

# ASTRA LED S 1800LM 840 AR2 IP66 I CL. WIRE 0,7M PLUG/GN SP10KV (13W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 433504 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Rated power of the luminaire [W]*:</b> | 13     |
| <b>Luminous flux [lm]*:</b>               | 1800   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Colour rendering index:</b>            | >80    |
| <b>Electrical protection class:</b>       | I      |
| <b>Optics:</b>                            | AR2    |
| <b>Colour of the body:</b>                | grey   |
| <b>Luminous efficacy [lm/W]:</b>          | 138    |

## 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.

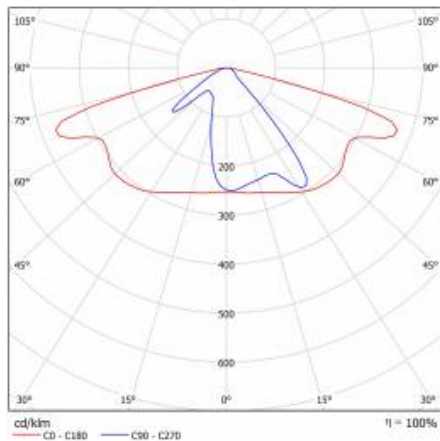
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## TECHNICAL PARAMETERS TABLE

|                                   |                 |                             |                              |
|-----------------------------------|-----------------|-----------------------------|------------------------------|
| Index:                            | 433504          | Diffuser material:          | PC                           |
| Rated power of the luminaire [W]: | 13              | Diffuser type:              | clear                        |
| EAN:                              | 5905963433504   | Optics material:            | PC                           |
| Luminous flux [lm]:               | 1800            | Material of the body:       | PP+15% GF                    |
| Category type:                    | street lighting | Colour of the body:         | grey                         |
| Luminous efficacy [lm/W]:         | 138             | Dimensions (H/W/T/S) [mm]:  | 75/175/500                   |
| Light source:                     | LED module      | Mounting dimensions [mm]:   | fi 64/ fi 78                 |
| Energy efficiency class:          | C               | Ingress protection:         | IP66                         |
| Colour temperature [K]:           | 4000            | Mounting version:           | Top, on pole / Side, on boom |
| Supply voltage [V]:               | 230             | Lateral surface (SCx) [m2]: | 0.016                        |
| Colour rendering index:           | >80             | Net weight [kg]:            | 1.290                        |
| Frequency [Hz]:                   | 50              | Wire type:                  | H07RN-F 3x1.5                |
| Electrical protection class:      | I               | Warranty [years]:           | 5                            |
| Optics:                           | AR2             | CE certificate:             | <a href="#">16/2024</a>      |
| SDCM:                             | ≤ 4             | Manual:                     | <a href="#">Download PDF</a> |
| Power factor:                     | 0.82            | ENEC Certificate:           |                              |
| Surge protection [kV]:            | 10              |                             |                              |

## 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: 16/2024



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