

# ASTRA LED 9100LM 857 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	663086
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	69
<b>Luminous flux [lm]*:</b>	9100
<b>Colour temperature [K]:</b>	5700
<b>SDCM:</b>	≤ 5
<b>Colour rendering index:</b>	> 80
<b>Electrical protection class:</b>	II
<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). Options: any RAL color. RCR sensor controlled by remote control.

## APPLICATION

Luminaire applicable to: 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.

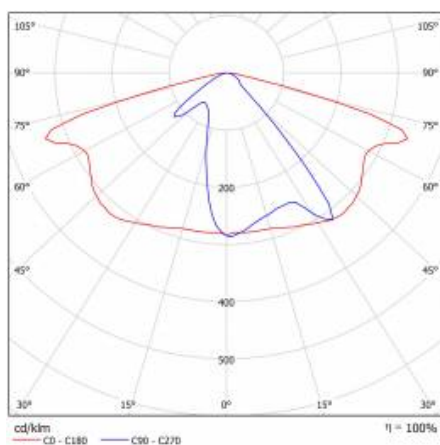
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	663086	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>EAN:</b>	5905963663086	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Light source:</b>	LED module	<b>Beam angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Rated power of the luminaire [W]:</b>	69	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Supply voltage [V]:</b>	220 - 240	<b>Wire type:</b>	H07RN-F
<b>Frequency [Hz]:</b>	50 - 60	<b>Cable length [m]:</b>	0.70
<b>Luminous flux [lm]:</b>	9100	<b>Protection type:</b>	10kV
<b>Luminous efficacy [lm/W]:</b>	132	<b>Number on the palette [pcs]:</b>	62
<b>Energy efficiency class:</b>	D	<b>Net weight [kg]:</b>	1.900
<b>Electrical protection class:</b>	II	<b>Category type:</b>	street lighting
<b>Colour temperature [K]:</b>	5700	<b>LED lifespan L80B20 [h]:</b>	75000
<b>Colour rendering index:</b>	> 80	<b>Light distribution type:</b>	symetryczny/uliczny
<b>SDCM:</b>	≤ 5	<b>ETIM class:</b>	EC000062
<b>Power factor:</b>	0.98	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Diffuser material:</b>	PC	<b>Surge protection [kV]:</b>	10
<b>Diffuser type:</b>	matrix led	<b>ULOR:</b>	0%
<b>Diffuser colour:</b>	transparent	<b>Optics:</b>	AR1
<b>Material of the body:</b>	PP+FG	<b>Control:</b>	ON/OFF
<b>Colour of the body:</b>	gray	<b>Optics material:</b>	PC
<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113	<b>Warranty [years]:</b>	5
<b>Mounting dimensions [mm]:</b>	ø60	<b>CE certificate:</b>	<a href="#">102/2023</a>
<b>Impact resistance:</b>	IK08	<b>ENEC Certificate:</b>	<a href="#">0324/ENEC/23</a>
<b>Ingress protection:</b>	IP66	<b>Manual:</b>	<a href="#">Download PDF</a>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
UL00229	mounting grip 78 mm



wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm (UL00229)

Card creation date: 02 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: 102/2023