

TECHNICAL DATA

Anodising	10 colours
Application	urban roads, residential roads (internal), surrounding office buildings, parks, pedestrians, parkings
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics
Material	anodised aluminium alloy
Unit volume	-
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	18 A / 280 μs
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	16
Control system	-



TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹	Luminaire luminous flux ¹	Luminous efficacy ¹	Concrete footing / reinforcement basket type	Net weight
215727/1/C...	LINE-1 LED	1 000 mm	12 W	14 W	250 mA	2700 K	1900 lm	1750 lm	125 lm/W	B-0A / Z-0A	8 kg
215727/3/C...	LINE-1 LED	1 000 mm	12 W	14 W	250 mA	3500 K	2050 lm	1850 lm	132 lm/W	B-0A / Z-0A	8 kg
215727/4/C...	LINE-1 LED	1 000 mm	12 W	14 W	250 mA	4000 K	2200 lm	2000 lm	143 lm/W	B-0A / Z-0A	8 kg
215727/6/C...	LINE-1 LED	1 000 mm	12 W	14 W	250 mA	5000 K	2200 lm	2000 lm	143 lm/W	B-0A / Z-0A	8 kg

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

DIRECTIVES AND STANDARDS

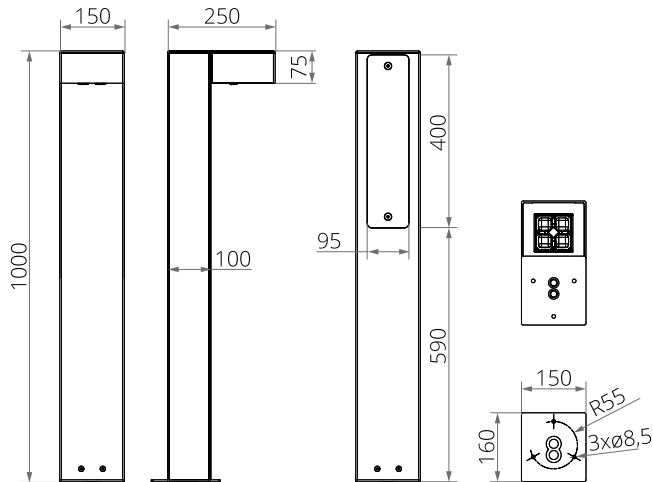
DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC (Official Journal of the UE L 285/10 31.10.2009)

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

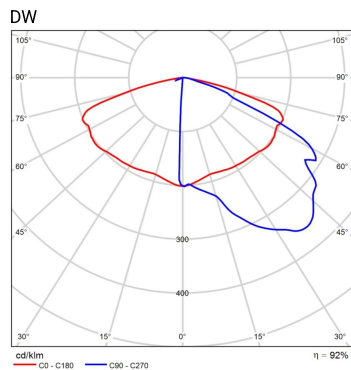
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

LINE-1 LED

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,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,