

# ASTRA LED ALU 3700LM 857 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (26W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 580086 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 26     |
| <b>Luminous flux [lm]*:</b>               | 3700   |
| <b>Colour temperature [K]:</b>            | 5700   |
| <b>Colour rendering index:</b>            | > 80   |
| <b>Electrical protection class:</b>       | II     |
| <b>Optics:</b>                            | AR1    |
| <b>Colour of the body:</b>                | grey   |

## CHARACTERISTICS

LED road luminaire with high luminous efficacy (up to 151 lm/W) and energy-efficient integrated LED module. Self-cleaning body and handle made of powder-coated aluminium. The luminaire uses directional lens matrices (made of polycarbonate PC). The luminaire is characterised by a high degree of protection IP66 and mechanical impact resistance IK08 (vandal resistant). The integrated bracket, adjustable in increments of 5 degrees, allows adjustment from: -5° to +15° (top, on pole); -15° to +5° (side, on boom). Constructed as standard with 0.7m of H07RN-F cable with IP66 quick-connector. Additional options: painting in any RAL colour; RCR sensor controlled by remote control. Certifications: CE, RoHS, ENEC.

## APPLICATION

Road luminaire for use in open areas, for lighting: streets, local roads, cycle paths, alleys, pavements, car parks and squares.

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## TECHNICAL PARAMETERS TABLE

|  |                         |                                    |                                    |
|--|-------------------------|------------------------------------|------------------------------------|
| <b>Index:</b>                            | 580086                  | <b>Colour of the body:</b>         | grey                               |
| <b>EAN:</b>                              | 5905963580086           | <b>Dimensions (H/W/T/S) [mm]:</b>  | 640/233/113                        |
| <b>ETIM class:</b>                       | EC000062                | <b>Mounting dimensions [mm]:</b>   | ø60                                |
| <b>Category type:</b>                    | street lighting         | <b>Impact resistance:</b>          | IK08                               |
| <b>Light source:</b>                     | LED module              | <b>Ingress protection:</b>         | IP66                               |
| <b>Rated power of the luminaire [W]:</b> | 26                      | <b>Mounting version:</b>           | Top, on pole / Side, on boom       |
| <b>Supply voltage [V]:</b>               | 220 - 240               | <b>Tilt angle adjustment [°]:</b>  | -5 to +15 (peak); -15 to +5 (side) |
| <b>Frequency [Hz]:</b>                   | 50 - 60                 | <b>Lateral surface (SCx) [m2]:</b> | 0.018                              |
| <b>Luminous flux [lm]:</b>               | 3700                    | <b>Working temperature [°C]:</b>   | from -20 to +35                    |
| <b>Luminous efficacy [lm/W]:</b>         | 142                     | <b>LED lifespan L90B10 [h]:</b>    | 34000                              |
| <b>Energy efficiency class:</b>          | C                       | <b>Wire type:</b>                  | H07RN-F                            |
| <b>Electrical protection class:</b>      | II                      | <b>ULOR:</b>                       | 0%                                 |
| <b>Colour temperature [K]:</b>           | 5700                    | <b>LED lifespan L70B50 [h]:</b>    | 120000                             |
| <b>Colour rendering index:</b>           | > 80                    | <b>LED lifespan L80B20 [h]:</b>    | 75000                              |
| <b>SDCM:</b>                             | ≤ 5                     | <b>Control:</b>                    | ON/OFF                             |
| <b>Power factor:</b>                     | 0.93                    | <b>Cable length [m]:</b>           | 0.70                               |
| <b>Surge protection [kV]:</b>            | 10                      | <b>Net weight [kg]:</b>            | 2.950                              |
| <b>Diffuser type:</b>                    | matrix led              | <b>Warranty [years]:</b>           | 5                                  |
| <b>Optics material:</b>                  | PC                      | <b>CE certificate:</b>             | <a href="#">467/2023</a>           |
| <b>Optics:</b>                           | AR1                     | <b>ENEC Certificate:</b>           | <a href="#">0324/ENEC/23</a>       |
| <b>Material of the body:</b>             | powder coated aluminium | <b>Manual:</b>                     | <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: 12 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: 467/2023