

ASTRA LED ALU 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|-------------------------------------------|--------|
| Index: | 580659 |
| Ingress protection: | IP66 |
| Impact resistance: | IK08 |
| Rated power of the luminaire [W]*: | 103 |
| Luminous flux [lm]*: | 12800 |
| Colour temperature [K]: | 5700 |
| Colour rendering index: | > 80 |
| Electrical protection class: | I |
| Optics: | AR2 |
| Colour of the body: | 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.

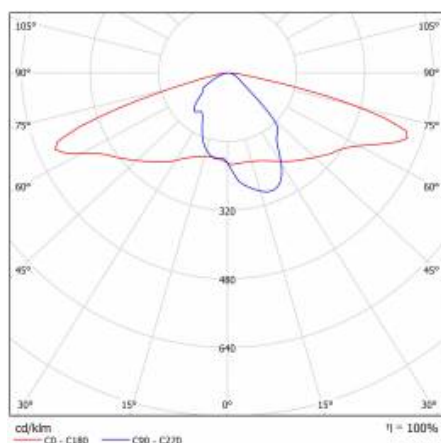
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DETAILED CARD

TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|-----------------|-----------------------------|------------------------------------|
| Index: | 580659 | Material of the body: | powder coated aluminium |
| Rated power of the luminaire [W]: | 103 | Colour of the body: | grey |
| EAN: | 5905963580659 | Mounting dimensions [mm]: | ø60 |
| Luminous flux [lm]: | 12800 | Impact resistance: | IK08 |
| ETIM class: | EC000062 | Ingress protection: | IP66 |
| Category type: | street lighting | Mounting version: | Top, on pole / Side, on boom |
| Light source: | LED module | Tilt angle adjustment [°]: | -5 to +15 (peak); -15 to +5 (side) |
| Colour temperature [K]: | 5700 | Lateral surface (SCx) [m2]: | 0.018 |
| Supply voltage [V]: | 220 - 240 | Working temperature [°C]: | from -20 to +35 |
| Electrical protection class: | I | LED lifespan L90B10 [h]: | 35000 |
| Frequency [Hz]: | 50 - 60 | Wire type: | H07RN-F |
| Optics: | AR2 | ULOR: | 0% |
| Luminous efficacy [lm/W]: | 124 | LED lifespan L70B50 [h]: | 112000 |
| Energy efficiency class: | D | LED lifespan L80B20 [h]: | 71000 |
| Colour rendering index: | > 80 | Control: | ON/OFF |
| SDCM: | ≤ 5 | Cable length [m]: | 0.70 |
| Power factor: | 0.98 | Net weight [kg]: | 2.950 |
| Surge protection [kV]: | 10 | Warranty [years]: | 5 |
| Diffuser type: | matrix led | CE certificate: | 467/2023 |
| Optics material: | PC | ENEC Certificate: | 0323/ENEC/23 |
| Dimensions (H/W/T/S) [mm]: | 640/233/113 | Manual: | Download PDF |

LIGHT CURVES



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DETAILED CARD

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