



# Planar DirectLight X

## DLX-0.9

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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 <sup>2</sup> )	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](http://www.planar.com)

*Specifications are subject to change without notice.*

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