

Last information update: February 2025

**Product configuration: SG83**

SG83: Pole-mounted system – STW optic – Warm White – Midnight preset / ZHAGA – CRI70



**Product code**

SG83: Pole-mounted system – STW optic – Warm White – Midnight preset / ZHAGA – 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  $\pm 15^\circ$  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. Product fitted with a multi-pole Zhaga 4 Pin socket. All external screws are made of stainless steel.

**Installation**

The product can be installed with a pole-top or lateral mounting using an attachment ( $\varnothing 60\text{mm}$  or  $\varnothing 76\text{mm}$ ) to be purchased separately as an accessory. Two adapters for  $\varnothing 42\text{mm}$  or  $\varnothing 46\text{mm}$  poles are also available as accessories.

**Colour**

Grey (RAL 7010) (U9)

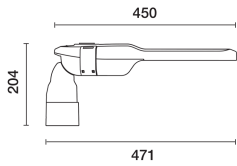
**Weight (Kg)**

2.84

**Mounting**

pole-top

Complies with EN60598-1 and pertinent regulations



**Technical data**

lm system:	4090	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	26.9	Voltage [Vin]:	230
lm source:	-	Lamp code:	LED
W source:	-	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	152	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	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:	20.3 A / 346 $\mu\text{s}$
Colour temperature [K]:	3000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 10 luminaires B16A: 17 luminaires C10A: 17 luminaires C16A: 28 luminaires
MacAdam Step:	5	Minimum dimming %:	1
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Overvoltage protection:	10kV Common mode & 10kV Differential mode

**Polar**

