



Unilumin

Usurface 10.0mm LED Tile

Pixel Pitch	10.0mm		
LED Configuration	1Red,1Green,1Blue		
LED Type	SMD3434		
Brightness(Uncalibrated/Calibrated)	8235cd/m ² / 7000cd/m ²		
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 ²	1.2 m ²	1.44 m ²
Pixels Per Panel	120 x 80	120 x 100	120 x 120
Aspect Ratio	3:2	6:5	1:1
Pixel Density	10,000 Pixels /m ²		
Recommended Viewing Distance	10 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>	650W/ m ² 215W/ m ²		
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)		