

Last information update: April 2025

Product configuration: 4087.H1+X660.H3

4087.H1: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga Up/Down - Deep gray

X660.H3: Adapter required for pole-mounted installation for Zhaga version - to be ordered together with the optical assembly - Ø60mm - Glossy black



Product code

4087.H1: Pole-mounted system - STCy0.5 optic - Warm White - Zhaga Up/Down - Deep gray

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 Warm White monochrome LED circuit. The wiring and optical assembly can be opened with everyday tools. The light flow 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.

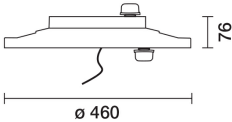
Colour
Deep Grey (H1)

Weight (Kg)
6.89

Mounting
pole-top

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

Complies with EN60598-1 and pertinent regulations



Accessory code

X660.H3: Adapter required for pole-mounted installation for Zhaga version - to be ordered together with the optical assembly - Ø60mm - Glossy black

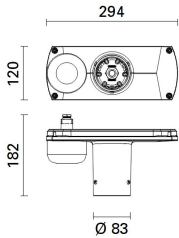
Technical description

Adapter required for pole-mounted installation for Zhaga version - to be ordered together with the optical assembly - Ø60mm

Colour
Glossy Black (H3)

Weight (Kg)
1.41

Complies with EN60598-1 and pertinent regulations



Im system:	2370	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	19.3	Lamp code:	LED
Im source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	122.8	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -40°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	100	Inrush current:	21 A / 300 µs
CRI (minimum):	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	3000		
MacAdam Step:	3	Minimum dimming %:	10
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Overvoltage protection:	10kV Common mode & 6kV Differential mode

A candela diagram (photometric distribution diagram) showing the beam spread and throw characteristics. The diagram is a polar plot with concentric circles representing beam diameter (2500, 5000, 7500, 10000, 12500, 15000, 17500, 20000, 22500, 25000, 27500, 30000, 32500, 35000, 37500, 40000, 42500, 45000, 47500, 50000, 52500, 55000, 57500, 60000, 62500, 65000, 67500, 70000, 72500, 75000, 77500, 80000, 82500, 85000, 87500, 90000, 92500, 95000, 97500, 100000) and radial lines representing beam angle (0°, 90°, 180°, 270°, 360°). The diagram shows three beam profiles: a solid red line, a dashed red line, and a solid blue line. The solid red line represents the beam spread at 154° (LA0.5=154). The dashed red line represents the beam spread at 154° (LA0.5=154). The solid blue line represents the beam spread at 154° (LA0.5=154). The diagram also shows the beam throw characteristics (THROW=intermediate) and the beam spread (SPREAD=narrow). The diagram is labeled with the following parameters: I_{max}=1640 cd, C15-195 γ=64°, CIE, LA0.5=154, SPREAD=narrow, THROW=intermediate, SLI=6.9, DIN, KB2, CEN, G*3, D6.

Utilisation factors

