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

DETAILED CARD





TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	80
Luminous flux [lm]*:	8200
Colour temperature [K]:	3000
SDCM:	≤ 5
Colour rendering index:	>80
Electrical protection class:	1
Energy efficiency class:	E
Material of the body:	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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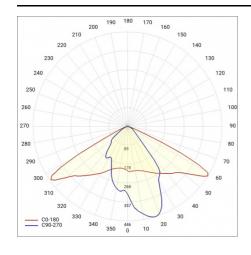
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 664649 Rated power of the luminaire [W]: 80 Colour temperature [K]: 3000 Light source: LED module Luminous flux [Im]: 8200 Luminous efficacy [Im/W]: 109 Energy efficiency class: E Electrical protection class: I Colour rendering index: >80 SDCM: ≤ 5 Power factor: 0.99 Diffuser type: matrix led Diffuser colour: transparent Optics material: PC Optics: matrix lens Material of the body: PP 35%GF Dimensions (H/W/T/S) [mm]: 640/113/233 Mounting dimensions [mm]: ø60 Ingress protection: IP66 Impact resistance: IK08		
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Ingress protection:	Dimensions (H/W/T/S) [mm]:	640/113/233
	Mounting dimensions [mm]:	ø60
Impact resistance: IK08	Ingress protection:	IP66
	Impact resistance:	IK08

Colour of the body:	grey
Mounting version:	side, top
Working temperature [°C]:	from -40 to +35
Tilt 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 [kg]:	1.900
Category of application:	Street lighting
LED lifespan L70B50 [h]:	120000
LED lifespan L80B20 [h]:	75000
LED lifespan L90B10 [h]:	36000
Light distribution type:	uliczny
Manual:	Download PDF
CE certificate:	<u>52/2021</u>
Warranty [years]:	5
Plik LDT:	Download

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: 13 March 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%

