ASTRA LED 12-24V 3630/3580LM 840 IP66 III KL. CORD 0.2M 29W

DETAILED CARD





TECHNICAL PARAMETERS

Index.	663	291

Ingress protection: IP66

Impact resistance: IK08

Rated power of the luminaire [W]*: 29

Luminous flux of the luminaire [lm] -

range:

3630/3580

Ш

С

Colour temperature [K]: 4000

SDCM: 3

Color rendering index (Ra) >: 80

Electrical protection class:

Energy efficiency class:

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).

The luminaire is adapted to supply voltage from solar panels, wind turbines, or other sources with an output voltage of 12-24V DC. The luminous flux parameter is given for two values 12V and 24V DC.

APPLICATION

Streetlight fitting used in open spaces to lighten: 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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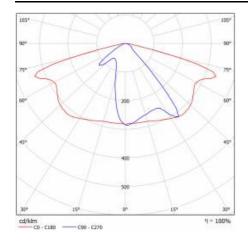
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	663291
Rated power of the luminaire [W]:	29
Luminous flux of the luminaire [lm] - range:	3630/3580
Luminous efficacy [lm/W]:	139
Energy efficiency class:	С
Electrical protection class:	III
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Diffuser material:	PC
Diffuser type:	matrix led
Diffuser colour:	transparent
Optics material:	PC
Optics:	matrix lens
Material of the body:	PP+FG
Dimensions (H/W/T/S) [mm]:	640/233/113
Mounting dimensions [mm]:	ø60
Impact resistance:	IK08

Ingress protection:	IP66
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 2x1.5
Cable length [m]:	0.30
Number on the palette [pcs]:	62
Net weight [kg]:	1.850
DC voltage range [V]:	12 - 24
LED lifespan L70B50 [h]:	136000
LED lifespan L80B20 [h]:	86000
LED lifespan L90B10 [h]:	41000
Category type:	street lighting
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
ULOR:	0%
Warranty [years]:	6
CE certificate:	99/2023
Manual:	Download PDF

LIGHT CURVES





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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
598357	Pole adapter 80/60 ALU
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED







Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)

