ASTRA LED 12-24V

GENERAL CARD

TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	9.00 - 70.00
Luminous flux of the luminaire [lm] - range:	1240/1040; 2630/2200; 2780-8900; 3630/3580
Colour temperature [K]:	3000; 4000; 5700
SDCM:	3; 5
Color rendering index (Ra) >:	80
Electrical protection class:	III
Energy efficiency class:	B; C; D
Material of the body:	PP+FG
Diffuser material:	PC
Diffuser type:	matrix led; transparent
Optics material:	PC
Dimensions (H/W/T/S) [mm]:	640/233/113;
DC voltage range [V]:	12 - 24; 20 - 28
Warranty [years]:	6
CE certificate:	22/2024; 99/2023
Colour of the body:	grey

CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 153 lm/W) and an integrated energy-saving LED module. The self-cleaning body made of polypropylene (PP) with fibreglass (GF) 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).
The luminaire is designed to be powered by photovoltaic panels, wind turbines of both off-grid and on-grid mixed systems or other sources with an output voltage of 24V DC. +- 15%

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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AVAILABLE VERSIONS

Click index >>, to see details

ASTRA LED 12-24V Astra LED 12-24V

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux of the luminaire [lm] - range	Diffuser type	Optics	Energy efficiency class	Index
9	3000	1240/1040	matrix led	matrix lens	C	>> 663246
9	4000	1240/1040	matrix led	matrix lens	B	>> 663253
19	3000	2630/2200	matrix led	matrix lens	C	>> 663260
19	4000	2630/2200	matrix led	matrix lens	C	>> 663277
29	3000	3630/3580	matrix led	matrix lens	C	>> 663284
29	4000	3630/3580	matrix led	matrix lens	C	>> 663291

ASTRA LED 12-24V Astra LED 24V

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux of the luminaire [lm] - range	Diffuser type	Optics	Energy efficiency class	Index
20	3000	2780	transparent	AR1	C	>> 709685
20	3000	2780	transparent	AR3	C	>> 709715
20	3000	2780	transparent	AR4	C	>> 709746
20	4000	3300	transparent	AR1	B	>> 709500
20	4000	3300	transparent	AR3	B	>> 709531
20	4000	3300	transparent	AR4	B	>> 709562
20	5700	3070	transparent	AR1	C	>> 709593
20	5700	3070	transparent	AR3	C	>> 709623
20	5700	3070	transparent	AR4	C	>> 709654
40	3000	4665	transparent	AR4	D	>> 709753
40	3000	4665	transparent	AR3	D	>> 709722
40	3000	4665	transparent	AR1	D	>> 709692
40	4000	5400	transparent	AR1	D	>> 709517
40	4000	5400	transparent	AR3	D	>> 709548
40	4000	5400	transparent	AR4	D	>> 709579
40	5700	5250	transparent	AR1	D	>> 709609
40	5700	5250	transparent	AR3	D	>> 709630
40	5700	5250	transparent	AR4	D	>> 709661
70	3000	7470	transparent	AR1	D	>> 709708
70	3000	7470	transparent	AR3	D	>> 709739
70	3000	7470	transparent	AR4	D	>> 709760
70	4000	8500	transparent	AR1	D	>> 709524
70	4000	8500	transparent	AR3	D	>> 709555
70	4000	8500	transparent	AR4	D	>> 709586
70	5700	8900	transparent	AR1	D	>> 709616

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux of the luminaire [lm] - range	Diffuser type	Optics	Energy efficiency class	Index
70	5700	8900	transparent	AR3	D	>> 709647
70	5700	8900	transparent	AR4	D	>> 709678

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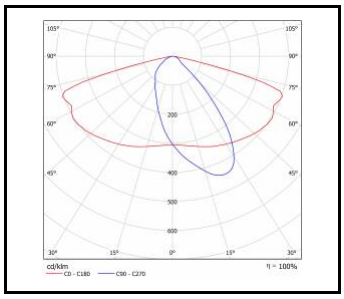
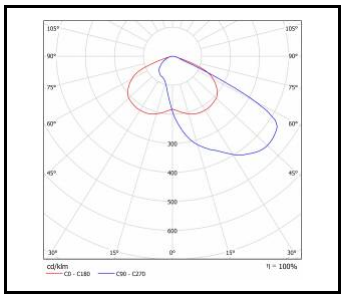
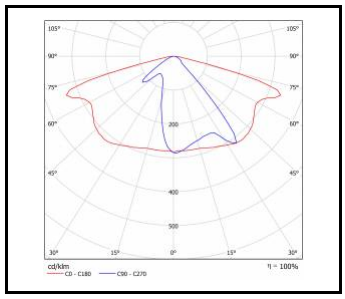
LUMINOUS INTENSITY DISTRIB. CURVE



AR3



AR4



ASTRA LED

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ACCESSORIES AVAILABLE

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

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

Pole adapter 80/60 ALU (598357)

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: 22/2024; 48/2020; 99/2023

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