# ASTRA LED 24V 8500LM 840 AR4 IP66 III CL. 70W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 709586 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK08 |
| **Rated power of the luminaire [W]*:** | 70 |
| **Luminous flux of the luminaire [lm] - range:** | 8500 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 5 |
| **Color rendering index (Ra) >:** | 80 |
| **Electrical protection class:** | III |
| **Energy efficiency class:** | 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.

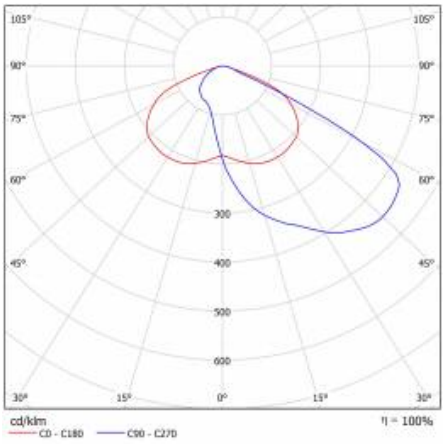
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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 709586 | **Dimensions (H/W/T/S) [mm]:** | 640/233/113 |
| **EAN:** | 5905963709586 | **Mounting dimensions [mm]:** | Ø60 |
| **Light source:** | LED module | **Impact resistance:** | IK08 |
| **Rated power of the luminaire [W]:** | 70 | **Ingress protection:** | IP66 |
| **Luminous flux of the luminaire [lm] - range:** | 8500 | **Working temperature [°C]:** | from -20 to +35 |
| **Luminous efficacy [lm/W]:** | 121 | **Lateral surface (SCx) [m2]:** | 0.018 |
| **Energy efficiency class:** | D | **Number on the palette [pcs]:** | 62 |
| **Electrical protection class:** | III | **Net weight [kg]:** | 1.900 |
| **Colour temperature [K]:** | 4000 | **DC voltage range [V]:** | 20 - 28 |
| **Color rendering index (Ra) >:** | 80 | **Category type:** | street lighting |
| **SDCM:** | 5 | **Supply voltage [V]:** | 24 |
| **Diffuser material:** | PC | **Colour of the body:** | grey |
| **Diffuser type:** | transparent | **Mounting version:** | side, top |
| **Diffuser colour:** | transparent | **Warranty [years]:** | 6 |
| **Optics:** | AR4 | **CE certificate:** | 22/2024 |
| **Material of the body:** | PP+FG | **Manual:** | Download PDF |

## LIGHT CURVES



# ASTRA LED 24V 8500LM 840 AR4 IP66 III CL. 70W

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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 598357 | Pole adapter 80/60 ALU |
| UL00214 | Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED |



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 22/2024

LENA LIGHTING

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