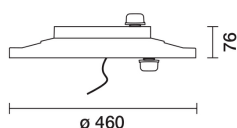


Last information update: April 2025

Product configuration: S437(Adapter-01-04-15-F5-H1)

S437: Pole-mounted system - STZr optic - Neutral White - Zhaga Up/Down

**Product code**

S437: Pole-mounted system - STZr optic - Neutral White - Zhaga Up/Down

Technical description

Outdoor luminaire with direct light street optic. The optical assembly is made of EN1706AC 46100LF aluminium alloy, subjected to a multi-step, pre-treatment process in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a textured acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. The 5 mm thick, sodium-calcium closing glass for both optical assemblies is fitted to the product via 3 captive screws on each side. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Product fitted with a double multi-pole Zhaga 4 PIN Up/Down socket. Complete with Neutral White monochrome LED circuit. The wiring and optical assembly can be opened with everyday tools. The luminous flux emitted in the upper hemisphere of the system in the horizontal position is null (when used with a black finish pole-mounting). Product pre-wired with a 1.1m long outlet cable. The IP68 connector can be purchased separately as an accessory. All external screws are made of stainless steel.

Installation

The optical assembly can be installed using two pole-tops that can be ordered separately as an accessory: one for Ø 60mm and one for Ø76mm. It can be installed on Ø102mm pole-tops using a reducer that can be purchased as an accessory.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5) | Deep Grey (H1)

Mounting

pole-top

Wiring

Connection to be made with an IP68 connector, which can be purchased separately.

Complies with EN60598-1 and pertinent regulations



IK08

IP66

**Technical data**

Im system:	7810.0	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
W system:	55.5	Life Time LED 2:	100,000h - L80 - B10 (Ta 25C)
Im source:	7810	Lamp code:	LED
W source:	50	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	140.72	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	15.62	Intervalllo temperatura ambiente:	from -40°C to 35°C.
Light Output Ratio (L.O.R.) [%]:	100	Power factor:	See installation instructions
Beam angle [°]:	99° / 69°	Inrush current:	4 A / - µs
CRI:	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 20 luminaires B16A: 33 luminaires C10A: 34 luminaires C16A: 56 luminaires
Colour temperature [K]:	4000	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	0kV Common mode & 0kV Differential mode