# ASTRA LED 12-24V

LED



IP66 | IK08

## TECHNICAL PARAMETERS

| | |
|---|---|
| Ingress protection: | IP66; |
| Impact resistance: | IK08; |
| Rated power of the luminaire [W]*: | 9.00 - 29.00 |
| Luminous flux [lm]*: | 1350 - 4300 |
| Colour temperature [K]: | 3000; 4000; |
| DC voltage range [V]: | 12 - 24; |
| SDCM: | ≤ 3; |
| Colour rendering index: | >80; |
| Electrical protection class: | III; |
| Energy efficiency class: | A++; A+; |
| Material of the body: | PP+FG; |
| Diffuser material: | PC; |
| Diffuser type: | matrix led; |
| Dimensions [mm]: | 640/233/113; |
| Warranty [years]: | 5; |

*Tolerance +/- 10%

## CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 153 lm/W) and an integrated energy-saving LED module. The self-cleaning body made of polypropylene (PP) with fibreglass (GF) and the grip made of aluminium. Thanks to the directional lens (made of PC), the light distribution meets the requirements of PN–EN 13201 lighting class. IP66 ingress protection class and IK08 impact-rating features make this fitting extremely tight and shock-resistant (vandal-resistant). Integrated, step-regulated grip allows to set the fitting by 5 degrees in the range of: -5° to +15° (peak to pole); -5° to +15° (side to boom).

The luminaire is adapted to supply voltage from solar panels, wind turbines, or other sources with an output voltage of 12-24V DC.

## APPLICATION

Streetlight fitting used in open spaces to lighten: streets, local roads, bicycle paths, alleys, pavements, car parks and squares. Installation and Mounting: lateral side entry, post-top mounting. Mounting grip integrated with the fitting.

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## AVAILABLE TYPES

Click >> index, to see details

### ASTRA LED 12-24V 9W

| Rated power of the luminaire [W]* | Colour temperature [K] | Luminous flux [lm]* | Diffuser type | Energy efficiency class | Index |
|---|---|---|---|---|---|
| 9 | 3000 | 1350 | matrix led | A++ | >> 663246 |
| 9 | 4000 | 1450 | matrix led | A++ | >> 663253 |

### ASTRA LED 12-24V 19W

| Rated power of the luminaire [W]* | Colour temperature [K] | Luminous flux [lm]* | Diffuser type | Energy efficiency class | Index |
|---|---|---|---|---|---|
| 19 | 3000 | 2750 | matrix led | A++ | >> 663260 |
| 19 | 4000 | 2900 | matrix led | A++ | >> 663277 |

### ASTRA LED 12-24V 29W

| Rated power of the luminaire [W]* | Colour temperature [K] | Luminous flux [lm]* | Diffuser type | Energy efficiency class | Index |
|---|---|---|---|---|---|
| 29 | 3000 | 4000 | matrix led | A+ | >> 663284 |
| 29 | 4000 | 4300 | matrix led | A++ | >> 663291 |

*Tolerance +/- 10%

## ACCESSORIES

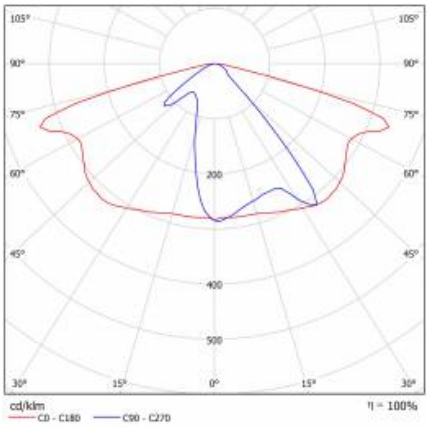
| Name | Index |
|---|---|
| mounting grip 78 mm | UL00229 |



mounting grip 78 mm (UL00229)

## LUMINOUS INTENSITY DISTRIB. CURVE

ASTRA LED



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*The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.*

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The luminaire complies with the EU ROHS Directive 2011/65/UE

This product is a subject to electric and electronic waste equipment regulations (WEEE).

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