

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	569555
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	104
<b>Luminous flux [lm]*:</b>	12800
<b>Colour temperature [K]:</b>	5700
<b>SDCM:</b>	5
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	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.

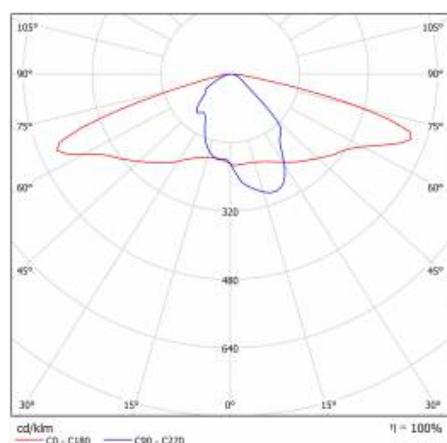
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	569555	<b>Working temperature [°C]:</b>	from -20 to +35
<b>EAN:</b>	5695555905963	<b>Tilt angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Light source:</b>	LED module	<b>Lateral surface (SCx) [m2]:</b>	0.020
<b>Rated power of the luminaire [W]:</b>	104	<b>Wire type:</b>	H07RN-F
<b>Supply voltage [V]:</b>	220 - 240	<b>Cable length [m]:</b>	0.70
<b>Frequency [Hz]:</b>	50 - 60	<b>Protection type:</b>	10kV
<b>Luminous flux [lm]:</b>	12800	<b>Number on the palette [pcs]:</b>	62
<b>Luminous efficacy [lm/W]:</b>	123	<b>Net weight [kg]:</b>	1.900
<b>Energy efficiency class:</b>	D	<b>Category type:</b>	street lighting
<b>Electrical protection class:</b>	I	<b>LED lifespan L80B10 [h]:</b>	71000
<b>Colour temperature [K]:</b>	5700	<b>Surge protection [kV]:</b>	10
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Motion sensor:</b>	yes
<b>SDCM:</b>	5	<b>ULOR:</b>	0%
<b>Power factor:</b>	0.98	<b>Optics:</b>	AR2
<b>Diffuser material:</b>	PC	<b>Control:</b>	ON/OFF
<b>Diffuser type:</b>	matrix led	<b>Optics material:</b>	PC
<b>Diffuser colour:</b>	transparent	<b>Dusk sensor:</b>	yes
<b>Material of the body:</b>	PP+FG	<b>Warranty [years]:</b>	5
<b>Colour of the body:</b>	gray	<b>CE certificate:</b>	<a href="#">108/2023</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113	<b>ENEC Certificate:</b>	<a href="#">0323/ENEC/23</a>
<b>Mounting dimensions [mm]:</b>	ø60	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Impact resistance:</b>	IK08	<b>Category of application:</b>	Street lighting
<b>Ingress protection:</b>	IP65	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Mounting version:</b>	Top, on pole / Side, on boom		

## 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
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT



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)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

Card creation date: 24 April 2026

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