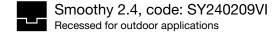




Made in Italy



26/11/2025 Rev. 11/2024













#### **DESCRIPTION**

recessed for outdoor applications; drive-over up to 1000 kg; walkover; 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: 4000K; Optics: 8°: optical system consisting of a high-efficiency TIR lens combined with a highquality technical filter; CRI Colour Rendering Index: 80; Body material: body made of ANTICORODAL 6082 aluminium alloy, made entirely on a CNC lathe and then electro-coloured black. Trim in AISI 316L stainless steel, made with a CNC lathe; Finishes: stainless steel; RAL finish on request; Screen material: 8-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; 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, IP67; Impact resistance: IK08; 5° optics and 3.5W version: 4000K only CRI 80; 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: 50°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 470 g; Dimensions: Ø84x67 mm; Cutout dimensions: Ø75 mm; Volume of thermal heatsink: Ø200x140 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4020 Outer casing, WE0701S Anti-glare screen, half transparent and half serigraphed black, WG0502 Retaining spring clip Ø75mm, WH0203 Honeycomb louvre, WL0100 Suction cup; 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	4000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	8°
Lumen output at source	657 lm (3000K, 7W, CRI 80)
Delivered lumen output	463 lm (3000K, 34°, 7W, CRI 80)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø84x67 mm
Weight	470 g
Finishes	stainless steel
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 tempered, transparent extra-clear glass
Cutout dimensions	Ø75 mm
Volume of thermal heatsink	Ø200x140 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP67
Operating temperature	-20°C — +45°C
Impact resistance	IK08
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
Walkover	yes
Drive-over	up to 1000 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	photobiological safety: risk group 1 according to EN 62471:2006
Notes	5° optics and 3.5W version: 4000K only CRI 80; Casambi control using the Casambi app with dedicated electronics

## PHOTOMETRIC DATA AND ACCESSORIES



## PHOTOMETRIC DATA

## V - 8° CRI 80

		Lux max (3000K )	cd/Klm max 23883	— C0 - C180
H (m)	Ø (m)	7W	1	H
1.00	0.15	9219		XX
2.00	0.31	2305		
3.00	0.46	1024	30°	30°
4.00	0.61	576	0°	50
5.00	0.77	369		

## **ACCESSORIES**

# Installation Accessories



WC4020 Outer casing



WG0502 Retaining spring clip Ø75mm

# Anti-glare



#### WH0203

Honeycomb louvre built into the lighting fixture The honeycomb louvre can be fitted on all optics except for sharp and diffuse optics; on 5° and 8° optics on request Order together with the lighting fixture

# **Optical Accessories**



## WE0701S

Anti-glare screen, half transparent and half serigraphed black built into the lighting fixture Can be fitted on all optics except for RGB version Order together with the lighting fixture

#### Other

# DATASHEET

PHOTOMETRIC DATA AND ACCESSORIES

SMOOTHY 2.4, CODE: SY240209VI





WL0100 Suction cup Recommended accessory

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