MITRA LED 5400LM 4000K MAT IP66 I KL. (44W)

DETAILED CARD



Light source: LED module Ingress protection: IP66 44 Nominal power [W]: Luminous flux [lm]*: 5400 Colour temperature [K]: 4000 SDCM: ≤3 Colour rendering index: >80 **Electrical protection class: Energy efficiency class:** PP+FG Material of the body:

TECHNICAL PARAMETERS

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 distribiution:

- general G1 with a frozen 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.



MITRA LED 5400LM 4000K MAT IP66 I KL. (44W)

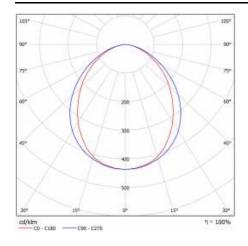
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Index: | 956089 |
|-----------------------------------|---------------|
| EAN: | 5905963956089 |
| Light source: | LED module |
| Nominal power [W]: | 44 |
| Rated power of the luminaire [W]: | 43.70 |
| Supply voltage [V]: | 220-240 |
| Frequency [Hz]: | 50 - 60 |
| Luminous flux [lm]: | 5400 |
| Luminous efficacy [lm/W]: | 124 |
| Energy efficiency class: | D |
| Electrical protection class: | 1 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | >80 |
| SDCM: | ≤3 |
| Power factor: | 0.98 |
| LED lifespan L70B50 [h]: | 90000 |
| Surge protection [kV]: | 2 |
| Diffuser material: | PC |
| Diffuser type: | frozen |
| Diffuser colour: | transparent |
| Material of the body: | PP+FG |
| | |

| Colour of the body: | grey |
|--------------------------------------|---|
| Dimensions (H/W/T/S) [mm]: | 398/398/175 |
| Mounting dimensions [mm]: | 398/398/174 |
| Ingress protection: | IP66 |
| Working temperature [°C]: | from -15 to +35 |
| Dimensions of single box [mm]: | 400/400/175 |
| Net weight [kg]: | 48 |
| Warranty [years]: | 5 |
| Category type: | Park and city lighting |
| Light distribution type: | G1 |
| Category of application: | parkings and bicycle paths |
| Ring colour: | grey |
| Gross weight [kg]: | 1.900 |
| Permeability factor of the diffuser: | 0.80 |
| ETIM class: | EC000062 |
| Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| ULOR: | 0% |
| Warranty [years]: | 5 |
| CE certificate: | 100/2023 |
| Manual: | Download PDF |
| Plik LDT: | Download |

LIGHT CURVES

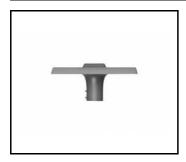




MITRA LED 5400LM 4000K MAT IP66 I KL. (44W)

DETAILED CARD

TECHNICAL DETAILS





MITRA LED

MITRA LED

