



TECHNICAL DATA

|                             |                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Application                 | pedestrian crossings                                                                                                             |
| Assembly                    | on column with ø60x50 mm ending                                                                                                  |
| Colour                      | inox / black                                                                                                                     |
| 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                                                                                                                              |
| Inrush current              | 21A / 225µs                                                                                                                      |
| 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). |

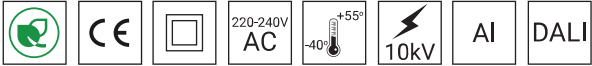


TABLE OF VARIANTS

| Code            | Symbol                   | LED power | Luminaire power consumption | LED forward current | Colour temperature (CCT) | LEDs luminous flux¹ | Luminaire luminous flux¹ | Luminous efficacy¹ | 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

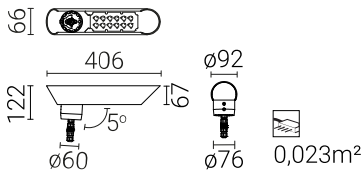
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

CHARGING DISCHARGE FROM THE LED LUMINAIRE HOUSING

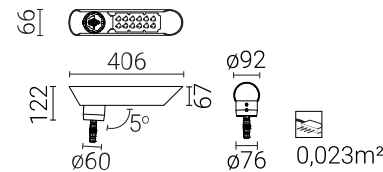
In order to efficient discharge the electrostatic charge from the housing of LED fitting installed on the pole from dielectric material (non-conductive) one of the following solutions is required:  
- functional grounding  
- LED luminaire with an additional protection device

TECHNICAL DRAWING

crosswalks for roads with right-hand traffic

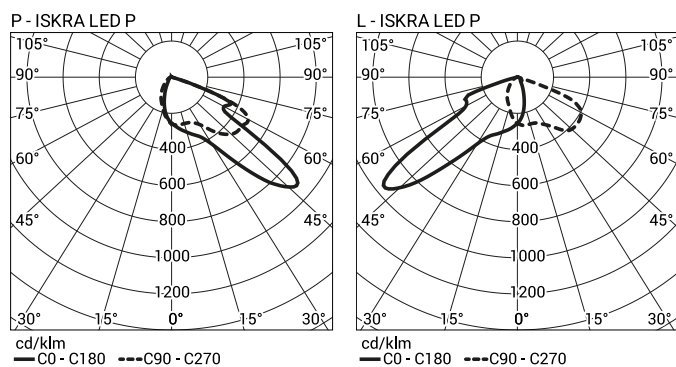


crosswalks for roads with left-hand traffic



PHOTOMETRIC CURVES

Updated at: 11-04-2025



## 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,