

# ISKRA LED P PROG



**Application:** pedestrian crossings

**Assembly:** on extension arms with  $\varnothing 60 \times 90$  mm ending

**Ingress protection:** IP 66

**Material:** anodised aluminium alloy

**Colour:** inox / black

**Optical system:** PMMA optics

**Number of LEDs:** 12

**Operating temperature range:** from  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

**Expected useful lifetime:** L90F10 – 50 000 h, L80F20 – 100 000 h

**CRI:** >70 for 5000K, 4000K; >80 for 3500K

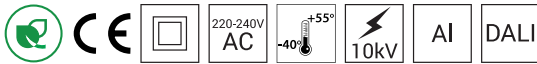
**Corrective factor S/P:** 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

**Input voltage frequency:** 50 / 60Hz

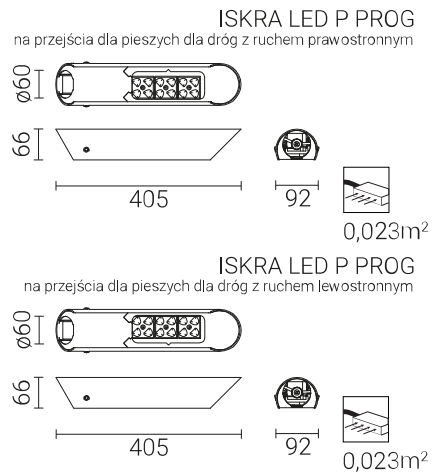
**Power factor:**  $\geq 0.95$

**Inrush current:** : 22A / 290 $\mu\text{s}$

Luminaire ISKRA LED P PROG has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).



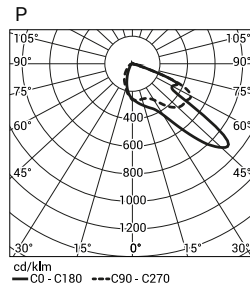
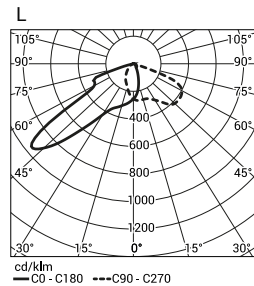
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>2)</sup>	Luminaire luminous flux <sup>2)</sup>	Luminous efficacy	Unit volume	Luminaire net weight
21320132/3/... <sup>1)</sup>	ISKRA LED P 36 PROG	36W	40W	1000mA	3500K	4 750lm	4400lm	110lm/W	0,01m <sup>3</sup>	2,1kg
21320132/4/... <sup>1)</sup>	ISKRA LED P 36 PROG	36W	40W	1000mA	4000K	5 250lm	4700lm	118lm/W	0,01m <sup>3</sup>	2,1kg
21320132/6/... <sup>1)</sup>	ISKRA LED P 36 PROG	36W	40W	1000mA	5000K	5 450lm	4900lm	123lm/W	0,01m <sup>3</sup>	2,1kg



**1) Symbol of chosen optical system eg. 21320132/6/L is ISKRA LED P 36 PROG 5000K with optical system for roads with left-hand side traffic**

2) tolerance +/- 3% due to LEDs accuracy

**Directive:** 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



Acceptable quantity of luminaires ISKRA LED P PROG on one circuit, protected by:

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
ISKRA LED PROG	B	2	4	8	12	20	25	31
	C	2	8	12	20	34	41	52

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED PROG	4	9	14	25	39	50	62