

Last information update: February 2025

**Product configuration: SG73**

SG73: Pole-mounted system – STM optic – Warm White – Midnight preset / ZHAGA – CRI70



**Product code**

SG73: Pole-mounted system – STM 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)

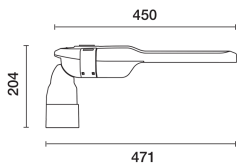
**Weight (Kg)**

2.84

**Mounting**

pole-top

Complies with EN60598-1 and pertinent regulations



**Technical data**

|  |                                |  |  |
|--|--------------------------------|--|--|
| Im system:   | 4240                           | Life Time LED 2:   | 100,000h - L90 - B10 (Ta 40°C)   |
| W system:  | 26.9                           | Voltage [Vin]:   | 230  |
| Im source:   | -                              | Lamp code:   | LED  |
| W source:  | -                              | Number of lamps for optical assembly:                                    | 1  |
| Luminous efficiency (Im/W, real value):            | 157.6                          | 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 $\mu\text{s}$   |
| Colour temperature [K]:                            | 3000                           | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 10 luminaires<br>B16A: 17 luminaires<br>C10A: 17 luminaires<br>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**

