

MAGISTRAL LED 300 (W) 4000K /E/

Effective lighting solution of highway



Description

Modern design, high efficiency, special optic system and convenient maintenance solution makes this luminaire best choice for highways and overhead roads.

Installation

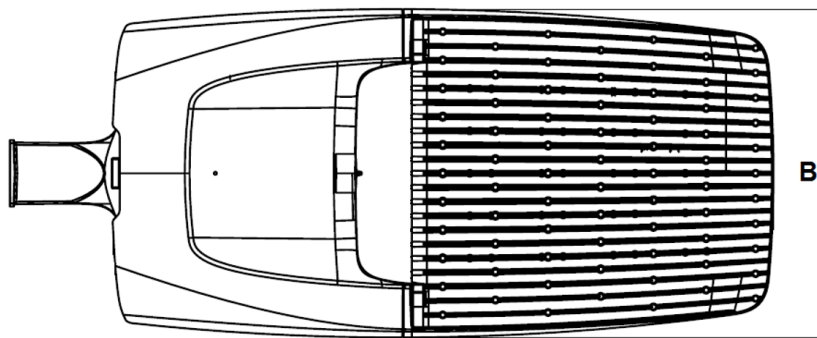
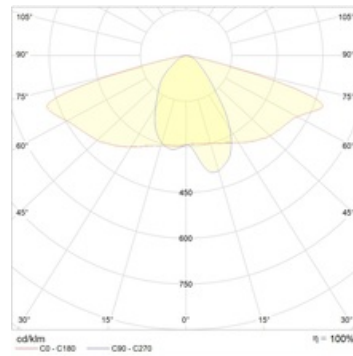
The luminaire can be mounted on outer support as well as on 48-60 mm pole post. Tilt angle is adjustable up to minus 15 degrees with 5 degree intervals

Design

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

Optical part

Complex cluster-type optics with a wide lateral and axial light distribution. Protective tempered silicate glass diffuser. LED type: SMD.



Dimensional characteristics

A	Length	956 mm
B	Width	410 mm
C	Height	188 mm
	Weight	16 kg

Technical features

1	Article no.	1997024770
2	Light source	LED
3	Luminous flux	39500 lm
4	Power compatibility	288 W
5	Energy efficiency	137 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	Clim 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	5 J
21	Energy efficiency class	A++
22	Inrush current	65 A
23	Inrush current impulse time	1200 µs
24	Emergency power supply unit	No
25	Beam angle	D120
26	Warranty	60 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-