



Planar LookThru L0552-S

Transparent OLED Display

The Planar® LookThru® OLED Display (LO552-S) is a 55-inch transparent display that showcases dynamic information on a transparent surface glass without the need for a back light or enclosure. The electronics box on the Planar LookThru LO552-S is set parallel to and below the display glass. The display can be used in both portrait and landscape modes, can be table-mounted, ceiling-mounted or tiled to create large, eye-catching video wall arrays. The Planar LookThru LO552-S features Planar® ERO-OLED™ (Extended Ruggedness and Optics™) technology featuring Corning® Gorilla® Glass for enhanced durability and optics.



| SPECIFICATION | DETAIL |
|---|--|
| Product Name | LO552-S |
| Planar Part Number | 998-1484-01 |
| Viewable Size | 55" diagonal |
| Display Active Area | 47.6" (W) x 26.8" (H) (1209.6 mm x 680.4 mm) |
| Display Inactive Area (Left/Right/Top/Bottom) | 0.3" / 0.3" / 0.3" / 3.8" (6.9 mm / 6.9 mm / 6.9 mm / 95.5 mm) |
| Aspect Ratio | 16:9 |
| Display Resolution | 1920 x 1080, full HD |
| Display Type | Active Matrix Organic Light-Emitting Diode (AMOLED) |
| Surface Treatment | ERO (Extended Ruggedness and Optics) using Corning® Gorilla Glass® |
| Full Screen White Brightness | 150 cd/m ² (typ.) |
| Peak White Brightness | 400 cd/m ² (typ.) |
| Brightness, Uniformity | 20% |

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|--------------------------------|---|
| Transmissivity | 38% |
| Orientation | Landscape, Portrait, Inverted (Ceiling Mount), Tabletop, Tiled |
| Viewing Angle (typ) | 178° H,V |
| Contrast Ratio (typ) | >100k:1 |
| Response Time (typ) | <1 ms |
| Palette | 1.073 billion colors (10-bit) |
| Color Gamut | 120% of NTSC |
| Pixels per inch (PPI) | 40 |
| Pixel Pitch | 0.63 mm |
| Frame Rate | 120Hz |
| Video Inputs | HDMI® x4, DisplayPort x1 |
| External Connections | LAN RJ45, RS232, IR, Keypad, AC Power In, USB-A, USB-B |
| Audio Output | PC Line Out, S/PDIF |
| Dimensions (W x H x D) | 48.2" x 40.5" x 5.3" (1223.4 mm x 1029.8 mm x 134.0 mm) |
| Weight | 59.5 lbs (27.0 kg) |
| Power Requirements | 100 to 240VAC |
| Power Consumption (typ) | 97W (<1W standby) |
| Power Consumption (max) | 300W |
| Product Approvals | NRTL Listed, FCC-Class A, CE Class A, WEEE, RCM, PSE, EN60950 and CISPER22/2010, RoHS |
| Mount | No |
| Control and Monitoring | IR, RS-232, LAN, Keypad |
| Operating Temperature | 0° to 40°C |
| Humidity | 20-95% RH non-condensing |
| Options / Features | Fanless, TAA-Compliant, optional tray. Tiling/Video Wall configurations possible through optional external processor. Straight mount. |
| Warranty | 1 year |
| Recommended Usage | Up to 18 hours per day |
| UPC | 8 10689 00709 8 |

HDMI®

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For more information, please visit www.planar.com

Specifications are subject to change without notice.

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