Planar Luminate Pro Series

Indoor & Outdoor
LED Video Wall Displays

- ▶ *1.9, 2.5, 3.9mm pixel pitches (Indoor)*
- ▶ *2.9, 3.9mm pixel pitches (Outdoor)*
- ▶ *Single-person handling*
- ▶ *Hang, stack or wall mount*

Planar® Luminate™ Pro Series indoor and outdoor high-brightness LED video wall displays are designed to meet the needs of temporary event applications, large venues and fixed installation. They offer easy front or rear-service access to electronics for deployment versatility, and magnetically-attachable cabinets with a quick-lock system for single-person handling.
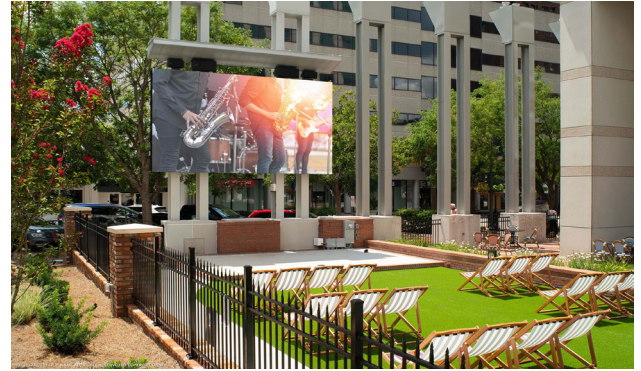
Bright in the Light

Planar Luminate Pro Series LED video wall displays are ideal for high ambient light applications, with indoor models offering very-high 3,000-nit brightness to suit transportation, retail and other environments with large windows or sky lights.

Outdoor models offer up to 5,000 nits, ideal for sports, daytime concerts and digital signage, even in direct sunlight.

Product Highlights

Solo Set-up & Front or Rear Service

Magnetic points can briefly hold a cabinet in place while a lone installer secures it using handles, locking pins and the embedded quick-lock system. The electronics compartment on the back is compact and easily accessible from both sides. Installation and service from the front or rear facilitates wall mounted, hanging or free-standing applications.

Weatherproof

Outdoor models feature a protective treatment and a dust-tight enclosure guards the LED display against harsh conditions, including extreme temperatures, moisture and even jets of water. The outdoor displays earned an IP65 Ingress Protection Rating.

Specifications

Model	LPI-1.9	LPI-2.5	LPI-3.9	LPO-2.9	LPO-3.9
Pixel Pitch (mm)	1.9	2.5	3.9	2.9	3.9
Cabinet Size (W x H x D)	19.69"x19.69"x2.7" 500x500x74mm	19.69"x19.69"x3.03" 500x500x77mm		19.69"x19.69"x2.95" 500x500x75 mm	19.69"x19.69"x2.99" 500x500x76mm
Cabinet Diagonal	27.83" (707.10mm)				
Cabinet Area (m²)	0.25				
Cabinet Resolution	256x256	200x200	128x128	168x168	128x128
LEDs per Cabinet	65,536	40,000	16,384	28,224	16,384
Modules/Cabinet (W x H)	2x2				
Module Size (W x H)	250x250mm				
Power Consumption, Maximum (watts)	160			180	
Line Voltage	100~240v AC, 50/60Hz				
Cabinet Weight (per display)	≤ 17.64lbs				
Cabinet Weight (per m²)	≤ 70.55lbs				
Brightness Max, Calibration On (cd/sq)	3,000			4,500	5,000
Supported Frame Rate	50Hz/60Hz				
Color Temperature (K)	3,000-10,000 adjustable				
Contrast	5,000:1			3,000:1	
Viewing Angle (50% of brightness)	>160° horizontal; >140° vertical			>150° horizontal; >130° vertical	
Mounting Orientation	Wall mount, faceted, hanging, stacking				
Installation/Service	Front or Rear				
Refresh Rate	3,840Hz			1,920/3,000Hz	
LED Lifetime (50% brightness)	100,000hrs				
Operating Temp/ Humidity (degrees F/C)	-20° to 40° C | -4° to 104° F (10-80% RH, non-condensing)			-40° to 50° C | -40° to 122° F (10-80% RH, non-condensing)	
Storage Temp/Humidity (degrees F/C)	-40° to 60° C | -40° to 140° F (10-85% RH, non-condensing)			-40° to 60° C | -40° to 140° F (10-85% RH, non-condensing)	
IP Rating	IP30			IP65 Front/Back	

For more information, click to visit: https://www.planar.com/luminate-pro