

# FREGAT LED 110 (W) PLC 5000K /E/

Arm-mounted luminaires



## Description

Street luminaire series with a unique optical systems, wide range of wattages, elegant design, optimum lighting characteristics, and a universal rotary mounting bracket. FREGAT LED is an effective solution for illuminating roadways of different categories.

## Installation

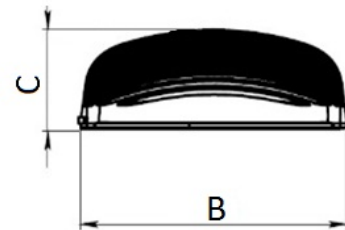
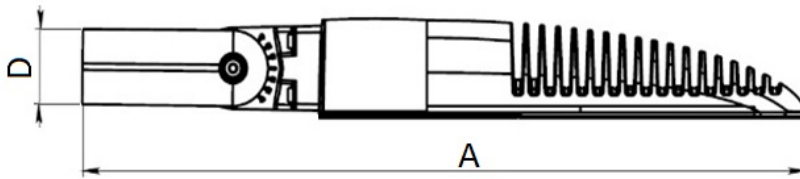
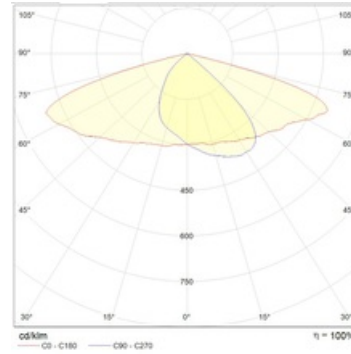
Post top or side entry mounting  $\varnothing$  48/60.

## 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 road wide distribution. 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	10.7 kg

## Technical features

1	Article no.	1997015900
2	Light source	LED
3	Luminous flux	14400 lm
4	Power compatibility	105 W
5	Energy efficiency	137 lm/W
6	Color rendering index (CRI)	>70
7	Color temperature	5000 K
8	Power factor (cosFI)	> 0,95
9	Alternating/direct current (AC/DC)	No
10	Dimming	PLC
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 +40 C
16	Housing color	Silver
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	65 A
23	Inrush current impulse time	0 µs
24	Emergency power supply unit	No
25	Beam angle	D150/80
26	Warranty	60 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-