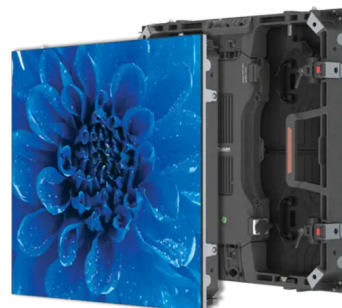




Planar LPO-2.9

Outdoor LED Video Wall

Planar® Luminate™ Pro Series LPO-2.9 is an outdoor high-brightness LED video wall display with a 2.9mm pixel pitch designed for temporary events and fixed installations even in direct sunlight. It offers easy front or rear-service access to electronics for deployment versatility, curves, corner protection and a quick-lock system to support fast, single-person handling.



SPECIFICATION	DETAIL
Model	LPO-2.9
Pixel Pitch (mm)	2.97
LED Drive Method	Constant current drive
Cabinet Size (W x H x D)	19.69" x 19.69" x 2.48" (500 x 500 x 63 mm)
Cabinet Diagonal	27.83" (707.10mm)
Cabinet Resolution	168x168
Pixel Density (/m2)	112,896
Modules/Cabinet (W x H)	2x2
Module Resolution	84x84
Module Size (W x H)	250 x 250 mm
Power Consumption, Maximum (watts)	160
Line Voltage	100~240v AC, 50/60Hz
Cabinet Weight (per display)	≤ 17.64lbs
Brightness Max, Calibration On (cd/sq)	4500
Supported Frame rate	50Hz/60Hz
Color Temperature(K)	3000-10000 adjustable

Contrast Ratio	5000:1
Viewing Angle (50% of brightness)	>150° horizontal; >130° vertical
Front Access Install/Service	Yes
Refresh Rate	3840hz
LED Lifetime (Half Brightness)	100,000 hours
Operating Temperature/Humidity (degrees F/C)	-22° to 50° C -34° to 122° F (10-80% RH, non-condensing)
Storage Temperature/Humidity (degrees F/C)	-40° to 60° C -40° to 140° F (10-85% RH, non-condensing)
IP Rating	65
Warranty	3 years; 24-hour customer service
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 5/10/2025

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