ASTRA LED

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65; IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	17.00 - 104.00
Luminous flux [lm]*:	2050 - 12800
Colour temperature [K]:	3000; 4000; 5700
Color rendering index (Ra) >:	80
Electrical protection class:	I; II
Optics:	AR1; AR2; AR3; AR4; matryca soczewkowa
Control:	ON/OFF
Colour of the body:	gray
Luminous efficacy [lm/W]:	109.00 - 151.00
Energy efficiency class:	C; D; E
Material of the body:	PP+FG
Optics material:	PC
SDCM:	3; 5

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). Options: any RAL color. RCR sensor controlled by remote control.

APPLICATION

Luminaire applicable to: 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.

ASTRA LED

GENERAL CARD

AVAILABLE VERSIONS

Click index >>, to see details

ASTRA LED 17W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
17	3000	2050		AR4	>> 433207
17	3000	2100		AR1	>> 663376
17	4000	2250		AR4	>> 433214
17	4000	2300		AR1	>> 663369
17	5700	2250		AR4	>> 433221
17	5700	2300		AR1	>> 663383

ASTRA LED 37W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
37	3000	5200		AR4	>> 433238
37	3000	5350		AR1	>> 663147
37	4000	5600		AR1	>> 663000
37	4000	5450		AR4	>> 433252
37	4000	5450	yes	AR4	>> 433245
37	4000	5600	yes	AR1	>> 663314
37	5700	5600		AR3	>> 569173
37	5700	5450		AR4	>> 433269
37	5700	5600		AR1	>> 663062

ASTRA LED 52W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
52	3000	5650		AR4	>> 433276
52	3000	5800		AR1	>> 663222
52	4000	6100		AR1	>> 663208
52	4000	5950		AR4	>> 433283
52	5700	6100		AR1	>> 663215

ASTRA LED 53W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
53	3000	6750		AR4	>> 433306
53	3000	6950		AR1	>> 663154
53	4000	7300	yes	AR1	>> 663321
53	4000	7100		AR4	>> 433320
53	4000	7100	yes	AR4	>> 433313
53	4000	7300		AR1	>> 663017

ASTRA LED

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
53	5700	7300		AR1	>> 663079
53	5700	7100		AR4	>> 433337

ASTRA LED 69W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
69	3000	8650		AR1	>> 663161
69	3000	8400		AR4	>> 433351
69	3000	8400	yes	AR4	>> 433344
69	4000	9100		AR1	>> 663024
69	4000	8850	yes	AR4	>> 433368
69	4000	8850		AR4	>> 433375
69	4000	9100	yes	AR1	>> 663338
69	5700	9100		AR1	>> 663086
69	5700	8850		AR4	>> 433382

ASTRA LED 103W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
103	3000	12200		AR2	>> 664823
103	4000	12800		AR2	>> 664816
103	4000	12800		AR2	>> 664816_LUXMAT
103	5700	12800		AR2	>> 664809

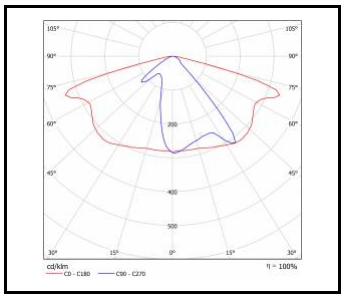
ASTRA LED 104W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
104	5700	12800	yes	AR2	>> 569555

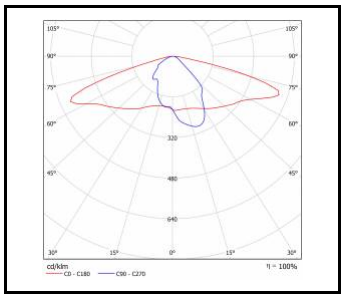
ASTRA LED

GENERAL CARD

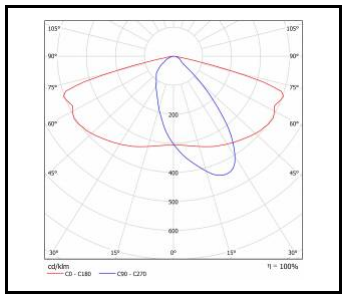
LUMINOUS INTENSITY DISTRIB. CURVE



AR1 od 17W do 69W



AR2 80W i 103W



AR3 od 17W do 69W

ASTRA LED

GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
598357	Pole adapter 80/60 ALU
	wall holder (galvanized)
	wall holder (grey)



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



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)



Pole adapter 80/60 ALU (598357)



wall holder (galvanized) (314049)



wall holder (grey) (314056)

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: max 158/2019

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