

# ASTRA LED BASIC 6500LM 840 IP66 I CL. SP10KV 51W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	664717
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Luminous flux [lm]*:</b>	6500
<b>Rated power of the luminaire [W]*:</b>	51
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 3
<b>Colour rendering index:</b>	>80
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	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:	664717	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]:	6500	Working temperature [°C]:	from -15 to +35
Luminous efficacy [lm/W]:	153	Tilt 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]:	4000	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 [kg]:	1.900
Diffuser material:	PC	Category type:	street lighting
Diffuser type:	matrix led	LED lifespan L70B50 [h]:	122000
Diffuser colour:	transparent	LED lifespan L80B20 [h]:	77000
Optics material:	PC	LED lifespan L90B10 [h]:	36000
Optics:	matrix lens	Light distribution type:	uliczny
Dimensions (H/W/T/S) [mm]:	640/113/233	Manual:	<a href="#">Download PDF</a>
Mounting dimensions [mm]:	ø60	CE certificate:	<a href="#">273/2023</a>
Material of the body:	PP 35%GF	Warranty [years]:	5
Ingress protection:	IP66	ENEC Certificate:	<a href="#">0323/ENEC/23</a>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
UL00229	mounting grip 78 mm



mounting grip 78 mm (UL00229)

Card creation date: 14 September 2023

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: 273/2023