

ASTRA LED BASIC 6500LM 857 IP66 I CL. SP10KV 51W

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|--------|
| Index: | 664724 |
| Ingress protection: | IP66 |
| Impact resistance: | IK08 |
| Luminous flux [lm]*: | 6500 |
| Rated power of the luminaire [W]*: | 51 |
| Colour temperature [K]: | 5700 |
| SDCM: | 3 |
| Color rendering index (Ra) >: | 80 |
| Electrical protection class: | I |
| Energy efficiency class: | D |

CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 173 lm/W) and an integrated energy-saving LED module. The self-cleaning body made of polypropylene (PP) with fibreglass (FG) and the grip made of aluminium. Thanks to the directional lens (made of PC), the light distribution meets the requirements of PN-EN 13201 lighting class. IP66 ingress protection class and IK08 impact-rating features make this fitting extremely tight and shock-resistant (vandal-resistant). Integrated, step-regulated grip allows to set the fitting by 5 degrees in the range of: -5° to +15° (peak to pole); -15° to +5° (side to boom).

APPLICATION

Streetlight fitting used in open spaces to lighten: streets, local roads, bicycle paths, alleys, pavements, car parks and squares. Installation and Mounting: lateral side entry, post-top mounting. Mounting grip integrated with the fitting.

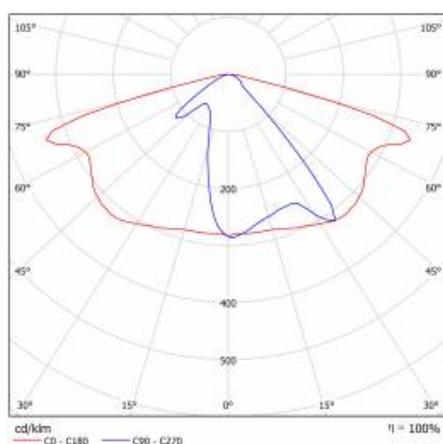
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TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|-------------|------------------------------|------------------------------|
| Index: | 664724 | Colour of the body: | grey |
| Light source: | LED module | Mounting version: | side, top |
| Rated power of the luminaire [W]: | 51 | Working temperature [°C]: | from -15 to +35 |
| Luminous flux [lm]: | 6500 | Tilt angle adjustment [°]: | od -5 do +15 |
| Luminous efficacy [lm/W]: | 153 | Lateral surface (SCx) [m2]: | 0.018 |
| Energy efficiency class: | D | Wire type: | H07RN-F |
| Electrical protection class: | I | Cable length [m]: | 0.50 |
| Colour temperature [K]: | 5700 | Protection type: | 10 |
| Color rendering index (Ra) >: | 80 | Number on the palette [pcs]: | 62 |
| SDCM: | 3 | Net weight [kg]: | 1.900 |
| Power factor: | 0.93 | Category type: | street lighting |
| Diffuser material: | PC | LED lifespan L70B50 [h]: | 122000 |
| Diffuser type: | matrix led | LED lifespan L80B10 [h]: | 77000 |
| Diffuser colour: | transparent | LED lifespan L90B10 [h]: | 36000 |
| Optics material: | PC | Light distribution type: | uliczny |
| Optics: | matrix lens | Manual: | Download PDF |
| Dimensions (H/W/T/S) [mm]: | 640/113/233 | CE certificate: | 273/2023 |
| Mounting dimensions [mm]: | ø60 | Warranty [years]: | 5 |
| Material of the body: | PP + 35%GF | ENEC Certificate: | 0323/ENEC/23 |
| Ingress protection: | IP66 | Category of application: | Street lighting |
| Impact resistance: | IK08 | Plik LDT: | Download |

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

| index | Name |
|---------|--|
| 598357 | Pole adapter 80/60 ALU |
| UL00214 | Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED |



Pole adapter 80/60 ALU (598357)



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

Card creation date: 29 October 2025

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: 273/2023