



Planar DirectLight Pro 1.8 MicroLED

LED Video Wall

The Planar[®] DirectLight[®] Pro 1.8 is a modular indoor MicroLED video wall display with a fine 1.8mm pixel pitch. 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 1.8M20
Pixel Pitch	1.89mm
LED Type	MicroLED FlipChip
Cabinet Resolution	27" - 320 x 180 36" - 320 x 360
Pixel Density	279947/sq m 26008/sq ft
Brightness Max, Calibration On (cd/sq)	2000
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; >170° 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, Typical	100,000hrs
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 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)	-40° to 60° C -40° to 140° F 10-85% relative humidity, non-condensing
Operating Temperature/Humidity (degrees F/C)	-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)

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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