

# MITRA LED BASIC 3850LM 4000K MAT IP66 I KL. (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	957116
<b>Ingress protection:</b>	IP66
<b>Rated power of the luminaire [W]*:</b>	45
<b>Luminous flux [lm]*:</b>	3850
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 5
<b>Colour rendering index:</b>	>80
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	F
<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 with general G1 light distribution - with a frozen diffuser.

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 0.6m.

## 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.

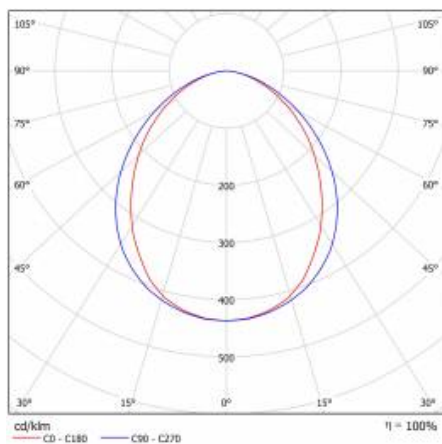
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	957116	<b>Colour of the body:</b>	grey
<b>EAN:</b>	5905963957116	<b>Dimensions (H/W/T/S) [mm]:</b>	398/398/174
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP66
<b>Nominal power [W]:</b>	37	<b>Mounting version:</b>	top
<b>Rated power of the luminaire [W]:</b>	45	<b>Working temperature [°C]:</b>	from -40 to +35
<b>Luminous flux [lm]:</b>	3850	<b>Wire type:</b>	H07RN-F
<b>Luminous efficacy [lm/W]:</b>	87	<b>Number on the palette [pcs]:</b>	48
<b>Energy efficiency class:</b>	F	<b>Net weight [kg]:</b>	1.900
<b>Electrical protection class:</b>	I	<b>Warranty [years]:</b>	3
<b>Colour temperature [K]:</b>	4000	<b>Category type:</b>	Park and city lighting
<b>Colour rendering index:</b>	>80	<b>Category of application:</b>	parkings and bicycle paths
<b>SDCM:</b>	≤ 5	<b>LED lifespan L70B50 [h]:</b>	120000
<b>Surge protection [kV]:</b>	2	<b>ULOR:</b>	0%
<b>Diffuser material:</b>	PC	<b>Warranty [years]:</b>	5
<b>Diffuser type:</b>	MAT	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Material of the body:</b>	PP+FG	<b>CE certificate:</b>	<a href="#">101/2023</a>

## LIGHT CURVES



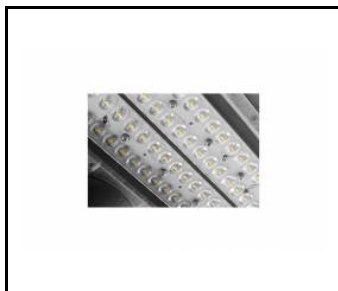
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## TECHNICAL DETAILS



MITRA LED



MITRA LED

Card creation date: 08 August 2022

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: 101/2023