

Last information update: April 2025

**Product configuration: S431.15+X660.H3**

S431.15: Pole-mounted system - STZI optic - Neutral White - Zhaga Down - Grey

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



**Product code**

S431.15: Pole-mounted system - STZI optic - Neutral White - Zhaga Down - Grey

**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 multi-pole Zhaga 4 PIN 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**

Grey (15)

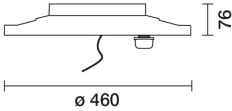
**Mounting**

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

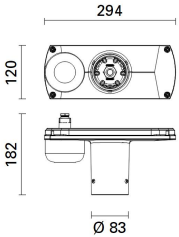
**Colour**

Glossy Black (H3)

**Weight (Kg)**

1.41

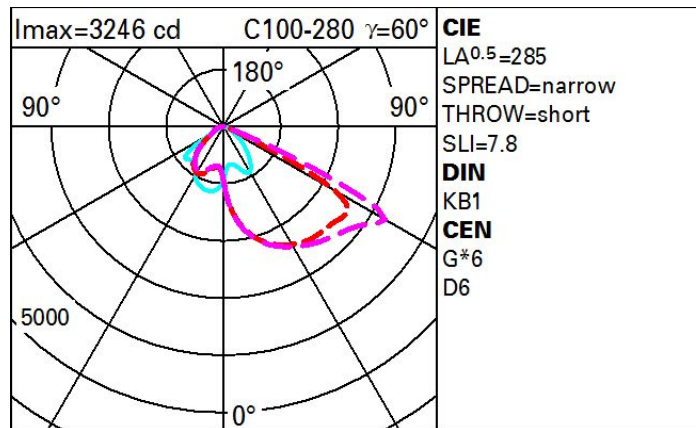
Complies with EN60598-1 and pertinent regulations



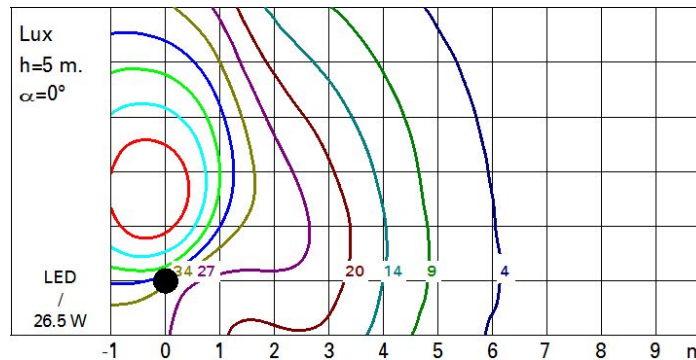
# Technical data

Im system:	3800	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	26.5	Lamp code:	LED
Im source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	143.4	Number of optical assemblies:	1
Im in emergency mode:	-	Intervalllo 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]:	5700	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

# Polar



# Isolux



Utilisation factors

