



## TECHNICAL DATA

<b>Application</b>	residential roads (internal), parks, pedestrians
<b>Colour</b>	graphite / inox
<b>Ingress protection</b>	IP 66
<b>Optical system</b>	PMMA optics
<b>Material</b>	anodised aluminium alloy
<b>Expected useful lifetime</b>	L90B10 - 100 000 h
<b>CRI</b>	>70
<b>Input voltage frequency</b>	50/60Hz
<b>Power factor</b>	≥0.95
<b>Number of LED</b>	16
<b>Control system</b>	LED lighting set has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).
<b>Concrete footing / reinforcement basket</b>	B-50 (311150) / Z-50 (311205)



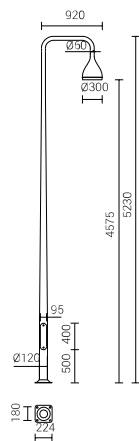
## TABLE OF TYPES

Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>1</sup>	Luminaire luminous flux <sup>1</sup>	Luminous efficacy <sup>1</sup>	Unit volume	Net weight
215030/1/... <sup>2</sup>	DROP I LED 24	5.2 m	24 W	28 W	500 mA	2700 K	4050 lm	3850 lm	138 lm/W	1 m <sup>3</sup>	25.9 kg
215030/3/... <sup>2</sup>	DROP I LED 24	5.2 m	24 W	28 W	500 mA	3500 K	4300 lm	4050 lm	145 lm/W	1 m <sup>3</sup>	25.9 kg
215030/4/... <sup>2</sup>	DROP I LED 24	5.2 m	24 W	28 W	500 mA	4000 K	4550 lm	4300 lm	154 lm/W	1 m <sup>3</sup>	25.9 kg
215030/6/... <sup>2</sup>	DROP I LED 24	5.2 m	24 W	28 W	500 mA	5000 K	4550 lm	4300 lm	154 lm/W	1 m <sup>3</sup>	25.9 kg
215032/1/... <sup>2</sup>	DROP I LED 36	5.2 m	36 W	41 W	750 mA	2700 K	5750 lm	5450 lm	133 lm/W	1 m <sup>3</sup>	25.9 kg
215032/3/... <sup>2</sup>	DROP I LED 36	5.2 m	36 W	41 W	750 mA	3500 K	6100 lm	5800 lm	141 lm/W	1 m <sup>3</sup>	25.9 kg
215032/4/... <sup>2</sup>	DROP I LED 36	5.2 m	36 W	41 W	750 mA	4000 K	6450 lm	6100 lm	149 lm/W	1 m <sup>3</sup>	25.9 kg
215032/6/... <sup>2</sup>	DROP I LED 36	5.2 m	36 W	41 W	750 mA	5000 K	6450 lm	6100 lm	149 lm/W	1 m <sup>3</sup>	25.9 kg
215033/1/... <sup>2</sup>	DROP I LED 48	5.2 m	48 W	55 W	1000 mA	2700 K	7250 lm	6850 lm	125 lm/W	1 m <sup>3</sup>	25.9 kg
215033/3/... <sup>2</sup>	DROP I LED 48	5.2 m	48 W	55 W	1000 mA	3500 K	7650 lm	7300 lm	133 lm/W	1 m <sup>3</sup>	25.9 kg
215033/4/... <sup>2</sup>	DROP I LED 48	5.2 m	48 W	55 W	1000 mA	4000 K	8150 lm	7700 lm	140 lm/W	1 m <sup>3</sup>	25.9 kg
215033/6/... <sup>2</sup>	DROP I LED 48	5.2 m	48 W	55 W	1000 mA	5000 K	8150 lm	7700 lm	140 lm/W	1 m <sup>3</sup>	25.9 kg

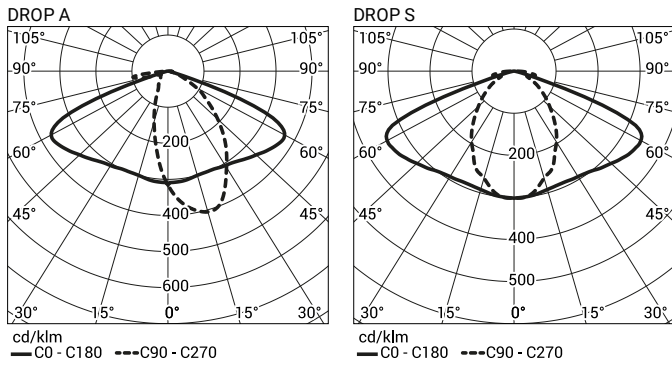
1) tolerance +/- 5% due to LEDs accuracy

2) symbol of chosen optical system eg. 215033/6/A is DROP I LED 48 5000K with asymmetric optical system

## 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,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Overcurrent switches MCB type B or C

Lighting sets	Typ	2A	4A	6A	10A	16A	20A	25A
DROP I LED 24W, 36W	B	3	6	10	16	26	32	40
	C	3	10	16	27	44	54	67
DROP I LED 48W	B	1	2	4	6	10	12	15
	C	1	4	6	10	17	20	26

Fuse – type gG and GL

Lighting sets	2A	4A	6A	10A	16A	20A	25A
DROP I LED 24W, 36W	1	10	19	25	50	68	97
DROP I LED 48W	0	4	8	11	22	31	44

## ACCEPTABLE HEIGHT

DROP I 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	5,2	5,2	5,2	5,2
II	5,2	5,2	5,2	5,2
III	5,2	5,2	5,2	5,2
IV	5,2	5,2	5,2	5,2