



UpanelS 1.2mm LED Tile

Parameter	Value
Pixel pitch	1.27mm
Pixel configuration	1R1G1B
LED type	3-in-1 SMD1010
Brightness	800 cd/m ²
Color temperature	2000-9500K Adjustable
Viewing angle	H: 160°; V:160°
Pixel density	620,001 pixels/m ²
Maintenance	Front Service/ADA Compliant
Recommended viewing distance	1.2 M
Weight	7.5 kg/panel
Module size	W304.96mm×H343.08mm×D41mm
Cabinet size	W609.92mm×H343.08mm×D71mm
Area	0.209 m ²
Material	Diecast Aluminum
Aspect ratio	16:9
Surface evenness	≤0.1mm
Operating Temperature/Humidity	-10°C~+45°C/10~80%RH
Storage Temperature/Humidity	-10°C~+55°C/10~80%RH
Pixels per panel	480 × 270
Pixel deviation	≤2.5%
Luminance uniformity	≥98%
Chroma uniformity	±0.0015 Cx, Cy
Brightness control	Manual/Automatic
Calibration support	Brightness and chroma
Contrast ratio	3000:1
Video frame rate	50/60 Hz
Rate refresh	3840 Hz
Input voltage	100-240VAC
Input power frequency	50/60 Hz
Input power <max>	150W/panel
Input power <typical>	50W/panel
Product Lifetime	≥100,000 Hours
LED Wavelength	R:620~630nm G:520~535nm B:465~475nm
Driving Method	1/27 scan, Constant Current Drive
Input signal	DVI/HDMI/VGA/SDI/DP/
Rigging	Stacking/Wall Mount
Data interconnection	CAT5(L≤100m) MM fiber (L≤300m) SM fiber (L≤15km)