ASTRA LED BASIC VD 8500LM 840 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]:	5700
SDCM:	5
Color rendering index (Ra) >:	80
Electrical protection class:	I
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.

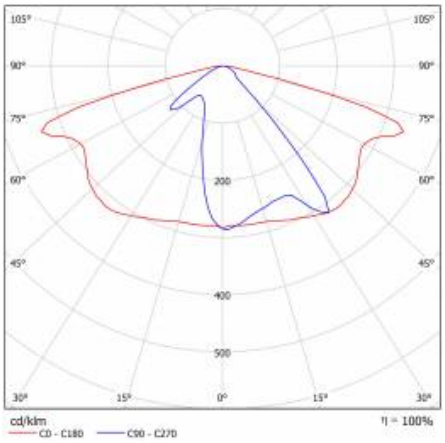
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TECHNICAL PARAMETERS TABLE

Index:	664779	**Colour of the body:**	grey
Light source:	LED module	**Mounting version:**	side, top
Rated power of the luminaire [W]:	80	**Working temperature [°C]:**	from -40 to +35
Luminous flux [lm]:	8500	**Tilt angle adjustment [°]:**	od -5 do +15
Luminous efficacy [lm/W]:	113	**Lateral surface (SCx) [m2]:**	0.018
Energy efficiency class:	E	**Wire type:**	H07RN-F
Electrical protection class:	I	**Cable length [m]:**	0.50
Colour temperature [K]:	5700	**Protection type:**	10
Color rendering index (Ra) >:	80	**Number on the palette [pcs]:**	62
SDCM:	5	**Net weight [kg]:**	1.900
Power factor:	0.99	**Category of application:**	Street lighting
Diffuser type:	matrix led	**LED lifespan L70B50 [h]:**	100000
Diffuser colour:	transparent	**LED lifespan L80B10 [h]:**	70000
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:**	Download PDF
Mounting dimensions [mm]:	ø60	**CE certificate:**	52/2021
Material of the body:	PP + 35%GF	**Warranty [years]:**	5
Ingress protection:	IP66	**Plik LDT:**	Download
Impact resistance:	IK08		

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
598357	Pole adapter 80/60 ALU
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)

Card creation date: 29 October 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%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 52/2021

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl