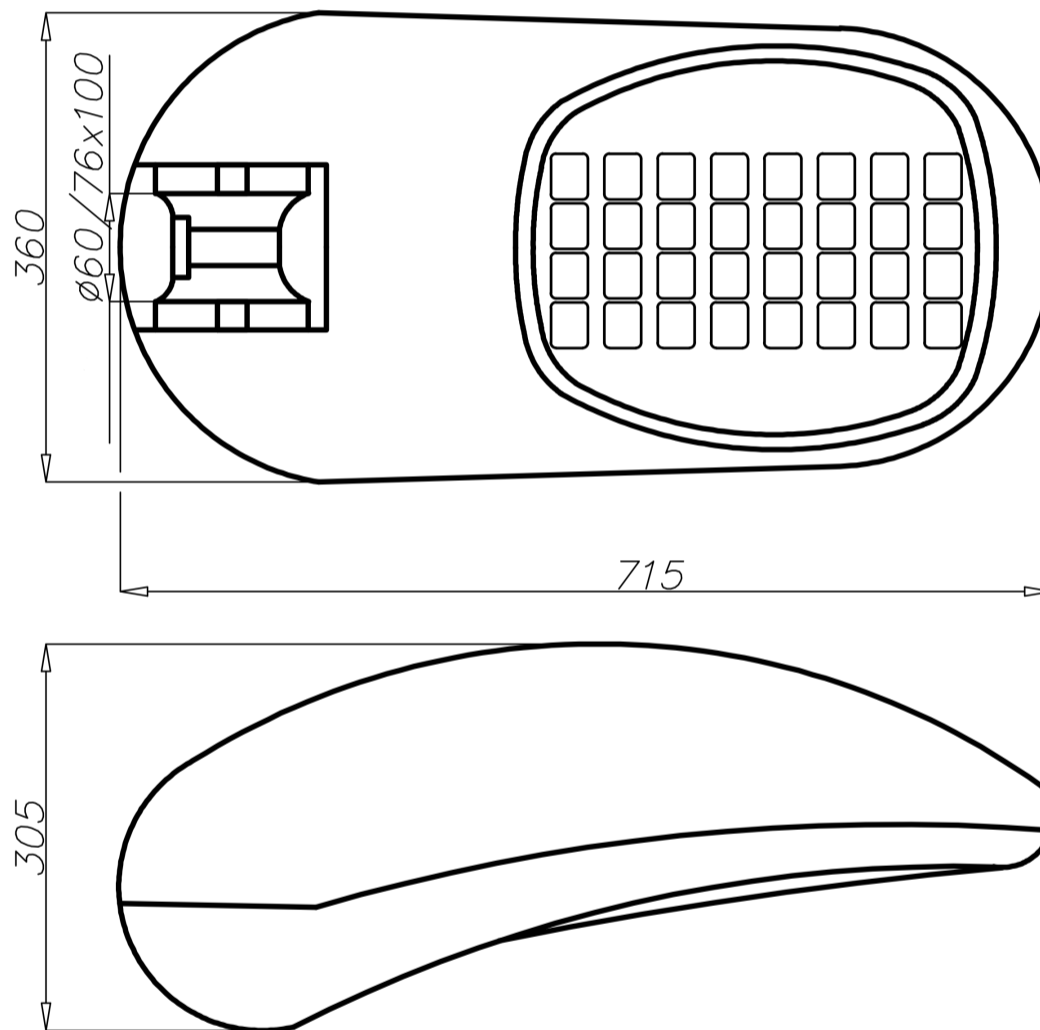




# LUNOIDA LED



## Characteristic

Ingress protection of optical system and driver	IP 66
Electrical class	II
Nominal input voltage	120 - 277 V AC
Frequency	50/60 Hz
Operating temperatures	-40°C to +40°C
Material <sup>1)</sup>	cast aluminium, paint coated
Colour	RAL 7038
Setup	pole top mounted Ø60 - Ø76x100, or on the extension arm; recommended mount height 8 to 10 m
Tilt angle	0° to 110° every 4,5°
Optical system	ROSA PMMA lens
LEDs type	CREE XM-L2
LEDs lifetime L90	>50 000h
Warranty	5 years

1) in Lunoida LED 60 housing cover made of plastic





# LUNOIDA LED



## Technical parameters

Type	LUNOIDA LED 60		LUNOIDA LED 72		LUNOIDA LED 84		LUNOIDA LED 96	
Code	220234/6	220234/3	220235/6	220235/3	220236/6	220236/3	220237/6	220237/3
Correlated colour temperature [K]	5 000	3 500	5 000	3 500	5 000	3 500	5 000	3 500
Color rendering index CRI	75 <sup>2)</sup>	>80	75 <sup>2)</sup>	>80	75 <sup>2)</sup>	>80	75 <sup>2)</sup>	>80
LEDs quantity	20		24		28		32	
Supply current [mA]	1 000							
LEDs power [W]	60		72		84		96	
LEDs luminous flux <sup>1)</sup> [lm]	8 700	7 100	10 500	8 500	12 200	9 950	13 950	11 350
Power consumption [W]	68		80		93		105	
Luminaire luminous flux <sup>1)</sup> [lm]	8 150	6 650	9 800	7 950	11 400	9 300	13 050	10 600
Luminaire efficacy [lm/W]	120	98	123	99	123	100	124	101
Weight [kg]	12		12		12		12	
Volume [m <sup>3</sup> ]	0,07		0,07		0,07		0,07	
Windage [m <sup>2</sup> ]	0,13		0,13		0,13		0,13	

- 1) including LEDs tolerance parameter accuracy +/- 3%  
 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

Distribution of LUNOIDA LED

