



# Planar LookThru L0552

## Transparent OLED Display

The Planar® LookThru® OLED Display (LO552) 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 is set at a 90-degree angle to 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 features Planar® ERO-OLED™ (Extended Ruggedness and Optics™) technology featuring Corning® Gorilla® Glass for enhanced durability and optics.



| SPECIFICATION                                    | DETAIL   |
|--|--|
| Product Name                                     | LO552  |
| Planar Part Number                               | 998-1483-01  |
| Viewable Size                                    | 55" diagonal   |
| Display Active Area                              | 47.6" (W) x 26.8" (H) (1209.6 mm x 680.4mm)                        |
| Display Inactive Area<br>(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 <sup>2</sup> (typ.)                                       |
| Peak White Brightness                            | 400 cd/m <sup>2</sup> (typ.)                                       |
| Brightness, Uniformity                           | 20%  |
| Transmissivity                                   | 38%  |

|                                |   |
|--------------------------------|---|
| <b>Orientation</b>             | Landscape, Portrait, Inverted (Ceiling Mount), Tabletop, Tiled  |
| <b>Viewing Angle (typ)</b>     | 178° H,V  |
| <b>Contrast Ratio (typ)</b>    | >100k:1   |
| <b>Response Time (typ)</b>     | <1 ms   |
| <b>Palette</b>                 | 1.073 billion colors (10-bit)   |
| <b>Color Gamut</b>             | 120% of NTSC  |
| <b>Pixels per inch (PPI)</b>   | 40  |
| <b>Pixel Pitch</b>             | 0.63 mm   |
| <b>Frame Rate</b>              | 120Hz   |
| <b>Video Inputs</b>            | HDMI® x4, DisplayPort x1  |
| <b>External Connections</b>    | LAN RJ45, RS232, IR, Keypad, AC Power In, USB-A, USB-B  |
| <b>Audio Output</b>            | PC Line Out, S/PDIF   |
| <b>Dimensions (W x H x D)</b>  | 48.2" x 31.4" x 11.8" (1223.4 mm x 796.5 mm x 300.8 mm)   |
| <b>Weight</b>                  | 70.0 lbs (31.8 kg)  |
| <b>Power Requirements</b>      | 100 to 240VAC   |
| <b>Power Consumption (typ)</b> | 97W (<1W standby)   |
| <b>Power Consumption (max)</b> | 300W  |
| <b>Product Approvals</b>       | NRTL Listed, FCC-Class A, CE Class A, WEEE, RCM, PSE, EN60950 and CISPER22/2010, RoHS   |
| <b>Mount</b>                   | No  |
| <b>Control and Monitoring</b>  | IR, RS-232, LAN, Keypad   |
| <b>Operating Temperature</b>   | 0° to 40°C  |
| <b>Humidity</b>                | 20-95% RH non-condensing  |
| <b>Options / Features</b>      | Fanless, TAA-Compliant, optional tray. Tiling/Video Wall configurations possible through optional external processor. Standard mount. |
| <b>Warranty</b>                | 1 year  |
| <b>Recommended Usage</b>       | Up to 18 hours per day  |
| <b>UPC</b>                     | 8 10689 00708 1   |
| <b>HDMI®</b>                   | Planar utilizes HDMI® standards in this product. The terms  |

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

*Specifications are subject to change without notice.*

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