

# ASTRA LED 7300LM 840 AR1 IP66 II CL. RCR WIRE 0,7M WTYK/GN SP10KV (53W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                           |        |
|-------------------------------------------|--------|
| <b>Index:</b>                             | 663321 |
| <b>Ingress protection:</b>                | IP65   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 53     |
| <b>Luminous flux [lm]*:</b>               | 7300   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>SDCM:</b>                              | ≤ 5    |
| <b>Colour rendering index:</b>            | > 80   |
| <b>Electrical protection class:</b>       | II     |
| <b>Energy efficiency class:</b>           | C      |

## 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.

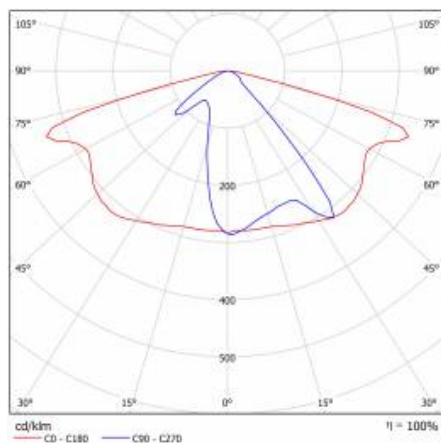
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## TECHNICAL PARAMETERS TABLE

|                                   |                              |                              |                                                                             |
|-----------------------------------|------------------------------|------------------------------|-----------------------------------------------------------------------------|
| Index:                            | 663321                       | Working temperature [°C]:    | from -20 to +35                                                             |
| EAN:                              | 6633215905963                | Beam angle adjustment [°]:   | -5 to +15 (peak); -15 to +5 (side)                                          |
| Light source:                     | LED module                   | Lateral surface (SCx) [m2]:  | 0.020                                                                       |
| Rated power of the luminaire [W]: | 53                           | Wire type:                   | H07RN-F                                                                     |
| Supply voltage [V]:               | 220 - 240                    | Cable length [m]:            | 0.70                                                                        |
| Frequency [Hz]:                   | 50 - 60                      | Number on the palette [pcs]: | 62                                                                          |
| Luminous flux [lm]:               | 7300                         | Net weight [kg]:             | 1.900                                                                       |
| Luminous efficacy [lm/W]:         | 138                          | Category type:               | street lighting                                                             |
| Energy efficiency class:          | C                            | LED lifespan L80B20 [h]:     | 75000                                                                       |
| Electrical protection class:      | II                           | Light distribution type:     | symetryczny/uliczny                                                         |
| Colour temperature [K]:           | 4000                         | Photobiological safety:      | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Colour rendering index:           | > 80                         | Surge protection [kV]:       | 10                                                                          |
| SDCM:                             | ≤ 5                          | Motion sensor:               | yes                                                                         |
| Power factor:                     | 0.97                         | Through wiring:              | H07RN-F                                                                     |
| Diffuser material:                | PC                           | Operating mode:              | 1                                                                           |
| Diffuser type:                    | matrix led                   | ULOR:                        | 0%                                                                          |
| Diffuser colour:                  | transparent                  | Optics:                      | AR1                                                                         |
| Material of the body:             | PP+FG                        | Control:                     | ON/OFF                                                                      |
| Colour of the body:               | gray                         | Optics material:             | PC                                                                          |
| Dimensions (H/W/T/S) [mm]:        | 640/233/113                  | Dusk sensor:                 | yes                                                                         |
| Mounting dimensions [mm]:         | ø60                          | Warranty [years]:            | 5                                                                           |
| Impact resistance:                | IK08                         | CE certificate:              | <a href="#">102/2023</a>                                                    |
| Ingress protection:               | IP65                         | ENEC Certificate:            | <a href="#">0324/ENEC/23</a>                                                |
| Mounting version:                 | Top, on pole / Side, on boom | Manual:                      | <a href="#">Download PDF</a>                                                |

## LIGHT CURVES



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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: 02 February 2024

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: 102/2023