



# Planar DirectLight Pro Complete HD 109

## LED Video Wall

The Planar® DirectLight® Pro Complete™ HD 109 is a Full HD, 109" MicroLED video wall solution that includes everything an organization needs to deliver large-format beautiful video and imagery, in less time and with less effort. The solution comes with LED display cabinets, cables, spare modules, wall mounts, trim, remote control and full-featured video controller all included. The TAA and ADA-compliant Planar DirectLight Pro Complete HD 109 features front-side installation and serviceability, is HDR ready and includes the exclusive Planar® EverCare™ Lifetime Limited Warranty.



SPECIFICATION	DETAIL
Part Number	998-4278-00
Model	HD109-12MFHD
Display Technology	Direct View LED
Display Resolution	1920x1088
Display Size, Diagonal	109"
Display Size, Width x Height	7.9' x 4.5'   2419 x 1361mm
Pixel Pitch	1.26 x 1.25mm
Brightness Max, Calibration On (cd/sq)	1600 nits
Contrast Ratio	10000:1
Brightness Uniformity	≥97%
Color Uniformity	≥97%
LED Refresh Rate	3840hz
Color Temperature Range (k)	3,000 -10,000

<b>Viewing Angle (50% of brightness)</b>	>170° Horizontal; >140° Vertical
<b>Video Controller Size</b>	1U rack-mounted controller, 19" rack
<b>Video Input Resolution, Max</b>	3840 x 2160 @ 60hz
<b>Frame Rate</b>	50, 60 hz
<b>Video Inputs</b>	4x HDMI 2.0 (w/ HDCP 2.2)
<b>HDMI®</b>	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.
<b>Control</b>	IR Remote Control, RS-232, USB, Network, Planar WallDirector Software Planar WallDirector Software
<b>Installation and Service Access</b>	Front, Planar tool supplied, Module Locking feature
<b>Runtime Duty Cycle (Hours/Day)</b>	24 x 7
<b>LED Lifetime (Half Brightness)</b>	100,000 hrs
<b>Line Voltage</b>	100-240V AC, 50/60hz
<b>Power Consumption, Maximum (watts)</b>	2230
<b>Display Weight</b>	112kg  247lbs
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	-40° to 60° C   -40° to 140° F 10-85% relative humidity, non-condensing
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	-20° to 40° C   -4° to 104° F 10-80% relative humidity, non-condensing
<b>Warranty</b>	Planar EverCare Lifetime Warranty (North America)
<b>Package Includes (solution and packaged content may vary by region)</b>	Display wall, Planar WallDirector Video controller, Signal cables, Power cables, Wall mount, Trim, Remote Control, and Module Spares

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 5/11/2025*

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