ASTRA LED BASIC VD 8500LM 857 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]*:	8500
Colour temperature [K]:	4000
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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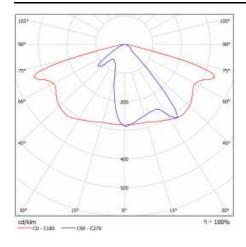
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 664 Light source: LED Rated power of the luminaire [W]: 80	module
Rated power of the luminaire [W]: 80	0
	0
Luminous flux [lm]: 850	
Luminous efficacy [lm/W]: 116	
Energy efficiency class:	
Electrical protection class:	
Colour temperature [K]: 400	0
Colour rendering index: 80	
SDCM: ≤ 5	
Power factor: 0.99)
Diffuser type: mate	rix led
Diffuser colour: trans	sparent
Optics material: PC	
Optics: mate	rix lens
Dimensions (H/W/T/S) [mm]: 640	/113/233
Mounting dimensions [mm]: ø60	
Material of the body: PP +	- 35%GF
Ingress protection: IP66	5
Impact resistance: IK08	3

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: HO7RN-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]: 100000 LED lifespan L80B20 [h]: 70000 LED lifespan L90B10 [h]: 36000 Light distribution type: uliczny Manual: Download PDF CE certificate: 52/2021 Warranty [years]: 5 Plik LDT: Download		
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Warranty [years]: 5	Manual:	Download PDF
	CE certificate:	<u>52/2021</u>
Plik LDT: Download	Warranty [years]:	5
	Plik LDT:	Download

LIGHT CURVES





ASTRA LED BASIC VD 8500LM 857 IP66 I CL. SP10KV 80W

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%

