



Leyard VHC Series

Indoor LED Video Walls



- ▶ Available in, 1.2, 1.5, 1.8 and 2.5mm pixel pitches
- ▶ HDR-ready, wide color gamut, high gray depth
- ▶ Full front maintenance
- ▶ Lightweight die-cast aluminum cabinet
- ▶ 100,000 h lifetime, industrial-grade build
- ▶ Transportation, Corporate, Retail, Public Spaces
- ▶ Made in Europe

Cabinet Model	VHC27F012	VHC27F015	VHC27F018	VHC27F025
Pixel Configuration	SMD1010	SMD1212	SMD1515	SMD2121
Pitch (mm)	1.25	1.5625	1.875	2.5
Module Resolution (WxH)	240 x 270	192 x 216	160 x 180	120 x 135
Module Size (mm)(WxHxD)	300 x 337.5 x 13			
Module Weight (Kg)	0.95			
Module Composition (WxH)	2 x 1			
Cabinet Resolution (WxH)	480 x 270	384 x 216	320 x 180	240 x 135
Cabinet Size (mm)(WxHxD)	600 x 337.5 x 72			
Unit Area (m ²)	0.2025			
Cabinet Weight (kg/cabinet)	6.5	6.5	6.5	6.5
Pixel Density (pixel/m ²)	640,000	409,600	284,089	160,000
Surface Flatness (mm)	≤0.3			
Brightness Calibration	Yes			
Colour Calibration	Yes			
Brightness (nits)	600			
Colour Temperature (K)	3,200 - 9,300, Adjustable			
Horizontal Viewing Angle (°)	160			
Vertical Viewing Angle (°)	150			
Deviation of LED Luminance Centre	<3%			
Brightness Uniformity	≥97%			
Chromaticity Uniformity	Within ±0.003Cx,Cy			
Contrast Ratio	5000:1			
Processing	14 (HDR10, HDR10 Pro)			
Max Power Consumption (W/m ²)	580	530	510	460
Average Power Consumption (W/m ²)	255	225	205	180
Power Supply	AC100 ~ 240V (50/60Hz)			
Drive Mode	Constant current drive			
Scanning Mode	60s	54s	60s	56s
Frame Rate (Hz)	50&60			
Refresh Rate (Hz)	3840			
Lifetime (hrs)	100,000			
Operation Temperature (°C)	-20°C to 40°C			
Storage Temperature (°C)	-40°C to 60°C			
Operation Humidity (RH)	10 ~ 80% no condensation			
Storage Humidity (RH)	10 ~ 85% no condensation			
Certification	CE, FCC, cTUVus, CB, KC, CCC, EMC Class A			
Certification (Fire Protection)	EN 13501-1			