



Planar DirectLight Pro 1.8-B

LED Video Wall

The Planar[®] DirectLight[®] 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[®] 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[®] EverCare[™] 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

Cabinet Sizes (W x H x D)	604.8 × 340.2 × 65.3mm 23.81 x 13.39 x 2.57in
Cabinet Area (Sq M Sq ft)	0.2058 2.214
Module Configuration (W x H)	2x2
Module Resolution	160 x 90
LEDs per Module	14400
Module Size (W x H x D)	302.4 × 170.1mm 11.9 x 6.7in
Weight (Cabinet)	6.94kg 15.3lbs
HDR Support	Yes
Installation and Service Access	Front, Planar tool supplied, Module Locking feature
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	Brompton S8 & SX40
Acoustic Noise	<30dBA, Fanless operation
TAA Compliant	Yes
ADA Compliant	Yes
Line Voltage	100~240V AC, 50/60Hz
Power Consumption, Maximum (watts)	Cabinet - 135 SqM - 656 Sq Ft -59.5
Power Consumption, 50% brightness intensity (watts)	75
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
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 40° C -4° to 104° F 10-80% relative humidity, non-condensing
Regulatory Compliance	NRTL UL 60950-1 TUV Rheinland, FCC Class A, CE EN60950-1, EN 55032 Class A and EN55024, WEEE, CISPR 32/2015
Warranty	Planar EverCare Limited Lifetime Warranty (North America)

HDMI®

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Specifications are subject to change without notice.

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