

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.

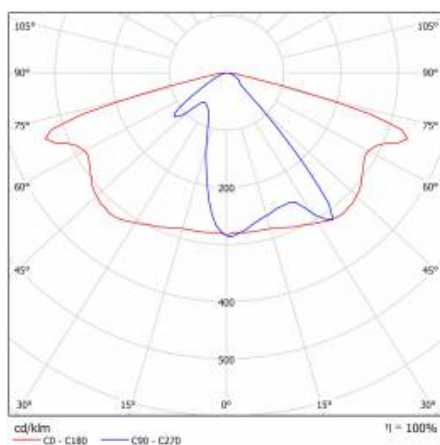
ASTRA LED 9100LM 857 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	663086	Mounting version:	Top, on pole / Side, on boom
EAN:	5905963663086	Working temperature [°C]:	from -20 to +35
Light source:	LED module	Beam angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Rated power of the luminaire [W]:	69	Lateral surface (SCx) [m2]:	0.018
Supply voltage [V]:	220 - 240	Wire type:	H07RN-F
Frequency [Hz]:	50 - 60	Cable length [m]:	0.70
Luminous flux [lm]:	9100	Protection type:	10kV
Luminous efficacy [lm/W]:	132	Number on the palette [pcs]:	62
Energy efficiency class:	D	Net weight [kg]:	1.900
Electrical protection class:	II	Category type:	street lighting
Colour temperature [K]:	5700	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	Optics:	AR1
Material of the body:	PP+FG	Control:	ON/OFF
Colour of the body:	gray	Optics material:	PC
Dimensions (H/W/T/S) [mm]:	640/233/113	Warranty [years]:	5
Mounting dimensions [mm]:	ø60	CE certificate:	102/2023
Impact resistance:	IK08	ENEC Certificate:	0324/ENEC/23
Ingress protection:	IP66	Manual:	Download PDF

LIGHT CURVES



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

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: 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