



# Planar DirectLight Pro 1.8-B

## LED Video Wall

The Planar<sup>®</sup> DirectLight<sup>®</sup> Pro 1.8-B is a modular indoor LED video wall display with a fine 1.8mm pixel pitch that can be configured to form customized video wall sizes. It is specifically designed for use with Brompton Technology<sup>®</sup> video controllers, enabling users to maximize the color enhancement, high dynamic range and camera sync capabilities of that processing platform. The 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-B
Pixel Pitch	1.89mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	320 x 180
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)	693.9mm   27.32in

<b>Cabinet Sizes (W x H x D)</b>	604.8 × 340.2 × 65.3mm   23.81 x 13.39 x 2.57in
<b>Cabinet Area (Sq M   Sq ft)</b>	0.2058   2.214
<b>Module Configuration (W x H)</b>	2x2
<b>Module Resolution</b>	160 x 90
<b>LEDs per Module</b>	14400
<b>Module Size (W x H x D)</b>	302.4 × 170.1mm   11.9 x 6.7in
<b>Weight (Cabinet)</b>	6.94kg   15.3lbs
<b>HDR Support</b>	Yes
<b>Installation and Service Access</b>	Front, Planar tool supplied, Module Locking feature
<b>Supported Installation Types</b>	Standard Flat Wall   Forward Tilt: up to 10°   90° exterior corners   Concave faceted curve
<b>LED Lifetime (Half Brightness)</b>	100,000 hrs
<b>Controller Compatibility</b>	Brompton S8 & SX40
<b>Acoustic Noise</b>	<30dBA, Fanless operation
<b>TAA Compliant</b>	Yes
<b>ADA Compliant</b>	Yes
<b>Line Voltage</b>	100~240V AC, 50/60Hz
<b>Power Consumption, Maximum (watts)</b>	Cabinet - 135 SqM - 656   Sq Ft -59.5
<b>Power Consumption, 50% brightness intensity (watts)</b>	75
<b>Standby Power Consumption with Optional Smart Switch, Maximum per power input</b>	1.5 watts
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	-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)

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For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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