

MITRA LED

GENERAL CARD



TECHNICAL PARAMETERS

| | |
|-------------------------------------|-----------------------|
| Ingress protection: | IP66 |
| Nominal power [W]: | 13.00 - 62.00 |
| Luminous flux [lm]*: | 1550 - 7250 |
| Colour temperature [K]: | 3000; 4000 |
| SDCM: | ≤ 3 |
| Colour rendering index: | >80 |
| Electrical protection class: | I; II |
| Energy efficiency class: | C; D; E |
| Material of the body: | PP+FG |
| Colour of the body: | grey |
| Diffuser material: | PC |
| Diffuser type: | frozen; transparent |
| Optics material: | PMMA |
| Optics: | matrix lens |
| Mounting version: | on the pole |
| Working temperature [°C]: | from -15 to +35 |
| Mounting dimensions [mm]: | 398/398/174; Ø60; ø60 |
| Warranty [years]: | 5 |

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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AVAILABLE VERSIONS



Click index >>, to see details

MITRA LED 13W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 13 | 3000 | 1600 | G1 | | I | >> 956263 |
| 13 | 3000 | 1600 | G1 | | II | >> 956270 |
| 13 | 4000 | 1700 | G1 | | I | >> 956119 |
| 13 | 4000 | 1700 | G1 | | II | >> 956232 |
| 13 | 4000 | 1700 | G1 | yes | I | >> 956591 |
| 13 | 4000 | 1700 | G1 | yes | II | >> 956713 |
| 13 | 4000 | 1650 | RM1 | | I | >> 956058 |
| 13 | 4000 | 1650 | RM1 | | II | >> 956171 |
| 13 | 3000 | 1550 | RM1 | | II | >> 956256 |
| 13 | 3000 | 1550 | RM1 | | I | >> 956249 |
| 13 | 4000 | 1650 | RM1 | yes | I | >> 956539 |
| 13 | 4000 | 1650 | RM1 | yes | II | >> 956652 |

MITRA LED 22W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 22 | 3000 | 2700 | G1 | | I | >> 956300 |
| 22 | 3000 | 2700 | G1 | | II | >> 956317 |
| 22 | 4000 | 2900 | G1 | | I | >> 956102 |
| 22 | 4000 | 2900 | G1 | | II | >> 956225 |
| 22 | 4000 | 2900 | G1 | yes | I | >> 956584 |
| 22 | 4000 | 2900 | G1 | yes | II | >> 956706 |
| 22 | 4000 | 2800 | RM1 | | I | >> 956041 |
| 22 | 4000 | 2800 | RM1 | | II | >> 956164 |
| 22 | 3000 | 2600 | RM1 | | I | >> 956287 |
| 22 | 3000 | 2600 | RM1 | | II | >> 956294 |
| 22 | 4000 | 2800 | RM1 | yes | I | >> 956522 |
| 22 | 4000 | 2800 | RM1 | yes | II | >> 956645 |

MITRA LED 31W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 31 | 3000 | 3550 | G1 | | I | >> 956348 |
| 31 | 3000 | 3550 | G1 | | II | >> 956355 |
| 31 | 4000 | 3800 | G1 | | I | >> 956096 |
| 31 | 4000 | 3800 | G1 | | II | >> 956218 |
| 31 | 4000 | 3800 | G1 | yes | I | >> 956577 |

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| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 31 | 4000 | 3800 | G1 | yes | II | >> 956690 |
| 31 | 4000 | 3600 | RM1 | | I | >> 956034 |
| 31 | 4000 | 3600 | RM1 | | II | >> 956157 |
| 31 | 3000 | 3350 | RM1 | | I | >> 956324 |
| 31 | 3000 | 3350 | RM1 | | II | >> 956331 |
| 31 | 4000 | 3600 | RM1 | yes | I | >> 956515 |
| 31 | 4000 | 3600 | RM1 | yes | II | >> 956638 |

MITRA LED 44W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 44 | 4000 | 5400 | G1 | | II | >> 956201 |
| 44 | 3000 | 5050 | G1 | | I | >> 956362 |
| 44 | 3000 | 5050 | G1 | | II | >> 956379 |
| 44 | 4000 | 5400 | G1 | | I | >> 956089 |
| 44 | 4000 | 5400 | G1 | yes | I | >> 956560 |
| 44 | 4000 | 5400 | G1 | yes | II | >> 956683 |
| 44 | 4000 | 5600 | RM1 | | I | >> 956027 |
| 44 | 4000 | 5600 | RM1 | | II | >> 956140 |
| 44 | 3000 | 5250 | RM1 | | I | >> 956386 |
| 44 | 3000 | 5250 | RM1 | | II | >> 956393 |
| 44 | 4000 | 5600 | RM1 | yes | I | >> 956508 |
| 44 | 4000 | 5600 | RM1 | yes | II | >> 956621 |

MITRA LED 52W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 52 | 4000 | 6250 | G1 | | II | >> 956195 |
| 52 | 3000 | 5850 | G1 | | I | >> 956409 |
| 52 | 3000 | 5850 | G1 | | II | >> 956416 |
| 52 | 4000 | 6250 | G1 | | I | >> 956072 |
| 52 | 4000 | 6250 | G1 | yes | I | >> 956553 |
| 52 | 4000 | 6250 | G1 | yes | II | >> 956676 |
| 52 | 4000 | 6450 | RM1 | | I | >> 956010 |
| 52 | 4000 | 6450 | RM1 | | II | >> 956133 |
| 52 | 3000 | 6050 | RM1 | | I | >> 956423 |
| 52 | 3000 | 6050 | RM1 | | II | >> 956430 |
| 52 | 4000 | 6450 | RM1 | yes | I | >> 956492 |
| 52 | 4000 | 6450 | RM1 | yes | II | >> 956614 |

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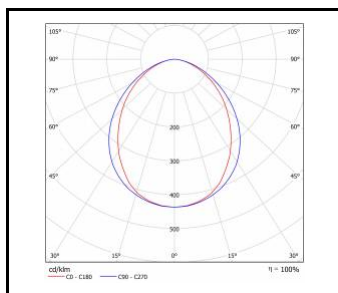
MITRA LED 62W

| Nominal power [W] | Colour temperature [K] | Luminous flux [lm]* | Light distribution type | DIMM DALI | Electrical protection class | Index |
|-------------------|------------------------|---------------------|-------------------------|-----------|-----------------------------|---------------------------------|
| 62 | 4000 | 7050 | G1 | | II | >> 956188 |
| 62 | 3000 | 6600 | G1 | | I | >> 956447 |
| 62 | 3000 | 6600 | G1 | | II | >> 956454 |
| 62 | 4000 | 7050 | G1 | | I | >> 956065 |
| 62 | 4000 | 7050 | G1 | yes | I | >> 956546 |
| 62 | 4000 | 7050 | G1 | yes | II | >> 956669 |
| 62 | 4000 | 7250 | RM1 | | I | >> 956003 |
| 62 | 4000 | 7250 | RM1 | | II | >> 956126 |
| 62 | 3000 | 6800 | RM1 | | I | >> 956461 |
| 62 | 3000 | 6800 | RM1 | | II | >> 956478 |
| 62 | 4000 | 7250 | RM1 | yes | I | >> 956485 |
| 62 | 4000 | 7250 | RM1 | yes | II | >> 956607 |

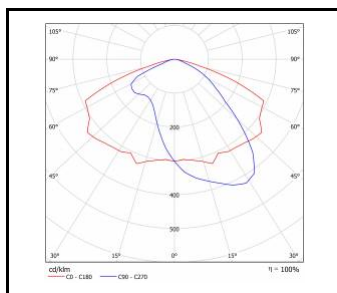
MITRA LED

GENERAL CARD

LUMINOUS INTENSITY DISTRIB. CURVE



MITRA LED G1



MITRA LED RM1

Card creation date: 23 April 2024

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; 38/2024; 44/2019