

FREGAT CROSSING LED 110 (R) class II 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.

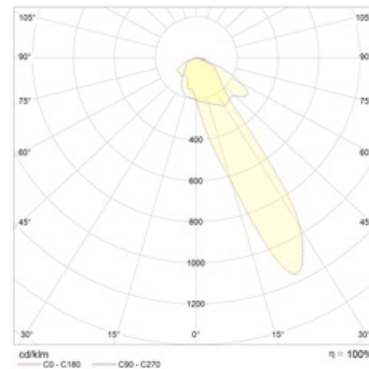
Optical part

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

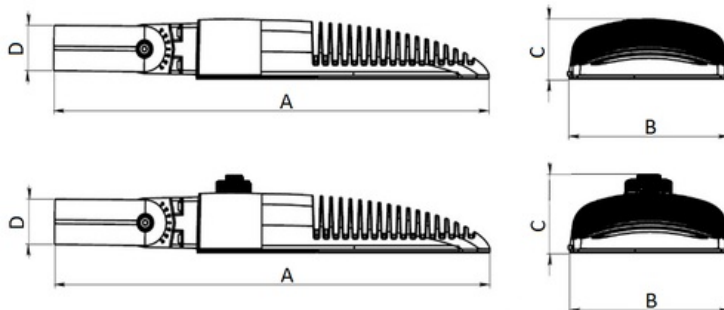
Product picture:



Light distribution:



Dimensions:



A	Length	722 mm
B	Width	265 mm
C	Height	91 mm
D	Diameter (mounting)	60 mm
	Weight	10 kg

Technical features

1	Article no.	1997032630
2	Light source	LED
3	Luminous flux	14000 lm
4	Power compatibility	105 W
5	Energy efficiency	133 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	II
13	Electromagnetic compatibility (EMC)	Yes
14	Climate application	Clm App1
15	Ambient temperature	-40 to +40 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	Emergency power supply unit	No
23	Beam angle	A20
24	Warranty	60 months
25	Autonomy in emergency mode	-
26	Light flux in emergency mode	-
27	Color of light	White