



TECHNICAL DATA

Application	surrounding office buildings, parks, pedestrians
Colour	graphite / inox
Ingress protection	IP 66 for the optical part and the driver
Material	anodised aluminium alloy
Operating temperature range	from -40°C to +55°C
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	8 - 24 W, 16 - 48 W
Control system	LED lighting set has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).
Concrete footing / reinforcement basket	B-50 (311150) / Z-50 (311205)

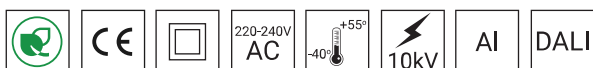


TABLE OF VARIANTS

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	Unit volume	Inrush current	Net weight
215530/1/A	FLEXI LED 24	4 m	24 W	28 W	1000 mA	2700 K	3650 lm	2500 lm	89 lm/W	0.6 m³	21A / 225µs	29 kg
215530/1/S	FLEXI LED 24	4 m	24 W	28 W	1000 mA	2700 K	3650 lm	2650 lm	95 lm/W	0.6 m³	21A / 225µs	29 kg
215530/3/A	FLEXI LED 24	4 m	24 W	28 W	1000 mA	3500 K	3900 lm	2650 lm	95 lm/W	0.6 m³	21A / 225µs	29 kg
215530/3/S	FLEXI LED 24	4 m	24 W	28 W	1000 mA	3500 K	3900 lm	2850 lm	102 lm/W	0.6 m³	21A / 225µs	29 kg
215530/4/A	FLEXI LED 24	4 m	24 W	28 W	1000 mA	4000 K	4100 lm	2800 lm	100 lm/W	0.6 m³	21A / 225µs	29 kg
215530/4/S	FLEXI LED 24	4 m	24 W	28 W	1000 mA	4000 K	4100 lm	3000 lm	107 lm/W	0.6 m³	21A / 225µs	29 kg
215530/6/A	FLEXI LED 24	4 m	24 W	28 W	1000 mA	5000 K	4100 lm	2800 lm	100 lm/W	0.6 m³	21A / 225µs	29 kg
215530/6/S	FLEXI LED 24	4 m	24 W	28 W	1000 mA	5000 K	4100 lm	3000 lm	107 lm/W	0.6 m³	21A / 225µs	29 kg
215533/1/A	FLEXI LED 48	5 m	48 W	55 W	1000 mA	2700 K	7300 lm	4950 lm	90 lm/W	0.75 m³	46A / 250µs	32 kg
215533/1/S	FLEXI LED 48	5 m	48 W	55 W	1000 mA	2700 K	7300 lm	5300 lm	96 lm/W	0.75 m³	46A / 250µs	32 kg
215533/3/A	FLEXI LED 48	5 m	48 W	55 W	1000 mA	3500 K	7750 lm	5300 lm	96 lm/W	0.75 m³	46A / 250µs	32 kg
215533/3/S	FLEXI LED 48	5 m	48 W	55 W	1000 mA	3500 K	7750 lm	5650 lm	103 lm/W	0.75 m³	46A / 250µs	32 kg
215533/4/A	FLEXI LED 48	5 m	48 W	55 W	1000 mA	4000 K	8200 lm	5600 lm	102 lm/W	0.75 m³	46A / 250µs	32 kg
215533/4/S	FLEXI LED 48	5 m	48 W	55 W	1000 mA	4000 K	8200 lm	6000 lm	109 lm/W	0.75 m³	46A / 250µs	32 kg
215533/6/A	FLEXI LED 48	5 m	48 W	55 W	1000 mA	5000 K	8200 lm	5600 lm	102 lm/W	0.75 m³	46A / 250µs	32 kg
215533/6/S	FLEXI LED 48	5 m	48 W	55 W	1000 mA	5000 K	8200 lm	6000 lm	109 lm/W	0.75 m³	46A / 250µs	32 kg

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

2) symbol of chosen optical system eg. 215530/3/A is FLEXI LED 24 3500K with A - asymmetric optical system

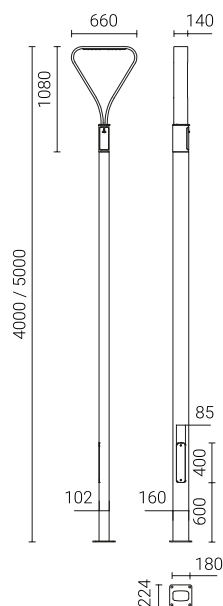
DIRECTIVES AND STANDARDS

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

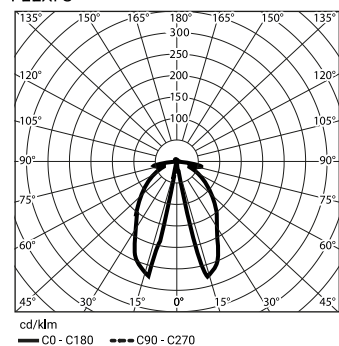
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING

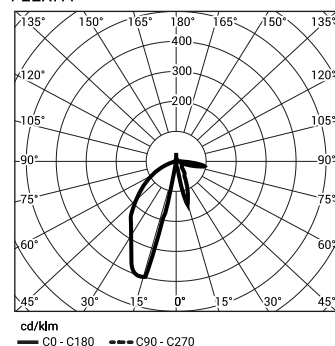


PHOTOMETRIC CURVES

FLEXI S



FLEXI A



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

Lighting set	Type	2A	4A	6A	10A	16A	20A	25A
FLEXI LED 24	B	3	6	10	16	26	32	40
	C	3	10	16	27	44	54	67
FLEXI LED 48	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28

Fuse – type gG and GL

Lighting set	2A	4A	6A	10A	16A	20A	25A
FLEXI LED 24	1	10	19	25	50	68	97
FLEXI LED 48	0	4	8	11	21	29	42

ACCEPTABLE HEIGHT

FLEXI LED		Acceptable height of the LED lighting set		
Field category	I zone Vref. = 22 m/s	I & III zone, up to 450m a.s.l. Vref. = 24 m/s	II zone Vref. = 26 m/s	III zone up to 755m a.s.l. Vref. = 28 m/s
I	6	6	5,5	5
II	6	6	6	5,5
III	6	6	6	6
IV	6	6	6	6