

ASTRA LED 12800LM 840 IP66 I CL. CORD 0,7M PLUG/GN SP10KV 103W

STREET LIGHTING

LED



LED | | IP66 | IK08

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:	≤ 3
Colour rendering index:	>80
Electrical protection class:	I
Energy efficiency class:	A+

*Tolerance +/- 10%

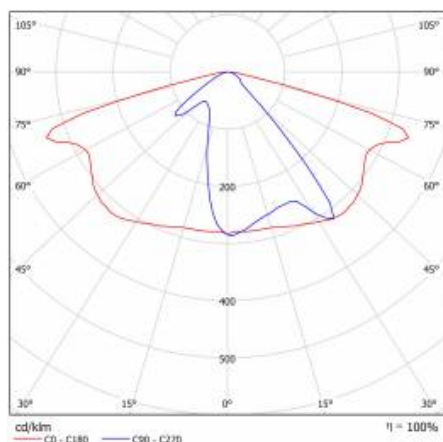
CHARACTERISTICS

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); -5° to +15° (side to boom). Options: any RAL color.

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.

LIGHT CURVES



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Light source:	LED module	Wire type:	H07RN-F
Rated power of the luminaire [W]:	103	Cable length [m]:	0.70
Supply voltage [V]:	220-240	Protection type:	10kV
Frequency [Hz]:	50-60	Number on the palette [pcs]:	62
Luminous flux [lm]:	12800	Net weight of the luminaire [kg]:	1.900
Luminous efficacy [lm/W]:	125	Index:	664816
Energy efficiency class:	A+	Category type:	street lighting
Electrical protection class:	I	AC voltage range [V]:	198-264
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	112000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	71000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	35000
Power factor:	0.98	Warranty [years]:	5
Diffuser material:	PC	Optics:	matrix lens
Diffuser type:	transparent	CE certificate:	26/2021
Diffuser colour:	transparent	Manual:	Download PDF
Material of the body:	PP+FG		
Colour of the body:	grey		
Dimensions [mm]:	640/233/113		
Mounting dimensions [mm]:	Ø60		
Impact resistance:	IK08		
Ingress protection:	IP66		
Mounting version:	side, top		
Working temperature [°C]:	from -20 to +35		
Surface of wind resistance [m2]:	0.018		

*Tolerance +/- 10%

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

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The luminaire complies with the EU ROHS Directive 2011/65/UE



This product is a subject to electric and electronic waste equipment regulations (WEEE).



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