



## Usurface 8.3mm LED Tile

Pixel Pitch	8.3mm		
LED Configuration	1Red,1Green,1Blue		
LED Type	SMD2727		
Brightness(Uncalibrated/Calibrated)	8235cd/m <sup>2</sup> / 7000cd/m <sup>2</sup>		
Module Size	W400mm×H200mm		
Cabinet Size	1200×800×122	1200×1000×122	1200×1200×122
Weight	32 kg/panel	43 kg/panel	49 kg/panel
Area	0.96 m <sup>2</sup>	1.2 m <sup>2</sup>	1.44 m <sup>2</sup>
Pixels Per Panel	144 x 96	144 x 120	144 x 144
Aspect Ratio	3:2	6:5	1:1
Pixel Density	14,400 Pixels /m <sup>2</sup>		
Recommended Viewing Distance	8.3 m		
Material	Aluminum		
Environment	Outdoor		
Ingress Protection	IP65/IP54		
Operating Temperature/Humidity	-20C°~+50C°/10~90%RH		
Storage Temperature/Humidity	-30C°~+60C°/10~95%RH		
Calibration Support	luminance/chroma		
Chroma Uniformity	±0.003Cx,Cy		
Luminance Uniformity	≥98%		
Brightness control	Manual/Automatic		
Contrast ratio	3000:1		
Video frame rate	50/60Hz		
Rate refresh	1920Hz		
Input voltage/frequency	100-240VAC 47~63 Hz		
Input power <max> <typical>	660W/ m <sup>2</sup> 2205W/ m <sup>2</sup>		
Input signal	DVI/HDMI/VGA/SDI/DP/		
Lifetime	≥100,000 Hours		
LED Wavelength	R:620~630nm G:520~535nm B:465~475nm		
Driving Method	Constant Current		
Gray scale	16,384 levels per color		
Color	4.4 trillion		
Color Processing	14 bits		
Service method	Front and Rear		
Rigging	Fixed Frame		
Data interconnection	CAT5(L≤100m) MM fiber (L≤300m) SM fiber (L≤15km)		