



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 |
|--|--|
| Technology | Commercial-grade direct view LCD |
| Diagonal | 46 inches |
| Aspect Ratio | 16:9 |
| Native Resolution Panels | 1920 x 1080 |
| Tiled Bezel Width | 0.15" (3.7 mm) |
| 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 | Fanless operation |
| Heat load | 386 BTU per hour at 500 nit |
| Operating temperature range | 5°-40°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 |

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| Power Consumption (typ) | 113 watts |
| Power supply voltage | 100-240V AC ± 10%, 50-60 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 HDMI Inputs, 1 DisplayPort Input |
| Control | IR Remote, RS232, Ethernet |
| Per Panel Dimensions (Including Mount) | 40.24" x 22.7" x 3.6" (1022.1 mm x 576.6 mm x 92.6 mm) |
| Per Panel Weight (Including Mount) | 45 lbs (20.4 kg) |
| Shipping weight | 142 lbs (64.4 kg) |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 9/23/2018

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