

# Clarity Matrix LX55HDX-L

## LCD Video Wall System

The Clarity® Matrix® LX55HDX-L is an extreme narrow bezel 55" LCD video wall display that provides outstanding tiled visual performance, supports extended operation, and requires minimal installation space. Designed for 24x7 operation, Clarity Matrix LX55HDX-L features 500 nits brightness, LED backlight technology, and Full HD resolution making it the ideal video wall for high-impact, mission-critical applications. Clarity Matrix LX55HDX-L sets a new benchmark with a tiled bezel width of a mere 1.7mm, creating a near seamless digital canvas.



SPECIFICATION	DETAIL
<b>Planar Part Number</b>	997-8694-00
<b>Technology</b>	Commercial-grade direct view LCD
<b>Diagonal</b>	55 inches
<b>Aspect Ratio</b>	16:9
<b>Native Resolution Panels</b>	1920 x 1080
<b>Tiled Bezel Width</b>	0.06" (1.7 mm)
<b>Brightness (typ)</b>	500 cd/m <sup>2</sup> or nits
<b>Response Time (typ)</b>	8 ms
<b>Contrast ratio (full field)</b>	4000:1
<b>Full viewing angle</b>	178°
<b>Backlight life (1/2 brightness)</b>	50,000 Hrs
<b>Mounted Depth</b>	3.6" wall to front of screen
<b>Acoustic noise</b>	Fanless operation
<b>Heat load</b>	590 BTU/hr
<b>Operating temperature range</b>	5 - 40 Degrees C
<b>Operating humidity range</b>	20-90% RH non-condensing
<b>Backlight control</b>	Individual and wall control
<b>Backlight sensing and reporting</b>	At display level
<b>Display module position sensing</b>	Auto-sensing integrated

<b>Power Consumption (typ)</b>	173 W
<b>Power supply voltage</b>	100-230V AC ± 10%, 50-60 Hz
<b>Power Status</b>	Diagnostics LEDs, health monitoring and alerts
<b>Safety regulations</b>	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
<b>Data Inputs</b>	4 HDMI inputs, 1 DisplayPort input
<b>Control</b>	IR Remote, RS232, Ethernet (optional)
<b>Per Panel Dimensions (Including Mount)</b>	47.72" x 26.85" x 3.54" (1212 mm x 682 mm x 90 mm)
<b>Per Panel Weight (Including Mount)</b>	56 lbs. (26 kg)
<b>Shipping weight</b>	150 lbs (68.04 kg)
<b>Touch Options</b>	Clarity Matrix MultiTouch Kits



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

*Specifications are subject to change without notice.*

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