

ASTRA LED 12-24V 3630/3580LM 830 IP66 III KL. CORD 0.2M 29W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	663284
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	29
Luminous flux of the luminaire [lm] - range:	3630/3580
Colour temperature [K]:	3000
Colour rendering index:	>80
Electrical protection class:	III
Energy efficiency class:	C

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.

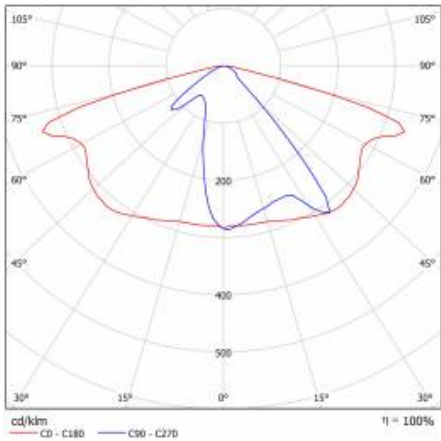
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TECHNICAL PARAMETERS TABLE

Index:	663284	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	29	Tilt angle adjustment [°]:	-5 to +15 (peak to pole); -15 to +5 (side to boom)
Colour temperature [K]:	3000	Lateral surface (SCx) [m2]:	0.018
Luminous flux of the luminaire [lm] - range:	3630/3580	Wire type:	H07RN-F 2x1.5
Luminous efficacy [lm/W]:	130	Cable length [m]:	0.30
Energy efficiency class:	C	Number on the palette [pcs]:	62
Electrical protection class:	III	Net weight [kg]:	1.850
Diffuser type:	matrix led	DC voltage range [V]:	12 - 24
Optics:	matrix lens	LED lifespan L70B50 [h]:	136000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	86000
Diffuser material:	PC	LED lifespan L90B10 [h]:	41000
Diffuser colour:	transparent	Category type:	street lighting
Optics material:	PC	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Material of the body:	PP+FG	ULOR:	0%
Dimensions (H/W/T/S) [mm]:	640/233/113	Warranty [years]:	6
Mounting dimensions [mm]:	ø60	CE certificate:	99/2023
Impact resistance:	IK08	Manual:	Download PDF
Ingress protection:	IP66		

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
UL00229	mounting grip 78 mm



mounting grip 78 mm (UL00229)

Card creation date: 03 June 2025
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: 99/2023