



# Clarity Matrix G3

## LX46U-3D

### 3D LCD Video Wall

The Clarity® Matrix® G3 LX46U-3D Video Wall is designed for professional visualization environments seeking a flicker-free stereoscopic 3D display wall. The Clarity Matrix G3 LX46U-3D adds a new dimension to the Clarity Matrix G3 LCD Video Wall family, utilizing its unique design with an ultra-shallow install depth of only 3.6"/93mm, integrated Planar® EasyAxis™ Mounting System, and off-board electronics to create exceptional 3D visualization. Clarity Matrix G3 LX46U-3D features a tiled bezel width of just 3.7mm and offers 1920x1080 resolution.



SPECIFICATION	DETAIL
<b>Technology</b>	Commercial-grade direct view LCD
<b>Diagonal</b>	46in   1168mm
<b>Aspect Ratio</b>	16:9
<b>Native Resolution Panels</b>	1920 x 1080
<b>Tiled Bezel Width</b>	0.15" (3.7 mm)
<b>Brightness (typ)</b>	500 nits (2D)
<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 EasyAxis Mounting
<b>Acoustic Noise</b>	Fanless operation
<b>Heat load</b>	563 BTU per hour
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	5° to 40° C / 20-90% RH   41° to 104° F / 20-90% RH
<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>	106 watts /Display
<b>Power supply voltage</b>	100-240V 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
<b>Per Panel Dimensions (Including Mount)</b>	40.2 x 22.7 x 3.6in   1022 x 577 x 91mm
<b>Per Panel Weight (Including Mount)</b>	41lb   18.6kg
<b>Shipping weight</b>	142 lb   64.4 kg

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

*Specifications are subject to change without notice.*

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