

# ISKRA LED PROG



**Application:** pedestrians, bicycle routes, urban roads, residential roads (internal), parks

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

**Ingress protection:** IP 66 for the optical part and the driver

**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 - 100000 h

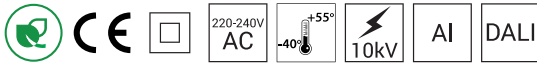
**CRI:** >70 for 5000K, 4000K; >80 for 3500K, 2700K

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

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

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

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



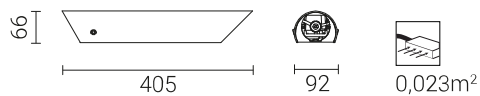
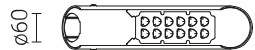
Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>2)</sup>	Luminaire luminous flux <sup>2)</sup>	Luminous efficacy	Unit volume	Net weight
2132130/1/... <sup>1)</sup>	ISKRA LED 24 PROG	24W	28W	700mA	2700K	3 600lm	3300lm	118lm/W	0,005m <sup>3</sup>	2,1kg
2132130/3/... <sup>1)</sup>	ISKRA LED 24 PROG	24W	28W	700mA	3500K	3 700lm	3400lm	122lm/W	0,005m <sup>3</sup>	2,1kg
2132130/4/... <sup>1)</sup>	ISKRA LED 24 PROG	24W	28W	700mA	4000K	4 200lm	3850lm	138lm/W	0,005m <sup>3</sup>	2,1kg
2132130/6/... <sup>1)</sup>	ISKRA LED 24 PROG	24W	28W	700mA	5000K	4 250lm	3900lm	140lm/W	0,005m <sup>3</sup>	2,1kg
2132132/1/... <sup>1)</sup>	ISKRA LED 36 PROG	36W	40W	1000mA	2700K	4 900lm	4500lm	113lm/W	0,005m <sup>3</sup>	2,1kg
2132132/3/... <sup>1)</sup>	ISKRA LED 36 PROG	36W	40W	1000mA	3500K	5 100lm	4750lm	119lm/W	0,005m <sup>3</sup>	2,1kg
2132132/4/... <sup>1)</sup>	ISKRA LED 36 PROG	36W	40W	1000mA	4000K	5 800lm	5400lm	135lm/W	0,005m <sup>3</sup>	2,1kg
2132132/6/... <sup>1)</sup>	ISKRA LED 36 PROG	36W	40W	1000mA	5000K	5 900lm	5500lm	138lm/W	0,005m <sup>3</sup>	2,1kg

1) Symbol of chosen optical system eg. 2132130/6/T2 is ISKRA LED 24 PROG 5000K with T2 optical system

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

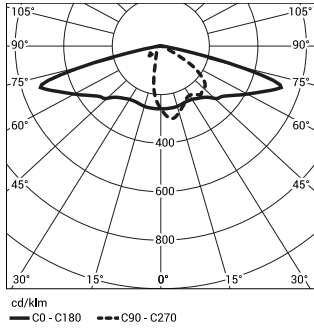
**Directive:** 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC

Shown parameters based on measurements according to IESNA LM 79-08

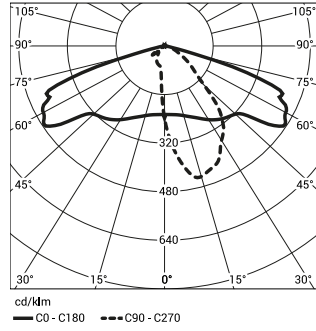


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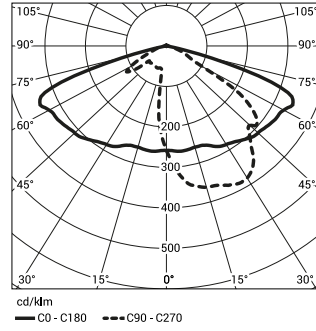
SP



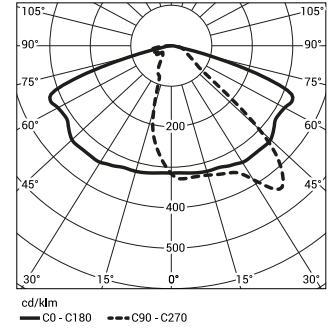
T2



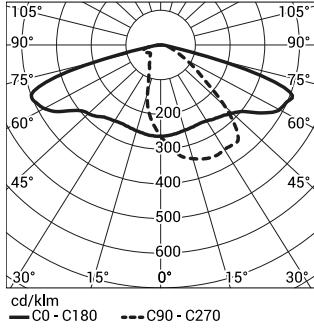
T3



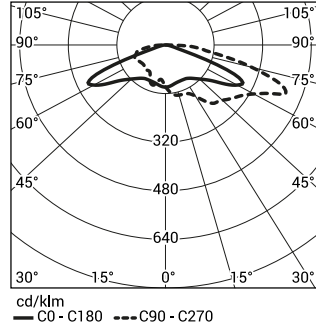
ME



DW



T4



Acceptable quantity of luminaires ISKRA LED 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