

Last information update: April 2025

**Product configuration: 2891.H1+X582.H3**

2891.H1: Pole-mounted system - ELL optic - Neutral White - Deep gray

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

**Product code**

2891.H1: Pole-mounted system - ELL optic - Neutral 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 Neutral 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



IK08

IP66

**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



IP66

**Technical data**

Im system: 7910

W system: 50

Im source: 7910

W source: 50

Luminous efficiency (Im/W, real value): 158.2

Im in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) [%]: 100

Beam angle [°]: 85° / 110°

CRI (minimum): 70

Colour temperature [K]: 4000

MacAdam Step: 3

Lamp code: LED

Number of lamps for optical assembly: 1

ZVEI Code: LED

Number of optical assemblies: 1

Intervallo temperatura ambiente: from -20°C to +35°C. (\*)

Power factor: See installation instructions

Inrush current: 43 A / 260 µs

Maximum number of luminaires of this type per miniature circuit breaker:

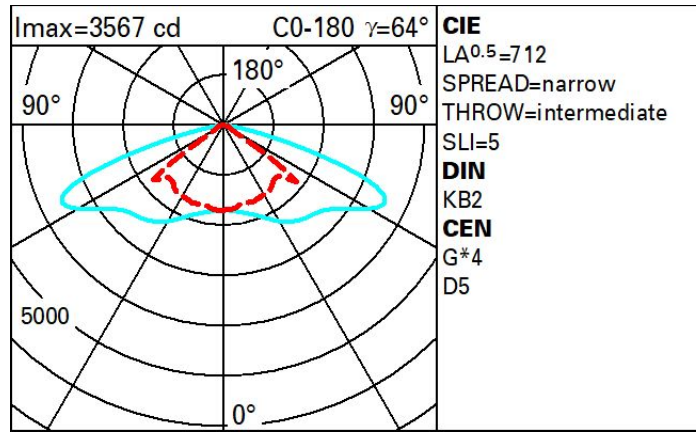
B10A: 6 luminaires  
B16A: 10 luminaires  
C10A: 10 luminaires  
C16A: 17 luminaires

Overvoltage protection: 10kV Common mode &amp; 6kV Differential mode

Control: Midnight preset/DALI NFC

\* Preliminary data

# Polar



# Isolux

