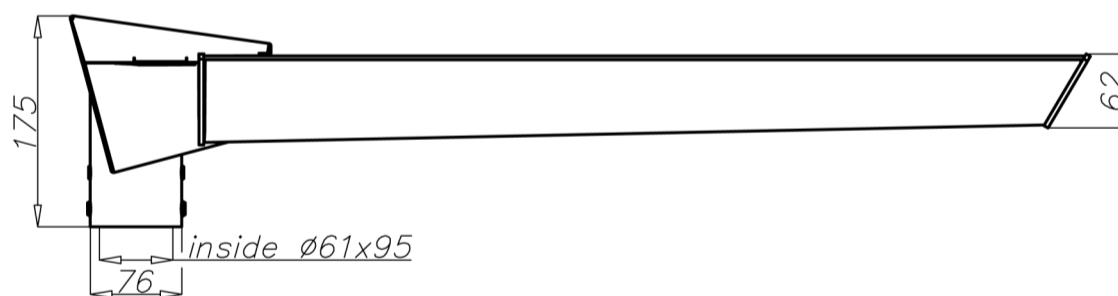
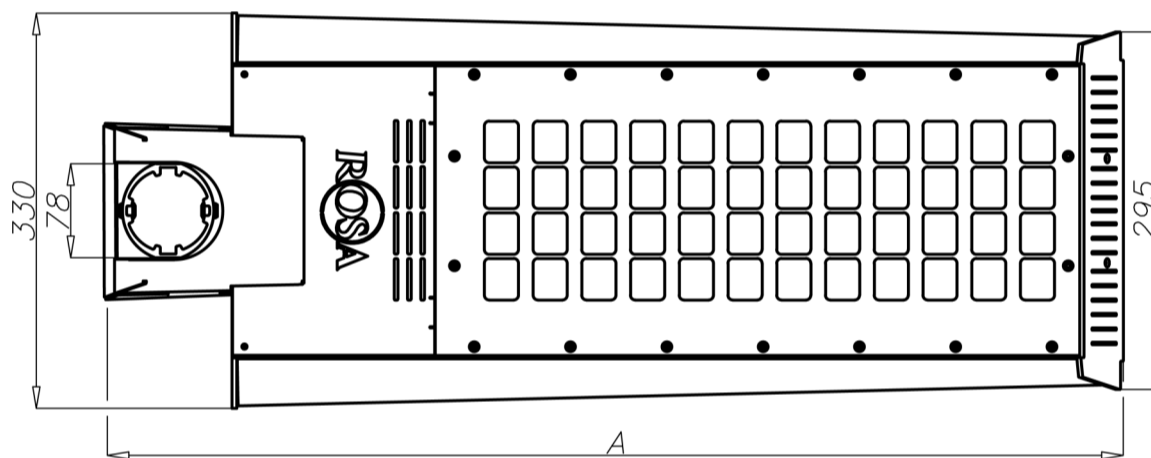


 **URSA II LED ALFA luminaire**



Characteristic

Protection degree IP for optical system and driver	IP 67	
Insulation class	II	
Voltage	90 V - 300 V	
Frequency	50/60 Hz	
Operating temperature range	URSA II LED ALFA 84; URSA II LED ALFA 96	od -40°C do +55°C
	URSA II LED ALFA 120; URSA II LED ALFA 144	od -40°C do +40°C
Material	aluminium alloy, anodized	
Colour	inox and graphite	
Assembly	pole top mounted Ø60 mm on 8 do 10 m column	
Optical system	ROSA PMMA lens	
LEDs type	CREE XM-L	
Colour rendering index CRI	>75	
Lifetime of L70 LEDs	>50 000h	

 **URSA II LED ALFA luminaire**

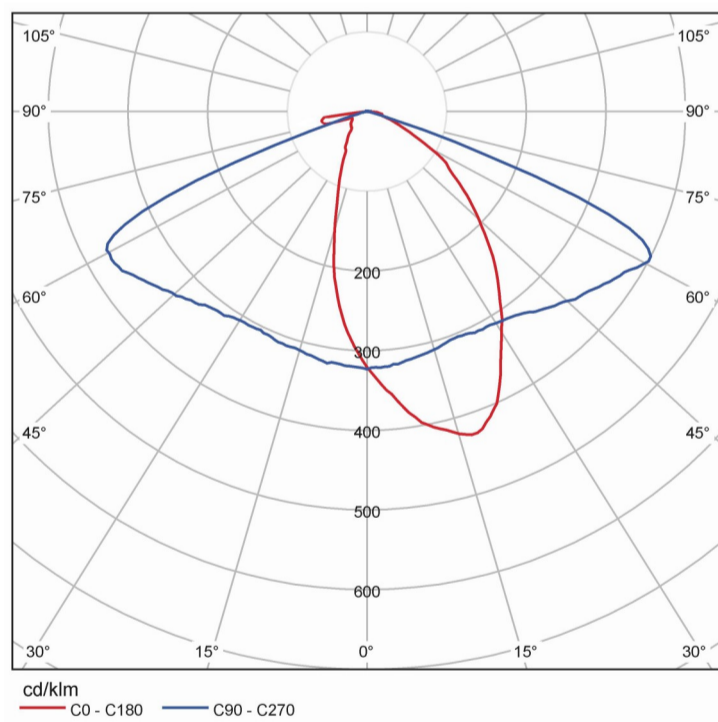
Technical data

Luminaire	URSA II LED ALFA 84		URSA II LED ALFA 96		URSA II LED ALFA 120		URSA II LED ALFA 144	
Code	222136/6	222136/3	222137/6	222137/3	222139/6	222139/3	222141/6	222141/3
Colour temperature	5 000	3 500	5 000	3 500	5 000	3 500	5 000	3 500
LEDs power [W]	84		96		120		144	
Total luminaire power [W]	92		105		130		155	
Luminous efficiency [lm/W]	97	75	98	76	99	77	99	77
Luminous flux * [lm]	9000	7000	10300	8000	12850	10000	15400	11950
LEDs amount	28		32		40		48	
Net weight [kg]	9,5		9,5		9,5		9,5	
A – luminaire length [mm]	710		751		832		917	
Unit volume [m ³]	0,063		0,063		0,063		0,063	
Windage [m ²]	0,047		0,05		0,055		0,06	

* due to the precision class of diodes tolerance is +/- 3%

- 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

Distribution curve for URSA II LED 84 3500K



Distribution curve for URSA II LED 84 5000K

