

# ASTRA LED 24V 8900LM 857 AR1 IP66 III CL. 70W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	709616
<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.

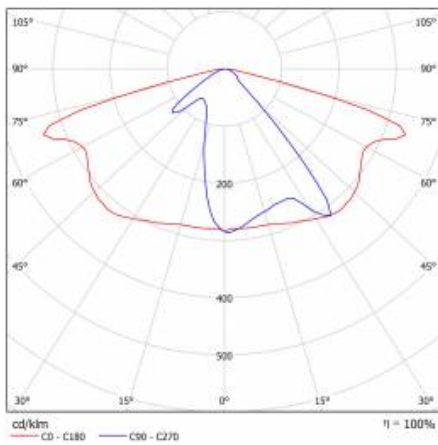
# ASTRA LED 24V 8900LM 857 AR1 IP66 III CL. 70W

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	709616	Dimensions (H/W/T/S) [mm]:	640/233/113
EAN:	5905963709616	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:	8900	Working temperature [°C]:	from -20 to +35
Luminous efficacy [lm/W]:	127	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]:	5700	DC voltage range [V]:	20 - 28
Colour rendering index:	>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:	AR1	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 AR1 IP66 III CL. 70W

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: 22/2024