

Last information update: February 2025

Product configuration: SG90

SG90: Pole-mounted system – ASF optic – Warm White – Midnight preset / ZHAGA – CRI70



Product code

SG90: Pole-mounted system – ASF 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 ± 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. 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 (Ø60mm or Ø76mm) to be purchased separately as an accessory. Two adapters for Ø42mm or Ø46mm poles are also available as accessories.

Colour

Grey (RAL 7010) (U9)

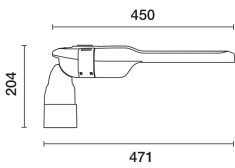
Weight (Kg)

2.84

Mounting

pole-top

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	2860	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	17.7	Voltage [Vin]:	230
Im source:	-	Lamp code:	LED
W source:	-	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	161.6	ZVEI Code:	LED
Im 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 µs
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

