



Usurface Series

USK5.9

High Protection Fine Pitch

Product features:

- IP69K High Protection
- DVPS Energy Saving Design
- Front & Rear Maintenance
- 160°/140° Ultra-wide Viewing Angle

Cabinet Drawing

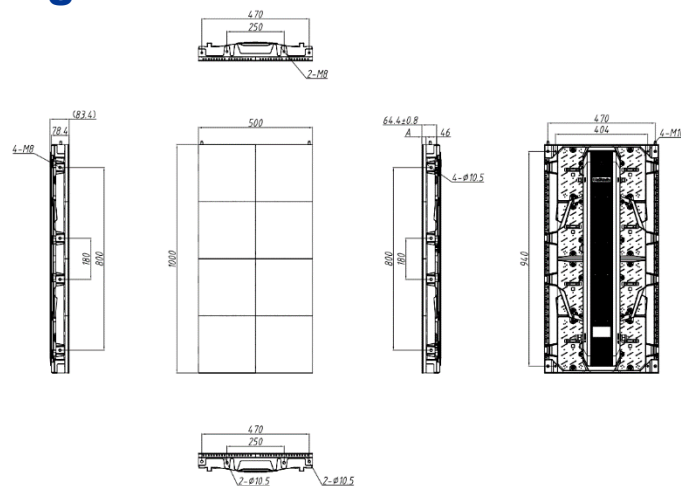


Figure 1 500*1,000mm Drawing of Cabinet

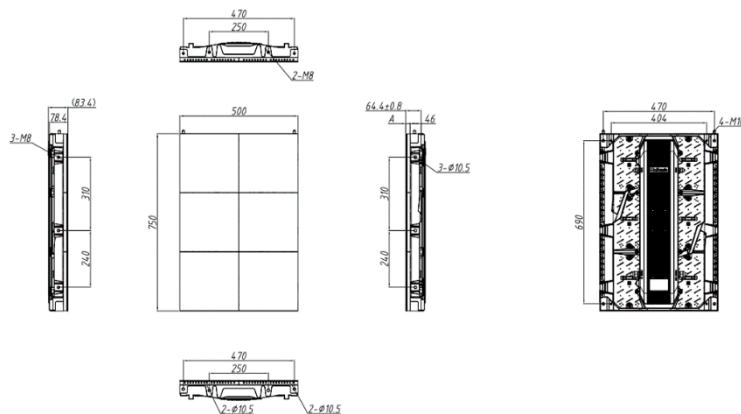


Figure 2 500*750mm Drawing of Cabinet

Specification parameters:

Specification	USK5.9	
Pixel Pitch	5.9 mm	
LED Type	SMD 1921	
Brightness	6,000 cd/m ²	
Pixel Density	28,224 pixels/m ²	
Pixels Per module	42×42 Dots	
Module Size	W250 mm×H250 mm	
Pixels Per Panel	84×168 Dots	84×126 Dots
Install Size	W500 mm×H1,000 mm×D64 mm	W500 mm×H750 mm×D64 mm
Panel Size	W500 mm×H1,000 mm×D83 mm	W500 mm×H750 mm×D83 mm
Weight	36 kg/m ²	38 kg/m ²
Maintenance	Front & Rear	
Ingress Protection	IP69K	
Aspect Ratio	1:2	2:3
Panel Area	0.5 m ²	0.375 m ²
Planeness	≤0.3 mm	
Recommended Viewing Distance	≥6 m	
Environment	Outdoor	
Material	Die-casting Aluminum	
Calibration	Support brightness and chroma	
Brightness Control	Manual/Automatic	
Color Temperature	2,000-9,500 K Adjustable	
Horizontal Viewing Angle	160°	
Vertical Viewing Angle	140°	
Contrast Ratio	6,000:1	

Input Power <Max>	580 W/m ²
Input Power <Typical>	193 W/m ²
Input Voltage	100~240V AC
Gray scale	14 bit
Refresh Rate	3,840 Hz
Video Frame Rate	50/60 Hz
Input Power Frequency	50~60 Hz
LED Life Time	100,000 Hours
Operating Temperature/Humidity	-20°C~+50°C/10~90%RH
Storage Temperature/Humidity	-30°C~+60°C/10~80%RH
Standard Mounting Configuration	Fixed

Note: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

1. Product pictures are for illustration only, the actual product effects (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.
2. The specification parameters are reference values. Part of the data comes from Unilumin's internal laboratory and is obtained under a specific test environment. In actual use, it may be slightly different due to product batch differences, configuration differences, software versions, use conditions and environmental factors. Actual usage shall prevail.