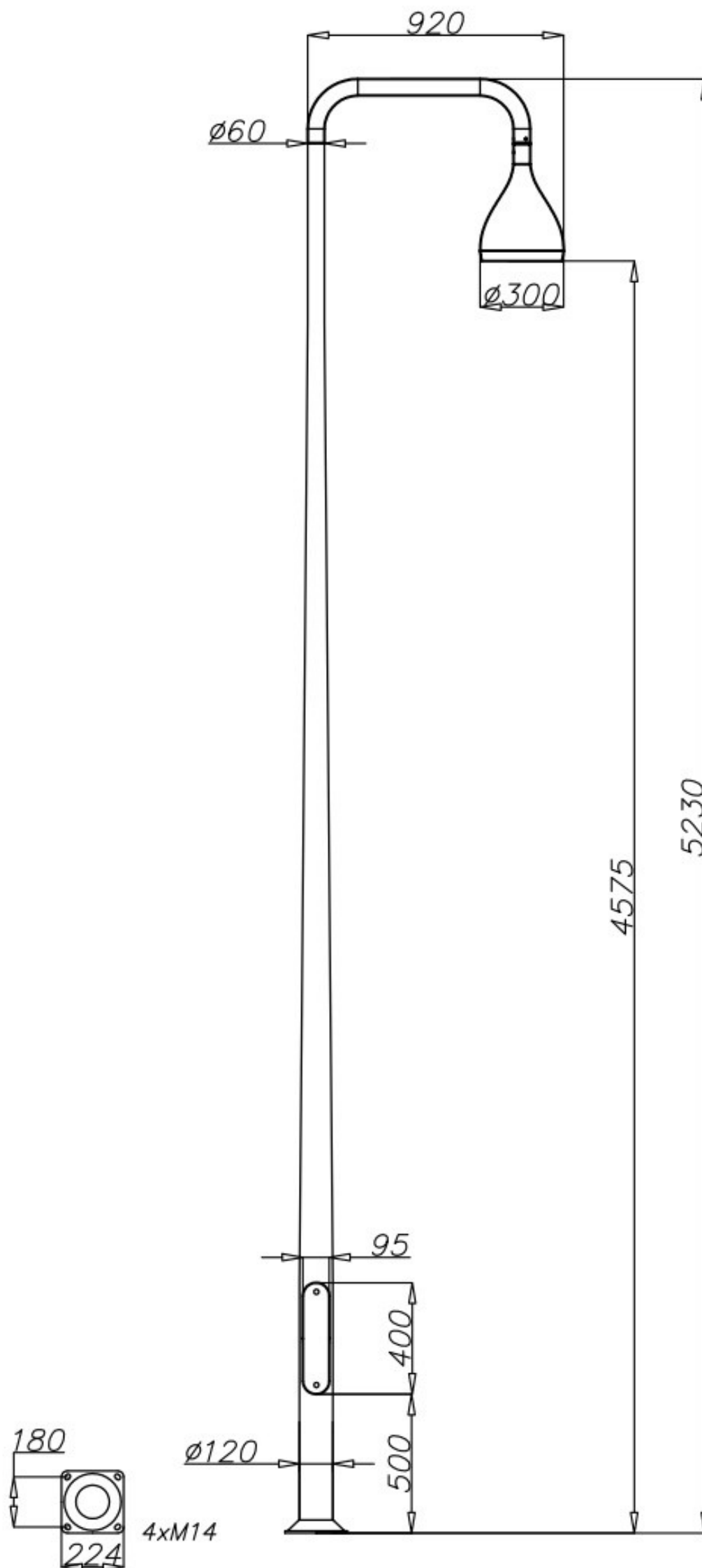


DROP I LED lighting set



CREE
LEDs

DROP I LED lighting set



Characteristic

Ingress protection of luminaire	IP 66
Protection class	II
Nominal input voltage	220 - 240 V AC
Frequency	50/60 Hz
Power factor	≥0.95
Inrush electric current	46A / 250μs
Level of surge protection	10kV
Control system ready input	DALI
Operating temperatures	-40°C to +55°C
Material	anodized aluminium alloy
Colour	inox / graphite
Optical system	ROSA PMMA lens
LEDs type	CREE XP-L
LEDs lifetime L90F10	>50 000 h
Warranty	5 years

Technical parameters

Type	DROP I LED 48	
Code	215033/6/... ³⁾	215033/3/... ³⁾
Correlated colour temperature [K]	5 000	3 500
Color rendering index CRI	75 ²⁾	>80
Corrective factor S/P	1,8	1,45
LEDs quantity	16	
Supply current [mA]	1 000	
LEDs power [W]	48	
LEDs luminous flux ¹⁾ [lm]	6 950	6 400
Power consumption [W]	55	
Luminaire luminous flux¹⁾ [lm]	6 500	6 000
Luminaire efficacy [lm/W]	118	110
Weight [kg]	25,9	
Volume [m ³]	1,78	
Foundation / reinforcing cage	B-50 / Z-50	
Foundation code/ reinforcing cage code	311150 / 311205	
Bolts set regular/ shear	4006 / 4007	

- 1) tolerance +/- 3% due to LEDs accuracy
- 2) tolerance +/- 2
- 2) code of chosen optics configuration - example: 215033/6/A is a DROP I LED 48 with asymmetric optical system

- 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
- product can be anodized in 10 colours, with gloss option
- product can be powder paint coated according to RAL pallet (different colours available on special request)
- product can be protected with elastomer coating to the height of 350mm (different heights on special request)
- standard ROSA connection box socket

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

Overcurrent switches MCB type B or C								
		2A	4A	6A	10A	16A	20A	25A
DROP I LED 48W	Type B	1	2	4	6	11	13	17
	Type C	1	4	6	11	18	22	28

Fuse – type gG and GL							
	2A	4A	6A	10A	16A	20A	25A
DROP I LED 48W	1	4	7	12	20	25	32

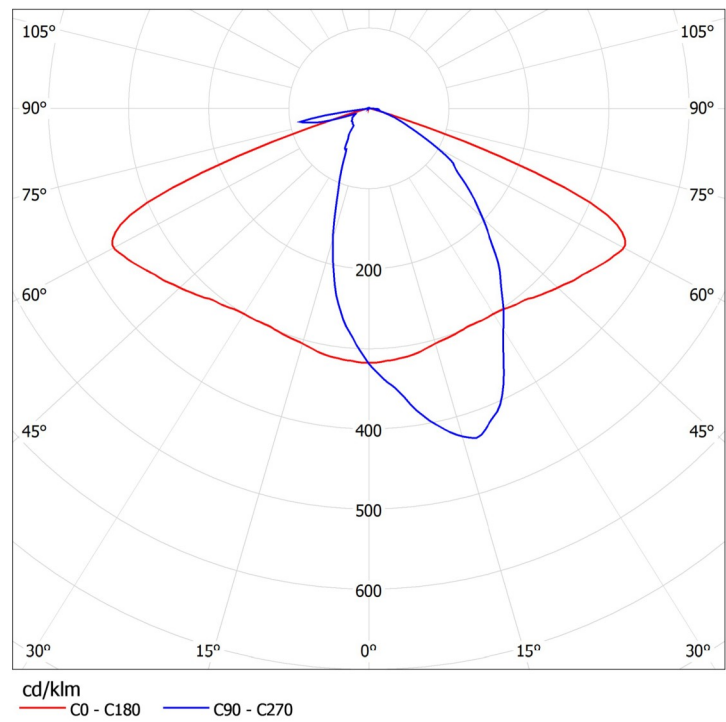
Luminaire DROP I LED in standard has following functions of intelligent power supply:

- 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,



Optics configurations for DROP I LED

A - asymmetric



S - symmetric

