

# ASTRA LED 24V 8900LM 857 AR4 IP66 III CL. 70W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                                       | 709678 |
| <b>Ingress protection:</b>                          | IP66   |
| <b>Impact resistance:</b>                           | IK08   |
| <b>Rated power of the luminaire [W]*:</b>           | 70     |
| <b>Luminous flux of the luminaire [lm] - range:</b> | 8900   |
| <b>Colour temperature [K]:</b>                      | 5700   |
| <b>SDCM:</b>  | ≤ 5    |
| <b>Colour rendering index:</b>                      | >80    |
| <b>Electrical protection class:</b>                 | III    |
| <b>Energy efficiency class:</b>                     | D      |

## 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 designed to be powered by photovoltaic panels, wind turbines of both off-grid and on-grid mixed systems or other sources with an output voltage of 24V DC. +- 15%

## 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.

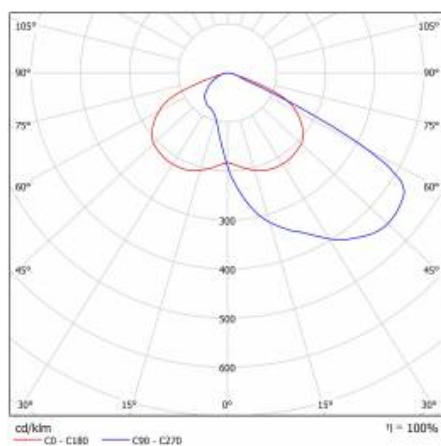
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## TECHNICAL PARAMETERS TABLE

|  |               |                              |                              |
|--|---------------|------------------------------|------------------------------|
| Index:                                       | 709678        | Dimensions (H/W/T/S) [mm]:   | 640/233/113                  |
| Rated power of the luminaire [W]:            | 70            | Mounting dimensions [mm]:    | Ø60                          |
| EAN:   | 5905963709678 | Impact resistance:           | IK08                         |
| Colour temperature [K]:                      | 5700          | Ingress protection:          | IP66                         |
| Light source:                                | LED module    | Working temperature [°C]:    | from -20 to +35              |
| Luminous flux of the luminaire [lm] - range: | 8900          | Lateral surface (SCx) [m2]:  | 0.018                        |
| Luminous efficacy [lm/W]:                    | 127           | Number on the palette [pcs]: | 62                           |
| Energy efficiency class:                     | D             | Net weight [kg]:             | 1.900                        |
| Electrical protection class:                 | III           | DC voltage range [V]:        | 20 - 28                      |
| Diffuser type:                               | transparent   | Category type:               | street lighting              |
| Optics:                                      | AR4           | Supply voltage [V]:          | 24                           |
| Colour rendering index:                      | >80           | Colour of the body:          | grey                         |
| SDCM:  | ≤ 5           | Mounting version:            | side, top                    |
| Diffuser material:                           | PC            | Warranty [years]:            | 6                            |
| Diffuser colour:                             | transparent   | CE certificate:              | <a href="#">22/2024</a>      |
| Material of the body:                        | PP+FG         | Manual:                      | <a href="#">Download PDF</a> |

## LIGHT CURVES



# ASTRA LED 24V 8900LM 857 AR4 IP66 III CL. 70W

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## 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: 22/2024