

# Leyard TVF Series TVF2.5 HB

## High Brightness Front-Access LED Video Wall

The Leyard® TVF2.5 HB is an affordable fine pitch high brightness LED video wall display in a 2.5 millimeter pixel pitch. With a slim profile and 27" display, Leyard TVF Series features front serviceability and a creative stackable design that eliminates cabinet-to-cabinet cabling and reduces complexity of installation and vertical alignment. TVF 2.5 HB has hot swappable LED Modules. Therefore, exchanging a module will cost less than 30 seconds.



SPECIFICATION	DETAIL
Pixel Configuration	SMD 3 IN 1
Pixel Pitch (mm)	2.5
Module Resolution (W×H)	120×68
Module Size (mm)	302.4×170.1
Module Weight (kg)	0.52
Module Configuration (W×H)	2×2
Cabinet Resolution (W×H)	240×136
Cabinet Size (mm) (W×H×D)	604.8×340.2×72.5
Cabinet Area (m <sup>2</sup> )	0.2058
Weight (kg/m <sup>2</sup> )	26
Pixel Density (dot/m <sup>2</sup> )	158637
Flatness (mm)	≤0.5
Brightness Calibration with Pixel by pixel	yes
Color Calibration with Pixel by pixel	yes
White Balance Brightness (nits)	1200~1500
Color Temperature (K)	3000—10000 adjustable
Horizontal Viewing Angle (°)	160
Vertical Viewing Angle (°)	140
Light Centre Distance Deviation	<3%
Brightness Uniformity	≥97%
Color Uniformity	±0.003Cx,Cy within

<b>Contrast Ratio</b>	3000:1
<b>Max Power Consumption (W/m<sup>2</sup>)</b>	900
<b>Average Power Consumption (W/m<sup>2</sup>)</b>	300
<b>Power Supply</b>	AC100~240V (50/60Hz)
<b>Driving Mode</b>	Constant Current Drive
<b>Reframe Rate (Hz)</b>	50&60
<b>Refresh Rate (Hz)</b>	3000
<b>Lifetime (half brightness) (Hrs)</b>	50,000
<b>Operation Temperature Range (°C)</b>	-10 -- 40
<b>Storage Temperature Range (°C)</b>	-20 -- 60
<b>Operation Humidity Range (RH)</b>	10 -- 80% no condensation
<b>Storage Humidity Range (RH)</b>	10 -- 85% no condensation