

# MITRA LED 3550LM 3000K MAT IP66 II KL. (31W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Light source:</b>	LED module
<b>Ingress protection:</b>	IP66
<b>Nominal power [W]:</b>	31
<b>Luminous flux [lm]*:</b>	3550
<b>Colour temperature [K]:</b>	3000
<b>SDCM:</b>	≤ 3
<b>Colour rendering index:</b>	>80
<b>Electrical protection class:</b>	II
<b>Energy efficiency class:</b>	D
<b>Material of the body:</b>	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 distribution:

- general G1 - with a frosted 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

<b>Index:</b>	956355	<b>Mounting dimensions [mm]:</b>	ø60
<b>EAN:</b>	5905963956355	<b>Ingress protection:</b>	IP66
<b>Light source:</b>	LED module	<b>Mounting version:</b>	on the pole
<b>Nominal power [W]:</b>	31	<b>Working temperature [°C]:</b>	from -15 to +35
<b>Rated power of the luminaire [W]:</b>	30	<b>Diode size [mm]:</b>	2835
<b>Luminous flux [lm]:</b>	3550	<b>Dimensions of single box [mm]:</b>	400/400/175
<b>Luminous efficacy [lm/W]:</b>	120	<b>Net weight [kg]:</b>	1.800
<b>Energy efficiency class:</b>	D	<b>Warranty [years]:</b>	5
<b>Electrical protection class:</b>	II	<b>Category type:</b>	Park and city lighting
<b>Colour temperature [K]:</b>	3000	<b>Light distribution type:</b>	G1
<b>Colour rendering index:</b>	>80	<b>Category of application:</b>	parkings and bicycle paths
<b>SDCM:</b>	≤ 3	<b>Beam angle [°]:</b>	50000
<b>Power factor:</b>	0.94	<b>Gross weight [kg]:</b>	1.800
<b>LED lifespan L70B50 [h]:</b>	90000	<b>Permeability factor of the diffuser:</b>	0.80
<b>Surge protection [kV]:</b>	2	<b>ETIM class:</b>	ECO00062
<b>Diffuser material:</b>	PC	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Diffuser type:</b>	frozen	<b>ULOR:</b>	0%
<b>Diffuser colour:</b>	transparent	<b>Warranty [years]:</b>	5
<b>Material of the body:</b>	PP+FG	<b>CE certificate:</b>	<a href="#">38/2024</a>
<b>Colour of the body:</b>	grey	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	398/398/175		

## LIGHT CURVES



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## TECHNICAL DETAILS



MITRA LED



MITRA LED

Card creation date: 16 December 2021

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).



Certificate CE - Nr: 38/2024