Made in Italy



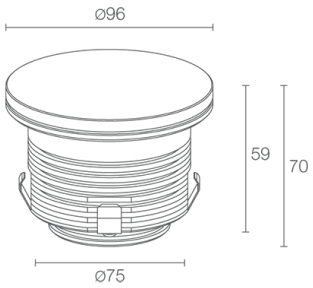
# Litus 5.4, code: LT540105MNV-2

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: 13W; Power supply: 24Vdc; Lumen output at source: 1485 lm (3000K, 13W, CRI 80); Delivered lumen output: 1065 lm (3000K, 38°, 13W, 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

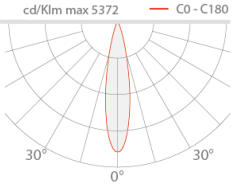
Status: Available

| | |
|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 13W |
| 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 | 1485 lm (3000K, 13W, CRI 80) |
| Delivered lumen output | 1065 lm (3000K, 38°, 13W, 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 ) 13W |
|---|---|---|
| 1.00 | 0.37 | 4405 |
| 2.00 | 0.74 | 1101 |
| 3.00 | 1.11 | 489 |
| 4.00 | 1.49 | 275 |
| 5.00 | 1.86 | 176 |



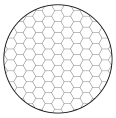

## ACCESSORIES

### Installation Accessories



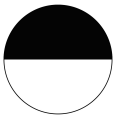

WC4050
Outer casing

### 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.