

ASTRA LED 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664809
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	103
Luminous flux [lm]*:	12800
Colour temperature [K]:	5700
SDCM:	≤ 5
Colour rendering index:	> 80
Electrical protection class:	I
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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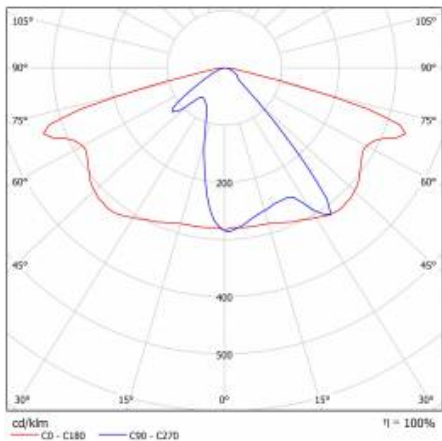
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TECHNICAL PARAMETERS TABLE

Index:	664809	Impact resistance:	IK08
EAN:	6648095905963	Ingress protection:	IP66
Rated power of the luminaire [W]:	103	Mounting version:	Top, on pole / Side, on boom
Light source:	LED module	Working temperature [°C]:	from -20 to +35
Colour temperature [K]:	5700	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Luminous flux [lm]:	12800	Lateral surface (SCx) [m2]:	0.018
Supply voltage [V]:	220 - 240	Wire type:	H07RN-F
Frequency [Hz]:	50 - 60	Cable length [m]:	0.70
Optics:	AR2	Protection type:	10kV
Luminous efficacy [lm/W]:	124	Number on the palette [pcs]:	62
Energy efficiency class:	D	Net weight [kg]:	1.900
Electrical protection class:	I	Category type:	street lighting
Colour rendering index:	> 80	LED lifespan L80B20 [h]:	71000
SDCM:	≤ 5	Surge protection [kV]:	10
Power factor:	0.98	ULOR:	0%
Diffuser material:	PC	Control:	ON/OFF
Diffuser type:	matrix led	Optics material:	PC
Diffuser colour:	transparent	Warranty [years]:	5
Material of the body:	PP+FG	CE certificate:	104/2023
Colour of the body:	gray	ENEC Certificate:	0323/ENEC/23
Dimensions (H/W/T/S) [mm]:	640/233/113	Manual:	Download PDF
Mounting dimensions [mm]:	ø60	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: 104/2023