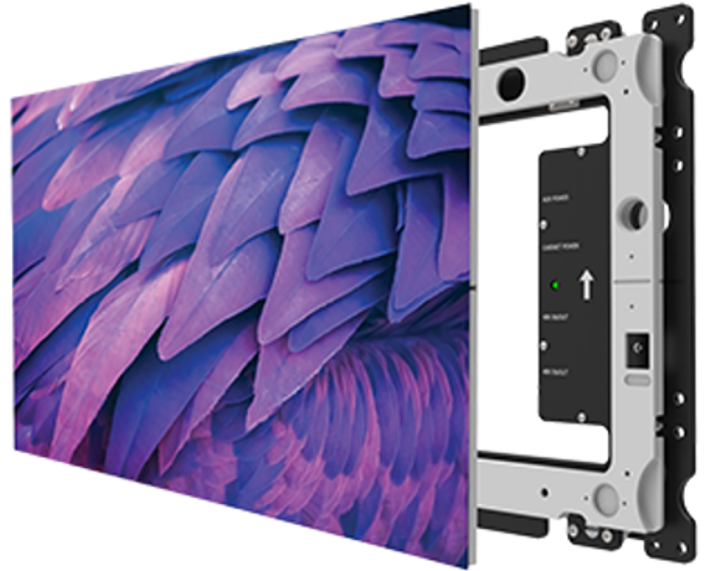




Planar DirectLight X DLX-0.9

DLX-0.9

The Planar® DirectLight® DLX-0.9 is a fine pitch LED video wall display with a 0.9 millimeter pixel pitch. With the off-board Planar® Video Controller, Planar DLX-0.9 is the industry's first LED video wall solution to embed advanced video processing directly into the product. Planar DLX-0.9 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-0.9
Pixel Pitch	0.9375mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	640 x 360
LEDs per Cabinet	230,400
Pixel Density	1,137,777 / sq m 105,703 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)	4 x 2
Module Resolution	160 x 180
LEDs per Module	28,800
Module Size	150 x 168.75mm 5.91 x 6.64in
Power Consumption, Maximum	150 / Cabinet 741 / sq m

(watts)	
Power Consumption, Typical (watts)	50 / Cabinet 247 / sq m
Line Voltage	100-240V AC, 50/60Hz autoranging
Cabinet Weight (per display)	6.6 kg 14.5 lb
Cabinet Weight (per m ²)	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	1,920 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
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	cSFP multi-mode transceivers supports distances up to 300m from wall Single-mode compatible up to 10k from the wall
Warranty	3 years; 24-hour customer service
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 5/11/2024

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