

# 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    |
| Colour rendering index:            | >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.

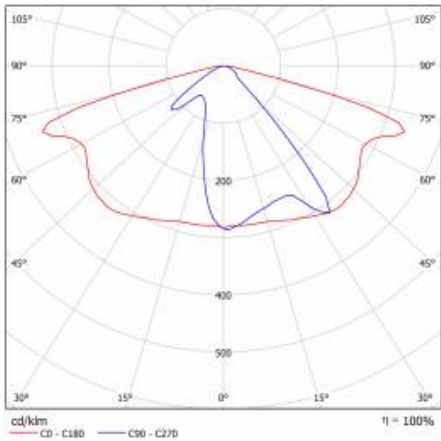
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## TECHNICAL PARAMETERS TABLE

|                                   |             |                              |                              |
|-----------------------------------|-------------|------------------------------|------------------------------|
| Index:                            | 664724      | Colour of the body:          | grey                         |
| Rated power of the luminaire [W]: | 51          | Mounting version:            | side, top                    |
| Light source:                     | LED module  | Working temperature [°C]:    | from -15 to +35              |
| Colour temperature [K]:           | 5700        | Tilt angle adjustment [°]:   | od -5 do +15                 |
| Luminous flux [lm]:               | 6500        | Lateral surface (SCx) [m2]:  | 0.018                        |
| Diffuser type:                    | matrix led  | Wire type:                   | H07RN-F                      |
| Energy efficiency class:          | D           | Cable length [m]:            | 0.50                         |
| Luminous efficacy [lm/W]:         | 153         | Protection type:             | 10                           |
| Electrical protection class:      | I           | Number on the palette [pcs]: | 62                           |
| Colour rendering index:           | >80         | Net weight [kg]:             | 1.900                        |
| SDCM:                             | ≤ 3         | Category type:               | street lighting              |
| Power factor:                     | 0.93        | LED lifespan L70B50 [h]:     | 122000                       |
| Diffuser material:                | PC          | LED lifespan L80B20 [h]:     | 77000                        |
| Diffuser colour:                  | transparent | LED lifespan L90B10 [h]:     | 36000                        |
| Optics material:                  | PC          | Light distribution type:     | uliczny                      |
| Optics:                           | matrix lens | Manual:                      | <a href="#">Download PDF</a> |
| Dimensions (H/W/T/S) [mm]:        | 640/113/233 | CE certificate:              | <a href="#">273/2023</a>     |
| Mounting dimensions [mm]:         | ø60         | Warranty [years]:            | 5                            |
| Material of the body:             | PP 35%GF    | ENEC Certificate:            | <a href="#">0323/ENEC/23</a> |
| Ingress protection:               | IP66        | Plik LDT:                    | <a href="#">Download</a>     |
| Impact resistance:                | IK08        |                              |                              |

## LIGHT CURVES



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

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## ACCESSORIES AVAILABLE

| index   | Name                |
|---------|---------------------|
| UL00229 | mounting grip 78 mm |



mounting grip 78 mm (UL00229)

Card creation date: 09 May 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