

# ASTRA LED BASIC 4100LM 830 IP66 I CL. SP10KV 32W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                           |        |
|-------------------------------------------|--------|
| <b>Index:</b>                             | 664595 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Luminous flux [lm]*:</b>               | 4100   |
| <b>Rated power of the luminaire [W]*:</b> | 32     |
| <b>Colour temperature [K]:</b>            | 3000   |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Colour rendering index:</b>            | >80    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | 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); -5° to +15° (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.

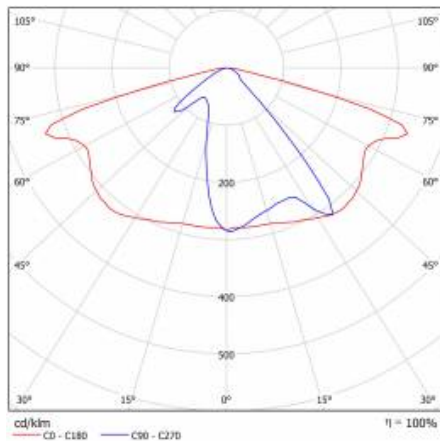
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## TECHNICAL PARAMETERS TABLE

|                                   |             |                                   |                              |
|-----------------------------------|-------------|-----------------------------------|------------------------------|
| Index:                            | 664595      | Impact resistance:                | IK08                         |
| Light source:                     | LED module  | Colour of the body:               | grey                         |
| Rated power of the luminaire [W]: | 32          | Mounting version:                 | side, top                    |
| Luminous flux [lm]:               | 4100        | Working temperature [°C]:         | from -15 to +35              |
| Luminous efficacy [lm/W]:         | 173         | Beam angle adjustment [°]:        | od -5 do +15                 |
| Energy efficiency class:          | D           | Lateral surface (SCx) [m2]:       | 0.018                        |
| Electrical protection class:      | I           | Wire type:                        | H07RN-F                      |
| Colour temperature [K]:           | 3000        | Cable length [m]:                 | 0.50                         |
| Colour rendering index:           | >80         | Protection type:                  | 10                           |
| SDCM:                             | ≤ 3         | Number on the palette [pcs]:      | 62                           |
| Power factor:                     | 0.93        | Net weight of the luminaire [kg]: | 1.900                        |
| Diffuser material:                | PC          | Warranty [years]:                 | 3                            |
| Diffuser type:                    | matrix led  | Category type:                    | street lighting              |
| Diffuser colour:                  | transparent | LED lifespan L70B50 [h]:          | 122000                       |
| Optics material:                  | PC          | LED lifespan L80B20 [h]:          | 77000                        |
| Optics:                           | matrix lens | LED lifespan L90B10 [h]:          | 36000                        |
| Dimensions (H/W/T/S) [mm]:        | 640/113/233 | Light distribution type:          | uliczny                      |
| Mounting dimensions [mm]:         | Ø64         | Manual:                           | <a href="#">Download PDF</a> |
| Material of the body:             | PP 35%GF    | CE certificate:                   | <a href="#">54/2021</a>      |
| Ingress protection:               | IP66        | Warranty [years]:                 | 5                            |

## LIGHT CURVES



# ASTRA LED BASIC 4100LM 830 IP66 I CL. SP10KV 32W

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## ACCESSORIES AVAILABLE

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



mounting grip 78 mm (UL00229)

Card creation date: 28 April 2021

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: 54/2021