

FREGAT CROSSING LED 55 (R) 4000K /E/

Street LED luminaires for crosswalks



Description

FREGAT CROSSING LED is a special version of street luminaires FREGAT LED, designed for illumination of crosswalks. The unique optical system enhances contrast and vertical illuminance, that allows a driver to see pedestrians from a greater distance, and to respond to changes of road conditions in advance.

Installation

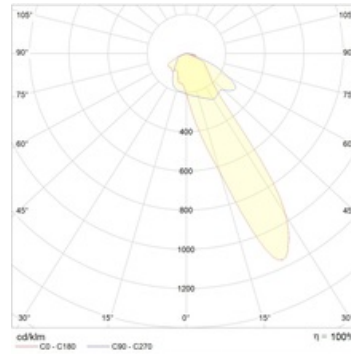
Post top or side entry mounting \varnothing 48/60.

Design

Housing and universal adjustable mounting fixture made of die-cast aluminum. A driver is installed inside the housing.

Optical part

Complex group optics with special light distribution for crosswalks with right-hand traffic. Diffuser is made of tempered glass. LED type: SMD.



Dimensional characteristics

| | | |
|---|---------------------|---------|
| A | Length | 722 mm |
| B | Width | 265 mm |
| C | Height | 91 mm |
| D | Diameter (mounting) | 60 mm |
| | Weight | 10.5 kg |

Technical features

| | | |
|----|-------------------------------------|--------------|
| 1 | Article no. | 1997023810 |
| 2 | Light source | LED |
| 3 | Luminous flux | 5600 lm |
| 4 | Power compatibility | 55 W |
| 5 | Energy efficiency | 102 lm/W |
| 6 | Color rendering index (CRI) | >70 |
| 7 | Color temperature | 4000 K |
| 8 | Power factor (cosFI) | > 0,95 |
| 9 | Alternating/direct current (AC/DC) | No |
| 10 | Dimming | - |
| 11 | Rated voltage | 230 V |
| 12 | Electrical shock protection | I |
| 13 | Electromagnetic compatibility (EMC) | Yes |
| 14 | Climate application | Clm App1 |
| 15 | Ambient temperature | -40 to +60 C |
| 16 | Housing color | Metallic |
| 17 | Fire protection class | III |
| 18 | Flickering | <1% |
| 19 | Ingress protection (IP) | IP66 |
| 20 | Mechanical shock protection | IK09/10 J |
| 21 | Energy efficiency class | A+ |
| 22 | Inrush current | 32 A |
| 23 | Inrush current impulse time | 267 µs |
| 24 | Emergency power supply unit | No |
| 25 | Beam angle | A20 |
| 26 | Warranty | 60 months |
| 27 | Autonomy in emergency mode | - |
| 28 | Light flux in emergency mode | - |