

# 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
Color rendering index (Ra) >:	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.

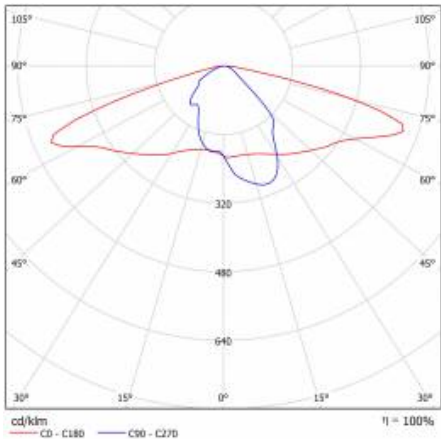
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## TECHNICAL PARAMETERS TABLE

Index:	569555	Mounting version:	Top, on pole / Side, on boom
EAN:	5695555905963	Working temperature [°C]:	from -20 to +35
Light source:	LED module	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Rated power of the luminaire [W]:	104	Lateral surface (SCx) [m2]:	0.020
Supply voltage [V]:	220 - 240	Wire type:	H07RN-F
Frequency [Hz]:	50 - 60	Cable length [m]:	0.70
Luminous flux [lm]:	12800	Protection type:	10kV
Luminous efficacy [lm/W]:	123	Number on the palette [pcs]:	62
Energy efficiency class:	D	Net weight [kg]:	1.900
Electrical protection class:	I	Category type:	street lighting
Colour temperature [K]:	5700	LED lifespan L80B20 [h]:	71000
Color rendering index (Ra) >:	80	Surge protection [kV]:	10
SDCM:	5	Motion sensor:	yes
Power factor:	0.98	ULOR:	0%
Diffuser material:	PC	Optics:	AR2
Diffuser type:	matrix led	Control:	ON/OFF
Diffuser colour:	transparent	Optics material:	PC
Material of the body:	PP+FG	Dusk sensor:	yes
Colour of the body:	gray	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	640/233/113	CE certificate:	<a href="#">108/2023</a>
Mounting dimensions [mm]:	ø60	ENEC Certificate:	<a href="#">0323/ENEC/23</a>
Impact resistance:	IK08	Manual:	<a href="#">Download PDF</a>
Ingress protection:	IP65	Category of application:	Street lighting

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
598357	Pole adapter 80/60 ALU
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED



wall holder (galvanized) (314049)



wall holder (grey) (314056)



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)