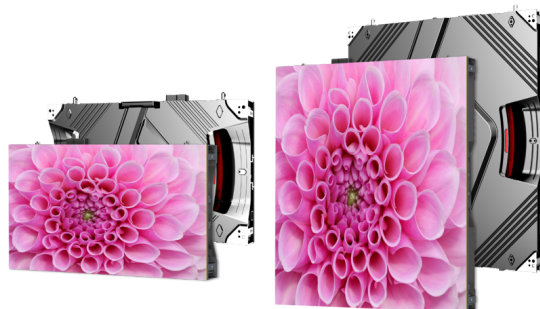




Planar DirectLight Pro 1.8-B

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 | DLPro 1.8B |
| 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) | 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, 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) |

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Specifications are subject to change without notice.

Specification Report Date: 6/20/2025

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