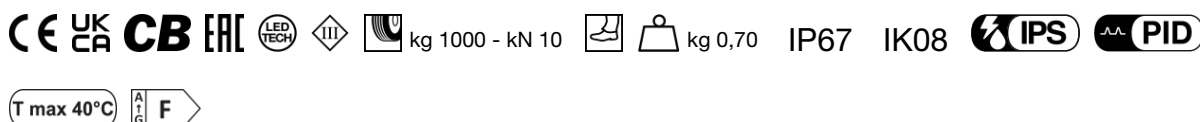


Made in Italy

 Litus 5.6, code: LT56011FWNV  
Recessed for outdoor applications

15/07/2025 Rev. 09/2024



## 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: 452 lm (3000K, 5W, CRI >90); Delivered lumen output: 284 lm (3000K, 34°, 5W, CRI >90); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 13°x52° tiltable ±15°: optical system consisting of a high-efficiency TIR lens combined with a high-quality elliptical technical filter; CRI Colour Rendering Index: >90; 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 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP67; Impact resistance: IK08; version with 5° optics and 3.5W: 4000K only CRI 80, version with screen in serigraphed-white glass 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; 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: 700 g; Dimensions: Ø96x100 mm; Volume of thermal heatsink: Ø150x160 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, WH0205 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 | 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 | >90                              |
| Binning                    | 3-step MacAdam                   |
| Optics                     | 13°x52° tiltable ±15°            |
| Lumen output at source     | 452 lm (3000K, 5W, CRI >90)      |
| Delivered lumen output     | 284 lm (3000K, 34°, 5W, CRI >90) |

## MECHANICAL CHARACTERISTICS

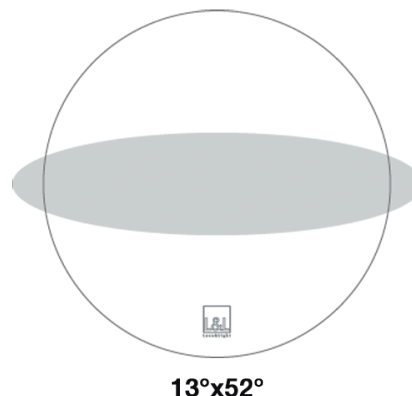
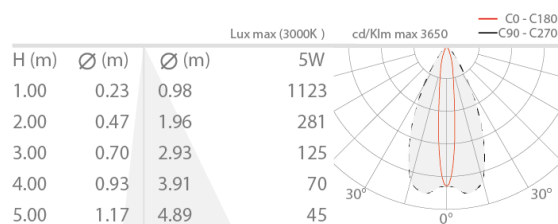
|                            |  |
|----------------------------|--|
| Dimensions                 | Ø96x100 mm   |
| Weight                     | 700 g  |
| Mounting                   | with outer casing  |
| Body material              | body in black-anodized anticorodal aluminium                           |
| 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                      | version with 5° optics and 3.5W: 4000K only CRI 80, version with screen in serigraphed-white glass 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

## W – 13°x52° CRI 80



13°x52°

## ACCESSORIES

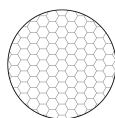
## Installation Accessories



## WC4050

Outer casing

## Anti-glare



## WH0205

Honeycomb louvre

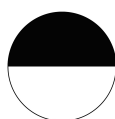
built into the lighting fixture

The honeycomb louvre can be fitted on all optics except for sharp optics;

on 5° and 8° optics on request

Order together with the lighting fixture

## Optical Accessories



## WE0604S

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



## 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.