

MITRA LED 6450LM 4000K RM1 IP66 II 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
Colour rendering index:	80
Electrical protection class:	II
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:	956133	Material of the body:	PP+FG
EAN:	5905963956133	Colour of the body:	grey
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	398/398/175
Nominal power [W]:	52	Mounting dimensions [mm]:	398/398/174
Rated power of the luminaire [W]:	51.30	Ingress protection:	IP66
Supply voltage [V]:	220-240	Working temperature [°C]:	from -15 to +35
Frequency [Hz]:	50 - 60	Dimensions of single box [mm]:	400/400/175
Luminous flux [lm]:	6450	Net weight [kg]:	48
Luminous efficacy [lm/W]:	124	Warranty [years]:	5
Energy efficiency class:	D	Category type:	Park and city lighting
Electrical protection class:	II	Light distribution type:	RM1
Colour temperature [K]:	4000	Category of application:	parkings and bicycle paths
Colour rendering index:	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:	38/2024
Optics material:	PMMA	Manual:	Download PDF
Optics:	matrix lens	Plik LDT:	Download

LIGHT CURVES



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TECHNICAL DETAILS



MITRA LED



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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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