# ASTRA LED ALU 9100LM 857 AR1 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 580291 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK08 |
| **Rated power of the luminaire [W]*:** | 69 |
| **Luminous flux [lm]*:** | 9100 |
| **Colour temperature [K]:** | 5700 |
| **Color rendering index (Ra) >:** | 80 |
| **Electrical protection class:** | I |
| **Optics:** | AR1 |
| **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.

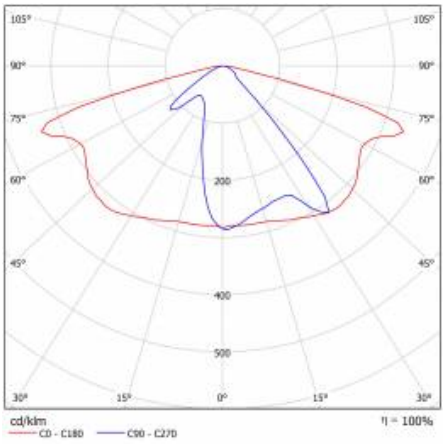
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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 580291 | **Dimensions (H/W/T/S) [mm]:** | 640/233/113 |
| **EAN:** | 5905963580291 | **Mounting dimensions [mm]:** | ø60 |
| **ETIM class:** | EC000062 | **Impact resistance:** | IK08 |
| **Category type:** | street lighting | **Ingress protection:** | IP66 |
| **Light source:** | LED module | **Mounting version:** | Top, on pole / Side, on boom |
| **Rated power of the luminaire [W]:** | 69 | **Tilt angle adjustment [°]:** | -5 to +15 (peak); -15 to +5 (side) |
| **Supply voltage [V]:** | 220 - 240 | **Lateral surface (SCx) [m2]:** | 0.018 |
| **Frequency [Hz]:** | 50 - 60 | **Working temperature [°C]:** | from -20 to +35 |
| **Luminous flux [lm]:** | 9100 | **LED lifespan L90B10 [h]:** | 34000 |
| **Luminous efficacy [lm/W]:** | 132 | **Wire type:** | H07RN-F |
| **Energy efficiency class:** | D | **ULOR:** | 0% |
| **Electrical protection class:** | I | **LED lifespan L70B50 [h]:** | 120000 |
| **Colour temperature [K]:** | 5700 | **LED lifespan L80B10 [h]:** | 75000 |
| **Color rendering index (Ra) >:** | 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 |
| **Optics:** | AR1 | **Manual:** | Download PDF |
| **Material of the body:** | powder coated aluminium | **Environmental Product Declaration (EPD):** | 816/2025 |
| **Colour of the body:** | grey | **Category of application:** | Street lighting |

## LIGHT CURVES

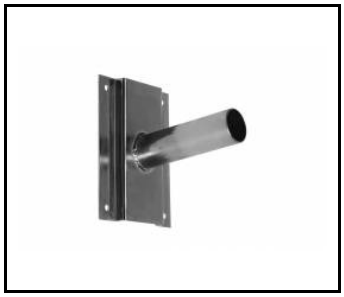


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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 314049 | wall holder (galvanized) |
| 314056 | wall holder (grey) |
| 598357 | Pole adapter 80/60 ALU |
| UL00214 | Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED |



wall holder (galvanized) (314049)



wall holder (grey) (314056)



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 467/2023

LENA LIGHTING

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