

# ISKRA LED P ALFA



**Application:** pedestrian crossings

**Assembly:** directly on the pole with Ø60x80; mounting height: from 4 to 6 m

**Ingress protection:** IP 66

**Material:** anodised aluminium alloy

**Colour:** inox / black

**Optical system:** PMMA optics

**Number of LEDs:** 12

**Operating temperature range:** from -40°C to +55°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:** ≥0.95

**Inrush current:** : 50A / 210µs for 36W, 45W

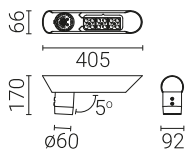
Luminaire ISKRA LED P ALFA has the possibility to connect to an external control system via analog signal 1- 10V.



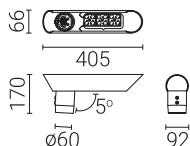
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>2)</sup>	Luminaire luminous flux <sup>2)</sup>	Luminous efficacy	Unit volume	Luminaire net weight
2133032/3/... <sup>1)</sup>	ISKRA LED P 36 ALFA	36W	39W	960mA	3500K	4 550lm	4300lm	110lm/W	0,01m <sup>3</sup>	2,6kg
2133032/4/... <sup>1)</sup>	ISKRA LED P 36 ALFA	36W	39W	960mA	4000K	5 050lm	4600lm	118lm/W	0,01m <sup>3</sup>	2,6kg
2133032/6/... <sup>1)</sup>	ISKRA LED P 36 ALFA	36W	39W	960mA	5000K	5 250lm	4800lm	123lm/W	0,01m <sup>3</sup>	2,6kg
2133045/3/... <sup>1)</sup>	ISKRA LED P 45 ALFA	45W	52W	1250mA	3500K	5 600lm	5250lm	101lm/W	0,01m <sup>3</sup>	2,6kg
2133045/4/... <sup>1)</sup>	ISKRA LED P 45 ALFA	45W	52W	1250mA	4000K	6 200lm	5650lm	108lm/W	0,01m <sup>3</sup>	2,6kg
2133045/6/... <sup>1)</sup>	ISKRA LED P 45 ALFA	45W	52W	1250mA	5000K	6 450lm	5900lm	113lm/W	0,01m <sup>3</sup>	2,6kg

1) tolerance +/- 7% due to LEDs accuracy

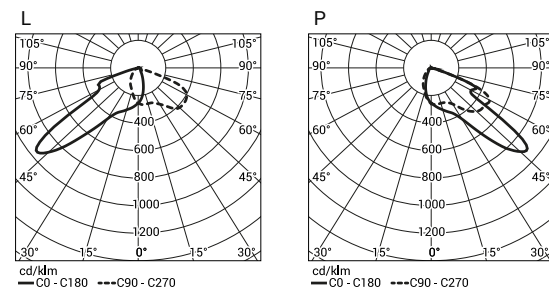
ISKRA LED P ALFA  
na przejścia dla pieszych dla dróg z ruchem prawostronnym



ISKRA LED P ALFA  
na przejścia dla pieszych dla dróg z ruchem lewostronnym



**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 ALFA on one circuit, protected by:

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
ISKRA LED P 36W ALFA	B	1	2	4	7	12	15	18
	C	1	4	7	12	20	24	31

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED P 36W ALFA	2	6	9	17	27	34	43

# ISKRA LED P ALFA

ISKRA LED P 45W ALFA	B	0	1	2	5	8	10	12
	C	1	2	4	8	13	16	20

ISKRA LED P 45W ALFA	1	4	7	13	21	27	34
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# ISKRA LED P ALFA PROG



**Application:** pedestrian crossings

**Assembly:** directly on the pole wit Ø60x80

**Ingress protection:** IP 66

**Material:** anodised aluminium alloy

**Colour:** inox / black

**Optical system:** PMMA optics

**Number of LEDs:** 12

**Operating temperature range:** from -40°C to +55°C

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

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

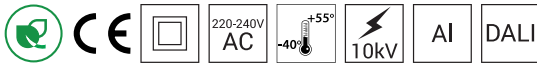
**Corrective factor S/P:** 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

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

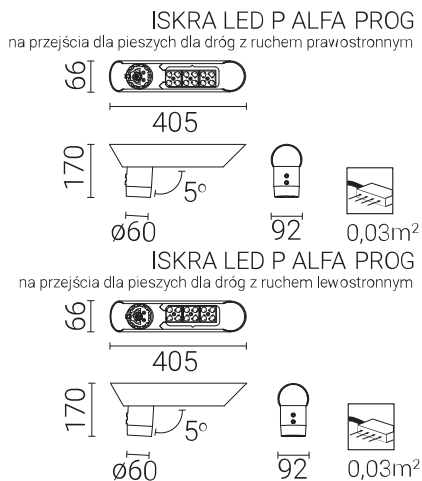
**Power factor:** ≥0.95

**Inrush current:** : 22A / 290µs

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



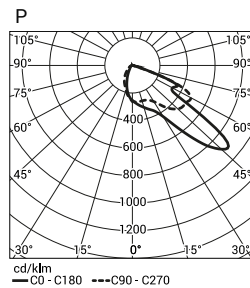
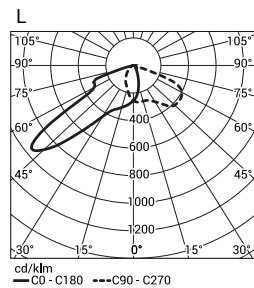
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>2)</sup>	Luminaire luminous flux <sup>2)</sup>	Luminous efficacy	Unit volume	Luminaire net weight
21330132/3/... <sup>1)</sup>	ISKRA LED P 36 ALFA PROG	36W	40W	1000mA	3500K	4 750lm	4400lm	110lm/W	0,01m <sup>3</sup>	2,5kg
21330132/4/... <sup>1)</sup>	ISKRA LED P 36 ALFA PROG	36W	40W	1000mA	4000K	5 250lm	4700lm	118lm/W	0,01m <sup>3</sup>	2,5kg
21330132/6/... <sup>1)</sup>	ISKRA LED P 36 ALFA PROG	36W	40W	1000mA	5000K	5 450lm	4900lm	123lm/W	0,01m <sup>3</sup>	2,5kg



1) Symbol of chosen optical system eg. 21330132/6/L is ISKRA LED P 36 ALFA 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 ALFA 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