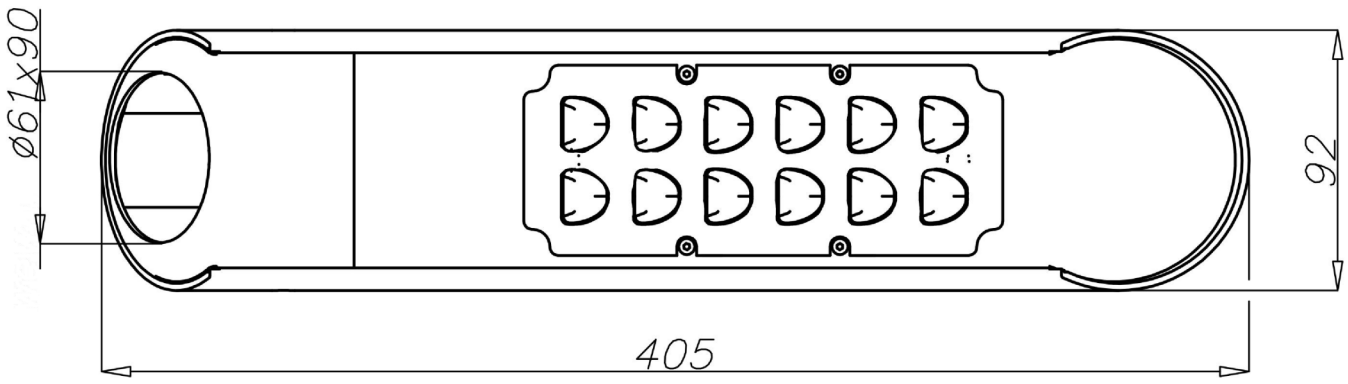
Technical Datasheet

ISKRA LED luminaire



Characteristic

Ingress protection of optical system and driver	IP 66
Electrical class	II
Nominal input voltage	100 - 240 V AC
Frequency	50/60 Hz
Power factor	≥0.95
Inrush electric current	50A / 210µs
Level of surge protection	10kV
Control system ready input	1 – 10 V (as an option)
Operating temperatures	-40°C to +55°C
Material	anodized aluminium alloy
Colour	inox / black
Setup	on the extension arm Ø60x90; recommended mount height: 4-6m
Optical system	PMMA lens
LEDs lifetime L90F10	50 000h
Warranty	5 years

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CE

Technical parameters

Type	ISKRA LED 24		ISKRA LED 36	
Code	213230/6	213230/3	213232/6	213232/3
Correlated colour temperature [K]	5 000	3 500	5 000	3 500
Color rendering index CRI	75 2)	>80	75 2)	>80
Corrective factor S/P	1,8	1,45	1,8	1,45
LEDs type	CREE XT-E		CREE XP-L	
LEDs quantity	12			
Supply current [mA]	760		960	
LEDs power [W]	24		36	
LEDs luminous flux 1) [lm]	3 400	2 950	5 050	4 600
Power consumption [W]	**31**		**39**	
Luminaire luminous flux 1) [lm]	**3 250**	**2 800**	**4 700**	**4 300**
Luminaire efficacy [lm/W]	105	90	121	112
Weight [kg]	2,2			
Volume [m^3]	0,005			
Windage [m^2]	0,023			

1) including LEDs tolerance parameter accuracy +/- 7%
2) parameter accuracy +/-2

- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1, PN-EN 60598-2-3
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3
- Shown parameters based on measurements according to IESNA LM 79-08

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

Overcurrent switches MCB type B or C								
		2A	4A	6A	10A	16A	20A	25A
ISKRA LED 24 i 36W	Type B	1	2	4	7	12	15	18
	Type C	1	4	7	12	20	24	31

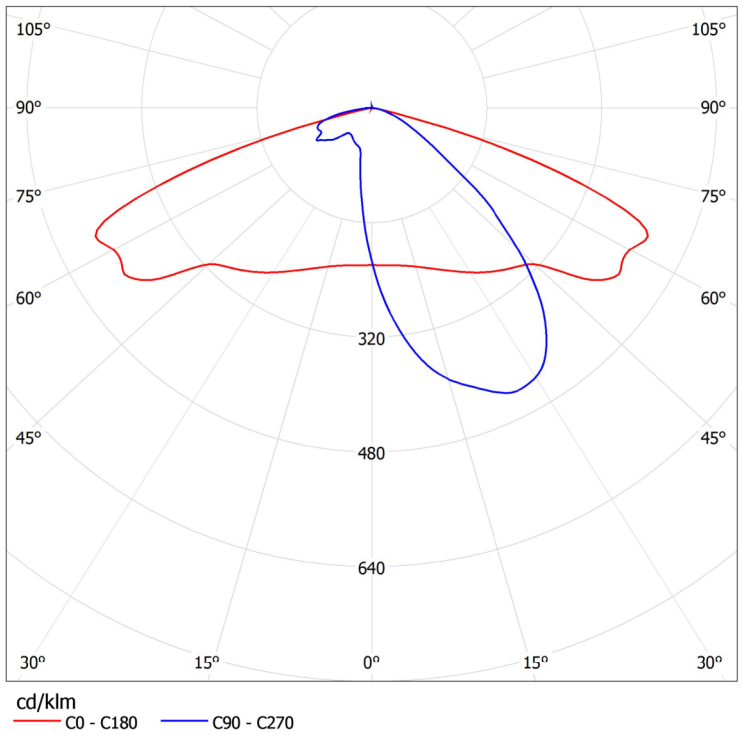
Fuse – type gG and GL							
	2A	4A	6A	10A	16A	20A	25A
ISKRA LED 24W	4	8	12	19	31	39	49
ISKRA LED 36W	2	6	9	17	27	34	43

The luminaire ISKRA LED has the possibility (as an option) to connect to the external control system via analog signal 1-10V.

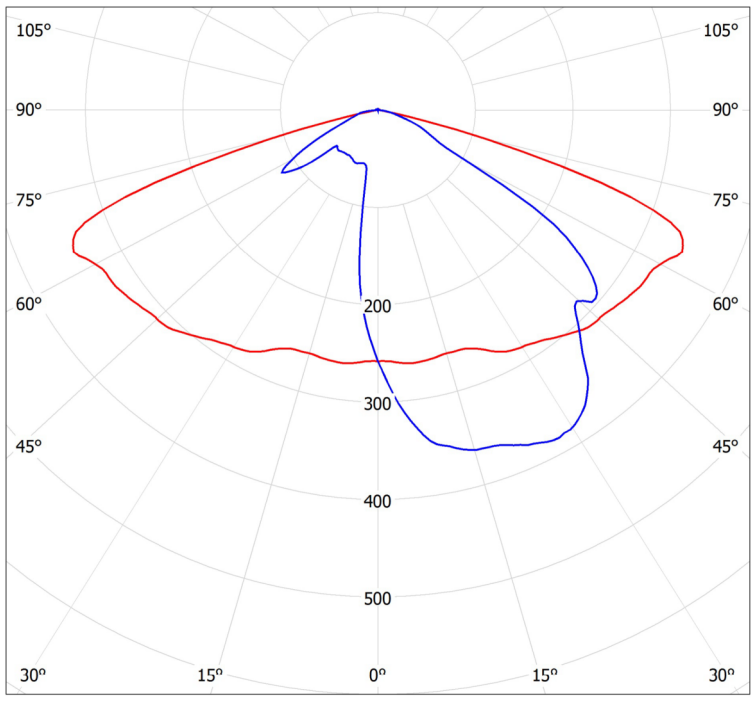
ISKRA LED luminaire

Optics configurations for ISKRA LED

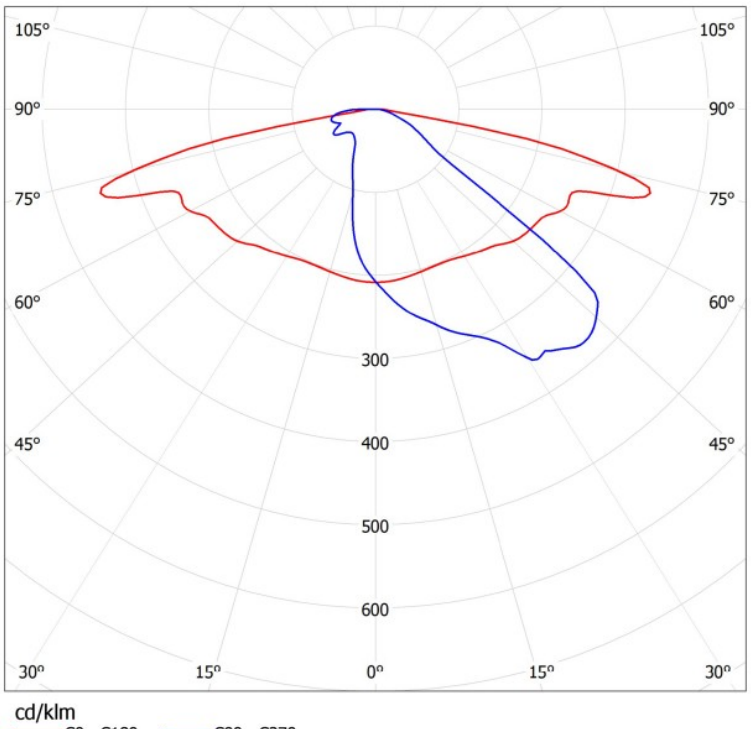
T2



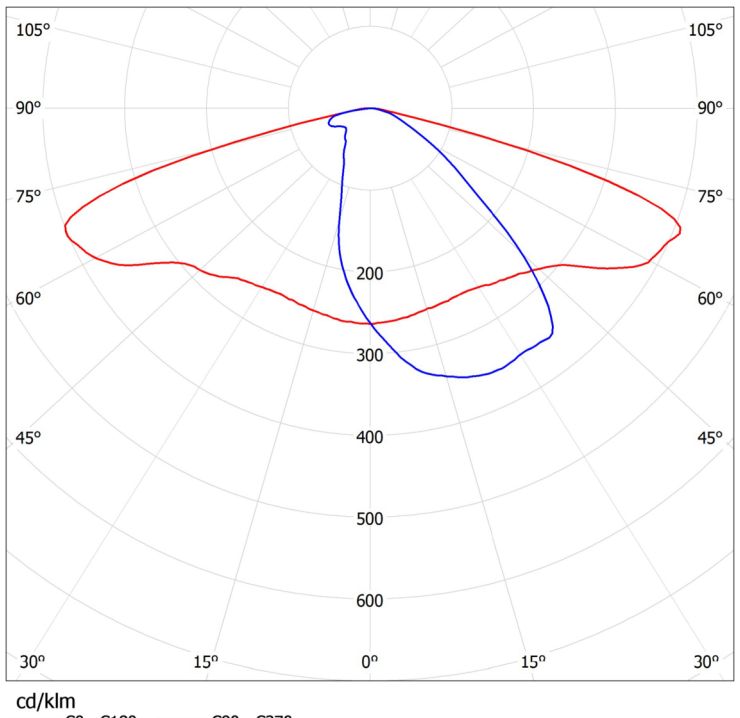
T3



ME



DW



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