MITRA LED 6450LM 4000K RM1 IP66 II KL. DALI (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:	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 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.

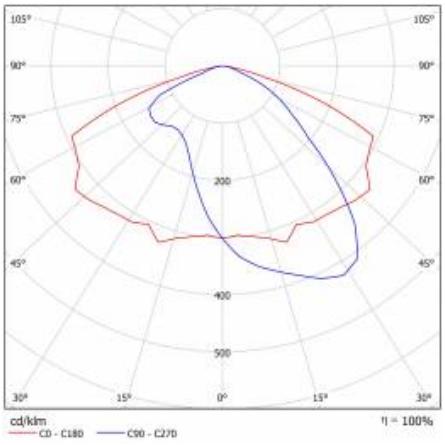
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TECHNICAL PARAMETERS TABLE

Index:	956614	**Dimensions (H/W/T/S) [mm]:**	398/398/175
EAN:	5905963956614	**Mounting dimensions [mm]:**	Ø60
Light source:	LED module	**Ingress protection:**	IP66
Nominal power [W]:	52	**Mounting version:**	on the pole
Rated power of the luminaire [W]:	51.30	**Working temperature [°C]:**	from -15 to +35
Supply voltage [V]:	220-240	**Diode size [mm]:**	2835
Frequency [Hz]:	50 - 60	**Dimensions of single box [mm]:**	400/400/175
Luminous flux [lm]:	6450	**Net weight [kg]:**	2.100
Luminous efficacy [lm/W]:	128	**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
Color rendering index (Ra) >:	80	**DIMM 1-10V:**	yes
SDCM:	3	**DIMM DALI:**	yes
Power factor:	0.97	**Gross weight [kg]:**	2.100
LED lifespan L70B50 [h]:	90000	**Permeability factor of the diffuser:**	0.80
Surge protection [kV]:	4	**ETIM class:**	EC000062
Diffuser material:	PC	**Photobiological safety:**	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser type:	transparent	**ULOR:**	0%
Diffuser colour:	transparent	**Warranty [years]:**	5
Optics material:	PMMA	**CE certificate:**	38/2024
Optics:	matrix lens	**Manual:**	Download PDF
Material of the body:	PP+FG	**Plik LDT:**	Download
Colour of the body:	grey		

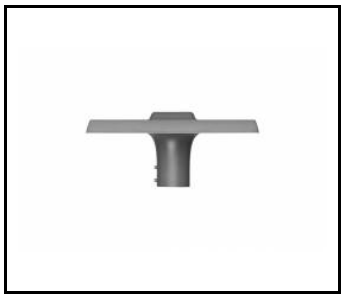
LIGHT CURVES



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DETAILED CARD

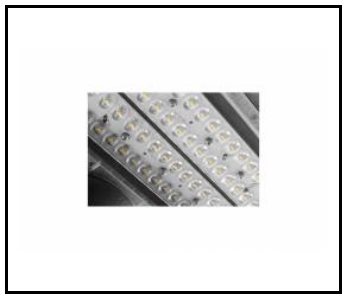
TECHNICAL DETAILS



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 38/2024

LENA LIGHTING

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