

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	663086
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	69
Luminous flux [lm]*:	9100
Colour temperature [K]:	5700
SDCM:	≤ 5
Colour rendering index:	> 80
Electrical protection class:	II
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). 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.

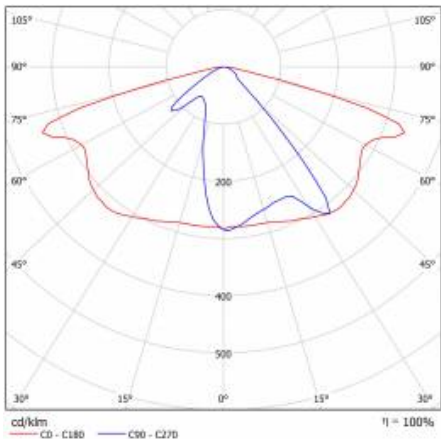
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TECHNICAL PARAMETERS TABLE

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

LIGHT CURVES



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DETAILED CARD

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: 03 June 2025
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