

MITRA LED 6450LM 4000K RM1 IP66 I KL. (52W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|-------------------------------|------------|
| Light source: | LED module |
| Ingress protection: | IP66 |
| Nominal power [W]: | 52 |
| Luminous flux [lm]*: | 6450 |
| Colour temperature [K]: | 4000 |
| SDCM: | 3 |
| Color rendering index (Ra) >: | 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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| | | | |
|-----------------------------------|---------------|--------------------------------------|---|
| Index: | 956010 | Colour of the body: | grey |
| EAN: | 5905963956010 | Dimensions (H/W/T/S) [mm]: | 398/398/175 |
| Light source: | LED module | Mounting dimensions [mm]: | 398/398/174 |
| Nominal power [W]: | 52 | Ingress protection: | IP66 |
| Rated power of the luminaire [W]: | 51.30 | Working temperature [°C]: | from -15 to +35 |
| Supply voltage [V]: | 220-240 | Dimensions of single box [mm]: | 400/400/175 |
| Frequency [Hz]: | 50 - 60 | Net weight [kg]: | 48 |
| Luminous flux [lm]: | 6450 | Warranty [years]: | 5 |
| Luminous efficacy [lm/W]: | 126 | Category type: | Park and city lighting |
| Energy efficiency class: | D | Light distribution type: | RM1 |
| Electrical protection class: | I | Category of application: | parkings and bicycle paths |
| Colour temperature [K]: | 4000 | Beam angle [°]: | 50000 |
| Color rendering index (Ra) >: | 80 | Ring colour: | grey |
| SDCM: | 3 | Gross weight [kg]: | 2.100 |
| Power factor: | 0.97 | Permeability factor of the diffuser: | 0.80 |
| LED lifespan L70B50 [h]: | 90000 | ETIM class: | EC000062 |
| Surge protection [kV]: | 2 | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Diffuser material: | PC | ULOR: | 0% |
| Diffuser type: | transparent | Warranty [years]: | 5 |
| Diffuser colour: | transparent | CE certificate: | 100/2023 |
| Optics material: | PMMA | Manual: | Download PDF |
| Optics: | matrix lens | Plik LDT: | Download |
| Material of the body: | PP+FG | | |

LIGHT CURVES



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TECHNICAL DETAILS



MITRA LED



MITRA LED



MITRA LED

Card creation date: 04 June 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 100/2023



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