



# Planar DirectLight Pro 1.8

## LED Video Wall

The Planar<sup>®</sup> DirectLight<sup>®</sup> 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<sup>®</sup> EverCare<sup>™</sup> Lifetime Limited Warranty.



SPECIFICATION	DETAIL
Model Name	DLP 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 Max, Calibration On (cd/sq)	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
Cabinet Diagonal (mm   in)	27" - 693.9mm   27.32in

	36" - 910.3mm   35.84in
Cabinet Sizes (W x H x D)	27" - 604.8 × 340.2 × 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 × 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 (watts)	27" - 135 36" - 270 SqM - 656
Power Consumption, 50% brightness intensity (watts)	27" - 75 36" - 150
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

<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	-20° to 40° C   -4° to 104° F 10-80% relative humidity, non-condensing
<b>Regulatory Compliance</b>	NRTL UL 60950-1 TUV Rheinland, FCC Class A, CE EN60950-1, EN 55032 Class A and EN55024, WEEE, CISPR 32/2015
<b>Warranty</b>	Planar EverCare Limited Lifetime Warranty (North America)
<b>HDMI®</b>	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](http://www.planar.com)

*Specifications are subject to change without notice.*

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