

# Leyard TVF1.8

## LED Video Wall

The Leyard® TVF1.8 is a low-cost, fine pitch LED video wall display in a 1.8 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.



SPECIFICATION	DETAIL
<b>Product Name</b>	TVF1.8
<b>Part Number</b>	TVF1.8
<b>Pixel Pitch</b>	1.89mm
<b>LED Type</b>	Commercial grade 3-in-1 Black SMD
<b>Cabinet Resolution</b>	320 x 180
<b>LEDs per Cabinet</b>	57600
<b>Pixel Density</b>	279947/sq m   26008/sq ft
<b>Cabinet Size (W x H x D)</b>	604.8 x 340.2 x 72.5mm   23.81 x 13.39 x 2.85in
<b>Flatness</b>	0.5mm
<b>Cabinet Diagonal</b>	693.9mm   27.32in
<b>Cabinet Area</b>	0.2058/sq m   2.211/sq ft
<b>Modules/Cabinet (W x H)</b>	2 x 2
<b>Module Resolution</b>	160 x 90
<b>LEDs per Module</b>	14400
<b>Module Size (W x H)</b>	302.4 x 170.1mm   11.9 x 6.7in
<b>Power Consumption, Maximum (watts)</b>	180/Cabinet   874/sq m
<b>Power Consumption, Typical (watts)</b>	54/Cabinet   262/sq m
<b>Line Voltage</b>	100~240V AC, 50/60Hz
<b>Cabinet Weight (per display)</b>	5.2kg   11.46lb
<b>Cabinet Weight (per m<sup>2</sup>)</b>	26kg   57.32lb

<b>Brightness Max, Calibration On (cd/sq)</b>	600
<b>Contrast Ratio</b>	7000:1
<b>Brightness Uniformity</b>	97%
<b>Color Uniformity</b>	97%
<b>LED Refresh Rate</b>	3000
<b>Color Temperature, Adjustable (k)</b>	3000 - 10000
<b>Viewing Angle, Horizontal</b>	160°
<b>Viewing Angle, Vertical</b>	140°
<b>Video Inputs</b>	1x DVI, 1x HDMI, HDCP Compliant
<b>Video Input Resolution Maximum</b>	1920 x 1200 @ 60Hz (per controller)
<b>Frame Rate</b>	50, 60Hz
<b>Control Input Type</b>	USB
<b>Gray Scale Processing</b>	16-bit
<b>Service Access</b>	Front, Rear
<b>Runtime Duty Cycle (Hours/Day)</b>	24/7
<b>LED Lifetime, Typical</b>	100000hrs
<b>Environment</b>	Indoor
<b>Power Supply</b>	Single   Redundant
<b>Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing</b>	-20° to 60° C   -4° to 140° F
<b>Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing</b>	-10° to 40° C   -14° to 104° F

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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