



# 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. *Note: Cat6A STP (shield twisted pair) cables and connectors are required.*



SPECIFICATION	DETAIL
Technology	Commercial-grade direct view LCD
Diagonal	46in   1168mm
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.15" (3.7 mm)
Thermal Expansion Gap Required	0.4 mm   .02 in
Power Consumption (max/display)	115W
Brightness (typ)	500 nits (2D)
Response Time (typ)	8 ms
Contrast ratio (full field)	4000:1
Full viewing angle	178°
Backlight life (1/2 brightness)	50,000 Hrs
Mounted Depth	3.6" wall to front of screen EasyAxis Mounting
Acoustic Noise	LCD: <30dBA (fanless), VC: 45dBA, RPS: <40dBA @ 25°C (77°F)
Heat Load (max/display)	392 BTU/hr
Operating Temperature/Humidity (degrees F/C, relative humidity)	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 supply voltage</b>	100-240V AC $\pm$ 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>Cat6 Cables and Connectors</b>	Cat6a STP (shield twisted pair) cables and connectors are required.
<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>	148 lbs   67.5 kg (dual pack), 106 lbs   48.1 kg (single pack)

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

*Specifications are subject to change without notice.*

*Specification Report Date: 3/22/2023*

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