

## MAGISTRAL LED 240 (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.

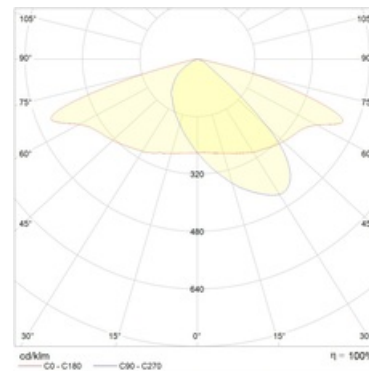
#### Optical part

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

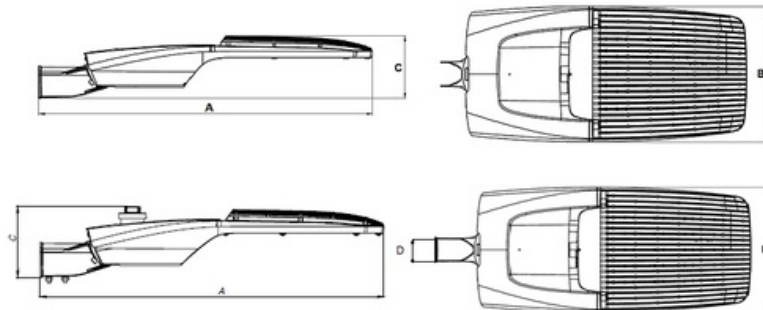
#### Product picture:



#### 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.                         | 1997024740   |
| 2  | Light source                        | LED          |
| 3  | Luminous flux                       | 29500 lm     |
| 4  | Power compatibility                 | 211 W        |
| 5  | Energy efficiency                   | 140 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                          | <5%          |
| 19 | Ingress protection (IP)             | IP66         |
| 20 | Mechanical shock protection         | 5 J          |
| 21 | Energy efficiency class             | A++          |
| 22 | Inrush current                      | 75 A         |
| 23 | Inrush current impulse time         | 500 µs       |
| 24 | Emergency power supply unit         | No           |
| 25 | Beam angle                          | D150/50      |
| 26 | Warranty                            | 60 months    |
| 27 | Autonomy in emergency mode          | -            |
| 28 | Light flux in emergency mode        | -            |
| 29 | Color of light                      | White        |