

# MITRA LED 6450LM 4000K RM1 IP66 I 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
Colour rendering index:	80
Electrical protection class:	I
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 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.

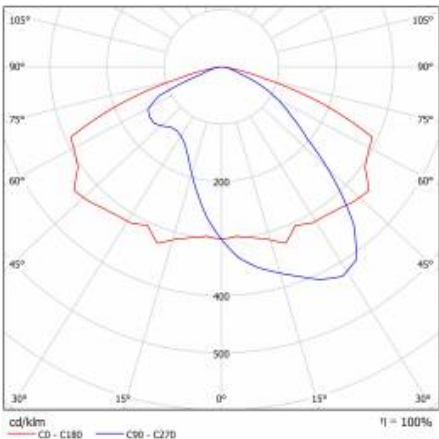
# MITRA LED 6450LM 4000K RM1 IP66 I KL. DALI (52W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	956492	Dimensions (H/W/T/S) [mm]:	398/398/175
EAN:	5905963956492	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:	I	Light distribution type:	RM1
Colour temperature [K]:	4000	Category of application:	parkings and bicycle paths
Colour rendering index:	80	DIMM 1-10V:	yes
SDCM:	≤ 3	DIMM DALI:	yes
Power factor:	0.97	Beam angle [°]:	50000
LED lifespan L70B50 [h]:	90000	Gross weight [kg]:	2.100
Surge protection [kV]:	4	Permeability factor of the diffuser:	0.80
Diffuser material:	PC	ETIM class:	EC000062
Diffuser type:	transparent	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	transparent	ULOR:	0%
Optics material:	PMMA	Warranty [years]:	5
Optics:	matrix lens	CE certificate:	<a href="#">100/2023</a>
Material of the body:	PP+FG	Manual:	<a href="#">Download PDF</a>
Colour of the body:	grey	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



# MITRA LED 6450LM 4000K RM1 IP66 I KL. DALI (52W)

DETAILED CARD

## TECHNICAL DETAILS



MITRA LED



MITRA LED



MITRA LED