

Planar DirectLight Pro 1.8

LED Video Wall

The Planar® DirectLight® Pro 1.8 is a modular indoor LED video wall display with a fine 1.8 mm pixel pitch for comfortable viewing distances as close as 9 feet. Planar DirectLight Pro Series stackable displays can be configured to form customized video wall sizes and feature high bandwidth architecture. The HDR-ready displays are TAA and ADA compliant, offer 24x7 reliability and come with the exclusive Planar® EverCare™ Lifetime Limited Warranty.



Specification:

Detail:

Model Name	DLPro 1.8
Pixel Pitch	1.89mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	27" - 320 x 180 36" - 320 x 360
Pixel Density	279947/sq m 26008/sq ft
Brightness Maximum, Calibration On	1000
Contrast	10000:1
Brightness Uniformity	≥97%
Color Uniformity	≥97%
Color Gamut	>93% DCI-P3
LED Refresh Rate	>3840hz
Color Temperature, Adjustable (k)	3000 - 10000
Viewing Angle (50% of brightness)	>170° Horizontal; >140° Vertical

Specification:

Detail:

Cabinet Diagonal (mm in)	27" - 693.9mm 27.32in 36" - 910.3mm 35.84in
Cabinet Sizes (W x H x D)	27" - 604.8 x 340.2 x 65.3mm 23.81 x 13.39 x 2.57in 36" - 604.8 x 680.4 x 65.3mm 23.81 x 26.78 x 2.57in
Cabinet Area (Sq M Sq ft)	27" - 0.2058 2.214 36" - 0.4116 4.429
Module Configuration (W x H)	27" - 2x2 36" - 2x4
Module Resolution	160 x 90
LEDs per Module	14400
Module Size (W x H x D)	302.4 x 170.1mm 11.91 x 6.7in
Weight (Cabinet)	27" - 6.94kg 15.3lb 36" - 13.2kg 29.1lb
HDR Support	Yes
Installation and Service Access	Front Access, module removal. All internal electronics accessible
Supported Installation Types	Standard Flat Wall Forward Tilt: up to 10° 90° exterior corners Concave faceted curve
LED Lifetime (Half Brightness)	100,000 hrs
Controller Compatibility	Planar® WallDirector and ColorLight Controllers
Acoustic Noise	<30dBA, Fanless operation
TAA Compliant	Yes
ADA Compliant	Yes
Line Voltage	100~240V AC, 50/60Hz
Power Consumption, Maximum	SqM - 656 Sq Ft -59.5
Power Consumption, 50% brightness intensity (watts)	SqM - 135 Sq FT - 63
Standby Power Consumption with Optional Smart Switch, Maximum per power input	1.5 watts
Storage Temperature/Humidity (degrees F/C, relative humidity)	-40° to 60° C -40° to 140° F 10-85% relative humidity, non-condensing

Specification:

Operating Temperature/Humidity (degrees F/C, relative humidity)
Regulatory Compliance
Warranty
HDMI®

Detail:

-20° to 40° C -4° to 104° F 10-80% relative humidity, non-condensing
NRTL UL 60950-1 TUV Rheinland, FCC Class A, CE EN60950-1, EN 55032 Class A and EN55024, WEEE, CISPR 32/2015
Planar EverCare Limited Lifetime Warranty (North America)
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