

MITRA LED 5050LM 3000K MAT IP66 I KL. (44W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|-------------------------------------|------------|
| Light source: | LED module |
| Ingress protection: | IP66 |
| Nominal power [W]: | 44 |
| Luminous flux [lm]*: | 5050 |
| Colour temperature [K]: | 3000 |
| SDCM: | ≤ 3 |
| Colour rendering index: | >80 |
| Electrical protection class: | I |
| Energy efficiency class: | D |
| Material of the body: | 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 in two versions of light distribution:

- general G1 - with a frosted diffuser,
- road RM1 - with a transparent diffuser and directional lens matrices made of PMMA.

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 0.6 m and an IP66 quick connection.

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: | 956362 | Mounting dimensions [mm]: | ø60 |
| EAN: | 5905963956362 | Ingress protection: | IP66 |
| Light source: | LED module | Mounting version: | on the pole |
| Nominal power [W]: | 44 | Working temperature [°C]: | from -15 to +35 |
| Rated power of the luminaire [W]: | 43.70 | Diode size [mm]: | 2835 |
| Luminous flux [lm]: | 5050 | Dimensions of single box [mm]: | 400/400/175 |
| Luminous efficacy [lm/W]: | 118 | Net weight [kg]: | 1.900 |
| Energy efficiency class: | D | Warranty [years]: | 5 |
| Electrical protection class: | I | Category type: | Park and city lighting |
| Colour temperature [K]: | 3000 | Light distribution type: | G1 |
| Colour rendering index: | >80 | Category of application: | parkings and bicycle paths |
| SDCM: | ≤ 3 | Beam angle [°]: | 50000 |
| Power factor: | 0.98 | Gross weight [kg]: | 1.900 |
| LED lifespan L70B50 [h]: | 90000 | Permeability factor of the diffuser: | 0.80 |
| Surge protection [kV]: | 2 | ETIM class: | ECO00062 |
| Diffuser material: | PC | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Diffuser type: | frozen | ULOR: | 0% |
| Diffuser colour: | transparent | Warranty [years]: | 5 |
| Material of the body: | PP+FG | CE certificate: | 100/2023 |
| Colour of the body: | grey | Manual: | Download PDF |
| Dimensions (H/W/T/S) [mm]: | 398/398/175 | | |

LIGHT CURVES



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TECHNICAL DETAILS



MITRA LED



MITRA LED

Card creation date: 16 December 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: 100/2023