ASTRA LED 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664809
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	103
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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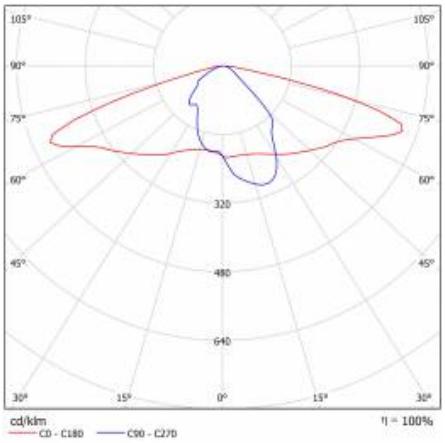
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	664809
EAN:	6648095905963
Light source:	LED module
Rated power of the luminaire [W]:	103
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	12800
Luminous efficacy [lm/W]:	124
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:	IP66

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]:	0.018
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 L80B10 [h]:	71000
Surge protection [kV]:	10
ULOR:	0%
Optics:	AR2
Control:	ON/OFF
Optics material:	PC
Warranty [years]:	5
CE certificate:	104/2023
ENEC Certificate:	0323/ENEC/23
Manual:	Download PDF
Category of application:	Street lighting
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES

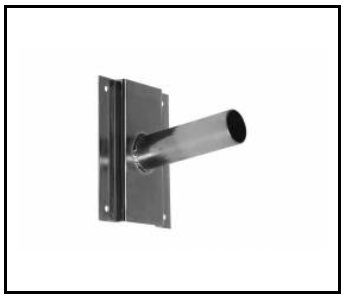


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DETAILED CARD

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)



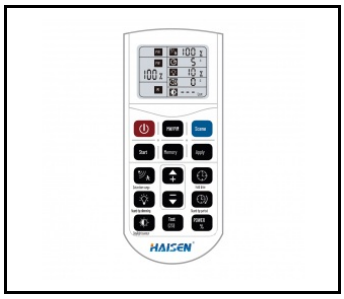
wall holder (grey) (314056)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 104/2023

LENA LIGHTING

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