

# MITRA LED BASIC 3850LM 4000K MAT IP66 I KL. (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 957116 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Rated power of the luminaire [W]*:</b> | 45     |
| <b>Luminous flux [lm]*:</b>               | 3850   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>SDCM:</b>                              | ≤ 5    |
| <b>Colour rendering index:</b>            | >80    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | F      |
| <b>Material of the body:</b>              | PP+FG  |

## CHARACTERISTICS

LED fitting with high luminous efficiency and an energy-saving, integrated LED panel. Body made of polypropylene (PP) with glass fiber (GF), aluminum handle and polycarbonate diffuser (PC).

The lamp is available with general G1 light distribution - with a frozen diffuser.

IP66 ingress protection class and IK07 impact-rating features make this fitting shock-resistant (vandal-resistant). The integrated handle allows for top mounting to the pole. Colour of the body: gray (RAL 7010).

Standard equipped with:

- surge protection (SP10kV),
- H07RN-F cable with a length of 0.6m.

## APPLICATION

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

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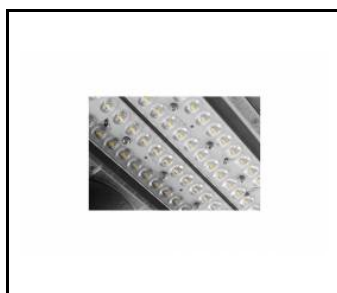
## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                              |
|-----------------------------------|---------------|------------------------------|------------------------------|
| Index:                            | 957116        | Dimensions (H/W/T/S) [mm]:   | 398/398/174                  |
| Rated power of the luminaire [W]: | 45            | Ingress protection:          | IP66                         |
| EAN:                              | 5905963957116 | Mounting version:            | top                          |
| Colour temperature [K]:           | 4000          | Working temperature [°C]:    | from -40 to +35              |
| Light source:                     | LED module    | Wire type:                   | H07RN-F                      |
| Luminous flux [lm]:               | 3850          | Number on the palette [pcs]: | 48                           |
| Nominal power [W]:                | 37            | Net weight [kg]:             | 1.900                        |
| Diffuser type:                    | MAT           | Warranty [years]:            | 3                            |
| Energy efficiency class:          | F             | Category type:               | Park and city lighting       |
| Luminous efficacy [lm/W]:         | 87            | Category of application:     | parkings and bicycle paths   |
| Electrical protection class:      | I             | LED lifespan L70B50 [h]:     | 120000                       |
| Colour rendering index:           | >80           | ULOR:                        | 0%                           |
| SDCM:                             | ≤ 5           | Warranty [years]:            | 5                            |
| Surge protection [kV]:            | 2             | Manual:                      | <a href="#">Download PDF</a> |
| Diffuser material:                | PC            | CE certificate:              | <a href="#">101/2023</a>     |
| Material of the body:             | PP+FG         | Pliik LDT:                   |                              |
| Colour of the body:               | grey          |                              |                              |

## TECHNICAL DETAILS



MITRA LED



MITRA LED

Card creation date: 08 August 2022

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: 101/2023