Design iGuzzini

iGuzzini Bespoke

Last information update: April 2025

### Product configuration: SG03

SG03: Pole-mounted system – STW optic – Neutral White – Midnight – CRI70



### Product code

SG03: Pole-mounted system - STW optic - Neutral White - Midnight - CRI70

## Technical description

Outdoor luminaire with direct light street optic. Die-cast aluminium alloy optical assembly with steel spring and 4mm thick tempered glass. Option of  $\pm$  15° tilt adjustment in relation to the road surface. The IP rating is guaranteed by a silicone gasket. The product is supplied with an output cable L=500mm long. The product can be installed with a pole-top or lateral mounting using an attachment (to be purchased separately as an accessory). The component assembly is opened thanks to a hinge, so it is tool-free. The product is equipped with a power supply featuring Midnight protocol. All external screws are made of stainless steel.

#### Inctallation

The product can be installed with a pole-top or lateral mounting using an attachment (Ø60mm o Ø76mm) to be purchased separately as an accessory. Two adapters for Ø42mm or Ø46mm poles are also available as accessories.

	450
204	

471

Colour Grey (RAL 7010) (U9) Weight (Kg) 2.72

# Mounting

pole-top

Complies with EN60598-1 and pertinent regulations

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Technical data   Im system:				
W system: 17.6 Voltage [Vin]: 230  Im source: - Lamp code: LED  W source: - Number of lamps for optical 1  assembly:  ZVEI Code: LED  Im in emergency mode: - Number of optical 1  Total light flux at or above an angle of 90° [Lm]: Intervallo temperatura ambiente:  [%]: Power factor: See installation instructions  CRI (minimum): 70  Colour temperature [K]: 4000  MacAdam Step: 5  Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C)	Technical data			
Im source:       -       Lamp code:       LED         W source:       -       Number of lamps for optical assembly:       1         Luminous efficiency (lm/W, real value):       163.1       assembly:       LED         Im in emergency mode:       -       Number of optical assemblies:       1         Total light flux at or above an angle of 90° [Lm]:       Intervallo temperatura ambiente:       from -40°C to 50°C.         Light Output Ratio (L.O.R.) [%]:       100       Power factor:       See installation instructions         CRI (minimum):       70       Inrush current:       24.88 A / 236 μs         Colour temperature [K]:       4000       Minimum dimming %:       5         MacAdam Step:       5       Overvoltage protection:       10kV Common mode & 10kV Differential mode         Life Time LED 1:       100,000h - L90 - B10 (Ta 25°C)       Differential mode	Im system:	2870	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:  Luminous efficiency (lm/W, 163.1 assembly:  ZVEI Code:  LED  Im in emergency mode:  Total light flux at or above an angle of 90° [Lm]:  Light Output Ratio (L.O.R.) 100  CRI (minimum):  CRI (minimum):  Total light flux at or above an angle of 90° [Lm]:  Light Output Ratio (L.O.R.) 100  MacAdam Step:  See installation instructions  Minimum dimming %:  Tovervoltage protection:  Number of lamps for optical assembly:  LieD  Number of optical 1  assembly:  Intervallo temperatura from -40°C to 50°C.  See installation instructions  Minimum dimming %:  See installation instructions  Overvoltage protection:  10kV Common mode & 10kV  Differential mode	W system:	17.6	Voltage [Vin]:	230
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real value):  Im in emergency mode:  Total light flux at or above an angle of 90° [Lm]:  Light Output Ratio (L.O.R.)  CRI (minimum):  CRI (minimum):  Total light flux at or above an angle of 90° [Lm]:  Light Output Ratio (L.O.R.)  MacAdam Step:  Super factor:  Fower factor:  Power factor:  See installation instructions  Inrush current:  24.88 A / 236 μs  Overvoltage protection:  Toky Common mode & 10kV  Differential mode	W source:	-	Number of lamps for optical	1
Im in emergency mode:     -     Number of optical assemblies:     1       Total light flux at or above an angle of 90° [Lm]:     Intervallo temperatura ambiente:     from -40°C to 50°C.       Light Output Ratio (L.O.R.)     100     ambiente:       [%]:     Power factor:     See installation instructions       CRI (minimum):     70     Inrush current:     24.88 A / 236 μs       Colour temperature [K]:     4000     Minimum dimming %:     5       MacAdam Step:     5     Overvoltage protection:     10kV Common mode & 10kV Differential mode	Luminous efficiency (Im/W,	, 163.1	assembly:	
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Light Output Ratio (L.O.R.) 100 ambiente:  [%]: Power factor: See installation instructions  CRI (minimum): 70 Inrush current: 24.88 A / 236 µs  Colour temperature [K]: 4000 Minimum dimming %: 5  MacAdam Step: 5 Overvoltage protection: 10kV Common mode & 10kV  Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C)	Total light flux at or above	0	assemblies:	
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MacAdam Step: 5 Overvoltage protection: 10kV Common mode & 10kV Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Differential mode	CRI (minimum):	70	Inrush current:	24.88 A / 236 μs
Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Differential mode	Colour temperature [K]:	4000	Minimum dimming %:	5
200 Time 22B 1: 100,00011 200 B10 (14 20 0)	MacAdam Step:	5	Overvoltage protection:	10kV Common mode & 10kV
Control: Middle of the night	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		Differential mode
			Control:	Middle of the night

## Polar

