

ISKRA LED P



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°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: ≥ 0.95

Inrush current: : 50A / 210 μs for 36W; 55A / 270 μs for 45W

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

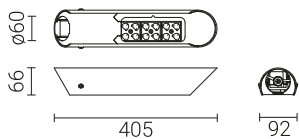


Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Luminaire net weight
2132032/3/... ¹⁾	ISKRA LED P 36	36W	39W	960mA	3500K	4 550lm	4300lm	110lm/W	0,005m ³	2,2kg
2132032/4/... ¹⁾	ISKRA LED P 36	36W	39W	960mA	4000K	5 050lm	4600lm	118lm/W	0,005m ³	2,2kg
2132032/6/... ¹⁾	ISKRA LED P 36	36W	39W	960mA	5000K	5 250lm	4800lm	123lm/W	0,005m ³	2,2kg
2132045/3/... ¹⁾	ISKRA LED P 45	45W	52W	1250mA	3500K	5 600lm	5250lm	101lm/W	0,005m ³	2,2kg
2132045/4/... ¹⁾	ISKRA LED P 45	45W	52W	1250mA	4000K	6 200lm	5650lm	108lm/W	0,005m ³	2,2kg
2132045/6/... ¹⁾	ISKRA LED P 45	45W	52W	1250mA	5000K	6 450lm	5900lm	113lm/W	0,005m ³	2,2kg

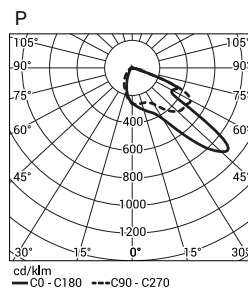
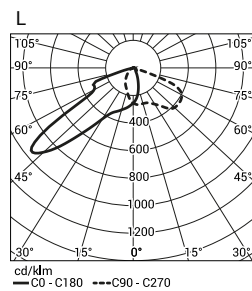
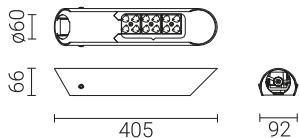
1) tolerance +/- 7% due to LEDs accuracy

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

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



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



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

Overcurrent switches MCB type B or C

Luminaire	Type	2A	4A	6A	10A	16A	20A	25A
ISKRA LED P 36W	B	1	2	4	7	12	15	18
	C	1	4	7	12	20	24	31
ISKRA LED P 45W	B	0	1	2	5	8	10	12

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED P 36W	2	6	9	17	27	34	43
ISKRA LED P 45W	1	4	7	13	21	27	34

ISKRA LED P

ISKRA LED P 40W

C	1	2	4	8	13	16	20
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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°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

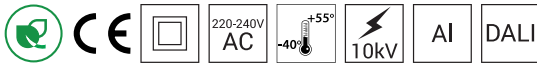
Corrective factor S/P: 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

Input voltage frequency: 50 / 60Hz

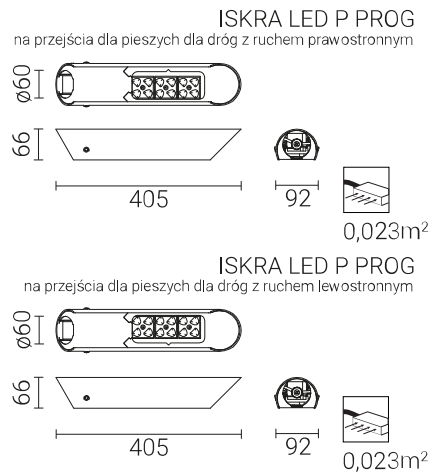
Power factor: ≥ 0.95

Inrush current: : 22A / 290 μs

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



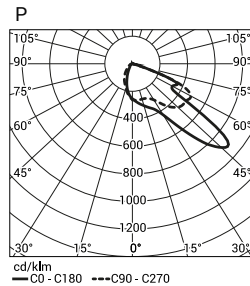
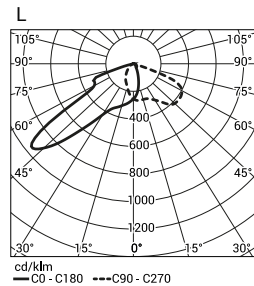
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Luminaire net weight
21320132/3/... ¹⁾	ISKRA LED P 36 PROG	36W	40W	1000mA	3500K	4 750lm	4400lm	110lm/W	0,01m ³	2,1kg
21320132/4/...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