

# ASTRA S LED PRO 1850LM 830 AR5 IP66 I CL. WIRE 0,7M PLUG/GN 12W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 436246 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Rated power of the luminaire [W]*:</b> | 12     |
| <b>Luminous flux [lm]*:</b>               | 1850   |
| <b>Colour temperature [K]:</b>            | 3000   |
| <b>Colour rendering index:</b>            | >80    |
| <b>Electrical protection class:</b>       | I      |
| <b>Optics:</b>                            | AR5    |
| <b>Colour of the body:</b>                | grey   |
| <b>Luminous efficacy [lm/W]:</b>          | 154    |

## CHARACTERISTICS

LED road luminaire with high luminous efficiency and energy-saving integrated LED module. Self-cleaning body made of polypropylene (PP) with fibreglass (FG), handle made of aluminium. The luminaire uses directional lens matrices (made of polycarbonate PC). The luminaire is characterised by a high IP66 ingress protection rating and mechanical impact resistance. The integrated bracket, which is adjustable in increments of 5 degrees, allows adjustment from: -5° to +15° (top, on pole); -5° to +15° (side, on boom). Supplied with 0.7m of H07RN-F cable as standard.

## APPLICATION

Road luminaire suitable for illumination of: streets and municipal, local, internal and neighbourhood roads, cycle paths, alleys, pavements, car parks, squares, private properties and all open spaces.

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## TECHNICAL PARAMETERS TABLE

|                                   |                 |                            |                              |
|-----------------------------------|-----------------|----------------------------|------------------------------|
| Index:                            | 436246          | Diffuser type:             | matrix led                   |
| Rated power of the luminaire [W]: | 12              | Material of the body:      | PP+GF                        |
| EAN:                              | 5905963436246   | Colour of the body:        | grey                         |
| Luminous flux [lm]:               | 1850            | Dimensions (H/W/T/S) [mm]: | 75/175/500                   |
| Category type:                    | street lighting | Mounting dimensions [mm]:  | ø60                          |
| Luminous efficacy [lm/W]:         | 154             | Ingress protection:        | IP66                         |
| Light source:                     | LED module      | Net weight [kg]:           | 1.400                        |
| Energy efficiency class:          | C               | Warranty [years]:          | 5                            |
| Colour temperature [K]:           | 3000            | CE certificate:            | <a href="#">42/2024</a>      |
| Supply voltage [V]:               | 220 - 240       | Manual:                    | <a href="#">Download PDF</a> |
| Colour rendering index:           | >80             | Product line:              | PRO                          |
| Frequency [Hz]:                   | 50 - 60         | Impact resistance:         | IK08                         |
| Electrical protection class:      | I               | Working temperature [°C]:  | from -25 to +45              |
| Optics:                           | AR5             | ENEC Certificate:          | <a href="#">0373/ENEC/24</a> |
| Surge protection [kV]:            | 1               |                            |                              |
| Diffuser material:                | PC              |                            |                              |

## LIGHT CURVES



Card creation date: 14 May 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: 42/2024



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