

# ASTRA LED 12800LM 840 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	664816
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	103
<b>Luminous flux [lm]*:</b>	12800
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 5
<b>Colour rendering index:</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.

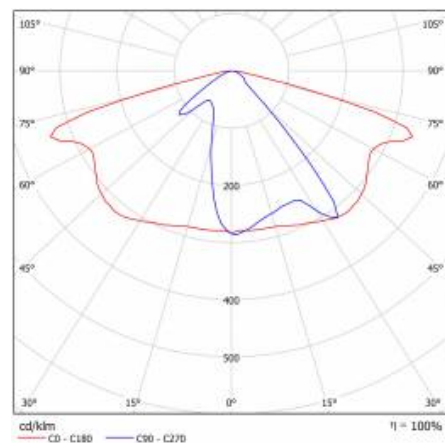
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	664816	<b>Ingress protection:</b>	IP66
<b>EAN:</b>	6648165905963	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>Light source:</b>	LED module	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Rated power of the luminaire [W]:</b>	103	<b>Tilt angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Supply voltage [V]:</b>	220 - 240	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Frequency [Hz]:</b>	50 - 60	<b>Wire type:</b>	H07RN-F
<b>Luminous flux [lm]:</b>	12800	<b>Cable length [m]:</b>	0.70
<b>Luminous efficacy [lm/W]:</b>	125	<b>Protection type:</b>	10kV
<b>Energy efficiency class:</b>	D	<b>Number on the palette [pcs]:</b>	62
<b>Electrical protection class:</b>	I	<b>Net weight [kg]:</b>	1.900
<b>Colour temperature [K]:</b>	4000	<b>Category type:</b>	street lighting
<b>Colour rendering index:</b>	> 80	<b>LED lifespan L80B20 [h]:</b>	71000
<b>SDCM:</b>	≤ 5	<b>ETIM class:</b>	EC000062
<b>Power factor:</b>	0.98	<b>Surge protection [kV]:</b>	10
<b>Diffuser material:</b>	PC	<b>ULOR:</b>	0%
<b>Diffuser type:</b>	matrix led	<b>Optics:</b>	AR2
<b>Diffuser colour:</b>	transparent	<b>Control:</b>	ON/OFF
<b>Material of the body:</b>	PP+FG	<b>Optics material:</b>	PC
<b>Colour of the body:</b>	gray	<b>Warranty [years]:</b>	5
<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113	<b>CE certificate:</b>	<a href="#">104/2023</a>
<b>Mounting dimensions [mm]:</b>	ø60	<b>ENEC Certificate:</b>	<a href="#">0323/ENEC/23</a>
<b>Impact resistance:</b>	IK08	<b>Manual:</b>	<a href="#">Download PDF</a>

## LIGHT CURVES



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## 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: 22 August 2024

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