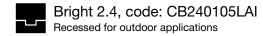




Made in Italy



31/10/2025 Rev. 13/2024







DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); drive-over up to 2000 kg; recessed (ceiling, wall, floor); Power consumption: 7W; Power supply: 24Vdc; Lumen output at source: 657 lm (3000K, 7W, CRI 80); Delivered lumen output: 463 lm (3000K, 34°, 7W, CRI 80); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 45°; CRI Colour Rendering Index: 80; Body material: body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel; Finishes: stainless steel; Body: black anodized aluminium; Screen material: screen in tempered, transparent extra-clear glass; Thickness of installation surface: min 0 mm, max 25 mm; power supply unit not included; includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP68, IP69; Impact resistance: IK10; version with 5° optics (with white LED colour and 3,5W power) available on request; version with 9W power (with white LED colour) 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; 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; Operating temperature: -20°C - +45°C; Maximum device temperature: 55°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: stainless steel trim: 440 g, aluminium trim: 330 g; Dimensions: Ø85x63 mm; Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø 180 mm, H 120 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400A Semi-diffusing screen, half transparent and half frosted, WE0400S Anti-glare screen, half transparent and half serigraphed black, WG0100 Retaining spring clip Ø70mm, WH0201 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



Power consumption	7W	
Power supply	24Vdc	
Power supply unit	power supply unit not included	
LIGHTING CHARACTERISTICS		
Number and type of LED	1 high-intensity power LED	
Average LED life	50 000h L90 B10 (Ta 25°C)	
LED colour	3000K	
CRI Colour Rendering Index	80	
Binning	3-step MacAdam	
Optics	45°	
Lumen output at source	657 lm (3000K, 7W, CRI 80)	
Delivered lumen output	463 lm (3000K, 34°, 7W, CRI 80)	
MECHANICAL CHARACTERISTICS		
Dimensions	Ø85x63 mm	
Weight	stainless steel trim: 440 g, aluminium trim: 330 g	
Finishes	stainless steel	
Body	black anodized aluminium	
Mounting	with fixing springs or outer casing	
Body material	body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel	
Screen material	screen in transparent, tempered extra-clear glass	
Cutout dimensions	Ø70 mm	
Volume of thermal heatsink	Ø 180 mm, H 120 mm	
GENERAL CHARACTERISTICS		
Ingress protection	IP65, IP68, 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°C	
Maximum device temperature	55°C (Ta 25°C)	
Appliance class	class III	
Walkover	yes	
Drive-over	up to 2000 kg	
Power cables	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm	
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device)	
Photobiological safety	in accordance with IEC TR 62778:2014	
Notes	version with 5° optics (with white LED colour and 3,5W power) available on request; version with 9W power (with white LED colour) available on request; Casambi control using the Casambi app with dedicated electronics	

PHOTOMETRIC DATA AND ACCESSORIES



PHOTOMETRIC DATA

L - 45° CRI 80

		Lux max (3000K)	cd/Klm max 1659	— C0 - C180
H (m)	Ø (m)	7W	1	H
1.00	0.83	619		XX
2.00	1.65	155	X	
3.00	2.48	69	// T	
4.00	3.30	39	30°	30°
5.00	4.13	25	0°	

ACCESSORIES

Installation Accessories





WC0100 Outer casing





WC0150 Outer casing



WC0103 Outer casing



WG0100 Retaining spring clip Ø70mm

Anti-glare



WH0201

Honeycomb louvre built into the lighting fixture The honeycomb louvre can be fitted on all fixed optics except for the sharp, asymmetrical $8^{\circ},\,8^{\circ}$ and diffuse optics Order together with the lighting fixture

Optical Accessories





DATASHEET

BRIGHT 2.4, CODE: CB240105LAI

PHOTOMETRIC DATA AND ACCESSORIES



WE0400A

Semi-diffusing screen, half transparent and half frosted built into the lighting fixture

Can be fitted on all optics except for diffuse and asymmetrical 8° optics Can be fitted on all optics except for diffuse and asymmetrical 8° optics and for RGB version

Order together with the lighting fixture

WE0400S

Anti-glare screen, half transparent and half serigraphed black built into the lighting fixture

and for RGB version

Order together with the lighting fixture

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.