

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); -15° to +5° (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.

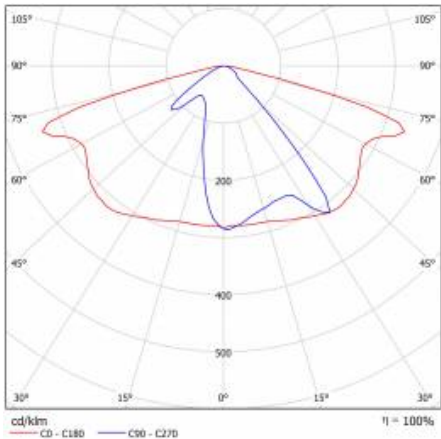
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TECHNICAL PARAMETERS TABLE

Index:	664618	Colour of the body:	grey
Rated power of the luminaire [W]:	51	Mounting version:	side, top
Light source:	LED module	Working temperature [°C]:	from -15 to +35
Colour temperature [K]:	3000	Tilt angle adjustment [°]:	od -5 do +15
Luminous flux [lm]:	6100	Lateral surface (SCx) [m2]:	0.018
Diffuser type:	matrix led	Wire type:	H07RN-F
Energy efficiency class:	D	Cable length [m]:	0.50
Luminous efficacy [lm/W]:	153	Protection type:	10
Electrical protection class:	I	Number on the palette [pcs]:	62
Colour rendering index:	>80	Net weight [kg]:	1.900
SDCM:	≤ 3	Category type:	street lighting
Power factor:	0.93	LED lifespan L70B50 [h]:	122000
Diffuser material:	PC	LED lifespan L80B20 [h]:	77000
Diffuser colour:	transparent	LED lifespan L90B10 [h]:	36000
Optics material:	PC	Light distribution type:	uliczny
Optics:	matrix lens	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	640/113/233	CE certificate:	273/2023
Mounting dimensions [mm]:	ø60	Warranty [years]:	5
Material of the body:	PP 35%GF	ENEC Certificate:	0323/ENEC/23
Ingress protection:	IP66	Plik LDT:	Download
Impact resistance:	IK08		

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: 09 May 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 273/2023