

Last information update: April 2025

Product configuration: E318.H1+X582.H3

E318.H1: Pole-mounted system - PS optic - Warm White - Deep gray

X582.H3: Adapter required for installation on pole - To be ordered together with optic assembly - Ø60mm - Glossy black

**Product code**

E318.H1: Pole-mounted system - PS optic - Warm White - 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. The Midnight preset (100-70%) power supply can be programmed via NFC technology. Power supply with automatic internal temperature control system. 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)

6.4

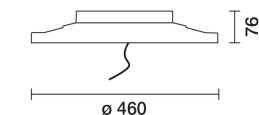
Mounting

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**

X582.H3: Adapter required for installation on pole - To be ordered together with optic assembly - Ø60mm - Glossy black

Technical description

Liquid painted die-cast accessory required for pole-mounted installation. The screws used are made of stainless steel - Ø60mm

Colour

Glossy Black (H3)

Weight (Kg)

1.45

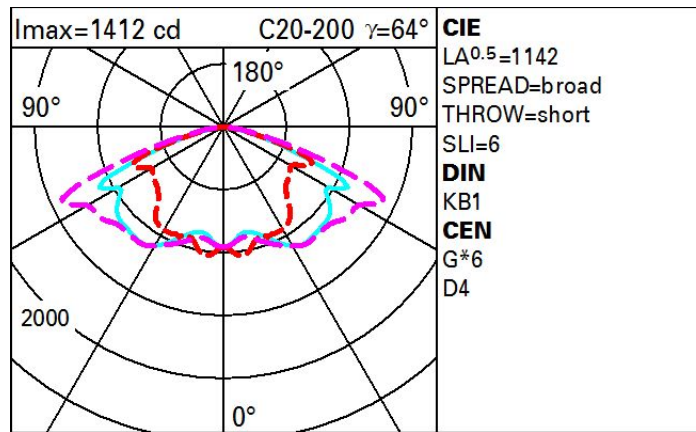
Complies with EN60598-1 and pertinent regulations

**Technical data**

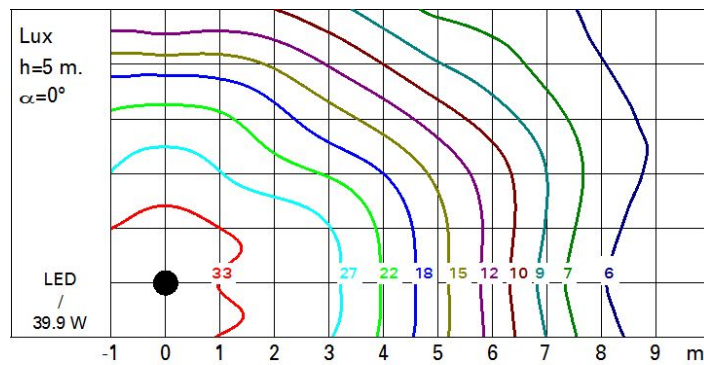
lm system:	4660	Lamp code:	LED
W system:	36	Number of lamps for optical assembly:	1
lm source:	4660	ZVEI Code:	LED
W source:	36	Number of optical assemblies:	1
Luminous efficiency (lm/W, real value):	129.4	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	21 A / 300 µs
Light Output Ratio (L.O.R.) [%]:	100	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
CRI (minimum):	70	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Colour temperature [K]:	3000	Control:	Midnight preset/DALI NFC
MacAdam Step:	3		

* Preliminary data

Polar



Isolux



Utilisation factors

