

ASTRA LED 12800LM 857 AR2 IP65 I CL. RCR WIRE 0,7M PLUG/GN SP10KV (104W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	569555
Ingress protection:	IP65
Impact resistance:	IK08
Rated power of the luminaire [W]*:	104
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.

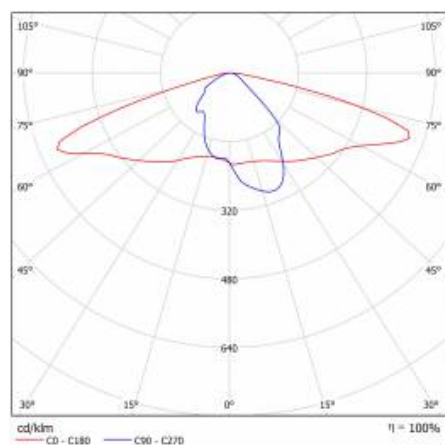
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TECHNICAL PARAMETERS TABLE

Index:	569555	Impact resistance:	IK08
EAN:	5695555905963	Ingress protection:	IP65
Rated power of the luminaire [W]:	104	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]:	0.020
Supply voltage [V]:	220 - 240	Wire type:	H07RN-F
Frequency [Hz]:	50 - 60	Cable length [m]:	0.70
Motion sensor:	yes	Protection type:	10kV
Optics:	AR2	Number on the palette [pcs]:	62
Luminous efficacy [lm/W]:	123	Net weight [kg]:	1.900
Energy efficiency class:	D	Category type:	street lighting
Electrical protection class:	I	LED lifespan L80B20 [h]:	71000
Colour rendering index:	> 80	Surge protection [kV]:	10
SDCM:	≤ 5	ULOR:	0%
Power factor:	0.98	Control:	ON/OFF
Diffuser material:	PC	Optics material:	PC
Diffuser type:	matrix led	Dusk sensor:	yes
Diffuser colour:	transparent	Warranty [years]:	5
Material of the body:	PP+FG	CE certificate:	108/2023
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		

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: 13 March 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: 108/2023