Made in Italy

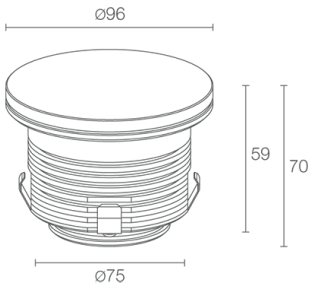
Litus 5.4, code: LT540005MNV-2

Recessed for outdoor applications

kg 1000 - kN 10 kg 0,60 IP67 IK08 T max 40°C

F





DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; 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: 3000K; Optics: 21°: 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; Screen material: 6-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches, with a RAL 7015 signal grey serigraphed border; power supply unit not included; includes 10 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP67; Impact resistance: IK08; 16°x69° optics adjustable through 360° using the magnet provided (patented); version with screen in serigraphed-white glass available on request, version with 8° optics and 10W power available on request; 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: 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: 600 g; Dimensions: Ø96x70 mm; Volume of thermal heatsink: Ø180x180 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4050 Outer casing, WE0604S Anti-glare screen, half transparent and half serigraphed black, WH0204 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

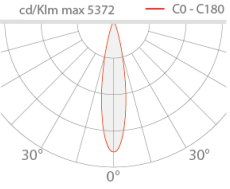
Status: Available

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	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	21°
Lumen output at source	1115 lm (3000K, 10W, CRI 80)
Delivered lumen output	800 lm (3000K, 38°, 10W, CRI 80)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø96x70 mm
Weight	600 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	Ø180x180 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP67
Operating temperature	-20°C — +45°C
Impact resistance	IK08
Features	16°x69° optics adjustable through 360° using the magnet provided (patented)
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 10 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 screen in serigraphed-white glass available on request, version with 8° optics and 10W power available on request

PHOTOMETRIC DATA

M - 21° CRI 80

H (m)	∅ (m)	Lux max (3000K) 10W
1.00	0.37	3304
2.00	0.74	826
3.00	1.11	367
4.00	1.49	206
5.00	1.86	132



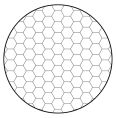
ACCESSORIES

Installation Accessories



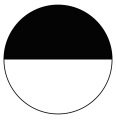
WC4050
Outer casing

Anti-glare



WH0204
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



WE0604S
Anti-glare screen, half transparent and half serigraphed black
built into the lighting fixture
Order together with the lighting fixture

Other



WL0500
Suction cup
Recommended accessory



Installation flush with ground

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