



## Planar TVF Series

### LED Video Wall Displays

- ▶ *0.9, 1.2, 1.5, 1.8 & 2.5mm pixel pitches*
- ▶ *24x7 mission-critical reliability*
- ▶ *Slim mounted profile less than 3"*
- ▶ *Lifetime warranty*



Built for beauty and always-on use, the award-winning Planar<sup>®</sup> TVF Series provides visual excellence for every application with fine pixel pitches from 0.9 to 2.5 millimeters. Its front service, cableless, building-block style design gives new meaning to multi-functionality and reduces the complexity of installation and vertical alignment. Planar TVF Series is TAA Compliant and includes the unmatched Planar<sup>®</sup> EverCare<sup>™</sup> Lifetime Limited Warranty.

## Mainstream Mastery

With its incredible visual performance and convenient design, Planar TVF Series has become our most popular LED video wall, with thousands of installations across the globe. The line has been recognized with many industry awards and has become a go-to video wall solution for many applications from government and higher education to business and digital signage.





## Always-On Reliability

Planar TVF Series displays are designed for mission-critical environments where displays need to withstand extended or continuous operation day and night. Control rooms, hospitals and other applications that can't afford downtime benefit from exceptional performance 24x7.



## Shaped for Cinema & HDR Ready

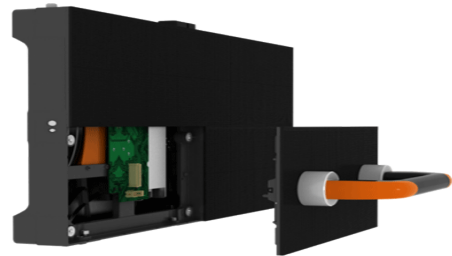
The displays' 16:9 aspect ratio is ideal for movies, live sports, presentations and other common content delivered with popular Full HD, 4K or even 8K resolution.

Displays are ready for High Dynamic Range content, maximizing the image quality of each pixel for brighter whites, darker blacks and more true-to-life colors.



## Stackable Design

Video walls have no cabinet-to-cabinet cabling and are assembled by stacking cabinets vertically using embedded power and signal connectors. Connection points and two alignment pins located on each cabinet assist in vertical positioning. The top-side power connection is retractable and there is a secondary connection point in the handle, so nothing shows, even without trim.



## Front Service for Accessibility

Planar TVF Series offers convenient front-side installation and service that shrinks the overall video wall footprint and servicing space behind the wall. Front service access makes it simpler to fit in more spaces than rear-service LED video wall solutions. The slim profile is less than 3", meeting the requirements of the Americans with Disabilities Act (ADA) Standards for Accessible Design.



## Lifetime Protection

Planar TVF Series is protected by the Planar® EverCare™ Lifetime Limited Warranty which covers the whole display, everything from the sub-pixels to the video controller, for as long as it is used in a fixed location.



## Made for America

Organizations that prefer to use products that have been manufactured in the United States or countries designated in the U.S. Trade Agreements Act (TAA) need look no further. Planar TVF Series is TAA Compliant.

# Off-the-Shelf Video Walls

Planar TVF Complete™ Full HD, Double Full HD or 4K LED video wall displays reduce deployment time and complexity. Simply choose the diagonal size that best suits the environment and application, and receive everything in one complete, no-hassle solution.

## INCLUDED

- LED Display Cabinets
- Planar® WallDirector™ Video Controller
- Wall Mounts & Trim
- Remote Control
- Cables
- Spare Modules



## Configure a Video Wall

If none of the Planar TVF Complete video wall displays is quite right, custom sizes, shapes and resolutions of Planar TVF Series are available.

With precise pixel pitch values and cabinets featuring a 16:9 aspect ratio, all models can achieve popular resolutions.

Design a video wall at [www.planar.com/calculator](http://www.planar.com/calculator)



**Full HD** 1920 x 1080      **4K** 3840 x 2160      **8K** 7680 x 4320

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
<b>TVF0.9</b>	640 x 360	1280 x 720	1920 x 1080	2560 x 1440	3200 x 1800	3840 x 2160	4480 x 2520	5120 x 2880	5760 x 3240	6400 x 3600	7040 x 3960	7680 x 4320
<b>TVF1.2</b>	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
<b>TVF1.5</b>	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
<b>TVF1.8</b>	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
<b>TVF2.5</b>	240 x 136	480 x 272	720 x 408	960 x 544	1200 x 680	1440 x 816	1680 x 952	1920 x 1080	2160 x 1224	2400 x 1360	2640 x 1496	2880 x 1632

Video Wall Sizes												
<b>Area (sq m)</b>	0.21	0.82	1.85	3.29	5.14	7.41	10.08	13.17	16.67	20.58	24.90	29.63
<b>Diagonal</b>	27"	55"	82"	109"	137"	164"	191"	219"	246"	273"	301"	328"
<b>Feet/Meters</b>	1.1 x 2.0ft 0.3 x 0.6m	2.2 x 4.0ft 0.7 x 1.2m	3.4 x 6.0ft 1.0 x 1.8m	4.5 x 7.9ft 1.4 x 2.4m	5.6 x 9.9ft 1.7 x 3.0m	6.9 x 11.7ft 3.6 x 2.0m	7.8 x 14.0ft 2.4 x 4.2m	8.9 x 15.9ft 2.7 x 4.8m	10.1 x 17.9ft 3.1 x 5.4m	11.2 x 19.8ft 3.4 x 6.0m	12.2 x 21.8ft 3.7 x 6.7m	13.4 x 23.8ft 4.1 x 7.3m

# Specifications

Model	Planar TVF0.9	Planar TVF1.2	Planar TVF1.5	Planar TVF1.8	Planar TVF2.5
<b>Pixel Pitch</b>	0.945mm	1.26mm	1.58mm	1.89mm	2.52mm
<b>LED Type</b>	Commercial grade 3-in-1 Black SMD				
<b>Resolution</b>	640 x 360	480 x 270	384 x 216	320 x 180	240 x 136
<b>LEDs per Cabinet</b>	230,400	129,600	82,944	57,600	32,640
<b>Pixel Density</b>	1,119,789/sq m   10,4032/sq ft	629,882/sq m   58,518/sq ft	403,124/sq m   37,451/sq ft	279,947/sq m   26,008/sq ft	158,637/sq m   14,738/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>Power Consumption, Max (watts)</b>	140/Cabinet   680/Sq m Standard		130/Cabinet   680/Sq m Standard		
<b>Power Consumption, Typical (watts)</b>	50/Cabinet   243/Sq m Standard		43/Cabinet   209/Sq m Standard		
<b>Line Voltage</b>	100~240V AC, 50/60Hz				
<b>Cabinet Weight</b>	6.94kg   15.3lbs				
<b>Brightness Max, Calibration On</b>	600cd/sq				
<b>Brightness Uniformity</b>	97%				
<b>Color Uniformity</b>	97%				
<b>LED Refresh Rate</b>	3,000				
<b>Color Temperature, Adjustable (k)</b>	3,000 - 1,000				
<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>LED Lifetime, Typical</b>	100,000hrs				
<b>Storage Temperature/Humidity</b> (degrees F/C) 10-85% relative humidity non-condensing	-20° to 60° C   -4° to 140° F				
<b>Operating Temperature/Humidity</b> (degrees F/C) 10-85% relative humidity non-condensing	-10° to 40° C   -14° to 104° F				
<b>Warranty</b>	Planar EverCare Lifetim Limited Warranty (North America)				

**Planar TVF Series specification assumes standard S6F video controller. Visit [www.planar.com](http://www.planar.com) for full list of product specifications.**