

Leyard TVF Series TVF4.0 HB

High Brightness Front-Access
LED Video Wall

The Leyard® TVF4.0 HB is an affordable fine pitch high brightness LED video wall display in a 4.0 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 4.0 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)	4.0
Module Resolution (W×H)	75×42
Module Size (mm)	302.4×170.1
Module Weight (kg)	0.52
Module Configuration (W×H)	2×2
Cabinet Resolution (W×H)	150×84
Cabinet Size (mm) (W×H×D)	604.8×340.2×72.5
Cabinet Area (m ²)	0.2058
Weight (kg/m ²)	36
Pixel Density (dot/m ²)	61256
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

Contrast Ratio	3000:1
Max Power Consumption (W/m²)	900
Average Power Consumption (W/m²)	300
Power Supply	AC100~240V (50/60Hz)
Driving Mode	Constant Current Drive
Reframe Rate (Hz)	50&60
Refresh Rate (Hz)	3000
Lifetime (half brightness) (Hrs)	50,000
Operation Temperature Range (°C)	-10 - 40
Storage Temperature Range (°C)	-20 - 60
Operation Humidity Range (RH)	10 - 80% no condensation
Storage Humidity Range (RH)	10 - 85% no condensation