

# ASTRA LED IOT

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power [W] - range:</b>	19-58
<b>Luminous flux [lm]*:</b>	5600
<b>Colour temperature [K]:</b>	3000; 4000
<b>SDCM:</b>	≤ 3
<b>Colour rendering index:</b>	>80
<b>Electrical protection class:</b>	II
<b>Energy efficiency class:</b>	C
<b>Material of the body:</b>	PP+FG
<b>Colour of the body:</b>	gray
<b>Diffuser material:</b>	PC
<b>Diffuser type:</b>	matrix led
<b>Mounting version:</b>	side, top
<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113;
<b>CE certificate:</b>	449/2023

## 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.

### IoT characteristics

Variants available:

**IoT BT HYT 1-10V. Bluetooth HYT** module controlled in the Lena Lighting Clue app, **1-10V** driver enabling dimming of the light source.

**IoT BT PIR HYT 1-10V. Bluetooth HYT** module controlled in the Lena Lighting Clue app, **PIR** motion and light sensor, **1-10V** driver enabling dimming of the light source.

## 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



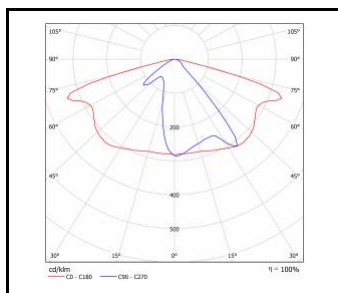
Click index >>, to see details

Rated power [W] - range	Colour temperature [K]	Luminous flux of the luminaire [lm] - range	PIR	Version	Dimensions (H/W/T/S) [mm]	Index
19-58	4000	2490-7600		BT HYT 1-10V	640/233/113	<a href="#">&gt;&gt; 624674</a>
19-58	3000	2160-6960		BT HYT 1-10V	640/233/113	<a href="#">&gt;&gt; 624698</a>
19-58	4000	2490-7600	yes	BT PIR HYT 1-10V	640/233/113	<a href="#">&gt;&gt; 624681</a>
19-58	3000	2160-6960	yes	BT PIR HYT 1-10V	640/233/113	<a href="#">&gt;&gt; 625015</a>

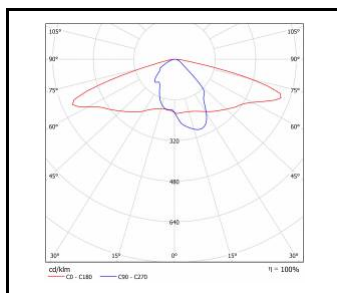
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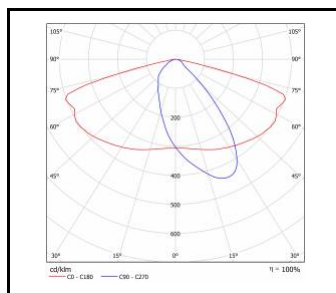
### LUMINOUS INTENSITY DISTRIB. CURVE



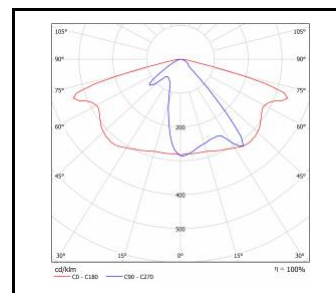
AR1



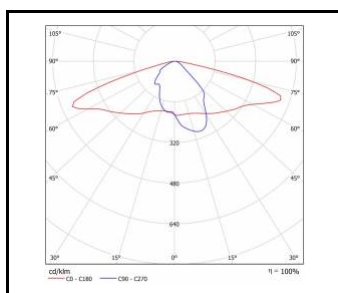
AR2



AR3



ASTRA LED



ASTRA LED 103W

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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: 10 January 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: 158/2019; 449/2023

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**Astra LED IoT - explanation of the different versions:**

The **IoT BT HYT 1-10V** version has a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time, and a **1-10V** driver that allows you to dim the light source.

The **IoT BT PIR HYT 1-10V** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control it in real time; **PIR** motion and daylight sensor and **1-10V** driver for dimming the light source.