

## MAGISTRAL LED 300 (SW) 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.

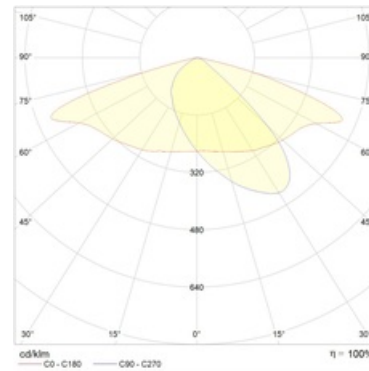
#### Optical part

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

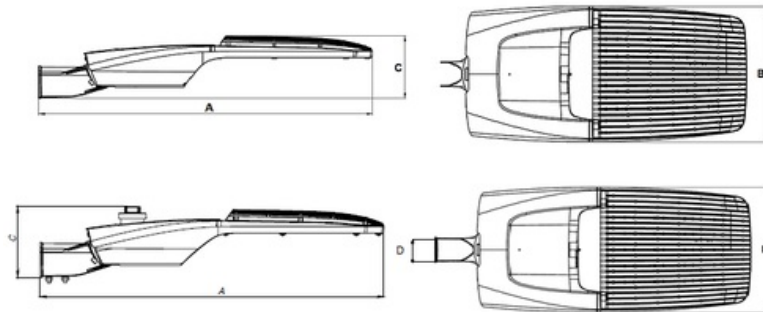
#### Product picture:



#### Light distribution:



#### Dimensions:



<b>A</b>	<b>Length</b>	<b>956 mm</b>
<b>B</b>	<b>Width</b>	<b>410 mm</b>
<b>C</b>	<b>Height</b>	<b>188 mm</b>
	<b>Weight</b>	<b>16 kg</b>

## Technical features

1	Article no.	1997024760
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	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	5 J
21	Energy efficiency class	A++
22	Inrush current	70 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	-
29	Color of light	White