



High-Brightness, Fine Pitch LED Video Walls

Planar® FX Series LED displays bring to high ambient-light environments the same level of image detail and resolution historically reserved for darker spaces. For years outdoor venues or buildings with numerous windows and skylights—like airports and shopping malls—had to weigh the importance of detailed, high resolution on-screen content against the high brightness required to combat daylight. They had to choose either details or brightness: not anymore.

Bright or Detailed? Why Not Both?

Planar FX Series video walls come in pixel pitches as small as 1.5 millimeters, enabling people to clearly see every detail even from close viewing distances. Fine pixel pitch video wall displays aren't new for Planar, but the Planar FX Series also features high brightness, brilliantly showing your content even when the sun is out.

- Indoor and Outdoor LED Video Walls
- Indoor models available in 1.5, 1.9 and 2.6mm pixel pitches
- Outdoor models available in 1.5, 1.9, 2.6, 2.9 and 3.9mm pixel pitches
- Full front service with magnet-secured modules
- UV, dust and waterproof for environmental durability (outdoor models)
- Support High Dynamic Range content
- Create video walls with 90 degree corners

The LED video wall displays' fine pixel pitch and high brightness make them the ideal choice to showcase up-close content during daylight hours. Whether you need to show transportation information, retail digital signage or pool-side hospitality cinema, Planar FX Series delivers.

Come In or Get Out

Planar FX Series displays are versatile with models designed for both indoor and outdoor applications. The outdoor models are the finest-pitch LED video wall displays in the industry. They're built to endure the weather with LED treatments to protect them from ultraviolet rays, dust and water, without negatively impacting the viewing experience. Optional masking plates on the backside cover cables and protect from vandalism and other abuse that is more common in high-traffic public environments.

Both indoor and outdoor cabinets are 500x500 millimeters. They're built for fixed installation, or can be hung or stacked using the same hardware. They are full front service and feature magnet-secured modules. You can even deploy Planar FX Series video walls around 90-degree corners, when your building wall just isn't quite a large enough canvas.

Contact your Planar Account Manager for more information about the best fine-pitch LED video walls for daylight.

PLANAR FX SERIES INDOOR SPECIFICATIONS			
Product Name	FXI-1.5	FXI-1.9	FXI-2.6
Pixel Pitch	1.562mm	1.953mm	2.604mm
Cabinet Resolution	320 x 320	256 x 256	192 x 192
Pixel Density	409,600/sqm 38,053/sq ft	262,144/sqm 24,353/sq ft	147,456/sqm 13,699/sq ft
Cabinet Size (W x H x D)	500 x 500 x 80mm		
LEDs per Cabinet	102,400	65,536	36,864
Modules/Cabinet (W x H)	2x2		
Module Size (W x H)	250 x 250mm 9.8 x 9.8in		
Power Consumption Maximum (watts)	180/Cabinet 720/sqm	180/Cabinet 720/sqm CCT	175/Cabinet 700/sqm CCT
Line Voltage	100-240V AC, 50/60Hz		
Cabinet Material	Die-cast Aluminum		
Cabinet Weight	38 kgs/sqm 9.5 kgs/pcs		
Contrast Ratio	7000:1		
Brightness Max, Calibration On (cd/sq)	>3,500		
Color Uniformity	97%		
Brightness Uniformity	97%		
LED Refresh Rate (Hz)	3840		
Color Temperature Adjust (k)	3,000-10,000		
Viewing Angle, Horizontal	160°		
Viewing Angle, Vertical	160°		
Frame Rate	50, 60Hz		
Service Access	Front, Rear		
LED Lifetime	100,000hrs		
Environment	Indoor		

Product Name	FXI-1.5	FXI-1.9	FXI-2.6
Runtime Duty Cycle (Hours/Day)	24/7		
Shape	90 degree		
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) 10-85% relative humidity, non-condensing	-20° to 45° C -4° to 113° F		

PLANAR FX SERIES OUTDOOR SPECIFICATIONS

Product Name	FXO-1.5	FXO-1.9	FXO-2.6	FXO-2.9	FXO-3.9
Pixel Pitch	1.562mm	1.953mm	2.604mm	2.976mm	3.906mm
Cabinet Resolution	320 x 320	256 x 256	192 x 192	168 x 168	128 x 128
Pixel Density	409,600/sqm 38,053/sq ft	262,144/sqm 24,353/sq ft	147,456/sqm 13,699/sq ft	112,896/sqm 10,488/sq ft	65,536/sqm 6,088/sq ft
Cabinet Size (W x H x D)	500*500*80mm				
LEDs per Cabinet	102,400	65,536	36,864	28,224	16,384
Modules/Cabinet (W x H)	2x2				
Module Size (W x H)	250 x 250mm 9.8 x 9.8in				
Power Consumption Maximum (watts)	180/Cabinet 720/sqm	180/Cabinet 720/sqm	175/Cabinet 700/sqm	250/Cabinet 1000/sqm	225/Cabinet 900/sqm
Line Voltage	100-240V AC, 50/60Hz				
Cabinet Material	Die-cast Aluminum				
Cabinet Weight	38 kgs/sqm 9.5 kgs/pcs				
Contrast Ratio	7000:1				
Brightness Max, Calibration On (cd/sq)	>3,500			>4,000 - 4,500	
Color Uniformity	97%				
Brightness Uniformity	97%				
LED Refresh Rate (Hz)	3840				
Color Temperature Adjustable (k)	6,500-10,000				
Viewing Angle, Horizontal	160°				
Viewing Angle, Vertical	160°				
Frame Rate	50, 60Hz				
Service Access	Front, Rear				
LED Lifetime, Typical	100,000hrs				
Environment	Outdoor				
Runtime Duty Cycle (Hours/Day)	24/7				
Shape	90 degree				--
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) 10-85% relative humidity, non-condensing	-20° to 45° C -4° to 113° F				