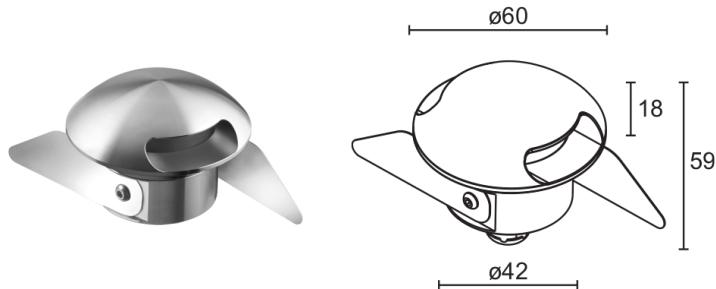


Beam 2.0, code: CD20125DAI
Step lights for outdoor applications

on request

kg 500 - kN 5

kg 0,25 - kg 0,47

IP67 IK09

DESCRIPTION

step light for outdoor applications, single or double beam; walkover up to 500 kg; recessed (wall, floor); Power consumption: max 2W; Power supply: max 500mA; Lumen output at source: single beam: 145 lm (3000K, 500mA); Delivered lumen output: single beam: 70 lm (3000K, 500mA); 1 power LED, 1/4 ANSI BIN, 50 00h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: radial; Upward flux fraction: 81,07%; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; Finishes: stainless steel; RAL finish on request; Screen material: screen in sandblasted plexiglass; Emission: single beam; power supply unit not included; Wiring: series; includes 1.50 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Control system: dimming via dimmable driver; Ingress protection: IP67; Impact resistance: IK09; 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°C — +45°C; Maximum device temperature: 60°C (Ta 25°C); Glow wire test: 730°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: stainless steel trim: 470 g, aluminium trim: 250 g; Dimensions: Ø60x59 mm; Cutout dimensions: Ø45 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC1501 Outer casing; 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 | max 2W |
| Power supply | max 500mA |
| Power supply unit | power supply unit not included |
| Control system | dimming via dimmable driver |
| Wiring | series |

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 | radial |
| Lumen output at source | single beam: 145 lm (3000K, 500mA) |
| Delivered lumen output | single beam: 70 lm (3000K, 500mA) |

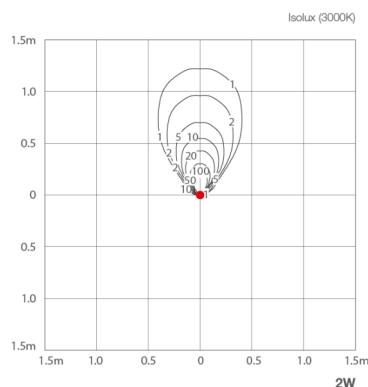
MECHANICAL CHARACTERISTICS

| | |
|----------------------------|--|
| Dimensions | Ø60x59 mm |
| Weight | stainless steel trim: 470 g, aluminium trim: 250 g |
| Finishes | stainless steel |
| Mounting | with fixing springs or outer casing |
| Body material | body and trim in AISI 316L stainless steel |
| Screen material | screen in sandblasted plexiglass |
| Cutout dimensions | Ø45 mm |
| Volume of thermal heatsink | Ø80x100 mm |

GENERAL CHARACTERISTICS

| | |
|----------------------------|--|
| Ingress protection | IP67 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK09 |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 730°C |
| Maximum device temperature | 60°C (Ta 25°C) |
| Appliance class | class III |
| Drive-over | no |
| Walkover | up to 500 kg |
| Emission | single beam |
| Power cables | includes 1.50 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm |
| Protection systems | IPS (Intelligent Protection System) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | Casambi control using the Casambi app with dedicated electronics |

PHOTOMETRIC DATA



ACCESSORIES

Installation Accessories



WC1501
Outer casing

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