

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
Colour rendering index:	> 80; >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.

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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	2100		AR1	>> 663376
17	3000	2050		AR4	>> 433207
17	4000	2300		AR1	>> 663369
17	4000	2250		AR4	>> 433214
17	5700	2300		AR1	>> 663383
17	5700	2250		AR4	>> 433221

ASTRA LED 37W

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

ASTRA LED 52W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
52	3000	5800		AR1	>> 663222
52	3000	5650		AR4	>> 433276
52	4000	6100		AR1	>> 663208
52	4000	5950		AR4	>> 433283
52	5700	6100		AR1	>> 663215
52	5700	5950		AR4	>> 433290

ASTRA LED 53W

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

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
53	4000	7100		AR4	>> 433320
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	yes	AR4	>> 433344
69	3000	8400		AR4	>> 433351
69	4000	9100		AR1	>> 663024
69	4000	9100	yes	AR1	>> 663338
69	4000	8850	yes	AR4	>> 433368
69	4000	8850		AR4	>> 433375
69	5700	9100		AR1	>> 663086
69	5700	8850		AR4	>> 433382

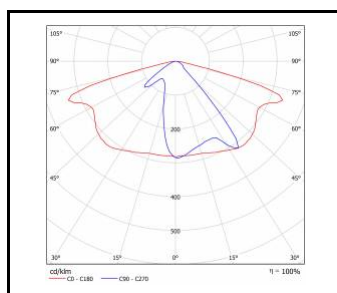
ASTRA LED 103W

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	5700	12800		AR2	>> 664809

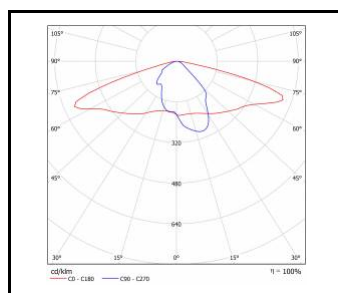
ASTRA LED 104W

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

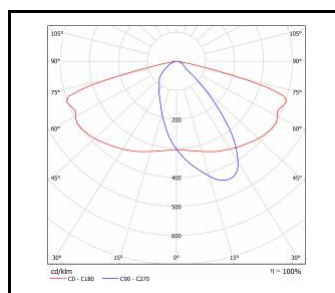
LUMINOUS INTENSITY DISTRIB. CURVE



AR1 od 17W do 69W



AR2 80W i 103W



AR3 od 17W do 69W

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ACCESSORIES AVAILABLE

index	Name
	wall holder (galvanized)
	wall holder (grey)
UL00229	mounting grip 78 mm



wall holder (galvanized) (314049)



wall holder (grey) (314056)



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%



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



Certificate CE - Nr: max 158/2019