

ISKRA LED ALFA PROG



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

Assembly: pole top mounted $\varnothing 60 \times 80$ mm

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

Material: anodised aluminium alloy

Colour: inox / black

Number of LEDs: 12

Operating temperature range: from -40°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: ≥ 0.95

Inrush current: : 21A / 225 μs

Luminaire ISKRA LED 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 ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Net weight
2133127/1/... ¹⁾	ISKRA LED ALFA 12 PROG	12W	14W	350mA	2700K	1 850lm	1700lm	121lm/W	0,01m ³	2,5kg
2133127/3/... ¹⁾	ISKRA LED ALFA 12 PROG	12W	14W	350mA	3500K	1 900lm	1750lm	125lm/W	0,01m ³	2,5kg
2133127/4/... ¹⁾	ISKRA LED ALFA 12 PROG	12W	14W	350mA	4000K	2 300lm	2100lm	150lm/W	0,01m ³	2,5kg
2133127/6/... ¹⁾	ISKRA LED ALFA 12 PROG	12W	14W	350mA	5000K	2 300lm	2100lm	150lm/W	0,01m ³	2,5kg
2133130/1/... ¹⁾	ISKRA LED ALFA 24 PROG	24W	28W	700mA	2700K	3 600lm	3350lm	120lm/W	0,01m ³	2,5kg
2133130/3/... ¹⁾	ISKRA LED ALFA 24 PROG	24W	28W	700mA	3500K	3 700lm	3500lm	125lm/W	0,01m ³	2,5kg
2133130/4/... ¹⁾	ISKRA LED ALFA 24 PROG	24W	28W	700mA	4000K	4 350lm	4050lm	145lm/W	0,01m ³	2,5kg
2133130/6/... ¹⁾	ISKRA LED ALFA 24 PROG	24W	28W	700mA	5000K	4 350lm	4050lm	145lm/W	0,01m ³	2,5kg
2133132/1/... ¹⁾	ISKRA LED ALFA 36 PROG	36W	40W	1000mA	2700K	4 900lm	4500lm	113lm/W	0,01m ³	2,5kg
2133132/3/... ¹⁾	ISKRA LED ALFA 36 PROG	36W	40W	1000mA	3500K	5 100lm	4750lm	119lm/W	0,01m ³	2,5kg
2133132/4/... ¹⁾	ISKRA LED ALFA 36 PROG	36W	40W	1000mA	4000K	6 000lm	5600lm	140lm/W	0,01m ³	2,5kg
2133132/6/... ¹⁾	ISKRA LED ALFA 36 PROG	36W	40W	1000mA	5000K	6 000lm	5600lm	140lm/W	0,01m ³	2,5kg

1) Symbol of chosen optical system eg. 2133130/6/T2 is ISKRA LED ALFA 24 PROG 5000K with T2 optical system

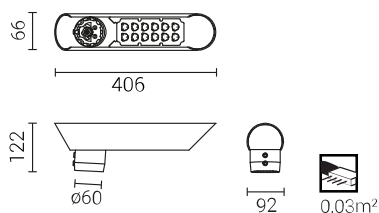
2) tolerance +/- 5% due to LEDs accuracy

3) ENEC certificate valid only if T2_E, T3_E and ME_E optics are used

4) 3L optics available for 12 W luminaire power only

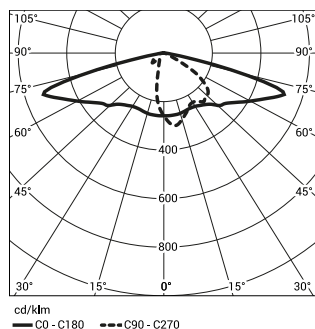
Directive: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC

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

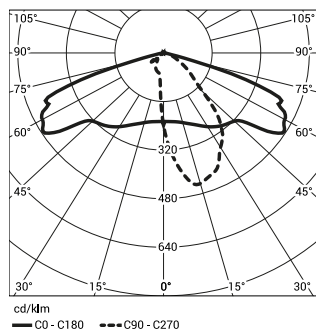


ISKRA LED ALFA PROG

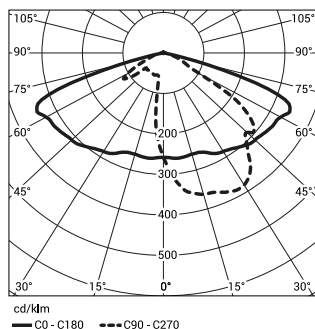
SP



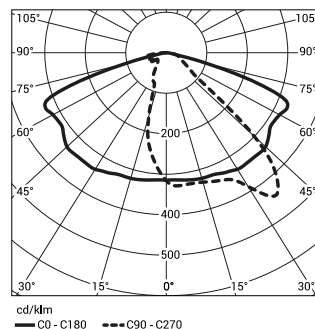
T2



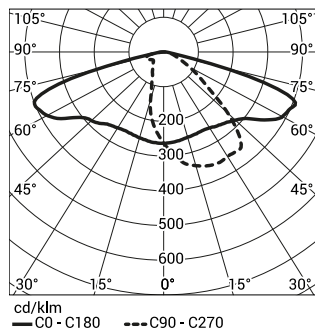
T3



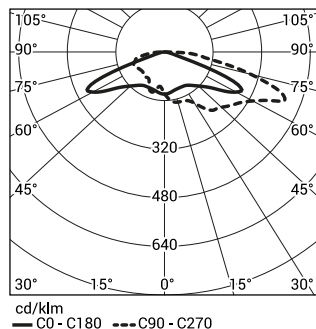
ME



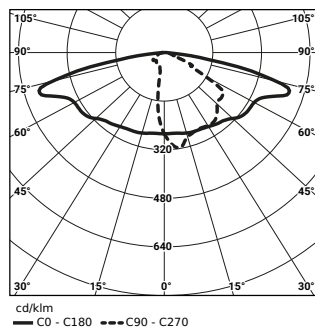
DW



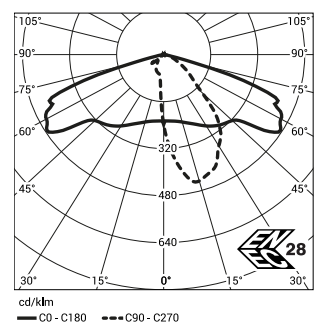
T4



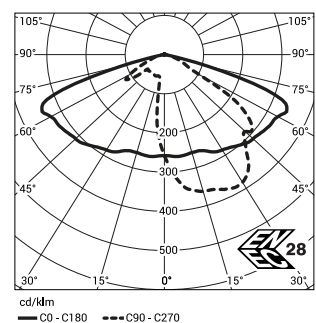
3L



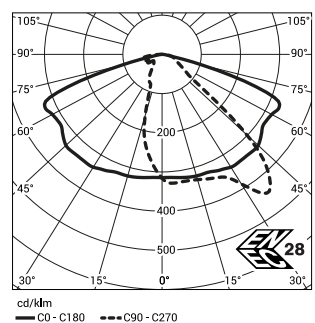
T2_E



T3_E



ME_E



Luminaire ISKRA LED ALFA PROG in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Acceptable quantity of luminaires ISKRA LED 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 ALFA PROG	B	3	6	10	16	26	32	40
	C	3	10	16	27	44	54	67

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
ISKRA LED ALFA PROG	1	10	19	25	50	69	97