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
Color rendering index (Ra) >:	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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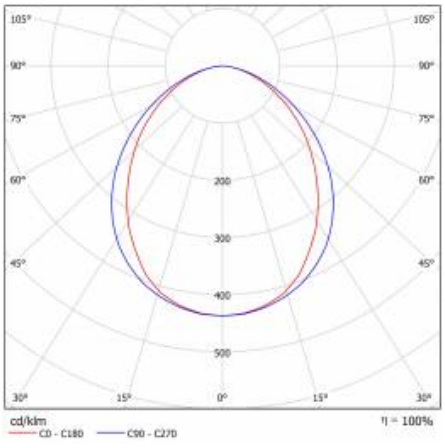
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	956409
EAN:	5905963956409
Light source:	LED module
Nominal power [W]:	52
Rated power of the luminaire [W]:	51.30
Luminous flux [lm]:	5850
Luminous efficacy [lm/W]:	116
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
LED lifespan L70B50 [h]:	90000
Surge protection [kV]:	2
Diffuser material:	PC
Diffuser type:	frozen
Diffuser colour:	transparent
Material of the body:	PP+FG
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	398/398/175

Mounting dimensions [mm]:	ø60
Ingress protection:	IP66
Mounting version:	on the pole
Working temperature [°C]:	from -15 to +35
Diode size [mm]:	2835
Dimensions of single box [mm]:	400/400/175
Net weight [kg]:	1.900
Warranty [years]:	5
Category type:	Park and city lighting
Light distribution type:	G1
Category of application:	parkings and bicycle paths
Beam angle [°]:	50000
Gross weight [kg]:	1.900
Permeability factor of the diffuser:	0.80
ETIM class:	EC000062
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
ULOR:	0%
Warranty [years]:	5
CE certificate:	100/2023
Manual:	Download PDF
Plik LDT:	Download

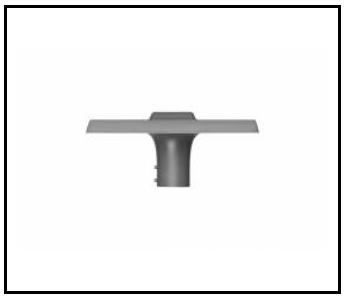
LIGHT CURVES



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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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 100/2023

LENA LIGHTING

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