

ASTRA LED BASIC 6100LM 830 IP66 I CL. SP10KV 51W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664618
Ingress protection:	IP66
Impact resistance:	IK08
Luminous flux [lm]*:	6100
Rated power of the luminaire [W]*:	51
Colour temperature [K]:	3000
SDCM:	≤ 3
Colour rendering index:	>80
Electrical protection class:	I
Energy efficiency class:	D

CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 173 lm/W) and an integrated energy-saving LED module. The self-cleaning body made of polypropylene (PP) with fibreglass (FG) 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).

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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Index:	664618	Impact resistance:	IK08
Light source:	LED module	Colour of the body:	grey
Rated power of the luminaire [W]:	51	Mounting version:	side, top
Luminous flux [lm]:	6100	Working temperature [°C]:	from -15 to +35
Luminous efficacy [lm/W]:	153	Beam angle adjustment [°]:	od -5 do +15
Energy efficiency class:	D	Lateral surface (SCx) [m2]:	0.018
Electrical protection class:	I	Wire type:	H07RN-F
Colour temperature [K]:	3000	Cable length [m]:	0.50
Colour rendering index:	>80	Protection type:	10
SDCM:	≤ 3	Number on the palette [pcs]:	62
Power factor:	0.93	Net weight of the luminaire [kg]:	1.900
Diffuser material:	PC	Warranty [years]:	3
Diffuser type:	matrix led	Category type:	street lighting
Diffuser colour:	transparent	LED lifespan L70B50 [h]:	122000
Optics material:	PC	LED lifespan L80B20 [h]:	77000
Optics:	matrix lens	LED lifespan L90B10 [h]:	36000
Dimensions (H/W/T/S) [mm]:	640/113/233	Light distribution type:	uliczny
Mounting dimensions [mm]:	Ø64	Manual:	Download PDF
Material of the body:	PP 35%GF	CE certificate:	54/2021
Ingress protection:	IP66	Warranty [years]:	5

LIGHT CURVES



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ACCESSORIES AVAILABLE

index	Name
UL00229	mounting grip 78 mm



mounting grip 78 mm (UL00229)

Card creation date: 28 April 2021

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: 54/2021