Made in Italy

10/11/2026 Rev. 14/2024

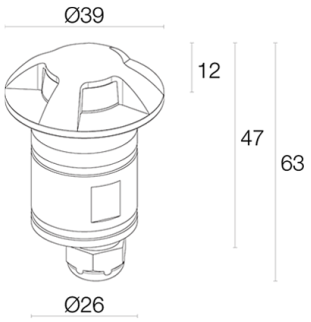
Bright 1.A, code: CB1A1305R6TI

Step lights for outdoor applications

kg 500 - kN 5 kg 0,20 IP65 IP68 IK10

T max 50°C





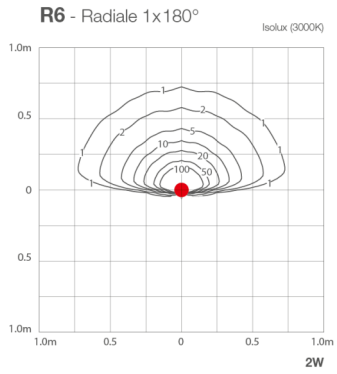
DESCRIPTION

step light for outdoor applications (not suitable for use in immersion in swimming pools or fountains); walkover up to 500 kg; recessed (wall, floor); Power consumption: max 2W; Power supply: max 700mA; Lumen output at source: 220 lm (3000K, 700mA); Delivered lumen output: 56 lm (3000K, 700mA, 4x60°); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: radial 1x180°: optical system, with silicone optics for durability, that in combination with the trim enables the creation of a single 180° light beam; Upward flux fraction: 32,83% (1x60°, 2x60°, 3x60°, 4x60°), 28,34% (1x120°), 30,63% (1x180°); CRI Colour Rendering Index: 80; Body material: body made of AISI 316L stainless steel, made on a CNC lathe. Head in AISI 316L stainless steel machined and finished with a special AC19® treatment developed by Luce&Light, to guarantee excellent corrosion resistance of more than 2000 hours of salt spray; Finishes: stainless steel; RAL finish on request; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Thickness of installation surface: min 5 mm, max 30 mm; power supply unit not included; Wiring: series; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Control system: dimming via dimmable driver; Ingress protection: IP65, IP68; Impact resistance: IK10; 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: 50°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 200 g; Dimensions: Ø39x63 mm; Cutout dimensions: Ø30 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0202 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 700mA
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 1x180°
Lumen output at source	220 lm (3000K, 700mA)
Delivered lumen output	56 lm (3000K, 700mA, 4x60°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø39x63 mm
Weight	200 g
Finishes	stainless steel
Mounting	with outer casing
Body material	body in AISI 316L stainless steel and trim in AISI 316L stainless steel with a special AC19® treatment developed by Luce&Light
Cutout dimensions	Ø30 mm
Volume of thermal heatsink	Ø80x100 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP68
Operating temperature	-20°C — +45°C
Impact resistance	IK10
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Glow wire test	960°C
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class III
Drive-over	no
Walkover	up to 500 kg
Power cables	includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	in accordance with IEC TR 62778:2014

PHOTOMETRIC DATA





ACCESSORIES

Installation Accessories



WC0202
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.