

# ASTRA LED BASIC VD 8200LM 830 IP66 I CL. SP10KV 80W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |            |
|------------------------------------|------------|
| Ingress protection:                | IP66       |
| Impact resistance:                 | IK08       |
| Rated power of the luminaire [W]*: | 80         |
| Luminous flux [lm]*:               | 8200       |
| Colour temperature [K]:            | 3000       |
| SDCM:                              | ≤ 5        |
| Colour rendering index:            | 80         |
| Electrical protection class:       | I          |
| Energy efficiency class:           | E          |
| Material of the body:              | PP + 35%GF |

## 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.

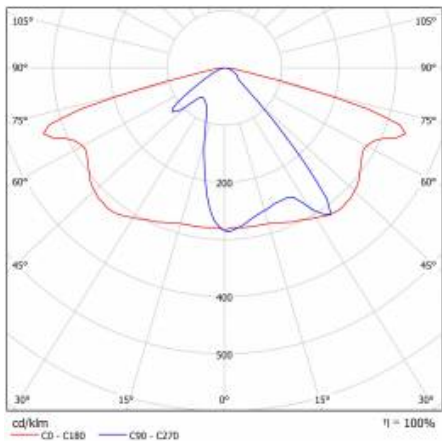
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## TECHNICAL PARAMETERS TABLE

|                                   |             |                              |                              |
|-----------------------------------|-------------|------------------------------|------------------------------|
| Index:                            | 664649      | Colour of the body:          | grey                         |
| Light source:                     | LED module  | Mounting version:            | side, top                    |
| Rated power of the luminaire [W]: | 80          | Working temperature [°C]:    | from -40 to +35              |
| Luminous flux [lm]:               | 8200        | Tilt angle adjustment [°]:   | od -5 do +15                 |
| Luminous efficacy [lm/W]:         | 109         | Lateral surface (SCx) [m2]:  | 0.018                        |
| Energy efficiency class:          | E           | Wire type:                   | H07RN-F                      |
| Electrical protection class:      | I           | Cable length [m]:            | 0.50                         |
| Colour temperature [K]:           | 3000        | Protection type:             | 10                           |
| Colour rendering index:           | 80          | Number on the palette [pcs]: | 62                           |
| SDCM:                             | ≤ 5         | Net weight [kg]:             | 1.900                        |
| Power factor:                     | 0.99        | Category of application:     | Street lighting              |
| Diffuser type:                    | matrix led  | LED lifespan L70B50 [h]:     | 120000                       |
| Diffuser colour:                  | transparent | LED lifespan L80B20 [h]:     | 75000                        |
| Optics material:                  | PC          | LED lifespan L90B10 [h]:     | 36000                        |
| Optics:                           | matrix lens | Light distribution type:     | uliczny                      |
| Dimensions (H/W/T/S) [mm]:        | 640/113/233 | Manual:                      | <a href="#">Download PDF</a> |
| Mounting dimensions [mm]:         | ø60         | CE certificate:              | <a href="#">52/2021</a>      |
| Material of the body:             | PP + 35%GF  | Warranty [years]:            | 5                            |
| Ingress protection:               | IP66        | Plik LDT:                    | <a href="#">Download</a>     |
| Impact resistance:                | IK08        |                              |                              |

## LIGHT CURVES



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DETAILED CARD

## 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



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