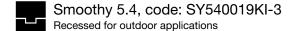




Made in Italy



( € ĽK CB [H 🗓 @ @ ☑ Ĉ kg 0,90 IP65 IP67 IK08 【 IPS) 🛂 (T max 50°C)





#### **DESCRIPTION**

recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 900 lm (3000K, 10W, CRI >90); Delivered lumen output: 645 lm (3000K, 38°, 10W, CRI >90); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: 55°: optical system consisting of a high-efficiency TIR lens; CRI Colour Rendering Index: >90; 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: 10-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 15 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP67; Impact resistance: IK08; 16°x69° optics adjustable through 360° using the magnet provided; version with 8° optics and 10W power 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 quarantees 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: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 900 g; Dimensions: Ø109x72 mm; Cutout dimensions: Ø100 mm; Volume of thermal heatsink: Ø220x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC4050 Outer casing, WE0702S Anti-glare screen, half transparent and half serigraphed black, WG0505 Retaining spring clip Ø100mm, WH0206 Honeycomb louvre, WL0500 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	10W	
Power supply	24Vdc	
Power supply unit	power supply unit not included	
LIGHTING CHARACTERISTICS	power supply unit not included	
	1 high newer density COR LED	
Number and type of LED  Average LED life	1 high power density COB LED 50 000h L95 B10 (Ta 25°C)	
LED colour	4000K	
CRI Colour Rendering Index	>90	
Binning	2-step MacAdam	
Optics	55°	
Lumen output at source	900 lm (3000K, 10W, CRI >90)	
Delivered lumen output	645 lm (3000K, 38°, 10W, CRI >90)	
MECHANICAL CHARACTERISTICS	5.5 m. (65551, 55 , 1511, 511 × 50)	
Dimensions	Ø109x72 mm	
Weight	900 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	Ø100 mm	
Volume of thermal heatsink	Ø220x150 mm	
GENERAL CHARACTERISTICS		
Ingress protection	IP65, IP67	
Operating temperature	-20°C — +45°C	
Impact resistance	IK08	
Features	16°x69° optics adjustable through 360° using the magnet provided	
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	no	
Power cables	includes 15 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm	
Protection systems	IPS (Intelligent Protection System)	
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006	
Notes	version with 8° optics and 10W power available on request; Casambi control using the Casambi app with dedicated electronics	



#### PHOTOMETRIC DATA

# K - 55° CRI 80

		Lux max (3000K)	cd/Klm max 1267	— C0 - C180
H (m)	Ø (m)	10W		H
1.00	1.04	1070		XX
2.00	2.08	268	X	
3.00	3.12	119	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
4.00	4.16	67	30°	30°
5.00	5.20	43	0°	

#### **ACCESSORIES**

# Installation Accessories





WC4050 Outer casing



WG0505 Retaining spring clip Ø100mm

# Anti-glare



#### WH0206

Honeycomb louvre built into the lighting fixture The honeycomb louvre can be fitted on all optics except for sharp, diffuse and 16°x69° adjustable optics Order together with the lighting fixture

# **Optical Accessories**



### WE0702S

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

#### Other

# DATASHEET

# SMOOTHY 5.4, CODE: SY540019KI-3

#### PHOTOMETRIC DATA AND ACCESSORIES





WL0500 Suction cup Recommended accessory

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