



Planar Luxe UltraRes X 100 ERO

LCD Display with Planar® ERO-
LCD™ Protective Glass

From cinema content to motion-based digital art, Planar® Lifestyle Displays offer a way to enrich distinctive spaces. These professional-grade displays provide vibrant, high-resolution canvases for creative expression and entertainment. Leading-edge technology, design adaptability and the slimmest profiles ensure they seamlessly integrate with architectural elements and complement interior decor.



| SPECIFICATION | DETAIL |
|---------------------------------|---|
| Product Name | Planar Luxe UltraRes X 100 ERO |
| Protective Glass | ERO optically-bonded glass technology, Soda-lime Glass, 3mm AR |
| Display Technology | Direct-lit LED LCD |
| Display Resolution | 3840 x 2160 |
| Image Size (diagonal) | 100" |
| Pixel Pitch | 0.5735 mm |
| Brightness (w/protective glass) | 630 nits |
| Contrast Ratio (typ) | 3000:1 |
| Viewing Angle (typ) | 178° |
| HDR Support | HDR10 |
| Aspect Ratio | 16:9 |
| Display Active Area | 86.7" x 48.8" (2203.2mm x 1239.3mm) |
| Backlight | LED |
| Backlight life (1/2 brightness) | 50,000 hrs (min) |
| Response Time (typ) | 6.5 ms |
| Frame Rate | 120Hz |
| Color Gamut | 98% NTSC |
| Display Color | >1 billion colors. Full 10 bit data path |
| External Connections | DisplayPort 1.2 x 1, HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, OPS x 1 |

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| Modes | 1x 3840x2160 @ 24/25/30/60Hz, 4x 1920x1080 @ 24/25/30/50/60Hz; 2x 1920x2160 @ 60Hz; 480p, 576p, 720p @ 50/60 Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz |
| Display Control | IR, RS-232, LAN, HDMI-CEC, Keypad, Web Brower Interface, Mobile App |
| Cabinet Dimensions (W x H x D) | 89.0" x 50.9" x 3.7" (2261.0mm x 1294.0mm x 92.9mm) |
| Dimensions including wall mount | 89.0" x 50.9" x 3.8" (2260.8mm x 1294.1mm x 96.0mm) |
| Orientation | Landscape/Portrait |
| Bezel Width | 0.1" (3mm) |
| Display Edge to Active Area | 1.1" (28.8mm) left/right; 1.1" (27.4mm) top/bottom |
| Weight | 355 lb (161.0 kg) |
| Audio Input | PC Line In |
| Audio Output | PC Line Out, S/PDIF |
| Speakers | 10W x 2 built-in |
| Enclosure | Metal |
| Mounting | Planar Profile Mounting System or VESA: 600 x 400 mm |
| Fanless | Yes |
| Line Voltage | 100-240V; 50/60Hz |
| Power Consumption (typ) | 380W (standby: <0.5W) |
| Operating Temperature | 0° to +40°C (32° to 104°F) at up to 1500m, 0° to +35°C (32° to 95°F) at up to 3000m |
| Humidity | 20 - 85% RH (non-condensing) |
| Options / Features | MediaPlex Plus Processing, Scheduling, Presets, Redundant power supply |
| Multi-Source Views | PiP, Dual, Triple, Quad |
| Approvals | FCC Class A, CE, cTUVus, RoHS |
| TAA Compliance | Yes |
| Environmental | Indoor |
| Warranty | 3 years Advance Exchange standard. Optional Planar Luxe UltraRes X Service Plan available. |
| Runtime Duty Cycle (Hours/Day) | 24 x 7 |
| Package Includes (solution and packaged content may vary by region) | URX100-ERO display, US power cord, HDMI cable, IR sensor, remote control, lifting straps x2, QuickStart Guide, Planar Profile Mount: PRX |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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