











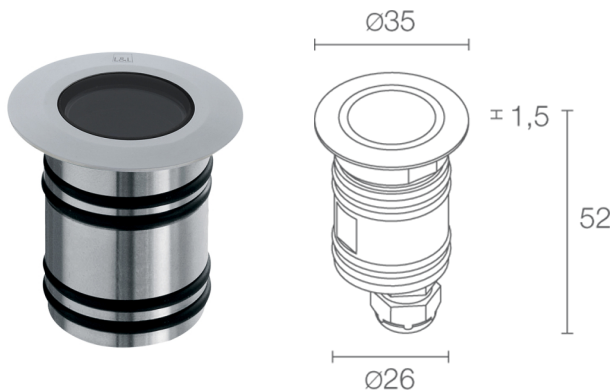
Made in Italy

 **Bright 1.6 316L**, code: CW16005DI  
Recessed for outdoor and underwater applications

18/06/2026 Rev. 17/2024







 kg 500 - kN 5
  kg 0,48
 IP65 IP68 IK10
 

T max 50°C 



## DESCRIPTION

recessed for outdoor and underwater applications; walkover up to 500 kg; recessed (wall, ground), max depth 10 m; Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 195 lm (3000K); Delivered lumen output: 127 lm (3000K, 21°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: diffuse: optical system consisting of black holder and 10-mm-thick, tempered extra-clear glass seal, resistant to knocks and scratches, and with high transmittance to eliminate chromatic alterations; CRI Colour Rendering Index: 80; Body material: body and trim made of AISI 316L stainless steel, made entirely on a CNC lathe; Screen material: screen in acid-etched, tempered extra-clear glass; Seals: system of four O-rings to guarantee watertightness and prevent water entering the outer casing.; power supply unit not included; includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm; Ingress protection: IP65, IP68; Impact resistance: IK10; version with elliptical optics available on request; not suitable for use in swimming pools with liners; 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 (installation outdoors), 0°C — +45°C (installation underwater); 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: 480 g; Dimensions: Ø35x52 mm; Cutout dimensions: Ø30 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC5003 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	2W
Power supply	24Vdc
Power supply unit	power supply unit not included

### LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	60 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	diffuse
Lumen output at source	195 lm (3000K)
Delivered lumen output	127 lm (3000K, 21°)

### MECHANICAL CHARACTERISTICS

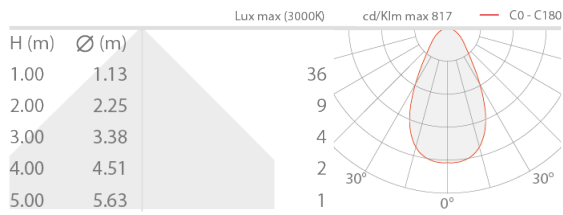
Dimensions	Ø35x52 mm
Weight	480 g
Mounting	with outer casing
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in acid-etched, tempered extra-clear glass
Cutout dimensions	Ø30 mm

### GENERAL CHARACTERISTICS

Ingress protection	IP65, IP68
Operating temperature	-20°C — +45°C (installation outdoors), 0°C — +45°C (installation underwater)
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 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
Notes	version with elliptical optics available on request; not suitable for use in swimming pools with liners; Casambi control using the Casambi app with dedicated electronics

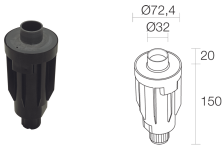
## PHOTOMETRIC DATA

D – Diffuse / Diffuso



## ACCESSORIES

### Installation Accessories



**WC5003**  
Outer casing

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