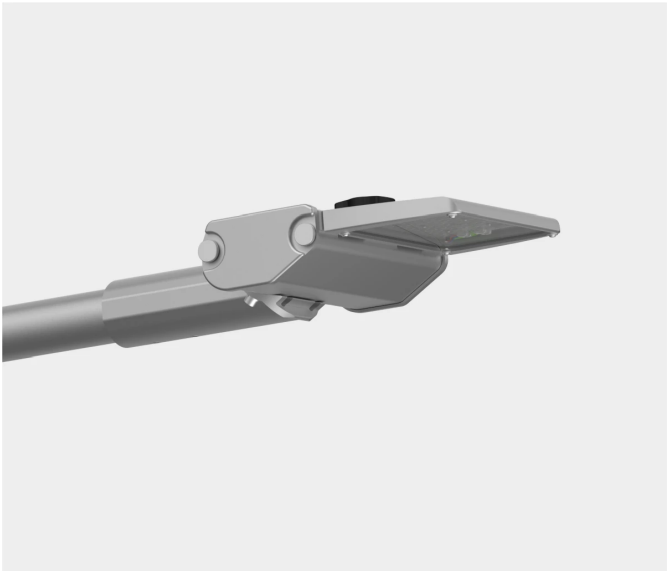


TECHNICAL DATA

Application	motorways and expressway, urban roads, residential roads (internal), pedestrians, parkings
Assembly	pole top mounted or on extension arms with ø 42 - ø 60 x 100 mm ending
Colour	inox
Ingress protection	IP 66
Optical system	PMMA optics, interchangeable LED module
Material	anodised aluminium alloy
Unit volume	-
Operating temperature range	from -40°C to +40°C
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	43 A / 260 µs (LOCO LED 48 -72) 77 A / 150 µs (LOCO LED 96)
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	64
Control system	The luminaire can be connected to an external control system via a 5-pin socket compatible with ANSI C136.41 (optional installation of a 7-pin socket). Standard communication interface: DALI (optional 1-10V analog signal support).

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux¹	Luminaire luminous flux¹	Luminous efficacy¹	Net weight
2226133/4/...²	LOCO LED 48 NEMA	48 W	55 W	500 mA	4000 K	8000 lm	7200 lm	131 lm/W	5.3 kg

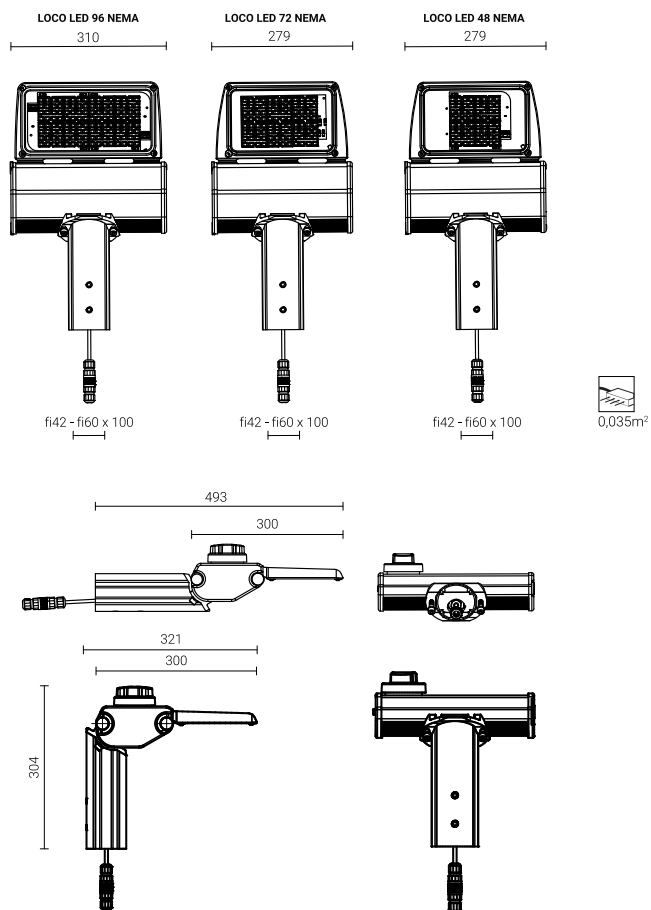
1) tolerance +/- 5% due to LEDs accuracy
2) symbol of chosen optical system eg. 2226133/6/T2 is LOCO LED 48 NEMA 5000K with T2 optical system

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

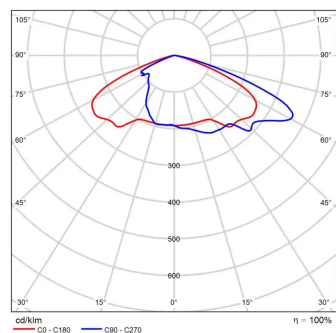
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING

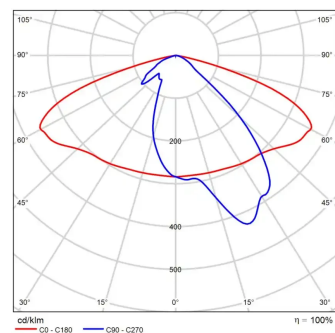


PHOTOMETRIC CURVES

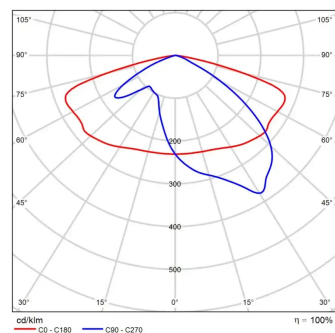
T4



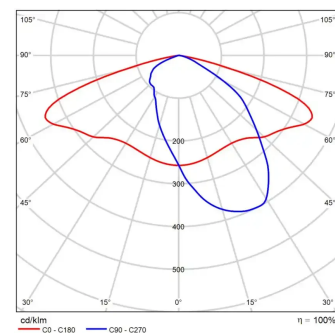
T3



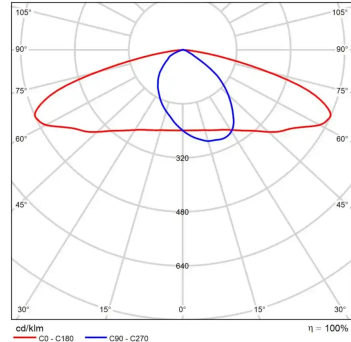
ME



T2



SP



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 NEMA 48, 72W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28
LOCO LED NEMA 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 NEMA 48, 72W	1	2	11	19	30	38	47
LOCO LED NEMA 96W	1	1	6	9	12	15	19