

# Technical datasheet

## POS-M-722-1-C17027



### Product description

Pos emits reliably efficient light on traffic roads and industrial areas to support safety and security outdoors. The smart function also offers a range of smart city functions.



**LED** 220-240V 50-60Hz **IP66**  **CE**  **CCT 2200 k** **CRI 70+** **CLO** 

### Product technical data

Mains voltage 220 - 240V AC, 50/60Hz

Connection method Screw terminal

Dimming type Non-dimmable

IP rating 66

Protection class I

Ambient temperature -40 to +50 °C

Light source LED

Colour temperature 2200k

Color rendering index 70

Rated luminous flux 8,749 lm

Connected load 78.03 W

Luminous efficacy 112.1 lm/W

Ripple 3 %

Inrush current 85 A

Inrush time 256 μs

Optical system Lenses

Optical part material Hardened glass

Housing material Die-cast aluminium

Surface finish Powder coated

Width 240.00 cm

Height 109.00 cm

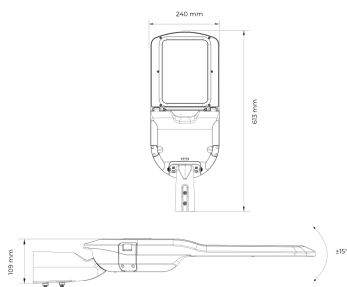
Length 613.00 cm

Weight 5.10 kg

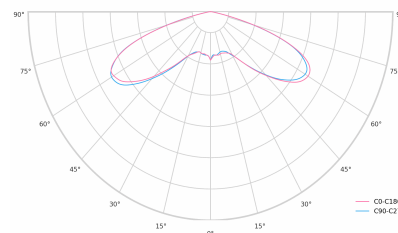
Service lifetime (L80 B10) >100 000 h

Warranty 7 years

### Dimensions



### Light distribution



### Constant Light Output (CLO)

This system compensates for the depreciation of luminous flux to avoid excess lighting at the beginning of the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lighting level during the luminaire's useful life.

Without a CLO feature, this simply means increasing the initial power upon installation in order to make up for luminous depreciation. By precisely controlling the luminous flux, the energy needed to reach the required level can be maintained throughout the luminaire's life.



A. Dimming level  
B. Time

### MidNight function

The MidNight function feature allows an autonomous dimming without the need for an additional control line. The output levels can be set to 0% (OFF) or between 10% and 100% in steps of 1%.

**Time-based:** The dimming profile defined in the reference schedule is referenced to the switch-on time of the LED driver.

**Astro-based:** The dimming profile defined in the reference schedule is referenced to the annual average middle of the night, which is calculated based on the theoretical sunrise and sunset times.



1. Standard lighting level  
2. LED lighting consumption with CLO  
3. Energy savings