

# ASTRA LED 5200LM 830 AR4 IP66 II CL. WIRE 0,7M PLUG/GN SP10KV 37W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 433238 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 37     |
| <b>Luminous flux [lm]*:</b>               | 5200   |
| <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      |

## 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.

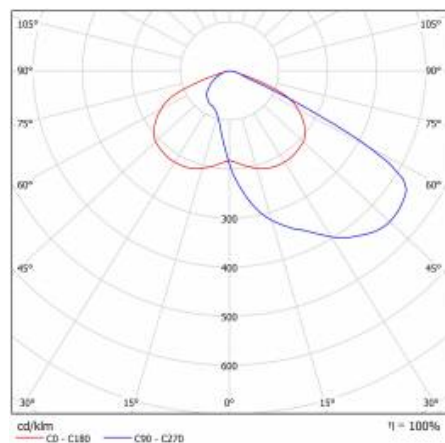
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |   |
|-----------------------------------|---------------|------------------------------|---|
| Index:                            | 433238        | Colour of the body:          | gray                                    |
| EAN:                              | 5905963433238 | Dimensions (H/W/T/S) [mm]:   | 640/233/113                             |
| Rated power of the luminaire [W]: | 37            | Mounting dimensions [mm]:    | 63                                      |
| Light source:                     | LED module    | Impact resistance:           | IK08                                    |
| Colour temperature [K]:           | 3000          | Ingress protection:          | IP66                                    |
| Luminous flux [lm]:               | 5200          | Mounting version:            | na słupie: szczytowy lub z wysięgnikiem |
| Supply voltage [V]:               | 220-240       | Working temperature [°C]:    | from -20 to +35                         |
| Frequency [Hz]:                   | 50-60         | Tilt angle adjustment [°]:   | -5 do +15                               |
| Optics:                           | AR4           | Lateral surface (SCx) [m2]:  | 0.170                                   |
| Luminous efficacy [lm/W]:         | 141           | Wire type:                   | H07RN-F                                 |
| Energy efficiency class:          | C             | Cable length [m]:            | 0.70                                    |
| Electrical protection class:      | II            | Number on the palette [pcs]: | 62                                      |
| Colour rendering index:           | >80           | Net weight [kg]:             | 1.900                                   |
| SDCM:                             | ≤ 3           | Category type:               | street lighting                         |
| Power factor:                     | 0.96          | LED lifespan L80B20 [h]:     | 75000                                   |
| Diffuser material:                | PC            | Light distribution type:     | symetryczny/uliczny                     |
| Diffuser type:                    | matrix led    | Surge protection [kV]:       | 10                                      |
| Diffuser colour:                  | transparent   | CE certificate:              | <a href="#">102/2023</a>                |
| Material of the body:             | PP+FG         | ENEC Certificate:            | <a href="#">0324/ENEC/23</a>            |
|                                   |               | 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