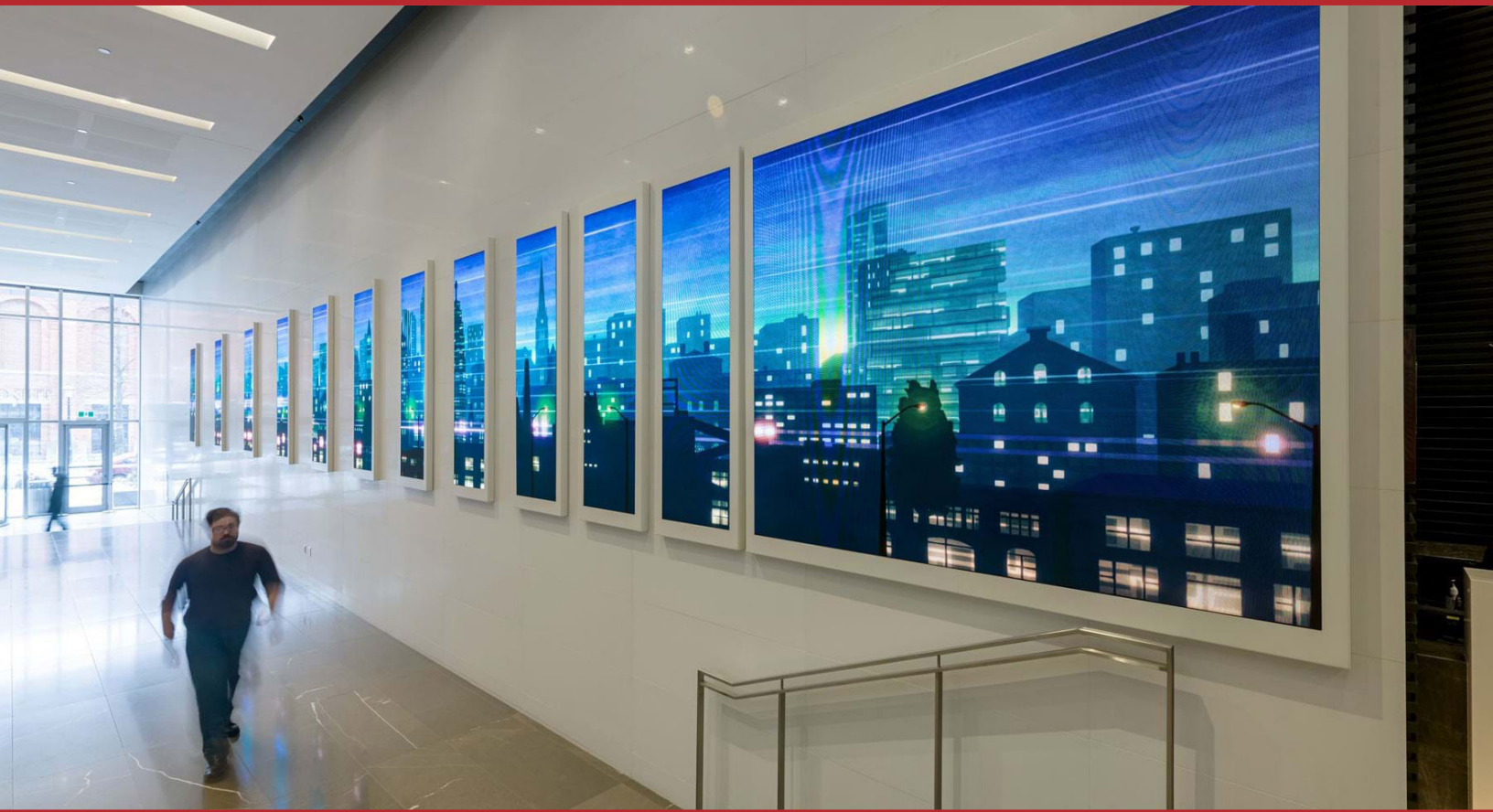




Planar TVF Series LED Video Wall Displays



Stackable LED Video Walls

The Planar® TVF Series of fine pitch LED video wall displays maximize quick installation and maintenance through an innovative stackable design and front serviceability. Available in 0.9, 1.2, 1.5, 1.8 and 2.5 millimeter pixel pitches, the 16:9 aspect ratio Planar TVF Series looks excellent from as close as nine feet, and is designed for content with popular resolutions like 1080p Full HD and 4K.

Each Planar TVF Series display includes embedded power and signal connectors that eliminates cabinet-to-cabinet cabling and improves vertical alignment.

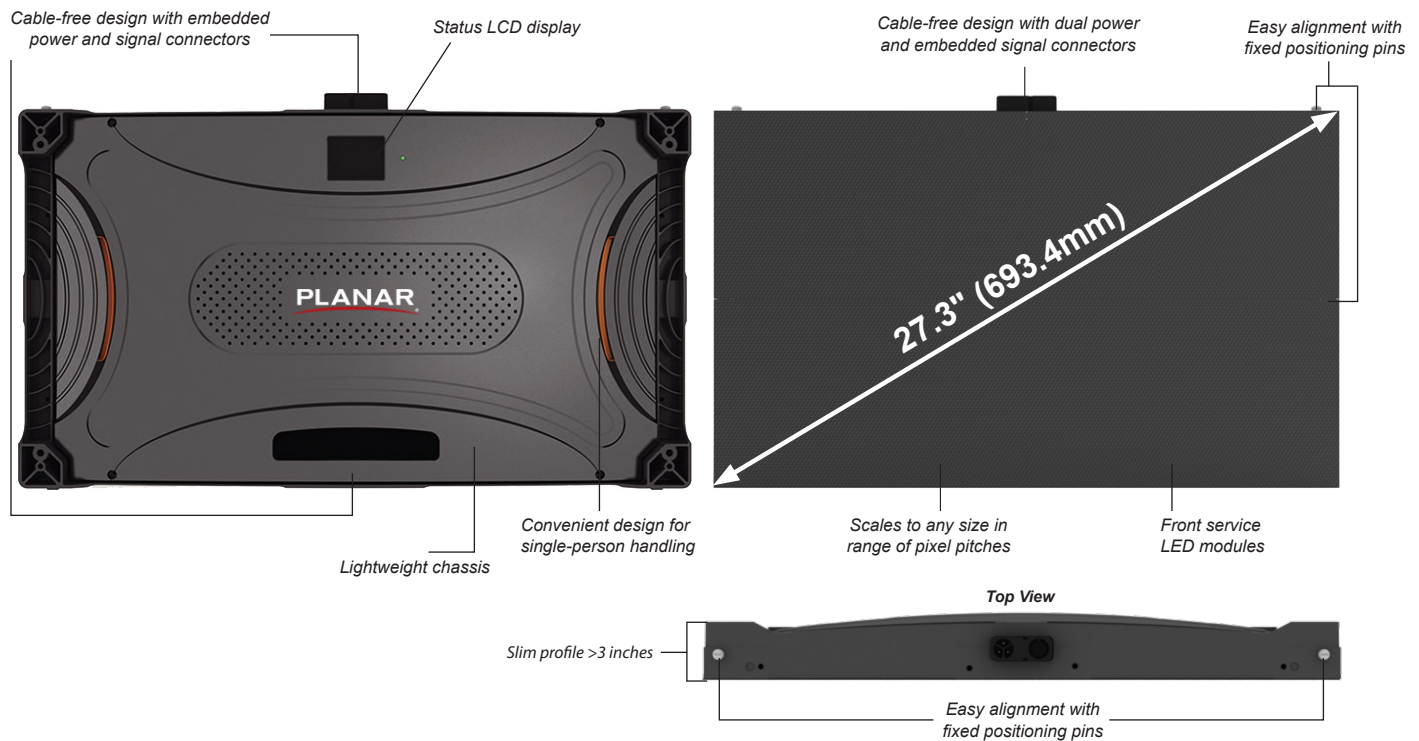
Lifetime Warranty

In North America Planar TVF Series comes with the Planar® EverCare™ Lifetime Limited Warranty which offers complete product coverage for as long as the video wall is used in a fixed location. Planar EverCare covers the entire product from controller to sub-pixel, including every component in between.



Maximizing Space to Fit More Applications

Planar TVF Series' 27-inch cabinets, slim profile of less than three inches, and full front serviceability drastically reduce the overall video wall footprint and servicing space needed, compared to other LED video wall solutions. These features paired with its design for 24x7 operation make Planar TVF Series more flexible for use in the most demanding environments, even those with limited space



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 signal down through the column of cabinets. The top-side power connection is retractable and there is a secondary connection point in the handle, so nothing shows, even without trim.

Additionally, the connection points and two alignment pins located on each cabinet assist in vertically aligning cabinets



Excellence in Visual Performance

With fine pixel pitches ranging from 0.9 to 2.5 millimeters, Planar TVF series offers high resolution viewing experiences ideal for digital signage, conference rooms and control rooms that require detailed content and up-close viewing.

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 8K. It can also be deployed in any video wall configuration to meet a wide range of application requirements.



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
TVF0.9	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
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"
Feet/Meters	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	6.7 x 11.9ft 2.0 x 3.6m	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

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

Video Wall Control Options

Planar TVF Series is available with several video control options including the Planar® WallDirector™ Video Controller (VC), a compact and scalable video processor designed to drive the video wall using the web-based Planar® WallDirector™ Software. The application simplifies video wall set-up, configuration, operation and monitoring. Planar WallDirector VC is a 1U rack mount device that captures multiple 4K inputs and drives the video wall at native resolution while providing signal extension over CAT or fiber connections. It also scales modularly to support larger video walls. The video processor works in conjunction with the Planar® Remote Power Supply within the same Planar WallDirector Software framework. Multiple video controllers can be stacked, but act as one, for more video inputs.



Planar WallDirector VC4-L (back)



Planar WallDirector VC4-L (stack)

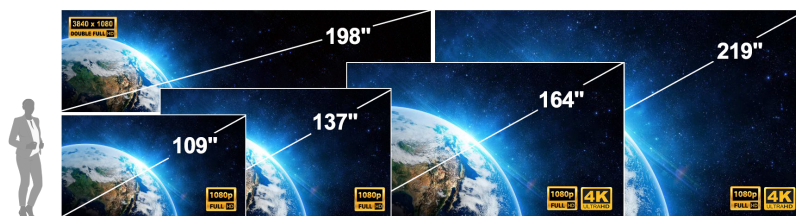
Added Protection with Planar ERO-LED

Planar TVF Series is available with Planar® ERO-LED™, a proprietary protective coating that increases durability in high-traffic environments, without impacting visual performance.

When interactive capabilities are desired, Planar TVF Series video wall displays can be optimized with a custom 32-point simultaneous touch system and Planar ERO-LED.

Planar TVF Complete: Off-the-Shelf Video Walls

Configure a Planar TVF Series video wall of nearly any size, or if creating a video wall seems like too much, consider a pre-packaged Planar® TVF Complete™ Video Wall display. It removes complexity, cost, time and pressure of designing and installing a video wall because we've packaged everything in one complete solution, at a solid value. Simply select the Full HD, Double Full HD or 4K LED video wall size that best suits the environment and application, and receive the complete package of LED display cabinets, video controller, cables, spare modules, wall mounts, trim and remote control all included. Available in 109", 137", 164", 198" or 219" diagonal sizes.



Planar TVF Series Specifications					
Model	Planar TVF0.9	Planar TVF1.2	Planar TVF1.5	Planar TVF1.8	Planar TVF2.5
Pixel Pitch	0.945mm	1.26mm	1.575mm	1.89mm	2.52mm
LED Type	Commercial grade 3-in-1 Black SMD				
Resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 136
LEDs per Cabinet	230400	129600	82944	57600	32640
Pixel Density	1119789/sq m 104032/sq ft	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)	140/Cabinet 680/sq m Standard	130/Cabinet 632/sq m Standard			
Power Consumption, Typical (watts)	50/Cabinet 243/sq m Standard	43/Cabinet 209/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				
Warranty	Planar EverCare Lifetime Limited Warranty (North America)				

Planar TVF Series specification assumes standard S6F video controller. Visit www.Planar.com for full list of product specifications.