

# ASTRA LED ALU 6950LM 830 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (53W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |        |
|------------------------------------|--------|
| Index:                             | 580185 |
| Ingress protection:                | IP66   |
| Impact resistance:                 | IK08   |
| Rated power of the luminaire [W]*: | 53     |
| Luminous flux [lm]*:               | 6950   |
| Colour temperature [K]:            | 3000   |
| Colour rendering index:            | > 80   |
| Electrical protection class:       | II     |
| 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.

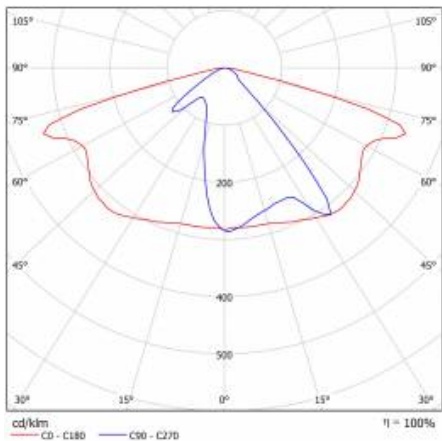
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## TECHNICAL PARAMETERS TABLE

|                                   |                 |                             |                                    |
|-----------------------------------|-----------------|-----------------------------|------------------------------------|
| Index:                            | 580185          | Material of the body:       | powder coated aluminium            |
| Rated power of the luminaire [W]: | 53              | Colour of the body:         | grey                               |
| EAN:                              | 5905963580185   | Mounting dimensions [mm]:   | ø60                                |
| Luminous flux [lm]:               | 6950            | 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]:           | 3000            | Lateral surface (SCx) [m2]: | 0.018                              |
| Supply voltage [V]:               | 220 - 240       | Working temperature [°C]:   | from -20 to +35                    |
| Electrical protection class:      | II              | LED lifespan L90B10 [h]:    | 34000                              |
| Frequency [Hz]:                   | 50 - 60         | Wire type:                  | H07RN-F                            |
| Optics:                           | AR1             | ULOR:                       | 0%                                 |
| Luminous efficacy [lm/W]:         | 131             | LED lifespan L70B50 [h]:    | 120000                             |
| Energy efficiency class:          | D               | LED lifespan L80B20 [h]:    | 75000                              |
| Colour rendering index:           | > 80            | Control:                    | ON/OFF                             |
| SDCM:                             | ≤ 5             | Cable length [m]:           | 0.70                               |
| Power factor:                     | 0.97            | Net weight [kg]:            | 2.950                              |
| Surge protection [kV]:            | 10              | Warranty [years]:           | 5                                  |
| Diffuser type:                    | matrix led      | CE certificate:             | <a href="#">467/2023</a>           |
| Optics material:                  | PC              | ENEC Certificate:           | <a href="#">0324/ENEC/23</a>       |
| Dimensions (H/W/T/S) [mm]:        | 640/233/113     | Manual:                     | <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)