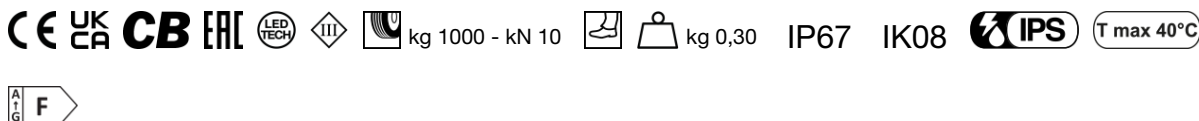


Made in Italy

 Litus 2.8, code: LT280005SNV  
Recessed for outdoor applications

29/08/2025 Rev. 11/2024



## DESCRIPTION

recessed for outdoor applications; drive-over up to 1000 kg; walkover; recessed (ceiling, wall, floor); Power consumption: 2,5W; Power supply: 24Vdc; Lumen output at source: 168 lm (3000K, 2.5W, CRI 80); Delivered lumen output: 141 lm (3000K, 22°, 2.5W, CRI 80); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 13° tiltable  $\pm 15^\circ$ : 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 1.5 m neoprene cable H05RN-F 2x0.75/0.75  $\varnothing$ 6.3 mm; Ingress protection: IP67; Impact resistance: IK08; version with screen in serigraphed-white glass available on request; optical unit tiltable  $\pm 15^\circ$  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; Operating temperature:  $-20^\circ\text{C} - +45^\circ\text{C}$ ; Maximum device temperature:  $40^\circ\text{C}$  (Ta  $25^\circ\text{C}$ ); Glow wire test:  $960^\circ\text{C}$ ; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 300 g; Dimensions:  $\varnothing 72 \times 73$  mm; Volume of thermal heatsink:  $\varnothing 150 \times 160$  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

## ELECTRICAL CHARACTERISTICS

Power consumption	2,5W
Power supply	24Vdc
Power supply unit	power supply unit not included

## LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	13° tiltable $\pm 15^\circ$
Lumen output at source	168 lm (3000K, 2.5W, CRI 80)
Delivered lumen output	141 lm (3000K, 22°, 2.5W, CRI 80)

## MECHANICAL CHARACTERISTICS

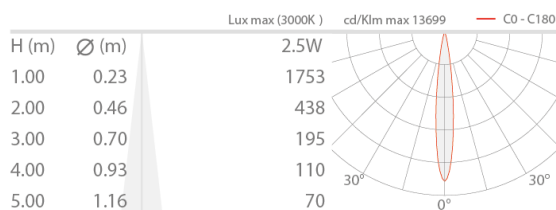
Dimensions	Ø72x73 mm
Weight	300 g
Mounting	with outer casing
Body material	body in black-anodized anticorodal aluminium
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Volume of thermal heatsink	Ø150x160 mm

## 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)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	version with screen in serigraphed-white glass available on request; optical unit tiltable $\pm 15^\circ$ 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

**S - 13° CRI 80**



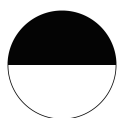
## ACCESSORIES

### Installation Accessories



**WC4020**  
 Outer casing

### Optical Accessories

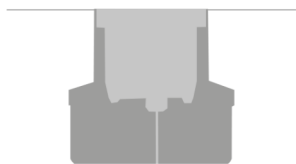


**WE0602S**  
 Anti-glare screen, half transparent and half serigraphed black  
 built into the lighting fixture  
 Can be fitted on all optics except for 48° optics  
 Order together with the lighting fixture

### Other



**WL0100**  
 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.