



# Planar DirectLight Slim 1.8 MicroLED

## LED Video Wall

The Planar® DirectLight® Slim 1.8 is an indoor MicroLED display with a 1.8mm pixel pitch that delivers vibrant visuals with an ultra-thin, narrow width form factor that facilitates a variety of deployment options. The sleek form enables both tightly curved and flat video walls with minimum depth with front serviceability. The TAA-compliant video walls offer high bandwidth and remote power for mission-critical applications requiring 24x7 operation.



SPECIFICATION	DETAIL
Model Name	DLSlim 1.8M20
Pixel Pitch	1.89mm
LED Type	MicroLED FlipChip
Cabinet Resolution	160 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)	744.5mm   29.31in
Cabinet Size (W x H x D)	302.4 x 680.4 x 34mm   11.91 x 26.79 x 1.34

Cabinet Area (Sq M   Sq ft)	0.2058   2.214
Module Configuration (W x H)	1x4
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)	6.94kg   15.3lb
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)	145
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)

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

*Specifications are subject to change without notice.*

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