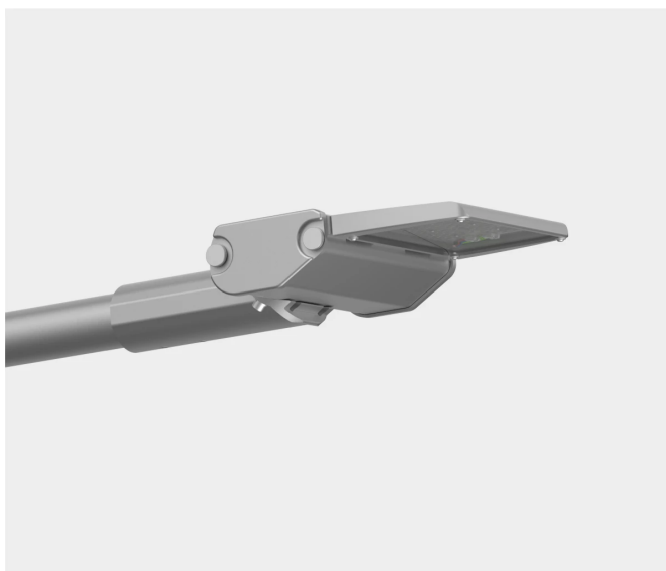




TECHNICAL DATA

Assembly	pole top mounted or on extension arms with $\varnothing$ 42 - $\varnothing$ 60 x 100 mm ending
Application	motorways and expressway, urban roads, residential roads (internal), pedestrians, parkings
Colour	inox
Ingress protection	IP 66
Optical system	PMMA optics, interchangeable LED module
Material	anodised aluminium alloy, diffuser – tempered glass
Unit volume	0,027 m ³
Operating temperature range	from -40°C to +40°C
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	43 A / 260 μ s (LOCO LED 48 -72) 77 A / 150 μ s (LOCO LED 96)
Input voltage frequency	50/60Hz
Power factor	$\geq$ 0.95
Number of LED	64 - 48 W, 96 - 72 W, 128 - 96 W
Control system	Luminaire has the possibility to connect to an external control system via analog signal 1- 10V.



TABLE OF VARIANTS

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹	Luminaire luminous flux ¹	Luminous efficacy ¹	Net weight
2226033/1/... ²	LOCO LED 48	48 W	55 W	500 mA	2700 K	7400 lm	6650 lm	120 lm/W	5.3 kg
2226033/3/... ²	LOCO LED 48	48 W	55 W	500 mA	3500 K	8000 lm	7200 lm	131 lm/W	5.3 kg
2226033/4/... ²	LOCO LED 48	48 W	55 W	500 mA	4000 K	8000 lm	7200 lm	131 lm/W	5.3 kg
2226035/1/... ²	LOCO LED 72	72 W	80 W	1000 mA	2700 K	11150 lm	9900 lm	124 lm/W	5.3 kg
2226035/3/... ²	LOCO LED 72	72 W	80 W	1000 mA	3500 K	12100 lm	10750 lm	134 lm/W	5.3 kg
2226035/4/... ²	LOCO LED 72	72 W	80 W	1000 mA	4000 K	12100 lm	10750 lm	134 lm/W	5.3 kg
2226037/1/... ²	LOCO LED 96	96 W	104 W	500 mA	2700 K	14800 lm	12950 lm	124 lm/W	5.7 kg
2226037/3/... ²	LOCO LED 96	96 W	104 W	500 mA	3500 K	16000 lm	14000 lm	135 lm/W	5.7 kg
2226037/4/... ²	LOCO LED 96	96 W	104 W	500 mA	4000 K	16000 lm	14000 lm	135 lm/W	5.7 kg

1) tolerance +/- 5% due to LEDs accuracy

2) symbol of chosen optical system eg. 2226033/6/T2 is LOCO LED 48 5000K with T2 optical system

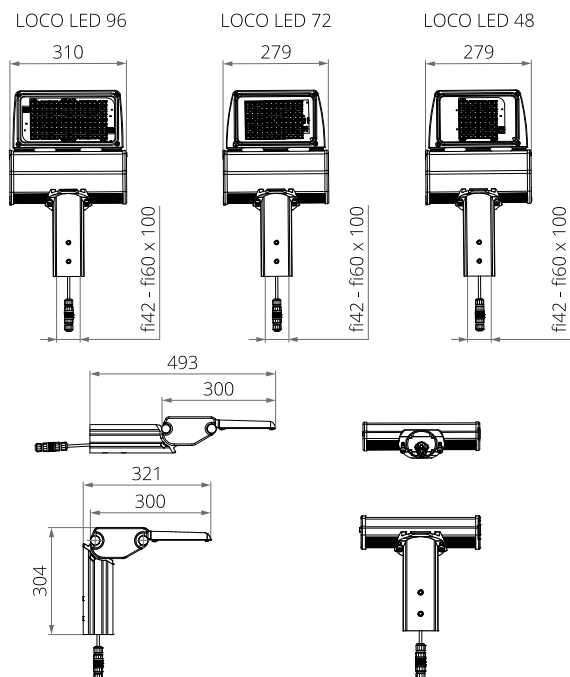
DIRECTIVES AND STANDARDS

DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC (Official Journal of the UE L 285/10 31.10.2009)

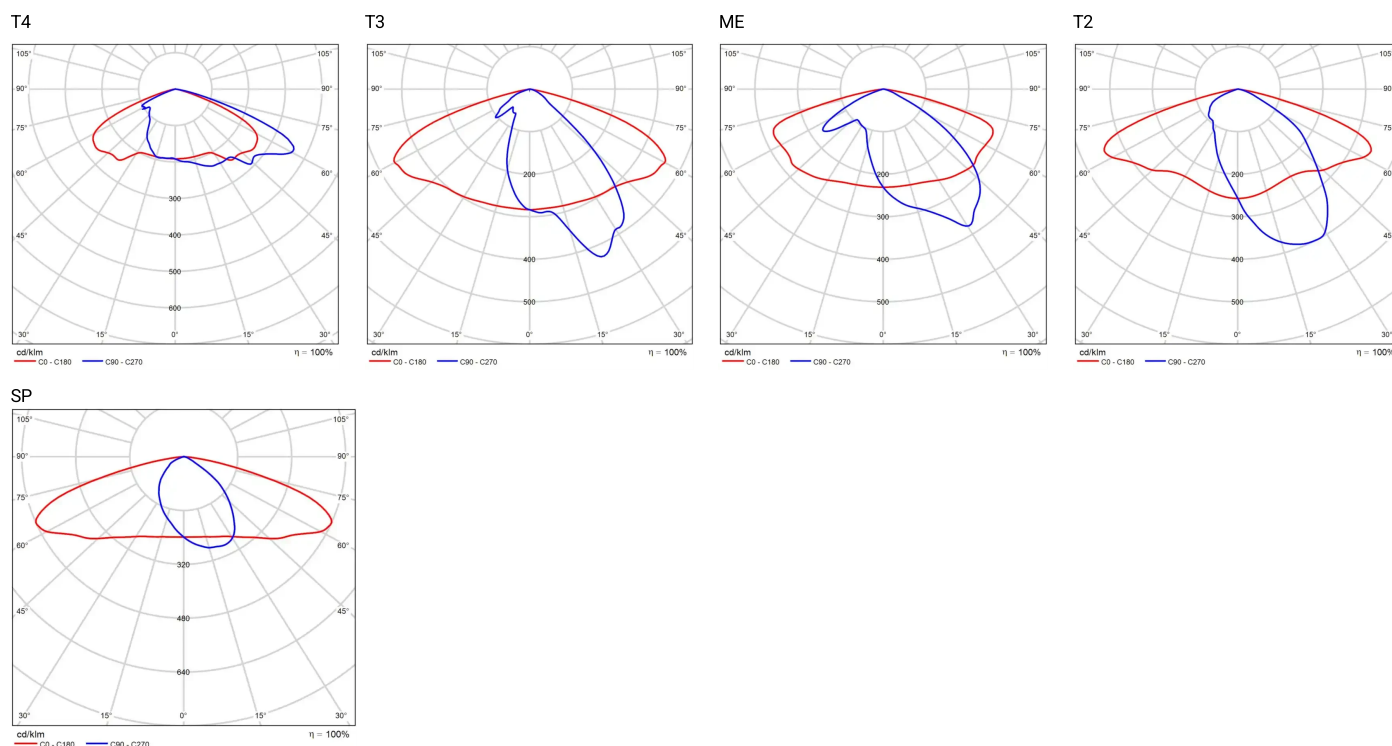
STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019 , PN-EN 61000-3-3: 2014

Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING



PHOTOMETRIC CURVES



POWER SYSTEM FUNCTIONS

Luminaire in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- LED module equipped with thermal protection implemented via an NTC thermistor,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

ACCETABLE QUANTITY OF LUMINAIRES ON ONE CIRCUIT

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
LOCO LED 48, 72W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28
LOCO LED 96W	B	1	1	3	5	8	12	12
	C	1	3	5	8	13	16	20

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
LOCO LED 48, 72W	1	2	11	19	30	38	47
LOCO LED 96W	1	1	6	9	12	15	19