



Clarity Matrix LX46HDU

LCD Video Wall System

The 46" Clarity® Matrix™ LX46HDU-L features Full HD resolution, LED backlighting, and a mere 3.7mm bezel gap for outstanding tiled visual performance. This model features standard brightness of 500 nits for environments with controlled ambient lighting. Featuring the Planar® EasyAxis™ Mounting System, the Clarity Matrix LX46HDU-L has an ultra-thin installed depth of 3.6"/93mm, 6-axis adjustment cams for perfect panel-to-panel alignment, and front-service mode. Clarity Matrix LX46HDU-L features a tiled bezel width of just 3.7mm.



SPECIFICATION	DETAIL
Planar Part Number	997-7803-00
Technology	Commercial-grade direct view LCD
Diagonal	46 inches
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	3.7 mm
Brightness (typ)	500 cd/m ² or nits
Response Time (typ)	8 ms
Contrast ratio (full field)	TBD
Full viewing angle	178°
Backlight life (1/2 brightness)	50,000 Hrs
Mounted Depth	3.6" wall to front of screen
Acoustic noise	Fanless operation
Heat load	TBD BTU per hour at 500 nit
Operating temperature range	5 - 40 Degrees C
Operating humidity range	20-90% RH non-condensing
Backlight control	Individual and wall control
Backlight sensing and reporting	At display level
Display module position sensing	Auto-sensing integrated

Power Consumption (max)	TBD watts (typical)
Power supply voltage	100-230V AC ± 10%, 50 to 60 Hz
Power Status	Diagnostics LEDs, health monitoring and alerts
Safety regulations	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
Data Inputs	4 Single Link HDMI inputs, 1 DisplayPort input
Control	IR Remote, RS232, Ethernet (optional)
Per Panel Dimensions (Including Mount)	40.24" x 22.70" x 3.6" (check specs)
Per Panel Weight (Including Mount)	48 lbs
Shipping weight	142 lbs
Touch Options	Clarity Matrix MultiTouch Kits

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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