

Last information update: March 2025

### Product configuration: N446.15+X586.15

N446.15: Pole-mounted system - ST1 optic - Neutral White - integrated DALI - Ø 42-76mm - Zhaga Down - 22.1W 3260lm - 4000K - Grey

X586.15: Adapter required for installation on pole - To be ordered together with optic assembly - from Ø42 to Ø60mm - Grey



### Product code

N446.15: Pole-mounted system - ST1 optic - Neutral White - integrated DALI - Ø 42-76mm - Zhaga Down - 22.1W 3260lm - 4000K - Grey

### Technical description

Outdoor luminaire with direct light street optic. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and 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. Option of adjusting the inclination in relation to the road surface by +20°/0° (in 5° steps) for a pole-top installation and +5°/-20° (in 5° steps) for a lateral installation. 5 mm thick extra-clear sodium-calcium closure glass fastened to the product with 4 captive screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and polymer optic lenses. Product fitted with a multi-pole Zhaga 4 Pin socket. Product pre-wired with outlet cable. The IP68 connector can be purchased separately as an accessory. The wiring and optical compartment can be opened with everyday tools (no retention cables) or tool-free devices. The luminous flux emitted in the upper hemisphere of the system in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

### Installation

The spotlight can be installed with a pole-top or lateral mounting.

### Colour

Grey (15)

### Weight (Kg)

3.42

### Mounting

wall arm|pole-top

### Wiring

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

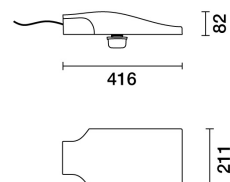
Complies with EN60598-1 and pertinent regulations



IK09

IP67

IP66



### Accessory code

X586.15: Adapter required for installation on pole - To be ordered together with optic assembly - from Ø42 to Ø60mm - Grey

### Technical description

Liquid painted die-cast accessory required for both pole-mounted (+20°/0°) and lateral (+5°/20°) installation. The screws used are made of stainless steel.

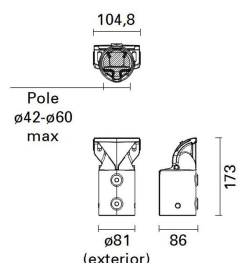
### Colour

Grey (15)

### Weight (Kg)

0.68

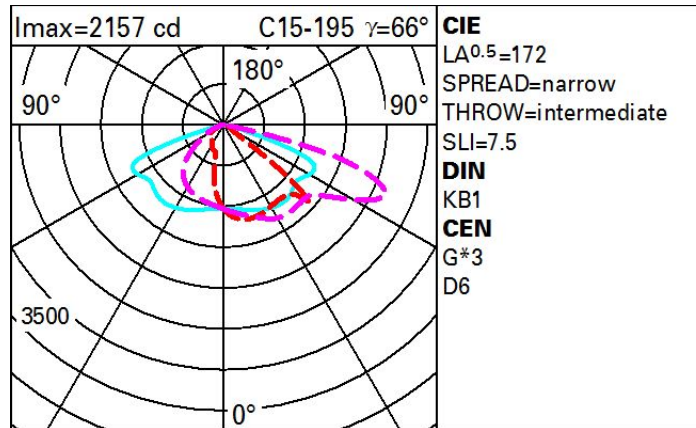
Complies with EN60598-1 and pertinent regulations



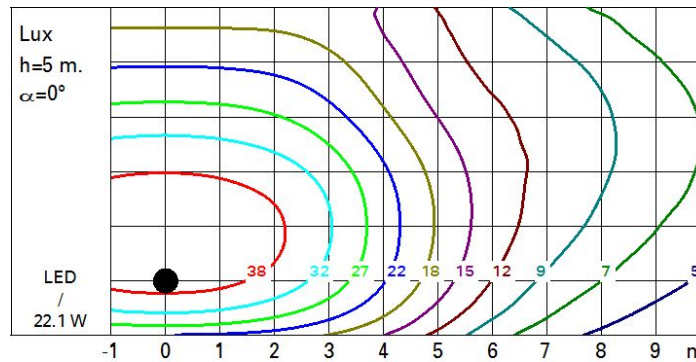
# Technical data

Im system:	3260	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	22.1	Voltage [Vin]:	230
Im source:	-	Lamp code:	LED
W source:	-	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	147.5	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:	26 A / - µs
Colour temperature [K]:	4000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 17 luminaires B16A: 28 luminaires C10A: 29 luminaires C16A: 47 luminaires
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

# Polar



# Isolux



Utilisation factors

