

# ASTRA LED BASIC VD 8200LM 830 IP66 I CL. SP10KV 80W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	80
<b>Luminous flux [lm]*:</b>	8200
<b>Colour temperature [K]:</b>	3000
<b>SDCM:</b>	≤ 5
<b>Colour rendering index:</b>	>80
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	PP 35%GF

## CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 116 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:	664649	Impact resistance:	IK08
Light source:	LED module	Colour of the body:	grey
Rated power of the luminaire [W]:	80	Mounting version:	side, top
Luminous flux [lm]:	8200	Working temperature [°C]:	from -40 to +35
Luminous efficacy [lm/W]:	109	Beam angle adjustment [°]:	od -5 do +15
Energy efficiency class:	E	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:	≤ 5	Number on the palette [pcs]:	62
Power factor:	0.99	Net weight [kg]:	1.900
Diffuser type:	matrix led	Category of application:	Street lighting
Diffuser colour:	transparent	LED lifespan L70B50 [h]:	120000
Optics material:	PC	LED lifespan L80B20 [h]:	75000
Optics:	matrix lens	LED lifespan L90B10 [h]:	36000
Dimensions (H/W/T/S) [mm]:	640/113/233	Light distribution type:	uliczny
Mounting dimensions [mm]:	ø60	Manual:	<a href="#">Download PDF</a>
Material of the body:	PP 35%GF	CE certificate:	<a href="#">52/2021</a>
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: 18 August 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: 52/2021