# MITRA LED 5850LM 3000K MAT IP66 I KL. (52W)

DETAILED CARD





## **TECHNICAL PARAMETERS**

Light source:	LED module
Ingress protection:	IP66
Nominal power [W]:	52
Luminous flux [lm]*:	5850
Colour temperature [K]:	3000
SDCM:	≤ 3
Colour rendering index:	80
Electrical protection class:	I
Energy efficiency class:	E
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.



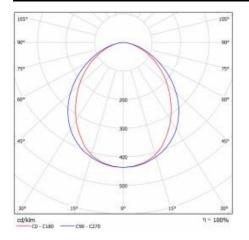
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### **TECHNICAL PARAMETERS TABLE**

			I
Index:	956409	Mounting dimensions [mm]:	ø60
EAN:	5905963956409	Ingress protection:	IP66
Light source:	LED module	Mounting version:	on the pole
Nominal power [W]:	52	Working temperature [°C]:	from -15 to +35
Rated power of the luminaire [W]:	51.30	Diode size [mm]:	2835
Luminous flux [Im]:	5850	Dimensions of single box [mm]:	400/400/175
Luminous efficacy [lm/W]:	116	Net weight [kg]:	1.900
Energy efficiency class:	E	Warranty [years]:	5
Electrical protection class:	1	Category type:	Park and city lighting
Colour temperature [K]:	3000	Light distribution type:	G1
Colour rendering index:	80	Category of application:	parkings and bicycle paths
SDCM:	≤3	Beam angle [°]:	50000
Power factor:	0.97	Gross weight [kg]:	1.900
LED lifespan L70B50 [h]:	90000	Permeability factor of the diffuser:	0.80
Surge protection [kV]:	2	ETIM class:	EC000062
Diffuser material:	PC	Photobiological safety:	Risk Group 1 (no photobiological
Diffuser type:	frozen		hazard under normal behavioral limitation)
Diffuser colour:	transparent	ULOR:	0%
Material of the body:	PP+FG	Warranty [years]:	5
Colour of the body:	grey	CE certificate:	<u>100/2023</u>
Dimensions (H/W/T/S) [mm]:	398/398/175	Manual:	Download PDF
		Plik LDT:	Download

### LIGHT CURVES

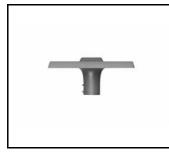




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### **TECHNICAL DETAILS**





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 and electronic waste equipment regulations (WEEE).



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Certificate CE - Nr: 100/2023