

Vivid Series

The Vivid Series is our ultimate UHD LED panel designed for direct-to-wall or surface mounting. With advanced pixel pitch technology and seamless panel integration, it delivers ultra-high-definition visuals with precision. Its slim, lightweight frame enables easy installation, while energy-efficient performance ensures long-term reliability.



Supporting resolutions up to 8K, it's the perfect choice for high-end retail, corporate settings, broadcast studios, and luxury venues.

Vivid Series is available in the following pixel pitches:

© 0.78mm, 0.937mm, 1.25mm, 1.56mm, 1.87mm, 2.34mm

16:9 ASPECT RATIO

- > Optimized for 1080p, 2K, 4K, and 8K displays
- Outstanding display performance

FAST INSTALLATION AND EASY MAINTENANCE

- > Slim (45mm) and lightweight (6.3kg/panel) design
- > Fully front-accessible with wall mounting support

UNMATCHED COLOR UNIFORMITY

- Unique color calibration process
- Tight LED wavelength binning
- Deep black levels with a contrast ratio of 4000:1

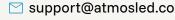
HIGH FLATNESS AND GOOD CONSISTENCY

Precision cabinet and module design ensure uniform flatness

Atmos LED



atmosled.co







Vivid Series Specifications

MODEL	0.78	0.93	1.2	1.5	1.8	2.3
Physical Pitch	0.78mm	0.93mm	1.25mm	1.56mm	1.87mm	2.34mm
Pixel Configuration	СОВ	СОВ	SMD1010	SMD1010	SMD1515	SMD2121
Pixel Density	1643655px/m ²	11138489px/m ²	648000px/m ²	410881px/m ²	286225px/m ²	182329px/m ²
Module Dimension(WxH)		x6.64" 8.75mm)	11.81"x6.64" (300x168.75mm)			
Panel Dimension(WxHxD)	23.62"x13.29" (600x337.5mm)					
No. of Module/panel(WxH)	4x2	4x2	2x2	2x2	2x2	2x2
Module Resolution	192x216px	160x180px	240x135px	192x108px	160x90px	128x72px
Panel Resolution	768x431px	640x360px	480x270px	384x216px	320x180px	256x144px
Panel Material	Die-casting Aluminum					
Panel Weight	13.89 lbs (6.3kg)					
Gray Scale	16bit					
Contrast Ratio	4000:1					
Avg. Power Consumption	<300w/m²					
Max. Power Consumption	<600w/m²					
Operating Temp/Humidity	14°F to 140°F (-10°C to 60°C) / 10% - 60%					
Storage Temp/Humidity	-22°F to 140°F (-30°C to 60°C) / 10% - 60%					
Refresh Rate	7680hz					
Brightness	600~800nits					
Viewing Angle(H/V)	160°/140°					
Expected Lifetime	100,000hrs					
Max. Stacking/Hanging	20/10					
Service	Front					
IP Rating(Front/Rear)	IP40/IP21					
Certification	CCC, CE, ETL, RoHS					