# 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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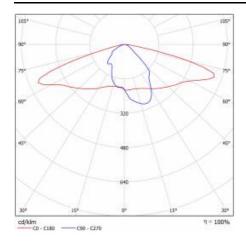
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	569555
EAN:	5695555905963
Light source:	LED module
Rated power of the luminaire [W]:	104
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	12800
Luminous efficacy [lm/W]:	123
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	5700
Color rendering index (Ra) >:	80
SDCM:	5
Power factor:	0.98
Diffuser material:	PC
Diffuser type:	matrix led
Diffuser colour:	transparent
Material of the body:	PP+FG
Colour of the body:	gray
Dimensions (H/W/T/S) [mm]:	640/233/113
Mounting dimensions [mm]:	ø60
Impact resistance:	IK08
Ingress protection:	IP65

Mounting version:	Top, on pole / Side, on boom
Working temperature [°C]:	from -20 to +35
Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Lateral surface (SCx) [m2]:	0.020
Wire type:	H07RN-F
Cable length [m]:	0.70
Protection type:	10kV
Number on the palette [pcs]:	62
Net weight [kg]:	1.900
Category type:	street lighting
LED lifespan L80B20 [h]:	71000
Surge protection [kV]:	10
Motion sensor:	yes
ULOR:	0%
Optics:	AR2
Control:	ON/OFF
Optics material:	PC
Dusk sensor:	yes
Warranty [years]:	5
CE certificate:	108/2023
ENEC Certificate:	0323/ENEC/23
Manual:	Download PDF
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 (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)

Card creation date: 29 October 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%

