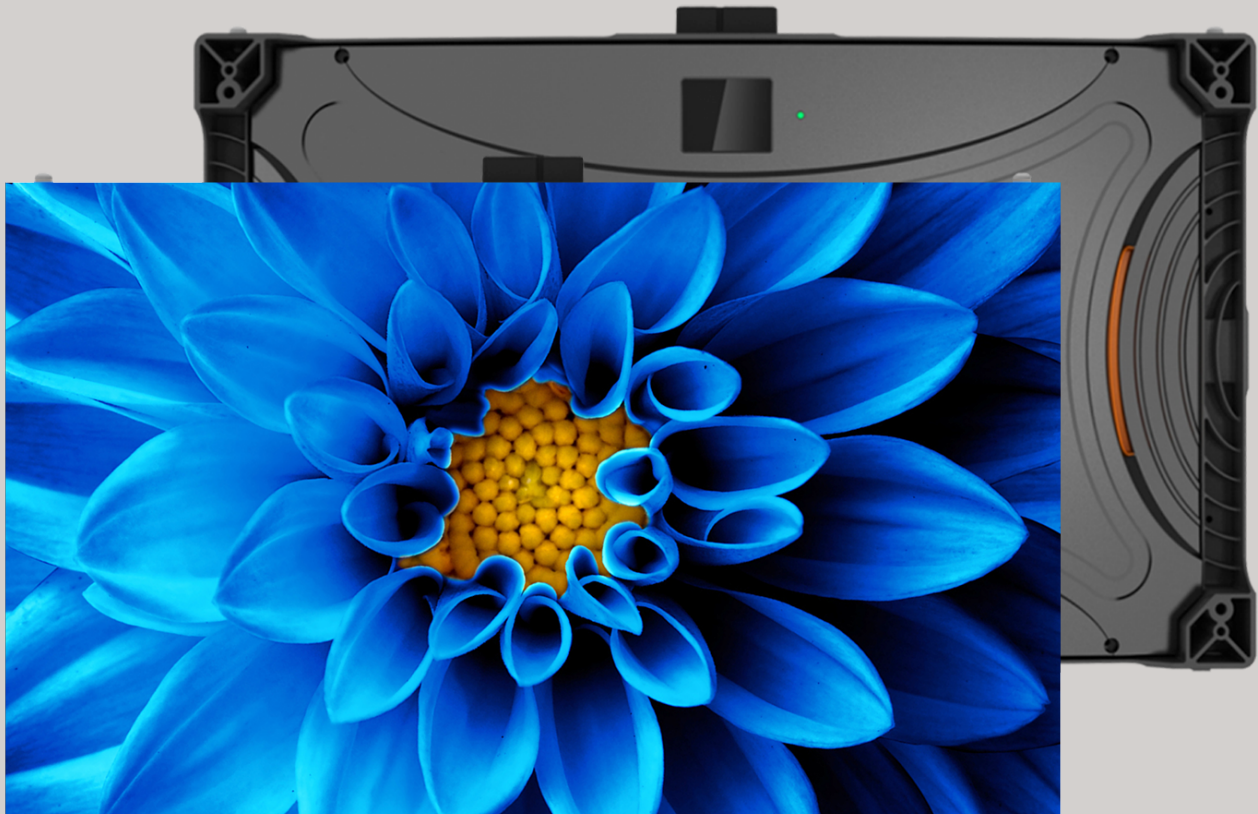




# Planar TVF Series LED Video Wall Displays



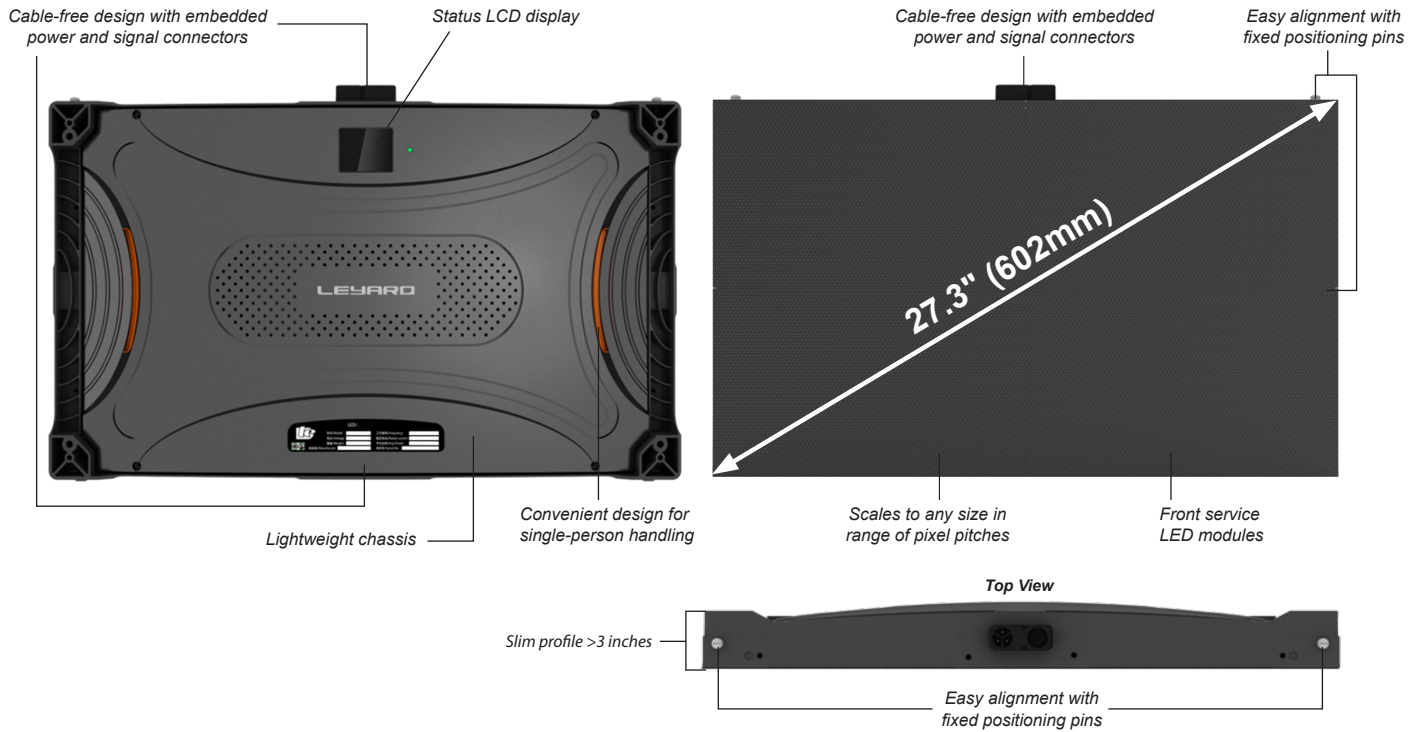
## Stackable LED Video Walls

The Planar® TVF Series is a family of fine pitch LED video wall displays from the worldwide leader in fine pitch LED video walls. Available in 1.2, 1.5, 1.8 and 2.5 millimeter pixel pitches, the Planar TVF Series gives new meaning to multi-functionality and quick installation by offering front serviceability and a creative stackable design that eliminates cabinet-to-cabinet cabling and reduces complexity of installation and vertical alignment.

Each Planar TVF Series display includes embedded power and signal connectors that remove cabinet cabling clutter and offers improved vertical cabinet-to-cabinet alignment, making the process of building an LED video wall cleaner and quicker. With a narrow profile and 27" display cabinet, the Planar TVF Series delivers 24x7 operation and can easily run with a video wall processor.

# Engineered to Fit More Applications

Planar TVF Series was developed with a focus on building a product to advance how flexibility is delivered. With smart features that work together to deliver a LED video wall solution with installation, simplified use and applicable for more environments, the Planar TVF Series provides a high quality display for the most demanding applications.



## Full Size Display with Less Space Consumption

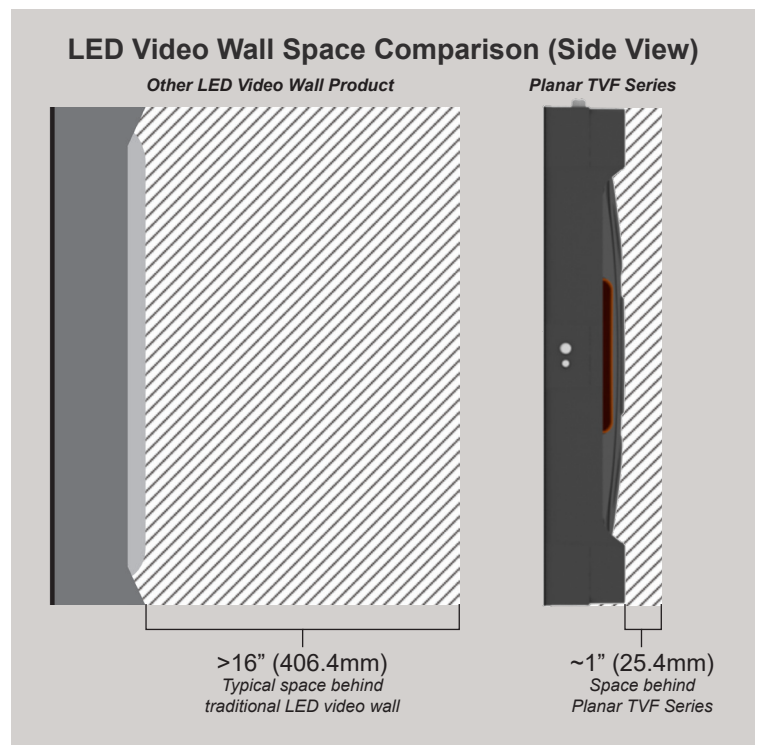
The Planar TVF Series is engineered with key features that not only reduce the overall space needed to deploy a video wall, but the streamlined design of Planar TVF Series makes it easier to fit in more spaces while not consuming a large footprint.

### Front Serviceable

Planar TVF Series cabinets feature a slim profile of less than three inches as well as full front installation and serviceability that drastically reduces the overall video wall footprint and servicing space needed, compared to typical space requirements of other LED video wall solutions.

### Cableless & Stackable

The Planar TVF Series' stackable design incorporates a cableless connection between cabinets, eliminating the need for extra space often required for cabling and personnel to reach the back of cabinets with traditional rear access LED video wall solutions.



# A Stackable Design for Simple Installation

The Planar TVF Series is designed to ensure perfect LED video walls with a stackable, cableless design. Similar to building blocks, Planar TVF Series video walls are assembled by stacking cabinets together. With a single-step process, Planar TVF Series cabinets connect power and signage down through the column of cabinets.

Additionally, the connection points and two alignment pins located on each cabinet assist in vertically aligning cabinets together, further reducing installation time needed to build an LED video wall.



## 16:9 Aspect Ratio for Popular Resolutions

The Planar TVF Series features a 16:9 aspect ratio that allows every pixel pitch to exactly achieve popular resolutions including Full HD, 4K and can also be configured in any video wall configuration to meet the widest range of application requirements.

Resolution	2.0ft / 0.6m	4.0ft / 1.2m	6.0ft / 1.8m	7.9ft / 2.4m	9.9ft / 3.0m	11.9ft / 3.6m	14.0ft / 4.2m	15.9ft / 4.8m	17.9ft / 5.4m	19.8ft / 6.0m	21.8ft / 6.7m	23.8ft / 7.3m
13.4ft / 4.1m												
12.2ft / 3.7m												
11.2ft / 3.4m												
10.1ft / 3.1m												
8.9ft / 2.7m												
7.8ft / 2.4m												
6.7ft / 2.0m												
5.6ft / 1.7m												
4.5ft / 1.4m												
3.4ft / 1.0m												
2.2ft / 0.7m												
1.1ft / 0.3m												

Models	1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8	9 x 9	10 x 10	11 x 11	12 x 12
TVF1.2	480 x 270	960 x 540	1440 x 810	1920 x 1080	2400 x 1350	2880 x 1620	3360 x 1890	3840 x 2160	4320 x 2430	4800 x 2700	5280 x 2970	5760 x 3240
TVF1.5	384 x 216	768 x 432	1152 x 648	1536 x 864	1920 x 1080	2304 x 1296	2688 x 1512	3072 x 1728	3456 x 1944	3840 x 2160	4224 x 2376	4608 x 2592
TVF1.8	320 x 180	640 x 360	960 x 540	1280 x 720	1600 x 900	1920 x 1080	2240 x 1260	2560 x 1440	2880 x 1620	3200 x 1800	3520 x 1980	3840 x 2160
TVF2.5	240 x 136	480 x 272	720 x 408	960 x 544	1200 x 680	1440 x 816	1680 x 952	1920 x 1088	2160 x 1224	2400 x 1360	2640 x 1496	2880 x 1632

Video Wall Sizes												
Area	0.21sqm	0.82sqm	1.85sqm	3.29sqm	5.14sqm	7.41sqm	10.08sqm	13.17sqm	16.67sqm	20.58sqm	24.90sqm	29.63sqm
Diagonal	27"	55"	82"	109"	137"	164"	191"	219"	246"	273"	301"	328"

**Full HD** 1920 x 1080

**4K** 3840 x 2160

## PLANAR TVF SERIES SPECIFICATIONS

Model	Planar TVF1.2	Planar TVF1.5	Planar TVF1.8	Planar TVF2.5
Pixel Pitch	1.26mm	1.575mm	1.89mm	2.52mm
LED Type	Commercial grade 3-in-1 Black SMD			
Resolution	480 x 270	384 x 216	320 x 180	240 x 136
LEDs per Cabinet	129600	82944	57600	32640
Pixel Density	629882/sq m   58518/sq ft	403124/sq m   37451/sq ft	279947/sq m   26008/sq ft	158637/sq m   14738/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			
Power Consumption, Maximum (watts)	180/Cabinet   874/sq m Standard			
Power Consumption, Typical (watts)	54/Cabinet   262/sq m Standard			
Line Voltage	100~240V AC, 50/60Hz			
Cabinet Weight (per display)	6.94kg   15.3lbs			
Brightness Max, Calibration On (cd/sq)	600			
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)			
Frame Rate	50, 60Hz			
Control Input Type	USB			
Gray Scale Processing	16-bit			
Service Access	Front, Rear			
LED Lifetime, Typical	100000hrs			
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			

Visit [www.Planar.com](http://www.Planar.com) for full list of product specifications.