

# ASTRA LED 12-24V 1240/1040LM 840 IP66 III KL. CORD 0.2M 9W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                                       | 663253    |
| <b>Ingress protection:</b>                          | IP66      |
| <b>Impact resistance:</b>                           | IK08      |
| <b>Rated power of the luminaire [W]*:</b>           | 9         |
| <b>Luminous flux of the luminaire [lm] - range:</b> | 1240/1040 |
| <b>Colour temperature [K]:</b>                      | 4000      |
| <b>SDCM:</b>  | ≤ 3       |
| <b>Colour rendering index:</b>                      | >80       |
| <b>Electrical protection class:</b>                 | III       |
| <b>Energy efficiency class:</b>                     | B         |

## 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); -15° to +5° (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. The luminous flux parameter is given for two values 12V and 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.

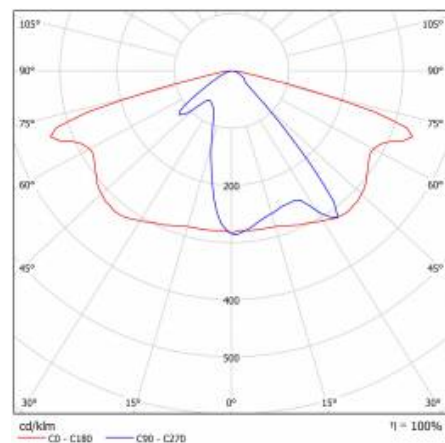
# ASTRA LED 12-24V 1240/1040LM 840 IP66 III KL. CORD 0.2M 9W

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|  |             |                              |   |
|--|-------------|------------------------------|---|
| Index:                                       | 663253      | Ingress protection:          | IP66  |
| Rated power of the luminaire [W]:            | 9           | Working temperature [°C]:    | from -20 to +35   |
| Colour temperature [K]:                      | 4000        | Tilt angle adjustment [°]:   | -5 to +15 (peak to pole); -15 to +5 (side to boom)                          |
| Luminous flux of the luminaire [lm] - range: | 1240/1040   | Lateral surface (SCx) [m2]:  | 0.018   |
| Luminous efficacy [lm/W]:                    | 151         | Wire type:                   | H07RN-F 2x1.5   |
| Energy efficiency class:                     | B           | Cable length [m]:            | 0.30  |
| Electrical protection class:                 | III         | Number on the palette [pcs]: | 62  |
| Diffuser type:                               | matrix led  | Net weight [kg]:             | 1.850   |
| Optics:                                      | matrix lens | DC voltage range [V]:        | 12 - 24   |
| Colour rendering index:                      | >80         | LED lifespan L70B50 [h]:     | 136000  |
| SDCM:  | ≤ 3         | LED lifespan L80B20 [h]:     | 86000   |
| Diffuser material:                           | PC          | LED lifespan L90B10 [h]:     | 41000   |
| Diffuser colour:                             | transparent | Category type:               | street lighting   |
| Optics material:                             | PC          | Photobiological safety:      | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Material of the body:                        | PP+FG       | ULOR:                        | 0%  |
| Dimensions (H/W/T/S) [mm]:                   | 640/233/113 | Warranty [years]:            | 6   |
| Mounting dimensions [mm]:                    | ø60         | CE certificate:              | <a href="#">99/2023</a>   |
| Impact resistance:                           | IK08        | Manual:                      | <a href="#">Download PDF</a>  |

## LIGHT CURVES



# ASTRA LED 12-24V 1240/1040LM 840 IP66 III KL. CORD 0.2M 9W

DETAILED CARD

## ACCESSORIES AVAILABLE

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



mounting grip 78 mm (UL00229)

Card creation date: 05 February 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



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



Certificate CE - Nr: 99/2023