



# Planar TVF1.8

## LED Video Wall

The Planar® TVF1.8 is an affordable fine pitch LED video wall display in a 1.8 millimeter pixel pitch. With a slim profile and 27” display, Planar 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
Product Name	TVF1.8
Part Number	TVF1.8
Pixel Pitch	1.89mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	320 x 180
LEDs per Cabinet	57600
Pixel Density	279947/sq m   26008/sq ft
Cabinet Size (W x H x D)	604.8 x 340.2 x 72.5mm   23.81 x 13.39 x 2.85in
Flatness	≤0.5mm
Cabinet Diagonal	693.9mm   27.32in
Cabinet Area	0.2058/sq m   2.211/sq ft
Modules/Cabinet (W x H)	2 x 2
Module Resolution	160 x 90
LEDs per Module	14400
Module Size (W x H)	302.4 x 170.1mm   11.9 x 6.7in
Power Consumption, Maximum (watts)	130/Cabinet   632/sq m
Power Consumption, Typical (watts)	43/Cabinet   209/sq m

Line Voltage	100~240V AC, 50/60Hz
Cabinet Weight (per display)	6.94kg   15.3lb
Cabinet Weight (per m <sup>2</sup> )	26kg   57.32lb
Brightness Max, Calibration On (cd/sq)	600
Contrast Ratio	7000:1
Brightness Uniformity	≥97%
Color Uniformity	≥97%
Color Gamut	>93% DCI-P3
LED Refresh Rate	3000
Color Temperature, Adjustable (k)	3000 - 10000
Viewing Angle, Horizontal	160°
Viewing Angle, Vertical	140°
Video Inputs	1x DVI, 1x HDMI, HDCP Compliant
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
Video Input Resolution Maximum	1920 x 1200 @ 60Hz (per controller)
HDR Support	Optional
Frame Rate	50, 60Hz
Control Input Type	USB
Gray Scale Processing	16-bit
Service Access	Front, Rear
Runtime Duty Cycle (Hours/Day)	24/7
LED Lifetime (Half Brightness)	100,000 hrs
Environment	Indoor
Power Supply	Single   Redundant
Storage Temperature/Humidity (degrees F/C) 10-85% relative	-20° to 60° C   -4° to 140° F

humidity, non-condensing	
Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing	-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.*

*Specification Report Date: 5/10/2024*

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