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:	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.
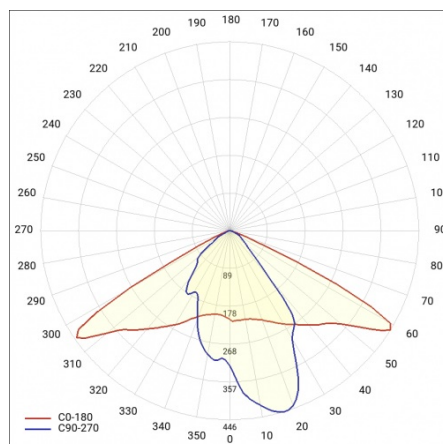
LENA LIGHTING

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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	664649	**Colour of the body:**	grey
Rated power of the luminaire [W]:	80	**Mounting version:**	side, top
Colour temperature [K]:	3000	**Working temperature [°C]:**	from -40 to +35
Light source:	LED module	**Tilt angle adjustment [°]:**	od -5 do +15
Luminous flux [lm]:	8200	**Lateral surface (SCx) [m2]:**	0.018
Luminous efficacy [lm/W]:	109	**Wire type:**	H07RN-F
Energy efficiency class:	E	**Cable length [m]:**	0.50
Electrical protection class:	I	**Protection type:**	10
Colour rendering index:	>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]:**	120000
Diffuser colour:	transparent	**LED lifespan L80B20 [h]:**	75000
Optics material:	PC	**LED lifespan L90B10 [h]:**	36000
Optics:	matrix lens	**Light distribution type:**	uliczny
Material of the body:	PP 35%GF	**Manual:**	Download PDF
Dimensions (H/W/T/S) [mm]:	640/113/233	**CE certificate:**	52/2021
Mounting dimensions [mm]:	ø60	**Warranty [years]:**	5
Ingress protection:	IP66	**Plik LDT:**	Download
Impact resistance:	IK08		

LIGHT CURVES

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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
UL00229	mounting grip 78 mm

mounting grip 78 mm (UL00229)