



# Planar L055-S

## Transparent OLED Display

The Planar® LookThru™ OLED display (LO55-S) is a 55-inch breakthrough transparent display that showcases dynamic information on a transparent surface glass without the need for a backlight or enclosure. The Planar LO55-S features a straight-mount design that allows the display to be built into custom fixtures. The Planar LO55-S utilizes Planar® ERO™ (Extended Ruggedness and Optics) using Corning® Gorilla Glass® for enhanced durability and optics.



SPECIFICATION	DETAIL
Product Name	LO55-S
Planar Part Number	997-8220-00
Viewable Size	55" diagonal
Display Active Area	47.6" (W) x 27.4" (H) (1210 mm x 697 mm)
Display Inactive Area (Left/Right/Top/Bottom)	0.2" / 0.2" / 0.3" / 3.9" (5.9 mm / 5.9 mm / 6.9 mm / 97.8 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>
Peak White Brightness	500 cd/m <sup>2</sup>
Brightness, Uniformity	20%
Transmissivity	45%
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	100% of NTSC
Pixels per inch (PPI)	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
<b>Dimensions (W x H x D)</b>	48.1" x 40.5" x 5.3" (1221.4 mm x 1029.3 mm x 133.4 mm)
<b>Weight</b>	63.5 lbs (28.8 kg)
<b>Power Requirements</b>	100 to 240VAC
<b>Power Consumption (typ)</b>	140W (<1W standby)
<b>Power Consumption (max)</b>	180W
<b>Service and Support</b>	TBD
<b>Product Approvals</b>	NRTL Listed, FCC-Class A, CE Class A, WEEE, RCM, PSE, REACH, EN60950 and CISPER22/2010, RoHS
<b>VESA Compatible/Location</b>	No
<b>Control and Monitoring</b>	IR, RS-232, USB, LAN, Crestron module
<b>Operating Temperature</b>	0° to 40°C
<b>Storage and Transport Temperature</b>	-20° to 65°C
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	95%
<b>Touch Technology</b>	Touch option available
<b>Lifetime: Typical</b>	30k hours (dynamic image at 25°C)
<b>Options / Features</b>	Fanless, TAA-Compliant, Energy Star, optional tray. Tiling/Video Wall configurations possible through optional external processor. Straight mount.
<b>Warranty</b>	1 year
<b>UPC</b>	8 10689 00305 2

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

*Specifications are subject to change without notice.*

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