
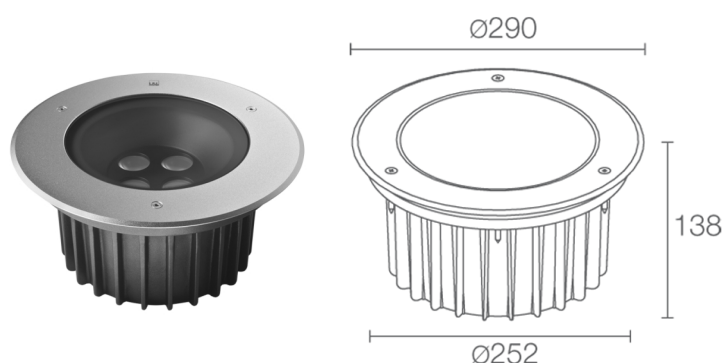
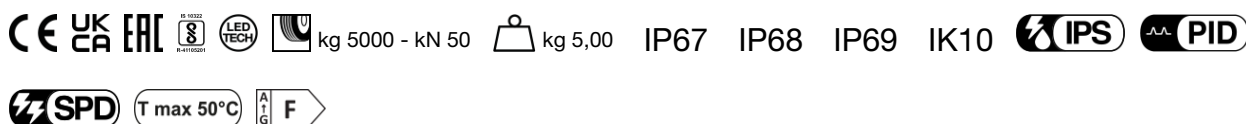


Made in Italy

 **Stra 1.0, code: CS101015LI**  
Recessed for outdoor applications

19/04/2024 Rev. 26



## DESCRIPTION

recessed for outdoor applications (not suitable for use in swimming pools or fountains); drive-over up to 5000 kg; recessed (floor); Power consumption: 37W; Power supply: 230Vac; Lumen output at source: 3152 lm (3000K, CRI >90); Delivered lumen output: 1619 lm (3000K, 30°, CRI >90); 4 high-intensity power LEDs, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 37°: optical system consisting of a high-efficiency, deep-set TIR lens combined with a high-quality technical filter; CRI Colour Rendering Index: >90; Body material: body made of die-cast aluminium. Trim in AISI 316L stainless steel, made with a CNC lathe then micro-peened, passivated and electropolished to guarantee excellent corrosion resistance; Finishes: die-cast body painted with an initial treatment of a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1500 hours of salt spray. Paints compliant with the Qualicoat standard (automotive standard); Screen material: 15-mm-thick tempered, transparent extra-clear glass, with vitrified serigraphy, to ensure chromatic uniformity of light and excellent resistance to knocks and scratches; built-in power supply unit; includes 1.5 m neoprene cable H07RN-F 3x1.0  $\varnothing$ 9.3 mm; Control system: ON/OFF; Ingress protection: IP67 with purpose-built outer casing, IP68 with purpose-built outer casing, IP69; Impact resistance: IK10; 66°x11° optics, adjustable through 360° using the magnet provided; DALI version available on request, Casambi-compatible version, controllable with the Casambi app, available on request; 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; The SPD (Surge Protection Device) protects lighting fixtures from electrical phenomena external to the system, such as power surges. In particular, this device is specifically for protection against serious events with a high energy content; Operating temperature: -20°C — +45°C; Maximum device temperature: 50°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class I; Weight: 5000 g; Dimensions:  $\varnothing$ 290x138 mm; Volume of thermal heatsink:  $\varnothing$ 660x265 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC5610 Outer casing, WC5611 Outer casing, WE0202 Tamper-resistant screw kit, WE0203 Screwdriver for tamper-resistant screws, WH0610 Honeycomb louvre, WN7001 Pair of extractors for outer casings; 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	37W
Power supply	230Vac
Power supply unit	built-in power supply unit
Control system	ON/OFF

## LIGHTING CHARACTERISTICS

Number and type of LED	4 high-intensity power LEDs
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	>90
Binning	3-step MacAdam
Optics	37°
Lumen output at source	3152 lm (3000K, CRI >90)
Delivered lumen output	1619 lm (3000K, 30°, CRI >90)

## MECHANICAL CHARACTERISTICS

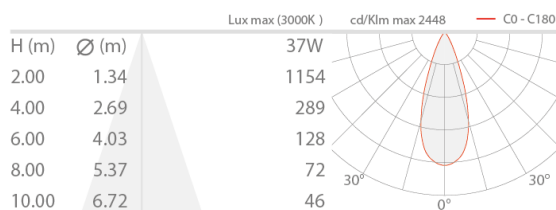
Dimensions	Ø290x138 mm
Weight	5000 g
Finishes	stainless steel
Mounting	with outer casing
Body material	body in die-cast aluminium, trim in AISI 316L stainless steel
Screen material	screen in serigraphed, transparent, tempered extra-clear glass
Volume of thermal heatsink	Ø660x265 mm

## GENERAL CHARACTERISTICS

Ingress protection	IP67 with purpose-built outer casing, IP68 with purpose-built outer casing, IP69
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°
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class I
Walkover	yes
Drive-over	up to 5000 kg
Power cables	includes 1.5 m neoprene cable H07RN-F 3x1.0 Ø9.3 mm
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device); SPD (Surge Protection Device)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	66°x11° optics, adjustable through 360° using the magnet provided; DALI version available on request, Casambi-compatible version, controllable with the Casambi app, available on request

## PHOTOMETRIC DATA

L - 37°

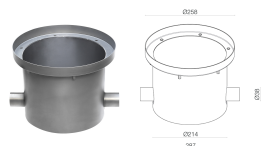


## ACCESSORIES

### Installation Accessories

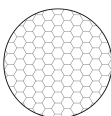


**WC5610**  
 Outer casing  
 Stra IP67



**WC5611**  
 Outer casing  
 Stra IP68

### Anti-glare



**WH0610**  
 Honeycomb louvre  
 built into the lighting fixture  
 The honeycomb louvre can be fitted on all fixed optics except for  
 66°x11° and wall washer optics  
 Order together with the lighting fixture.

### Other



**WE0202**  
 Tamper-resistant screw kit



**WE0203**  
 Screwdriver for tamper-resistant screws



## WN7001

Pair of extractors for outer casings

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