



Planar DirectLight Pro 1.8 MicroLED Low Power

LED Video Wall

The Planar® DirectLight® Pro 1.8 MicroLED Low Power is a modular indoor MicroLED video wall display built around power efficiency. Taking advantage of the MicroLED and a brightness of 500 nits it can be deployed in low light environments while conserving energy and infrastructure needs. Planar DirectLight Pro Series stackable displays can be configured to form customized video wall sizes and feature high bandwidth architecture. TAA and ADA compliant, offer 24x7 reliability and come with the exclusive Planar® EverCare™ Lifetime Limited Warranty.



SPECIFICATION	DETAIL
Model Name	DLPro 1.8M05
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)	500
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 Size (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" - 68 36" - 132 SqM - 330 Sq Ft - 30.7
Power Consumption, 50% brightness intensity (watts)	tbd
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
Regulation 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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