MITRA LED 1550LM 3000K RM1 IP66 I KL. (13W)

DETAILED CARD

TECHNICAL PARAMETERS

Light source:	LED module
Ingress protection:	IP66
Nominal power [W]:	13
Luminous flux [lm]*:	1550
Colour temperature [K]:	3000
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 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.
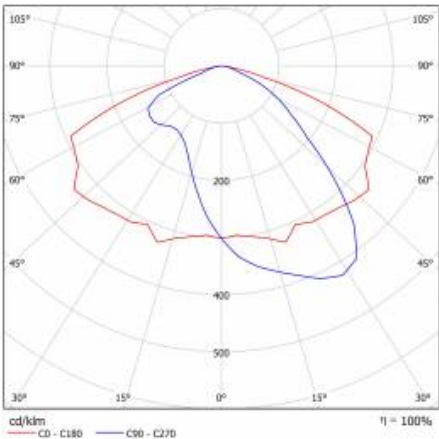
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TECHNICAL PARAMETERS TABLE

Index:	956249	Dimensions (H/W/T/S) [mm]:	398/398/175
EAN:	5905963956249	Mounting dimensions [mm]:	ø60
Light source:	LED module	Ingress protection:	IP66
Nominal power [W]:	13	Mounting version:	on the pole
Rated power of the luminaire [W]:	12	Working temperature [°C]:	from -15 to +35
Luminous flux [lm]:	1550	Diode size [mm]:	2835
Luminous efficacy [lm/W]:	128	Dimensions of single box [mm]:	400/400/175
Energy efficiency class:	D	Net weight [kg]:	2
Electrical protection class:	I	Warranty [years]:	5
Colour temperature [K]:	3000	Category type:	Park and city lighting
Colour rendering index:	80	Light distribution type:	RM1
SDCM:	≤ 3	Category of application:	parkings and bicycle paths
Power factor:	0.95	Gross weight [kg]:	2
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 hazard under normal behavioral limitation)
Diffuser type:	transparent	ULOR:	0%
Diffuser colour:	transparent	Warranty [years]:	5
Optics material:	PMMA	CE certificate:	100/2023
Optics:	matrix lens	Manual:	Download PDF
Material of the body:	PP+FG	Plik LDT:	Download
Colour of the body:	grey		

LIGHT CURVES

cd/klm   η = 100%
— C0 - C180   — C90 - C270

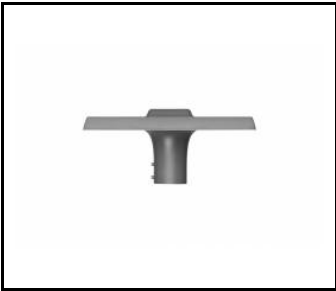**LENA LIGHTING**

MITRA LED 1550LM 3000K RM1 IP66 I KL. (13W)

DETAILED CARD

TECHNICAL DETAILS

MITRA LED

MITRA LED
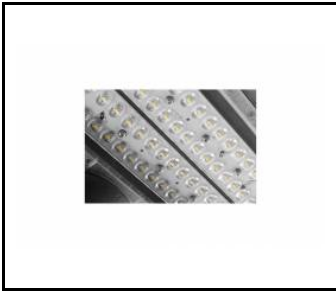
MITRA LED

Certificate CE - Nr: 100/2023

LENA LIGHTING

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