

# MITRA LED 3800LM 4000K MAT IP66 II KL. (31W)

STREET LIGHTING

LED



220-240 V  
50-60 Hz

LED



## TECHNICAL PARAMETERS

Light source:	LED module
Ingress protection:	IP66
Nominal power [W]:	31
Luminous flux [lm]*:	3800
Colour temperature [K]:	4000
SDCM:	≤ 3
Colour rendering index:	>80
Electrical protection class:	II
Energy efficiency class:	A+
Material of the body:	PP+FG

\*Tolerance +/- 10%

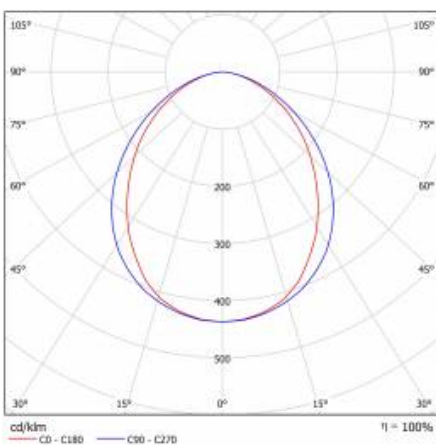
## CHARACTERISTICS

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 version of light distribution: 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.

## LIGHT CURVES



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Light source:	LED module	Ingress protection:	IP66
Nominal power [W]:	31	Working temperature [°C]:	from -15 to +35
Rated power of the luminaire [W]:	30	Diode size [mm]:	0
Supply voltage [V]:	220-240	Cable length [m]:	0
Frequency [Hz]:	50 - 60	Dimensions of single box [mm]:	400/400/175
Luminous flux [lm]:	3800	Net weight of the luminaire [kg]:	48
Luminous efficacy [lm/W]:	125	Index:	956218
Energy efficiency class:	A+	EAN:	5905963956218
Electrical protection class:	II	Category type:	street lighting
Colour temperature [K]:	4000	Version:	aluminium
Colour rendering index:	>80	Source power P <sub>min</sub> [W]:	28.92
SDCM:	≤ 3	Light distribution type:	G1
Power factor:	0.94	Category of application:	parkings and bicycle paths
LED lifespan L70B50 [h]:	90000	Ring colour:	grey
Surge protection [kV]:	4	Gross weight of the luminaire [kg]:	1.800
Diffuser material:	PC	Permeability factor of the diffuser:	0.80
Diffuser type:	frozen	ETIM class:	EC000062
Diffuser colour:	transparent	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Material of the body:	PP+FG	Warranty [years]:	5
Colour of the body:	grey		
Dimensions [mm]:	398/398/175		
Mounting dimensions [mm]:	398/398/174		

## TECHNICAL DETAILS



MITRA LED



MITRA LED

\*Tolerance +/- 10%

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

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The luminaire complies with the EU ROHS Directive 2011/65/UE



This product is a subject to electric and electronic waste equipment regulations (WEEE).



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