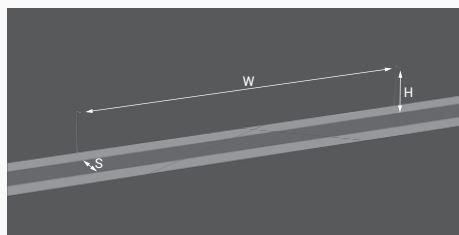


ISKRA LED



Lighting example



Bicycle and pedestrian path

ISKRA LED 24 W, SP optics

Parameters:

H – luminaire mounting height: 5 m

W – pole spacing: 40 m

S – road width: 5 m

Lighting class P4

Application: urban roads, residential streets, parks, pedestrian walkways, bike paths

Installation: 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

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

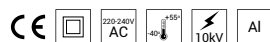
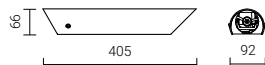
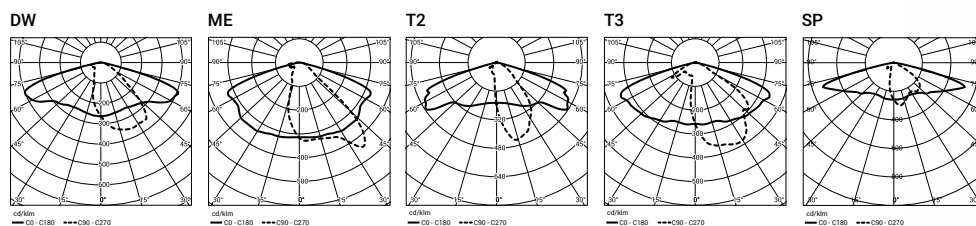
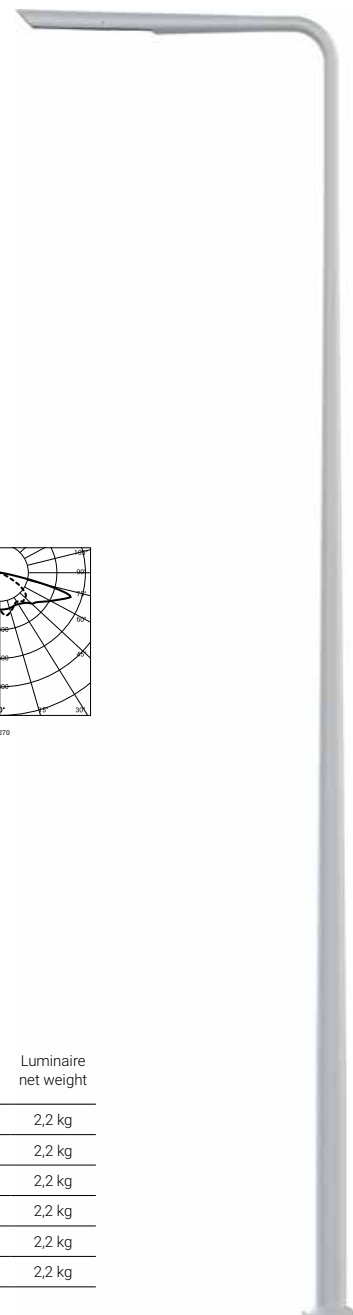
CRI: for 4000 K, 5000 K > 70, for 3500 K > 80

Unit volume: 0,005 m³

Input voltage frequency: 50/60 Hz

Power factor: ≥ 0.95

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



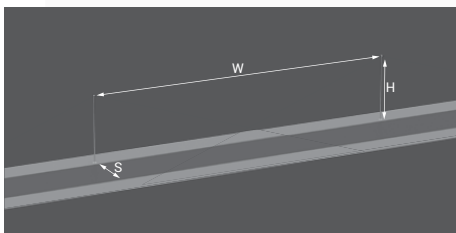
Code	Name	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
213230/3/...	ISKRA LED 24	24 W	31 W	760 mA	3500 K	3450 lm	3200 lm	103 lm/W	2,2 kg
213230/4/...	ISKRA LED 24	24 W	31 W	760 mA	4000 K	3850 lm	3700 lm	119 lm/W	2,2 kg
213230/6/...	ISKRA LED 24	24 W	31 W	760 mA	5000 K	4050 lm	3900 lm	126 lm/W	2,2 kg
231232/3/...	ISKRA LED 36	36 W	39 W	960 mA	3500 K	4550 lm	4300 lm	110 lm/W	2,2 kg
213232/4/...	ISKRA LED 36	36 W	39 W	960 mA	4000 K	5050 lm	4600 lm	118 lm/W	2,2 kg
213232/6/...	ISKRA LED 36	36 W	39 W	960 mA	5000 K	5250 lm	4800 lm	123 lm/W	2,2 kg

/... Symbol of selected optical system

ISKRA LED ALFA



Lighting example



Local road

ISKRA LED ALFA 36W, T3 optics

Parameters:

H – luminaire mounting height: 6 m

W – pole spacing: 30 m

S – road width: 5,5 m

Lighting class M5

Application: urban roads, residential streets, parks, pedestrian walkways, bike paths

Installation: 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

Optical system: PMMA optics

Number of LEDs: 12

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

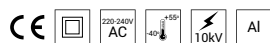
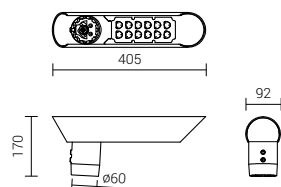
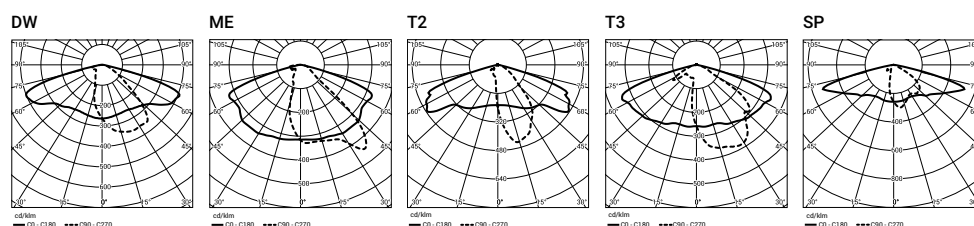
CRI: for 4000 K, 5000 K > 70, for 3500 K > 80

Unit volume: 0,0 1 m³

Input voltage frequency: 50/60 Hz

Power factor: ≥ 0.95

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



Code	Name	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
213330/3/...	ISKRA LED ALFA 24	24 W	31 W	760 mA	3500 K	3450 lm	3200 lm	103 lm/W	2,6 kg
213330/4/...	ISKRA LED ALFA 24	24 W	31 W	760 mA	4000 K	3850 lm	3700 lm	119 lm/W	2,6 kg
213330/6/...	ISKRA LED ALFA 24	24 W	31 W	760 mA	5000 K	4050 lm	3900 lm	126 lm/W	2,6 kg
213332/3/...	ISKRA LED ALFA 36	36 W	39 W	960 mA	3500 K	4550 lm	4300 lm	110 lm/W	2,6 kg
213332/4/...	ISKRA LED ALFA 36	36 W	39 W	960 mA	4000 K	5050 lm	4600 lm	118 lm/W	2,6 kg
213332/6/...	ISKRA LED ALFA 36	36 W	39 W	960 mA	5000 K	5250 lm	4800 lm	123 lm/W	2,6 kg

/... Symbol of selected optical system