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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	664717
Ingress protection:	IP66
Impact resistance:	IK08
Luminous flux [lm]*:	6500
Rated power of the luminaire [W]*:	51
Colour temperature [K]:	4000
SDCM:	≤ 3
Colour rendering index:	>80
Electrical protection class:	1
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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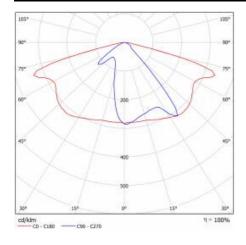
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	664717
Light source:	LED module
Rated power of the luminaire [W]:	51
Luminous flux [Im]:	6500
Luminous efficacy [lm/W]:	153
Energy efficiency class:	D
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤3
Power factor:	0.93
Diffuser material:	PC
Diffuser type:	matrix led
Diffuser colour:	transparent
Optics material:	PC
Optics:	matrix lens
Dimensions (H/W/T/S) [mm]:	640/113/233
Mounting dimensions [mm]:	Ø64
Material of the body:	PP 35%GF
Ingress protection:	IP66

Impact resistance:	IK08
Colour of the body:	grey
Mounting version:	side, top
Working temperature [°C]:	from -15 to +35
Beam angle adjustment [°]:	od -5 do +15
Lateral surface (SCx) [m2]:	0.018
Wire type:	H07RN-F
Cable length [m]:	0.50
Protection type:	10
Number on the palette [pcs]:	62
Net weight of the luminaire [kg]:	1.900
Warranty [years]:	3
Category type:	street lighting
LED lifespan L70B50 [h]:	122000
LED lifespan L80B20 [h]:	77000
LED lifespan L90B10 [h]:	36000
Light distribution type:	uliczny
Manual:	Download PDF
CE certificate:	<u>54/2021</u>
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%

