

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 tablemounted, 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.



Technical Specifications

Product Name	LO552-S
Planar Part Number	998-1484-00
Viewable Size	55" diagonal
Display Active Area	1209.6 mm (W) x 680.4mm (H) (47.6"x 26.8")
Display Inactive Area (Left/Right/Top/Bottom)	6.9 mm / 6.9 mm / 6.9 mm / 95.5 mm (0.3" / 0.3" / 0.3" / 3.8")
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%
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)	1223.4 mm x 1029.8 mm x 134.0 mm (48.2" x 40.5" x 5.3")
Weight	27.0 kg (59.5 lbs)
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
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