

# ASTRA LED

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP65; IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	17.00 - 104.00
<b>Luminous flux [lm]*:</b>	2050 - 12800
<b>Colour temperature [K]:</b>	3000; 4000; 5700
<b>Colour rendering index:</b>	> 80; >80
<b>Electrical protection class:</b>	I; II
<b>Optics:</b>	AR1; AR2; AR3; AR4; matryca soczewkowa
<b>Control:</b>	ON/OFF
<b>Colour of the body:</b>	gray
<b>Luminous efficacy [lm/W]:</b>	109.00 - 151.00
<b>Energy efficiency class:</b>	C; D; E
<b>Material of the body:</b>	PP+FG
<b>Optics material:</b>	PC
<b>SDCM:</b>	≤ 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	<a href="#">&gt;&gt; 663376</a>
17	4000	2300		AR1	<a href="#">&gt;&gt; 663369</a>
17	5700	2300		AR1	<a href="#">&gt;&gt; 663383</a>

### ASTRA LED 37W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
37	3000	5350		AR1	<a href="#">&gt;&gt; 663147</a>
37	4000	5600		AR1	<a href="#">&gt;&gt; 663000</a>
37	4000	5600	yes	AR1	<a href="#">&gt;&gt; 663314</a>
37	5700	5600		AR1	<a href="#">&gt;&gt; 663062</a>

### ASTRA LED 52W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
52	3000	5800		AR1	<a href="#">&gt;&gt; 663222</a>
52	4000	6100		AR1	<a href="#">&gt;&gt; 663208</a>
52	5700	6100		AR1	<a href="#">&gt;&gt; 663215</a>

### ASTRA LED 53W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
53	3000	6950		AR1	<a href="#">&gt;&gt; 663154</a>
53	4000	7300		AR1	<a href="#">&gt;&gt; 663017</a>
53	4000	7300	yes	AR1	<a href="#">&gt;&gt; 663321</a>
53	5700	7300		AR1	<a href="#">&gt;&gt; 663079</a>

### ASTRA LED 69W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
69	3000	8650		AR1	<a href="#">&gt;&gt; 663161</a>
69	4000	9100		AR1	<a href="#">&gt;&gt; 663024</a>
69	4000	9100	yes	AR1	<a href="#">&gt;&gt; 663338</a>
69	5700	9100		AR1	<a href="#">&gt;&gt; 663086</a>

### ASTRA LED 103W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
103	3000	12200		AR2	<a href="#">&gt;&gt; 664823</a>
103	4000	12800		AR2	<a href="#">&gt;&gt; 664816</a>
103	5700	12800		AR2	<a href="#">&gt;&gt; 664809</a>

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## GENERAL CARD

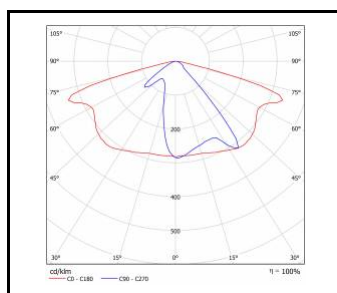
### ASTRA LED 104W

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Motion sensor	Optics	Index
104	5700	12800	yes	AR2	<a href="#">&gt;&gt; 569555</a>

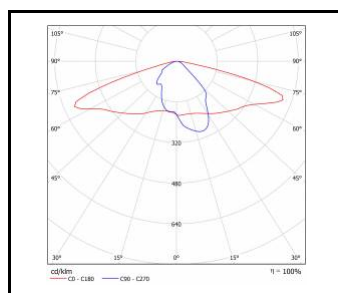
# ASTRA LED

## GENERAL CARD

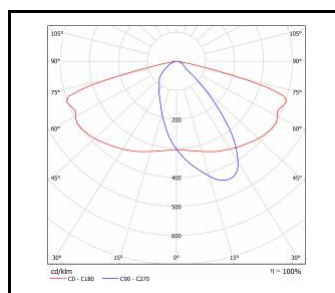
### LUMINOUS INTENSITY DISTRIB. CURVE



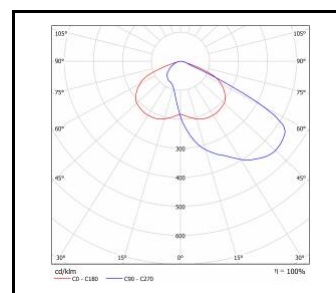
AR1 od 17W do 69W



AR2 80W i 103W



AR3 od 17W do 69W



AR4

## 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)