

# ASTRA LED BASIC VD 5350LM 830 IP66 I CL. SP10KV 50W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |      |
|------------------------------------|------|
| Ingress protection:                | IP66 |
| Impact resistance:                 | IK08 |
| Rated power of the luminaire [W]*: | 50   |
| Luminous flux [lm]*:               | 5350 |
| Colour temperature [K]:            | 3000 |
| SDCM:                              | ≤ 5  |
| Colour rendering index:            | 80   |
| Electrical protection class:       | I    |
| Energy efficiency class:           | E    |

## CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 116 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.

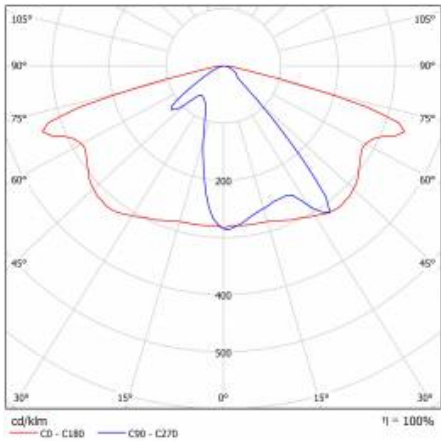
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## TECHNICAL PARAMETERS TABLE

|                                   |             |                              |                              |
|-----------------------------------|-------------|------------------------------|------------------------------|
| Index:                            | 664601      | Mounting version:            | side, top                    |
| Light source:                     | LED module  | Working temperature [°C]:    | from -40 to +35              |
| Rated power of the luminaire [W]: | 50          | Tilt angle adjustment [°]:   | od -5 do +15                 |
| Luminous flux [lm]:               | 5350        | Lateral surface (SCx) [m2]:  | 0.018                        |
| Luminous efficacy [lm/W]:         | 106         | Wire type:                   | H07RN-F                      |
| Energy efficiency class:          | E           | Cable length [m]:            | 0.50                         |
| Electrical protection class:      | I           | Protection type:             | 10                           |
| Colour temperature [K]:           | 3000        | Number on the palette [pcs]: | 62                           |
| Colour rendering index:           | 80          | Net weight [kg]:             | 1.900                        |
| SDCM:                             | ≤ 5         | Category of application:     | Street lighting              |
| Power factor:                     | 0.93        | LED lifespan L70B50 [h]:     | 120000                       |
| Diffuser type:                    | matrix led  | LED lifespan L80B20 [h]:     | 75000                        |
| 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="#">52/2021</a>      |
| Mounting dimensions [mm]:         | ø60         | Warranty [years]:            | 5                            |
| Ingress protection:               | IP66        | ULOR:                        | 0%                           |
| Impact resistance:                | IK08        | Plik LDT:                    | <a href="#">Download</a>     |
| Colour of the body:               | grey        |                              |                              |

## LIGHT CURVES



# ASTRA LED BASIC VD 5350LM 830 IP66 I CL. SP10KV 50W

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## ACCESSORIES AVAILABLE

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




mounting grip 78 mm (UL00229)

Card creation date:13 March 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 52/2021