MITRA LED 2800LM 4000K RM1 IP66 II KL. DALI (22W)

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Ingress protection:	IP66
Nominal power [W]:	22
Luminous flux [lm]*:	2800
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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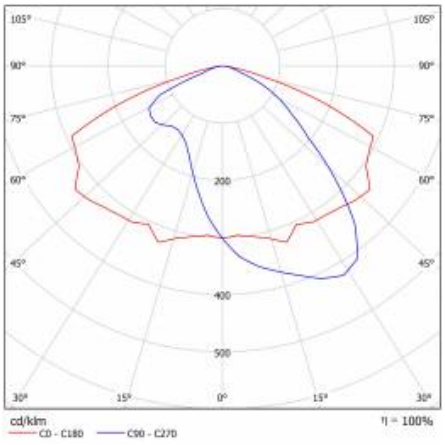
TECHNICAL PARAMETERS TABLE

Index:	956645
EAN:	5905963956645
Light source:	LED module
Nominal power [W]:	22
Rated power of the luminaire [W]:	21
Supply voltage [V]:	220-240
Luminous flux [lm]:	2800
Luminous efficacy [lm/W]:	133
Energy efficiency class:	D
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.95
LED lifespan L70B50 [h]:	90000
Surge protection [kV]:	4
Diffuser material:	PC
Diffuser type:	transparent
Diffuser colour:	transparent
Optics material:	PMMA
Optics:	matrix lens
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]:	2
Warranty [years]:	5
Category type:	Park and city lighting
Light distribution type:	RM1
Category of application:	parkings and bicycle paths
DIMM 1-10V:	yes
DIMM DALI:	yes
Gross weight [kg]:	2
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:	38/2024
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES



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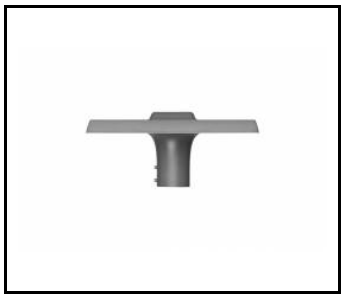
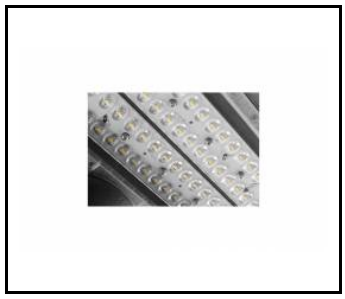
TECHNICAL DETAILS



MITRA LED



MITRA LED



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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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