHTING CHARACTERISTICS

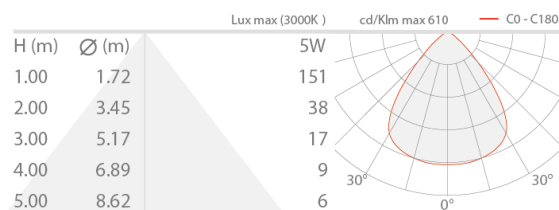|	
Number and type of LED	1 high-intensity power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	diffuse
Lumen output at source	488 lm (3000K, 5W, CRI 80)
Delivered lumen output	352 lm (3000K, 34°, 5W, CRI 80)

MECHANICAL CHARACTERISTICS

Dimensions	Ø72x66 mm
Weight	350 g
Mounting	with outer casing
Body material	body in black-anodized anticorodal aluminium
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Volume of thermal heatsink	Ø150x160 mm

GENERAL CHARACTERISTICS

Ingress protection	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	40°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, version with screen in serigraphed-white glass available on request; Casambi control using the Casambi app with dedicated electronics

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PHOTOMETRIC DATA

D – Diffuse CRI 80

Lux max (3000K)   cd/Klm max 610   — C0 - C180

H (m)	Ø (m)	5W
1.00	1.72	151
2.00	3.45	38
3.00	5.17	17
4.00	6.89	9
5.00	8.62	6

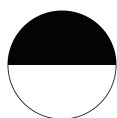30°   30°
0°

ACCESSORIES

Installation Accessories

Ø74
100
Ø107

WC4020
Outer casing

Optical Accessories

WE0602S
Anti-glare screen, half transparent and half serigraphed black
built into the lighting fixture
Can be fitted on all optics except for RGB version
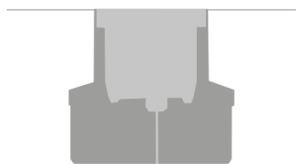Order together with the lighting fixture

Other

WL0100
Suction cup
Recommended accessory

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Installation flush with ground

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