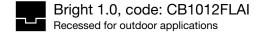




Made in Italy



3/11/2025 Rev. 17/2024



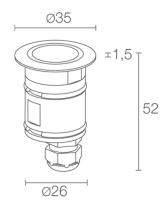












DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); walkover up to 500 kg; recessed (ceiling, wall, floor); Power consumption: max 2W; Power supply: max 500mA; Lumen output at source: 195 lm (3000K, 500mA); Delivered lumen output: 127 lm (3000K, 500mA, 21°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 43°; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; RAL finish on request; Screen material: screen in tempered, transparent extra-clear glass; 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; version with LED colour 2200K available on request; 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: 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: Ø35x52 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, WE0500A Semi-diffusing screen, half transparent and half frosted, WE0500S Anti-glare screen, half transparent and half serigraphed black, WG0301 Retaining spring clip Ø30mm, WH0101 Honeycomb louvre; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

DATASHEET TECHNICAL DATA



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	60 000h L90 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	43°
Lumen output at source	195 lm (3000K, 500mA)
Delivered lumen output	127 lm (3000K, 500mA, 21°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø35x52 mm
Weight	200 g
Mounting	with fixing springs or outer casing
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in transparent, tempered extra-clear glass
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
Notes	version with LED colour 2200K available on request; Casambi control using the Casambi app with dedicated electronics

BRIGHT 1.0, CODE: CB1012FLAI

PHOTOMETRIC DATA AND ACCESSORIES



PHOTOMETRIC DATA

$$L-43^{\circ}$$

		Lux max (3000K)	cd/Klm max 1623	— C0 - C180
H (m)	Ø (m)		1+1/	H
1.00	0.79	153		XX
2.00	1.58	38		
3.00	2.37	17		
4.00	3.16	10	30°	30°
5.00	3.95	6	0°	

ACCESSORIES

Installation Accessories







WC0202 Outer casing

WG0301 Retaining spring clip Ø30mm

Anti-glare



WH0101

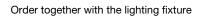
Honeycomb louvre built into the lighting fixture
The Honeycomb louvre can be fitted on all fixed optics except for diffuse and sharp optics
Order together with the lighting fixture

Optical Accessories



WE0500A

Semi-diffusing screen, half transparent and half frosted built into the lighting fixture Optics 10°, 21°, 43°





WE0500S

Anti-glare screen, half transparent and half serigraphed black built into the lighting fixture Optics 10°, 21°, 43°

Order together with the lighting fixture

DATASHEET BRIGHT 1.0, CODE: CB1012FLAI

PHOTOMETRIC DATA AND ACCESSORIES



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