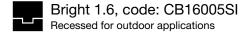




Made in Italy



02/12/2025 Rev. 15/2024



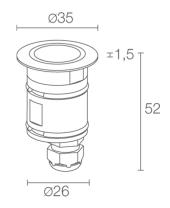












DESCRIPTION

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: 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: 10°; 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; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP65, IP68; Impact resistance: IK10; 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 supply 24Vdc Power supply unit power supply unit not included LEGHTING CHARACTERISTICS Mumber and type of LED 1 power LED Average LED life 60 000h L90 B10 (Ta 25°C) LED colour 3000 K CRIC Colour Rendering Index 8 Binning 2-step MacAdam Optics 15° (R3000K) Lumen output at source 195 Im (8000K, 21°) Elivered Lumen output 195 Im (8000K, 21°) MECHANICAL CHARACTERISTICS Weight Body material 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 300 mm Yolund of thermal heatsink 800x 100 mm ERNEAL CHARACTERISTICS Ingress protection P68, IP88 Operating temperature 20°C - +45°C Ingress protection F(light source) in accordance with		
Power supply 24Vdc Power supply unit power supply unit not included LIGHTING CHARACTERISTICS Number and type of LED 1 power LED Average LED life 60 000 L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 2-step MacAdam Optics 15 m (3000K) Delivered lumen output 127 im (3000K, 21°) MECHANICAL CHARACTERISTICS Weight 20 g Would find in AISI 316L stainless steel Screen material 2 creen in transparent, tempered extra-clear glass Volume of themal heatsink 3030 mm Volume of themal heatsink 3030 mm Screen material 2 creen in transparent, tempered extra-clear glass Cyberating temperature 20°C - +45°C General CHARACTERISTICS 1 (Fig. 1968 Operating temperature 20°C - +45°C General cesistance 1 (Fig. 1968) Operating temperature 20°C (Ta 25°C) Assimum device temperature 50°C (Ta 25°C) Again and device temperature	ELECTRICAL CHARACTERISTICS	
Dever 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 CRIC Colour Rendering Index 80 Binning 2-step MacAdam Optics 10° Lumen output at source 195 Im (3000K) Delivered lumen output MECHANICAL CHARACTERISTICS Weight Weight 200 g Mounting 35x52 mm Weight 200 g Mounting with fixing springs or outer casing Body and trim in AISI 316L stainless steel Screen material Screen material 300 mm Volume of thermal heatsink 300 mm Volume	Power consumption	2W
LIGHTING CHARACTERISTICS Number and type of LED 1 power LED Average LED life 60 000 h L90 B10 (Ta 25°C) LED colour 3000 K CRIC Colour Rendering Index 80 Binning 2-step MacAdam Optics 10° Lumen output at source 195 Im (3000K) Delivered lumen output 227 Im (3000K, 21°) MECHANICAL CHARACTERISTICS Dimensions 035x52 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 030 mm Volume of thermal heatsink 080x100 mm GENERAL CHARACTERISTICS Ingeress protection (P65, IP68 Operating temperature 20°C - +45°C Ingeress protection (F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Maximum device temperature 960°C Appliance class 1 class III<	Power supply	24Vdc
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 10° Lumen output at source 195 Im (3000K) Delivered lumen output 127 Im (3000K, 21°) MECHANICAL CHARACTERISTICS Weight 200 g Mounting with fixing springs or outer casing Body material body and trim in AISI 316 L stainless steel Screen material screen in transparent, tempered extra-clear glass Cutout dimensions 030 mm Volume of thermal heatsink 080x100 mm Bogs protection Poerating temperature Ingress protection IP65, IP68 Operating temperature IK10 Energy efficiency class F (light source) in accordance with EU 2019/2015 Giow wire test 960°C Maximum device temperature 960°C Appliance class class III Drive-over no	Power supply unit	power supply unit not included
Average LED life 60 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 2-step MacAdam Optics 10° Lumen output at source 195 im (3000K) Delivered lumen output 127 lm (3000K, 21") MECHANICAL CHARACTERISTICS 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 030 mm Volume of thermal heatsink 080x100 mm ENERRAL CHARACTERISTICS Ingess protection 1P65, IP68 Operating temperature -20°C - +45°C Ingest 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 Maylorer up to 500 kg	LIGHTING CHARACTERISTICS	
LED colour 3000K CRI Colour Rendering Index 80 Binning 2-step MacAdam Optics 10° Lumen output at source 195 In (3000K, 21°) Delivered lumen output 127 In (3000K, 21°) MECHANICAL CHARACTERISTICS 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 030 mm Volume of thermal heatsink 030 mm GENERAL CHARACTERISTICS Ingress protection 1P65, 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 II Drive-over no Walkover up to 500 kg Power cables includes 1.5 m neoprene cabl	Number and type of LED	1 power LED
CRI Colour Rendering Index 80 Binning 2-step MacAdam Optics 10° Lumen output at source 195 Im (3000K) Belivered lumen output 127 Im (3000K, 21") MECHANICAL CHARACTERISTICS Dimensions 035x52 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 030 mm Volume of thermal heatsink 080x100 mm Volume of thermal heatsink 080x100 mm FOPERAL CHARACTERISTICS Imperenture 20°C - +45°C Impact resistance IK10 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 96°C Maximum device temperature 50°C (Ta 25°C) Maximum device temperature class III Drive-over no Walkover up to 500 kg	Average LED life	60 000h L90 B10 (Ta 25°C)
Binning 2-step MacAdam Optics 10° Lumen output at source 195 Im (3000K) MECHANICAL CHARACTERISTICS Dimensions 035x52 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 030 mm Volume of thermal heatsink 080x100 mm Volume of thermal heatsink 080x100 mm FOPERAL CHARACTERISTICS Ingress protection IP65, IP68 Operating temperature -20°C - +45°C Impact resistance IR10 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Maximum device temperature 10°C (Ta 25°C) Appliance class class III Drive-over no Will kover up to 500 kg Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm	LED colour	3000K
Optics 10° Lumen output at source 195 Im (3000K) Delivered lumen output 127 Im (3000K, 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 IK1(gist 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)	CRI Colour Rendering Index	80
Lumen output at source 195 Im (3000K) Delivered lumen output 127 Im (3000K, 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 06,3 mm Protection systems IPS (Intelligent Protection System)	Binning	2-step MacAdam
Delivered lumen output 127 Im (3000K, 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 ERNERAL 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)	Optics	10°
MECHANICAL CHARACTERISTICSDimensionsØ35x52 mmWeight200 gMountingwith fixing springs or outer casingBody materialbody and trim in AISI 316L stainless steelScreen materialscreen in transparent, tempered extra-clear glassCutout dimensionsØ30 mmVolume of thermal heatsinkØ80x100 mmGENERAL CHARACTERISTICSIngress protectionIP65, IP68Operating temperature-20°C - +45°CImpact resistanceIK10Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CMaximum device temperature50°C (Ta 25°C)Appliance classclass IIIDrive-overnoWalkoverup to 500 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyin accordance with IEC TR 62778:2014	Lumen output at source	195 lm (3000K)
Dimensions 035x52 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 030 mm Volume of thermal heatsink 080x100 mm CENERAL 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 II Drive-over no Walkover up to 500 kg Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm Protection systems IPS (Intelligent Protection System) Photobiological safety in accordance with IEC TR 62778:2014	Delivered lumen output	127 lm (3000K, 21°)
Weight200 gMountingwith fixing springs or outer casingBody materialbody and trim in AISI 316L stainless steelScreen materialscreen in transparent, tempered extra-clear glassCutout dimensionsØ30 mmVolume of thermal heatsinkØ80x100 mmBIPSES protectionOperating temperature-20°C - +45°CImpact resistanceIK10Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CMaximum device temperature50°C (Ta 25°C)Appliance classclass IIIDrive-overnoWalkoverup to 500 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyin accordance with IEC TR 62778:2014	MECHANICAL CHARACTERISTICS	
Mountingwith fixing springs or outer casingBody materialbody and trim in AISI 316L stainless steelScreen materialscreen in transparent, tempered extra-clear glassCutout dimensionsØ30 mmVolume of thermal heatsinkØ80x100 mmGENERAL CHARACTERISTICSIngress protectionIP65, IP68Operating temperature-20°C - +45°CImpact resistanceIK10Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CMaximum device temperature50°C (Ta 25°C)Appliance classclass IIIDrive-overnoWalkoverup to 500 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyin accordance with IEC TR 62778:2014	Dimensions	Ø35x52 mm
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	Weight	200 g
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	Mounting	with fixing springs or outer casing
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	Body material	body and trim in AISI 316L stainless steel
Volume of thermal heatsink 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	Screen material	screen in transparent, tempered extra-clear glass
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	Cutout dimensions	Ø30 mm
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 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	Volume of thermal heatsink	Ø80x100 mm
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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	Operating temperature	-20°C — +45°C
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	Impact resistance	IK10
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	Energy efficiency class	F (light source) in accordance with EU 2019/2015
Appliance class 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	Glow wire test	960°C
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	Maximum device temperature	50°C (Ta 25°C)
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	Appliance class	class III
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	Drive-over	no
Protection systems IPS (Intelligent Protection System) Photobiological safety in accordance with IEC TR 62778:2014	Walkover	up to 500 kg
Photobiological safety in accordance with IEC TR 62778:2014	Power cables	·
·	Protection systems	IPS (Intelligent Protection System)
	Photobiological safety	
Notes Casambi control using the Casambi app with dedicated electronics	Notes	Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA AND ACCESSORIES



PHOTOMETRIC DATA

$S-10^{\circ}$

		Lux max (3000K) cd/Klm max 25060 — C0 - C180
H (m)	Ø (m)	
1.00	0.17	2180
2.00	0.33	545
3.00	0.50	242
4.00	0.66	136 30°
5.00	0.83	87 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°

Order together with the lighting fixture



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 BI

PHOTOMETRIC DATA AND ACCESSORIES

BRIGHT 1.6, CODE: CB16005SI



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