

# ASTRA LED IOT PIR 830 AR1 IP66 II KL. CABLE 0.7M PLUG/GN SP10KV MULTIWATT (19-58W)

DETAILED 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  |
| <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 |

## 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.

## 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.

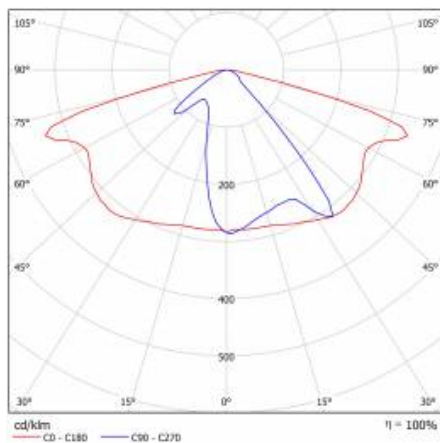
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## TECHNICAL PARAMETERS TABLE

|  |             |                             |                              |
|--|-------------|-----------------------------|------------------------------|
| Index:                                       | 625015      | Dimensions (H/W/T/S) [mm]:  | 640/233/113                  |
| Light source:                                | LED module  | Mounting dimensions [mm]:   | ø60                          |
| Rated power [W] - range:                     | 19-58       | Impact resistance:          | IK08                         |
| Supply voltage [V]:                          | 220-240     | Ingress protection:         | IP66                         |
| Frequency [Hz]:                              | 50-60       | Mounting version:           | side, top                    |
| Luminous flux of the luminaire [lm] - range: | 2160-6960   | Working temperature [°C]:   | from -20 to +35              |
| Luminous efficacy [lm/W]:                    | 151         | Lateral surface (SCx) [m2]: | 0.018                        |
| Energy efficiency class:                     | C           | PIR:                        | yes                          |
| Electrical protection class:                 | II          | Gross weight [kg]:          | 1.900                        |
| Colour temperature [K]:                      | 3000        | CE certificate:             | <a href="#">449/2023</a>     |
| Colour rendering index:                      | >80         | Category type:              | street lighting              |
| SDCM:  | ≤ 3         | Version:                    | aluminium                    |
| Diffuser material:                           | PC          | LED lifespan L70B50 [h]:    | 120000                       |
| Diffuser type:                               | matrix led  | LED lifespan L80B20 [h]:    | 75000                        |
| Diffuser colour:                             | transparent | LED lifespan L90B10 [h]:    | 34000                        |
| Material of the body:                        | PP+FG       | Manual:                     | <a href="#">Download PDF</a> |
| Colour of the body:                          | gray        | ENEC Certificate:           | <a href="#">0324/ENEC/23</a> |

## LIGHT CURVES



# ASTRA LED IOT PIR 830 AR1 IP66 II KL. CABLE 0.7M PLUG/GN SP10KV MULTIWATT (19-58W)

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## ACCESSORIES AVAILABLE

| index   | Name                     |
|---------|--------------------------|
| 314049  | wall holder (galvanized) |
| 314056  | wall holder (grey)       |
| UL00229 | mounting grip 78 mm      |



wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm (UL00229)

Card creation date: 14 September 2023

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: 449/2023