



TECHNICAL DATA

Anodising	10 colours
Assembly	on column with ø60x50 mm ending
Application	pedestrian crossings
Ingress protection	IP 66 for the optical part and the driver
Optical system	PMMA optics
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	12
Control system	Luminaire has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).

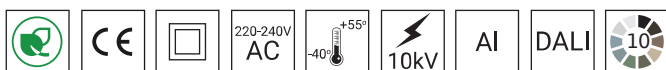


TABLE OF VARIANTS

Code	Symbol	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
21330132/1/... ²	ISKRA LED P 36 ALFA PROG	36 W	40 W	1000 mA	2700 K	5550 lm	5100 lm	128 lm/W	0,01 m³	21A / 225µs	2,2 kg
21330132/3/... ²	ISKRA LED P 36 ALFA PROG	36 W	40 W	1000 mA	3500 K	5900 lm	5400 lm	135 lm/W	0,01 m³	22A / 290µs	2,2 kg
21330132/4/... ²	ISKRA LED P 36 ALFA PROG	36 W	40 W	1000 mA	4000 K	6250 lm	5700 lm	143 lm/W	0,01 m³	22A / 290µs	2,2 kg
21330132/6/... ²	ISKRA LED P 36 ALFA PROG	36 W	40 W	1000 mA	5000 K	6250 lm	5700 lm	143 lm/W	0,01 m³	22A / 290µs	2,2 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

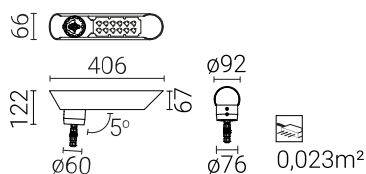
REMOVING ELECTROSTATIC CHARGE FROM LED LUMINAIRE BODY

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:

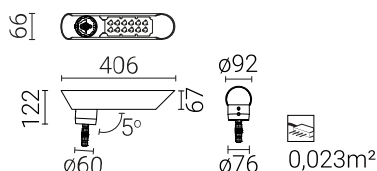
- functional grounding
- LED luminaire with an additional protection device

TECHNICAL DRAWING

crosswalks for roads with right-hand traffic



crosswalks for roads with left-hand traffic

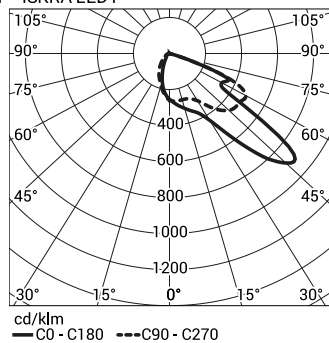


PHOTOMETRIC CURVES

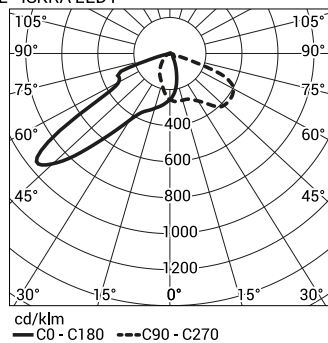
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www.rosa.pl

P - ISKRA LED P



L - ISKRA LED P



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,