

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664816
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	103
Luminous flux [lm]*:	12800
Colour temperature [K]:	4000
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.

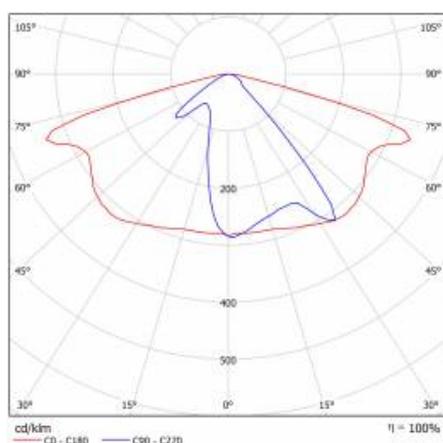
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TECHNICAL PARAMETERS TABLE

Index:	664816	Working temperature [°C]:	from -20 to +35
EAN:	6648165905963	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Light source:	LED module	Lateral surface (SCx) [m2]:	0.018
Rated power of the luminaire [W]:	103	Wire type:	H07RN-F
Supply voltage [V]:	220 - 240	Cable length [m]:	0.70
Frequency [Hz]:	50 - 60	Protection type:	10kV
Luminous flux [lm]:	12800	Number on the palette [pcs]:	62
Luminous efficacy [lm/W]:	125	Net weight [kg]:	1.900
Energy efficiency class:	D	Category type:	street lighting
Electrical protection class:	I	LED lifespan L80B10 [h]:	71000
Colour temperature [K]:	4000	ETIM class:	EC000062
Color rendering index (Ra) >:	80	Surge protection [kV]:	10
SDCM:	5	ULOR:	0%
Power factor:	0.98	Optics:	AR2
Diffuser material:	PC	Control:	ON/OFF
Diffuser type:	matrix led	Optics material:	PC
Diffuser colour:	transparent	Warranty [years]:	5
Material of the body:	PP+FG	CE certificate:	104/2023
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	Category of application:	Street lighting
Impact resistance:	IK08	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Ingress protection:	IP66	Plik LDT:	Download
Mounting version:	Top, on pole / Side, on boom		

LIGHT CURVES



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DETAILED CARD

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: 104/2023