

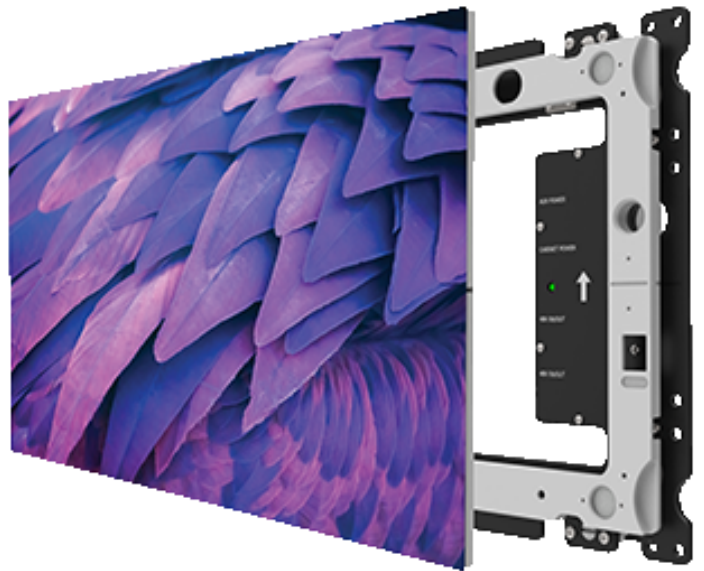


Planar DirectLight X

DLX-1.2

LED Video Wall System

The Planar® DirectLight® DLX-1.2 is a fine pitch LED video wall display with a 1.2 millimeter pixel pitch. With the off-board Planar® Video Controller, Planar DLX-1.2 is the industry's first LED video wall solution to embed advanced video processing directly into the product. Planar DLX-1.2 includes a 27" cabinet with a 16:9 aspect ratio designed for Ultra HD resolution, an industry-leading wall mount, full front service access, off-board hot-swap power supplies and modern, web-based control and management software.



| SPECIFICATION | DETAIL |
|------------------------------------|---|
| Product Name | DLX-1.2 |
| Pixel Pitch | 1.25mm |
| LED Type | Commercial grade 3-in-1 Black SMD |
| Cabinet Resolution | 480 x 270 |
| LEDs per Cabinet | 129,600 |
| Pixel Density | 640,000 / sq m 59,458 / sq ft |
| Cabinet Size (W x H x D) | 600 x 337.5 x 95mm 23.62 x 13.28 x 3.74in |
| Cabinet Diagonal | 688.5mm 27.1 in |
| Cabinet Area | 0.2025 sq m 2.18 sq ft |
| Modules/Cabinet (W x H) | 2 x 2 |
| Module Resolution | 240 x 135 |
| LEDs per Module | 32,400 |
| Module Size | 300 x 168.75mm 11.81 x 6.64in |
| Power Consumption, Maximum (watts) | 150 / Cabinet 741 / sq m |
| Power Consumption, Typical (watts) | 50 / Cabinet 247 / sq m |
| Line Voltage | 100-240V AC, 50/60Hz autoranging |

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| Cabinet Weight (per display) | 6.6 kg 14.5 lb |
| Cabinet Weight (per m²) | 32.6 kg / sq m 71.6 lbs / sq m |
| Mount Weight per Cabinet (kg / display) | 3.2 kg 7 lb |
| Mount Weight per Cabinet (kg / sq m) | 15.8 kg / sq m 34.6 lbs / sq m |
| Mounted Depth | <4", ADA Compliant |
| Brightness Max (cd / sq m) | >800 |
| Contrast Ratio | > 6,000:1 |
| Brightness Uniformity | >97% |
| Color Uniformity | >97% |
| Color Gamut | 100% NTSC |
| LED Refresh Rate | 3,000 Hz |
| Color Temperature, Adjustable (k) | 3,200 - 9,300 |
| Viewing Angle, Horizontal | 160° |
| Viewing Angle, Vertical | 140° |
| LED Surround | Black Solder Mask |
| Video Inputs (LED Cabinet) | 2x HDMI in, 2x HDMI out; HDCP Compliant |
| Video Input Resolution Maximum | 1920 x 1080 @ 60Hz |
| Frame Rate | 50, 60Hz |
| Control Input Type | RS232 or Ethernet |
| Gray Scale Processing | 16-bit per color processing, 10-bit per color displayed |
| Installation and Service Access | Front |
| LED Lifetime: Typical | 100,000 hrs |
| Environment | Indoor |
| Power Supply | Offboard Redundant Optional Hot Swap |
| Wall Mount | Planar® EasyAlign™, Included |
| Protection | IP30, Planar® ERO-LED™ Technology (optional) |
| Acoustic Noise | Fanless Operation |
| Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing | -10° to 40° C 14° to 104° F |
| Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing | -20° to 60° C -4° to 140° F |

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| Regulatory Compliance | NRTL UL 60950-1, FCC Class A, CE EN60950-1, EN 55032 Class A and EN 55024, WEEE, CISPR 32/2015 |
| Video Inputs (Controller) | 4x HDMI 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2 |
| Video Outputs (Controller) | 9-Output Controller: 9x RJ45 8P8C, 1x DisplayPort 1.2 4-Output Controller: 4x RJ45 8P8C, 1x DisplayPort 1.2 |
| Video Extension built-in | 200 ft/60m over STP CAT6 |
| Control | IR Remote, RS232, Ethernet, Planar WallDirector Software |
| Touch Technology | Planar LED MultiTouch (optional) |
| Fiber Video Extension Module Option | 1 RU rack mount module drives up to 4 outputs |
| Fiber Video Extension Module Outputs | SFP multi-mode transceivers supports distances up to 300m from wall Single-mode compatible up to 10k from the wall |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 9/28/2021

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