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 × 340.2 × 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 × 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 m²)	26kg | 57.32lb
Brightness Max, Calibration On (cd/sq)	600

Contrast Ratio	7000:1
Brightness Uniformity	97%
Color Uniformity	97%
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
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, Typical	100000hrs
Environment	Indoor
Power Supply	Single | Redundant
Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20° to 60° C | -4° to 140° F
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

Specifications are subject to change without notice.

Specification Report Date: 11/30/2021

© Copyright 2021 Planar Systems, Inc. All rights reserved