

# MITRA LED 1650LM 4000K RM1 IP66 II KL. DALI (13W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |            |
|------------------------------|------------|
| Light source:                | LED module |
| Ingress protection:          | IP66       |
| Nominal power [W]:           | 13         |
| Luminous flux [lm]*:         | 1650       |
| Colour temperature [K]:      | 4000       |
| SDCM:                        | ≤ 3        |
| Colour rendering index:      | >80        |
| Electrical protection class: | II         |
| Energy efficiency class:     | C          |
| 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 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.

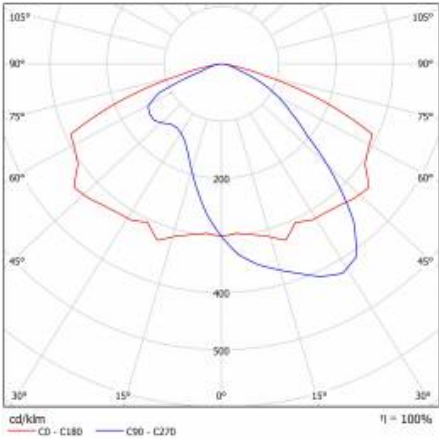
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                                      |                                                                             |
|-----------------------------------|---------------|--------------------------------------|-----------------------------------------------------------------------------|
| Nominal power [W]:                | 13            | Material of the body:                | PP+FG                                                                       |
| Index:                            | 956652        | Colour of the body:                  | grey                                                                        |
| Colour temperature [K]:           | 4000          | Dimensions (H/W/T/S) [mm]:           | 398/398/175                                                                 |
| EAN:                              | 5905963956652 | Mounting dimensions [mm]:            | Ø60                                                                         |
| Luminous flux [lm]:               | 1650          | Ingress protection:                  | IP66                                                                        |
| Light source:                     | LED module    | Mounting version:                    | on the pole                                                                 |
| Light distribution type:          | RM1           | Working temperature [°C]:            | from -15 to +35                                                             |
| Rated power of the luminaire [W]: | 12            | Diode size [mm]:                     | 2835                                                                        |
| Supply voltage [V]:               | 220-240       | Dimensions of single box [mm]:       | 400/400/175                                                                 |
| DIMM DALI:                        | yes           | Net weight [kg]:                     | 2                                                                           |
| Electrical protection class:      | II            | Warranty [years]:                    | 5                                                                           |
| Luminous efficacy [lm/W]:         | 136           | Category type:                       | Park and city lighting                                                      |
| Energy efficiency class:          | C             | Category of application:             | parkings and bicycle paths                                                  |
| Colour rendering index:           | >80           | DIMM 1-10V:                          | yes                                                                         |
| SDCM:                             | ≤ 3           | Gross weight [kg]:                   | 2                                                                           |
| Power factor:                     | 0.95          | Permeability factor of the diffuser: | 0.80                                                                        |
| LED lifespan L70B50 [h]:          | 90000         | ETIM class:                          | EC000062                                                                    |
| Surge protection [kV]:            | 4             | 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:                      | <a href="#">38/2024</a>                                                     |
| Optics material:                  | PMMA          | Manual:                              | <a href="#">Download PDF</a>                                                |
| Optics:                           | matrix lens   | Plik LDT:                            | <a href="#">Download</a>                                                    |

## LIGHT CURVES



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DETAILED CARD

## TECHNICAL DETAILS



MITRA LED



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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: 38/2024



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