MITRA LED

GENERAL CARD

TECHNICAL PARAMETERS

Ingress protection:	IP66
Nominal power [W]:	13.00 - 62.00
Luminous flux [lm]*:	1550 - 7250
Colour temperature [K]:	3000; 4000
SDCM:	3
Color rendering index (Ra) >:	80
Electrical protection class:	I; II
Energy efficiency class:	C; D; E
Material of the body:	PP+FG
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	frozen; transparent
Optics material:	PMMA
Optics:	matrix lens
Mounting version:	on the pole
Working temperature [°C]:	from -15 to +35
Mounting dimensions [mm]:	398/398/174; Ø60; ø60
Warranty [years]:	5

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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AVAILABLE VERSIONS

Click index >>, to see details

MITRA LED 13W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
13	3000	1600	G1		II	>> 956270
13	3000	1600	G1		I	>> 956263
13	4000	1700	G1		I	>> 956119
13	4000	1700	G1		II	>> 956232
13	4000	1700	G1	yes	I	>> 956591
13	4000	1700	G1	yes	II	>> 956713
13	4000	1650	RM1		II	>> 956171
13	4000	1650	RM1		I	>> 956058
13	3000	1550	RM1		II	>> 956256
13	3000	1550	RM1		I	>> 956249
13	4000	1650	RM1	yes	I	>> 956539
13	4000	1650	RM1	yes	II	>> 956652

MITRA LED 22W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
22	3000	2700	G1		II	>> 956317
22	3000	2700	G1		I	>> 956300
22	4000	2900	G1		I	>> 956102
22	4000	2900	G1		II	>> 956225
22	4000	2900	G1	yes	II	>> 956706
22	4000	2900	G1	yes	I	>> 956584
22	4000	2800	RM1		II	>> 956164
22	3000	2600	RM1		II	>> 956294
22	3000	2600	RM1		I	>> 956287
22	4000	2800	RM1		I	>> 956041
22	4000	2800	RM1	yes	II	>> 956645
22	4000	2800	RM1	yes	I	>> 956522

MITRA LED 31W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
31	3000	3550	G1		I	>> 956348
31	3000	3550	G1		II	>> 956355
31	4000	3800	G1		I	>> 956096
31	4000	3800	G1		II	>> 956218
31	4000	3800	G1	yes	I	>> 956577

MITRA LED

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Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
31	4000	3800	G1	yes	II	>> 956690
31	4000	3600	RM1		I	>> 956034
31	3000	3350	RM1		I	>> 956324
31	3000	3350	RM1		II	>> 956331
31	4000	3600	RM1		II	>> 956157
31	4000	3600	RM1	yes	I	>> 956515
31	4000	3600	RM1	yes	II	>> 956638

MITRA LED 44W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
44	3000	5050	G1		I	>> 956362
44	4000	5400	G1		II	>> 956201
44	3000	5050	G1		II	>> 956379
44	4000	5400	G1		I	>> 956089
44	4000	5400	G1	yes	II	>> 956683
44	4000	5400	G1	yes	I	>> 956560
44	3000	5250	RM1		I	>> 956386
44	3000	5250	RM1		II	>> 956393
44	4000	5600	RM1		I	>> 956027
44	4000	5600	RM1		II	>> 956140
44	4000	5600	RM1	yes	II	>> 956621
44	4000	5600	RM1	yes	I	>> 956508

MITRA LED 52W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
52	4000	6250	G1		II	>> 956195
52	3000	5850	G1		I	>> 956409
52	3000	5850	G1		II	>> 956416
52	4000	6250	G1		I	>> 956072
52	4000	6250	G1	yes	II	>> 956676
52	4000	6250	G1	yes	I	>> 956553
52	4000	6450	RM1		II	>> 956133
52	4000	6450	RM1		I	>> 956010
52	3000	6050	RM1		I	>> 956423
52	3000	6050	RM1		II	>> 956430
52	4000	6450	RM1	yes	II	>> 956614
52	4000	6450	RM1	yes	I	>> 956492

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MITRA LED 62W

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	DIMM DALI	Electrical protection class	Index
62	4000	7050	G1		II	>> 956188
62	3000	6600	G1		I	>> 956447
62	3000	6600	G1		II	>> 956454
62	4000	7050	G1		I	>> 956065
62	4000	7050	G1	yes	I	>> 956546
62	4000	7050	G1	yes	II	>> 956669
62	3000	6800	RM1		I	>> 956461
62	3000	6800	RM1		II	>> 956478
62	4000	7250	RM1		II	>> 956126
62	4000	7250	RM1		I	>> 956003
62	4000	7250	RM1	yes	I	>> 956485
62	4000	7250	RM1	yes	II	>> 956607

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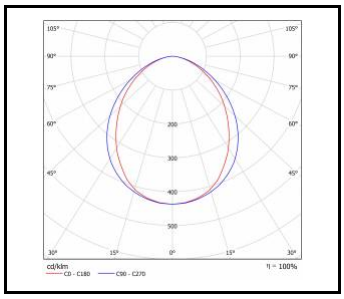
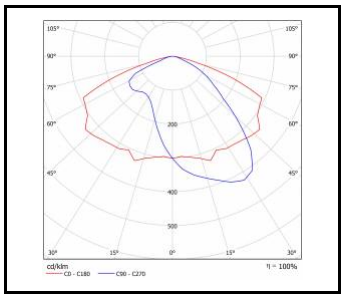
LUMINOUS INTENSITY DISTRIB. CURVE



MITRA LED G1



MITRA LED RM1

Card creation date: 17 October 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: 100/2023; 38/2024; 44/2019

LENA LIGHTING

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