

TECHNICAL DATA

Application	urban roads, residential roads (internal), pedestrians, parkings
Assembly	on extension arms with \varnothing 60 x 100 mm ending
Luminaire angular adjustment	-
Colour	inox / black
Ingress protection	IP 66
Optical system	-
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Input voltage frequency	50/60Hz
Power factor	\geq 0.95
Number of LED	16
Control system	Luminaire has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).

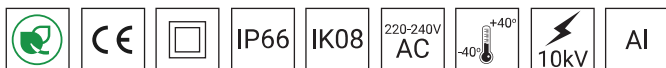


TABLE OF TYPES

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹	Luminaire luminous flux ¹	Unit volume	Net weight
222730/1/... ²	CUDDLE MINI LED 24	24 W	26 W	500 mA	2700 K	4450 lm	3250 lm	0.01 m ³	3.7 kg
222730/3/... ²	CUDDLE MINI LED 24	24 W	26 W	500 mA	3500 K	4650 lm	3400 lm	0.01 m ³	3.7 kg
222730/4/... ²	CUDDLE MINI LED 24	24 W	26 W	500 mA	4000 K	4800 lm	3500 lm	0.01 m ³	3.7 kg
222730/6/... ²	CUDDLE MINI LED 24	24 W	26 W	500 mA	5000 K	4750 lm	3450 lm	0.01 m ³	3.7 kg
222732/1/... ²	CUDDLE MINI LED 36	36 W	39 W	750 mA	2700 K	6550 lm	4800 lm	0.01 m ³	3.7 kg
222732/3/... ²	CUDDLE MINI LED 36	36 W	39 W	750 mA	3500 K	6850 lm	5000 lm	0.01 m ³	3.7 kg
222732/4/... ²	CUDDLE MINI LED 36	36 W	39 W	750 mA	4000 K	7050 lm	5150 lm	0.01 m ³	3.7 kg
222732/6/... ²	CUDDLE MINI LED 36	36 W	39 W	750 mA	5000 K	6950 lm	5050 lm	0.01 m ³	3.7 kg
222733/1/... ²	CUDDLE MINI LED 48	48 W	54 W	1000 mA	2700 K	8550 lm	6250 lm	0.01 m ³	3.7 kg
222733/3/... ²	CUDDLE MINI LED 48	48 W	54 W	1000 mA	3500 K	8950 lm	6500 lm	0.01 m ³	3.7 kg
222733/4/... ²	CUDDLE MINI LED 48	48 W	54 W	1000 mA	4000 K	9200 lm	6700 lm	0.01 m ³	3.7 kg
222733/6/... ²	CUDDLE MINI LED 48	48 W	54 W	1000 mA	5000 K	9050 lm	6600 lm	0.01 m ³	3.7 kg

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

DIRECTIVES AND STANDARDS

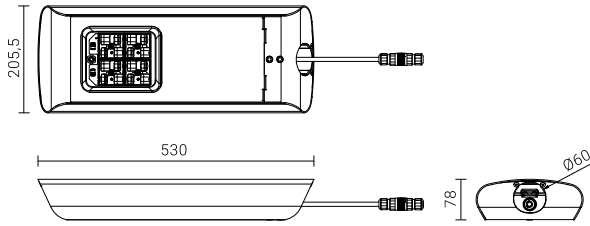
DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC
STANDARDS: -

CHARGING DISCHARGE FROM THE LED LUMINAIRE HOUSING

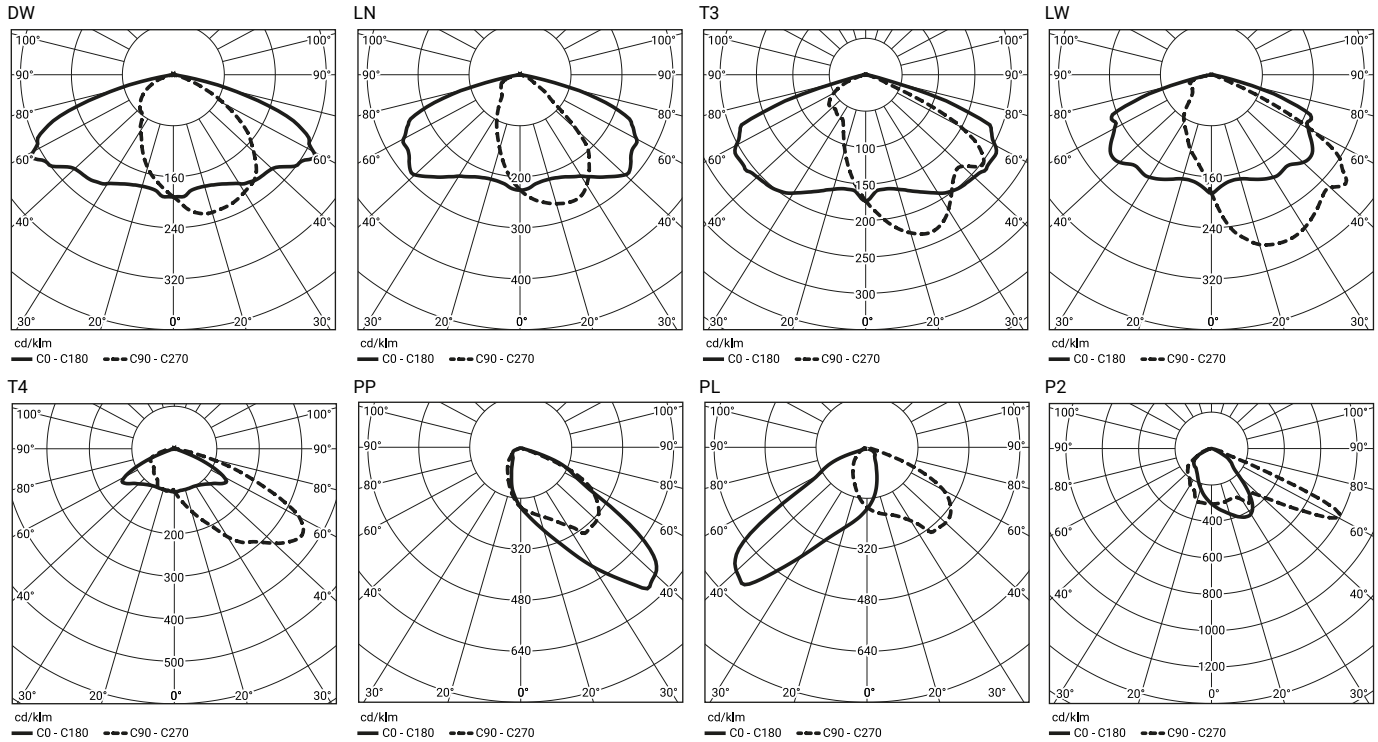
In order to efficient discharge the electrostatic charge from the housing of LED fitting installed on the pole from dielectric material (non-conductive) one of the following solutions is required:

- functional grounding
- LED luminaire with an additional protection device

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,