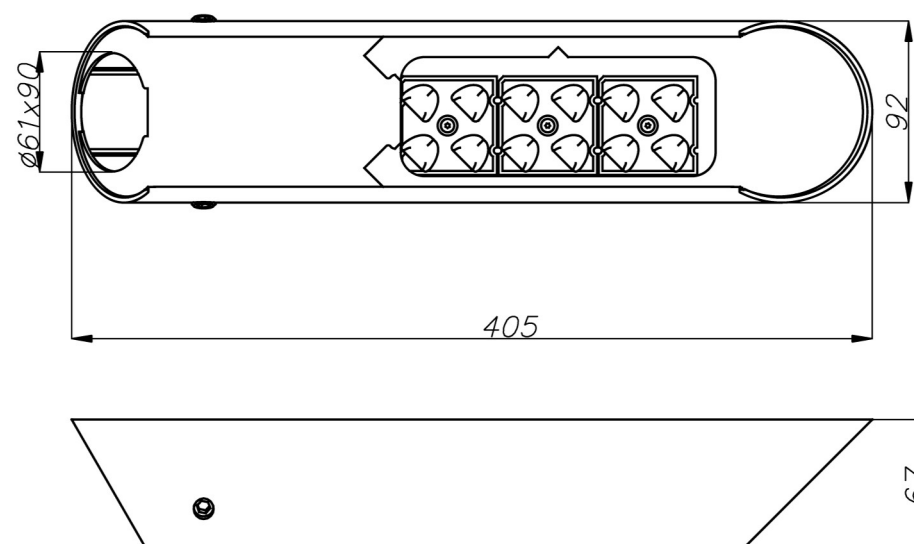
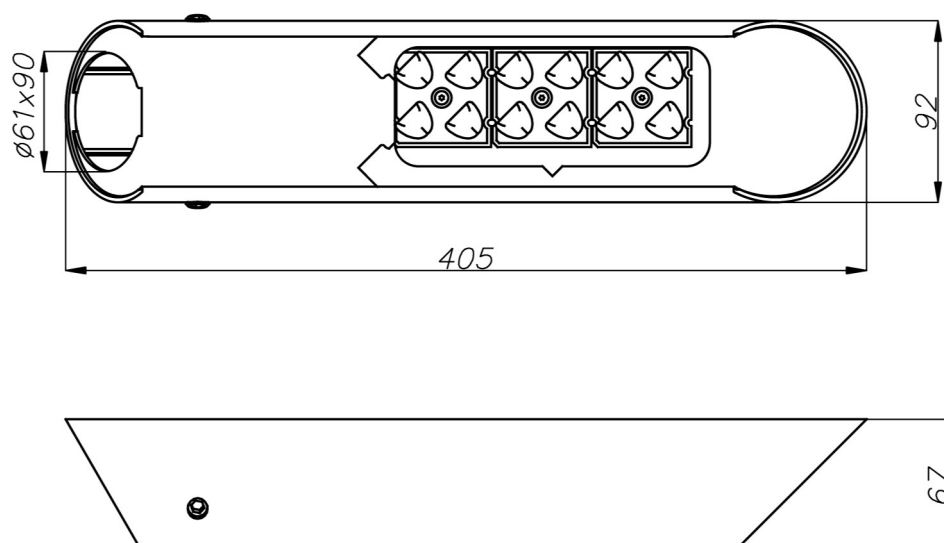




ISKRA LED P
for pedestrian crossing
left-hand traffic



ISKRA LED P
for pedestrian crossing
right-hand traffic



Characteristic

Ingress protection of optical system and driver	IP 66
Protection 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 (option)
Operating temperatures	-40°C to +55°C
Material	anodized aluminium alloy
Colour	inox / black
Optical system	PMMA lens, replaceable LED module
LEDs lifetime L90F10	50 000h
Warranty	5 years



CREE LEDs



Technical parameters

Type	ISKRA LED P 36	
Code	2132032/6/... ²⁾	2132032/3/... ²⁾
Correlated colour temperature [K]	5 000	3 500
Color rendering index CRI	75 ³⁾	>80
Color rendering index CRI	1,8	1,45
LEDs type	CREE XP-L	
LEDs quantity	12	
Supply current [mA]	960	
LEDs power [W]	36	
LEDs luminous flux 1) [lm]	5 050	4 600
Power consumption [W]	39	
Luminaire luminous flux 1) [lm]	4 700	4 300
Luminaire efficacy [lm/W]	121	112
Weight [kg]	2,2	
Volume [m ³]	0,005	
Windage [m ²]	0,023	

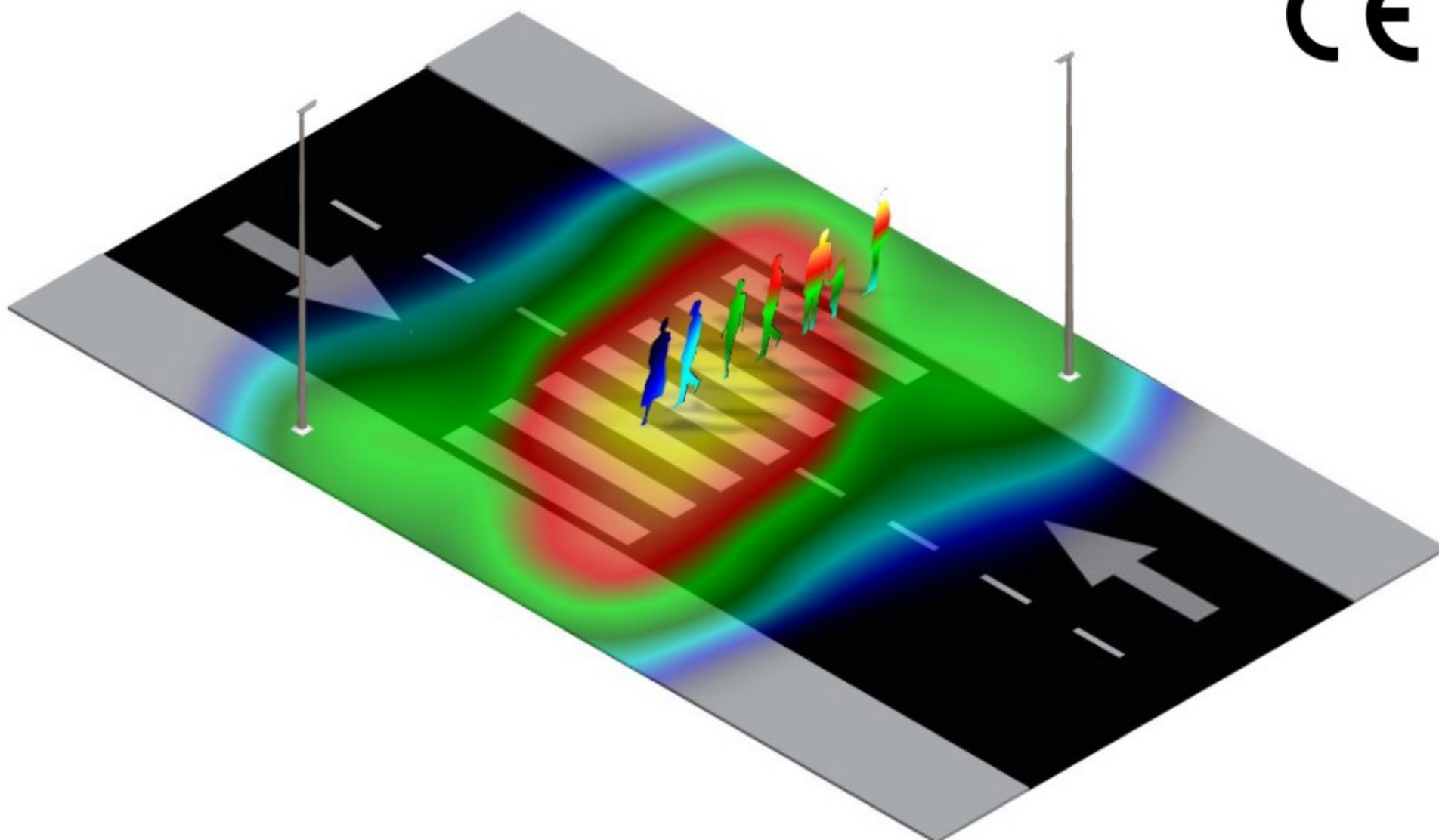
- 1) including LEDs tolerance parameter accuracy +/- 7%
- 2) code of chosen optics configuration - example: 2132032/6/P is for right-hand traffic optical system, 2132032/6/L is for left-hand traffic optical system
- 3) parameter accuracy +/-2

- 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

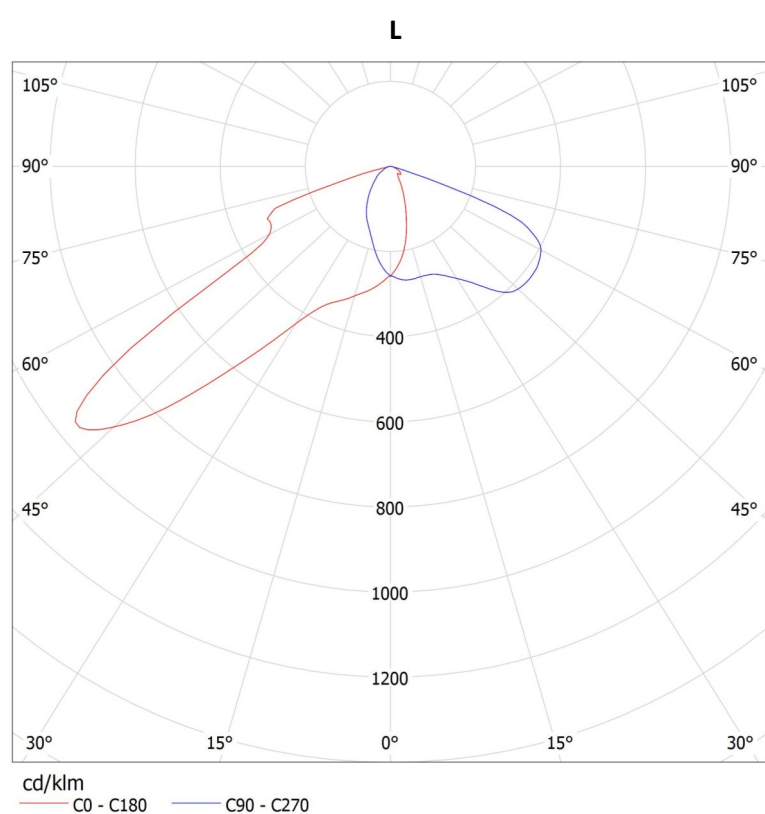
Acceptable quantity of luminaires ISKRA LED P on one circuit, protected by:

Overcurrent switches MCB type B or C									Fuse – type gG and GL							
		2A	4A	6A	10A	16A	20A	25A		2A	4A	6A	10A	16A	20A	25A
ISKRA LED P 36W	Typ B	1	2	4	7	12	15	18	ISKRA LED P 36W	2	6	9	17	27	34	43
	Typ C	1	4	7	12	20	24	31								

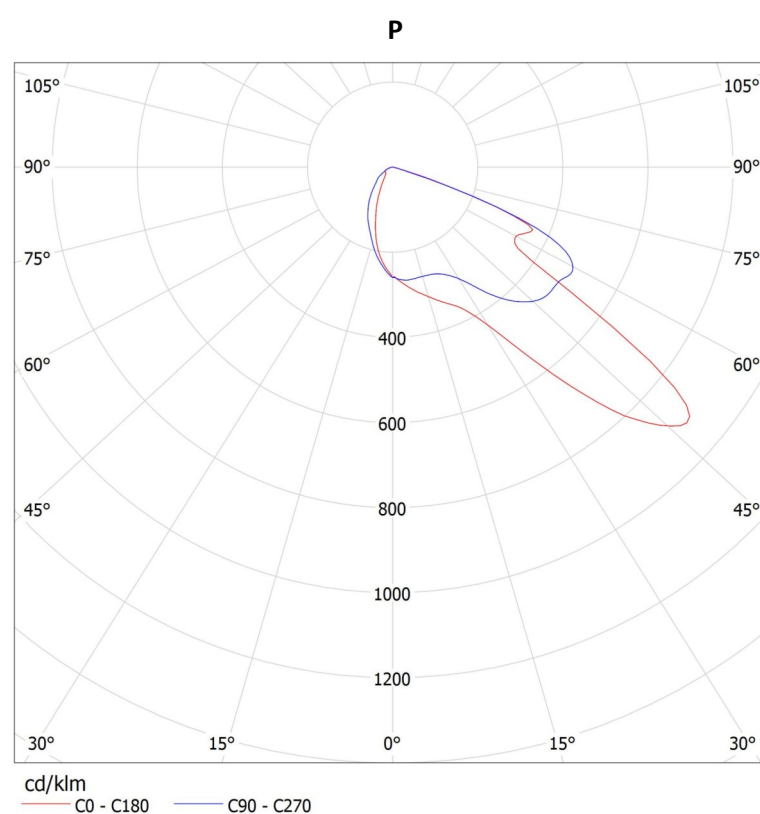
The luminaire ISKRA LED P has the possibility (as an option) to connect to the external control system via analog signal 1-10V.



Optics configurations for ISKRA LED P :



Asymmetric lighting distribution
for left-hand traffic



Asymmetric lighting distribution
for right-hand traffic