



Planar DirectLight LED Video Wall System



Superior Visual Experience and Mission-Critical Reliability

The Planar® DirectLight® LED Video Wall System is a seamless, ultra-fine pitch direct view LED video wall solution that provides a superior visual experience and 24x7 reliability. Planar DirectLight LED video walls incorporate design principles gained from decades of successful video wall installations and is ideal for the most demanding applications, providing a uniform and seamless canvas of nearly any size or shape.

The revolutionary Planar® EasyAlign™ Mounting System enables precision six-axis alignment and together with DirectLight™ Control Software delivers unmatched image quality even in low-light control rooms. At less than 4" mounted depth, Planar DirectLight is the thinnest direct view LED video wall available and mounts directly to the wall. Front serviceability eliminates the need for rear access, freeing valuable space and simplifying maintenance. Planar DirectLight's off-board distributed architecture delivers greater reliability, reduces installation time and complexity and enables ultra-quiet, fan-less operation at the video wall.

PLANAR DIRECTLIGHT LED VIDEO WALL SYSTEM SPECIFICATIONS

Model	DL1.6
Pixel Pitch	1.67mm
Display Resolution	240x180
Pixel Density (pixels)	33,445/sq ft 360,000/sq m
LED Type	Commercial Grade 3-in-1 Black SMD
LED Surround	Planar® MicroGrid Shader™, Black
Brightness, Uncalibrated, Calibrated (nits)	≥1200 - 900, adjustable
Brightness Uniformity	≥ 97%
Viewing Angle, Horizontal	≥ +/-80° (≥90% brightness)
Viewing Angle, Vertical	≥ +80° /-75° (≥80% brightness)
Color Space	≥97% NTSC
Color Uniformity	≥97%
Power Consumption, Max. (watts)	90/sq ft 967/sq m
Power Consumption, Typ (watts)	19/sq ft 205/sq m
Runtime Duty Cycle	24x7
Lifetime: Typical	100,000 hours to half brightness
Acoustic noise	Fanless Operation
Operating Temperature (degrees F/C) 10-80% relative humidity, non-condensing	14 to 104/-10 to +40, 10-80%
Display Size (W x H x D)	15.7 x 11.8 x 2.63in 400 x 300 x 66.8mm
Cabinet Diagonal	19.7in 500mm
Cabinet Area	1.3/sq ft 0.12/sq m
Mounted Depth with Mounting System	3.5in 89mm minimum, 4in 102mm maximum
Total Install Weight	15.8lb 7.1kg (LED Display Module and Planar EasyAlign Mount)
Warranty	3 year Advance Exchange with 24x7 customer support. Extendable to 5 years.
Adjustable Mount	Planar® EasyAlign™ Mounting System included
Installation, Service	Front
LED Display Module Alignment Adjustment	6-axis Integrated
Regulation Compliance	NRTL, FCC Class A, CE Class A, WEEE, RCM, PSE, EN60950 and CISPER22/2010, RoHS
Americans with Disability Act (ADA) Compliance	Yes
Power Supply Type	1U Rack Mount Controller; drives up to 11 LED Display Modules
Redundancy	n+1 Redundant Power Supplies (optional)
Line voltage	100-240 Volts AC, 50/60Hz auto switching
Power status	Diagnostic LEDs
Maximum distance from LED Display Module	HDBaseT 326ft / 100m Multimode fiber 984ft / 300m
Video Input Type	HDMI v1.4 with HDCP Compliance
Video Input Resolution Maximum	1920x1080 @ 50, 60 Hz
Video Signal Extension Options	CAT6 (HDBaseT), Fiber Optic
Video Signal Redundancy	Optional
Video Extension Redundancy	Optional
Display Control	Planar DirectLight Control Software included
Control Input Type	RS232 or Ethernet

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