

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

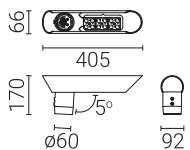
Luminaire ISKRA LED P ALFA has the possibility to connect to an external control system via analog signal 1- 10V.



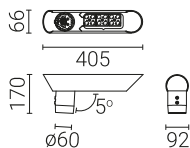
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Luminaire net weight
2133032/3/... ¹⁾	ISKRA LED P 36 ALFA	36W	39W	960mA	3500K	4 550lm	4300lm	110lm/W	0,01m ³	2,6kg
2133032/4/...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

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

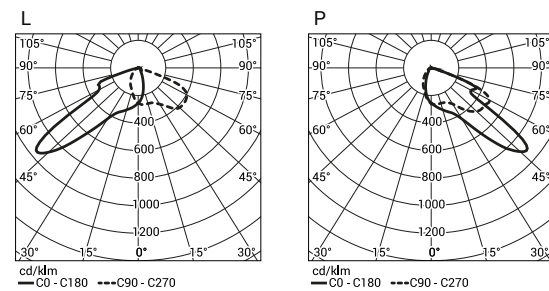
ISKRA LED P ALFA
na przejścia dla pieszych dla dróg z ruchem prawostronnym



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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