Planar LO55-S-T

Interactive Transparent OLED Display

The Planar® LookThru® OLED display (LO55-S-T) is a 55-inch touch-screen transparent display that showcases interactive information on a transparent surface glass without the need for a backlight or enclosure. The Planar LO55-S-T features a straight-mount design that allows the display to be built into custom fixtures. The Planar LO55-S-T offers 32 touch points and utilizes Planar® ERO™ (Extended Ruggedness and Optics) using Corning® Gorilla Glass® for enhanced durability and optics.

SPECIFICATION	DETAIL
Product Name	LO55-ST
Planar Part Number	997-8245-01
Viewable Size	55" diagonal
Display Active Area	47.6" (W) x 26.8" (H) (1210 mm x 680 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/m² (typ.)
Peak White Brightness	500 cd/m² (typ.)
Brightness, Uniformity	20%
Transmissivity	45%
Orientation	Landscape, Portrait, Inverted (Ceiling Mount), Tabletop
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
Pixel Pitch	0.63 mm

Frame Rate	120Hz
Video Inputs	HDMI x4, DisplayPort x1
External Connections	LAN RJ45, RS232, IR, Keypad, AC Power In
Dimensions (W x H x D)	50.6” x 41.6” x 5.7” (1285 mm x 1058 mm x 143 mm)
Bezel Width	1.5” (L) x 1.4” (T) x 1.5” (R) x 4.1” (B) (37.9 mm x 35.2 mm x 37.9 mm x 103.9 mm)
Weight	74.6 lbs (40.0 kg)
Power Requirements	100 to 240VAC
Power Consumption (typ)	140W (<1W standby)
Power Consumption (max)	180W
Service and Support	TBD
Product Approvals	NRTL Listed, FCC-Class A, CE Class A, WEEE, RCM, PSE, EN60950 and CISPER22/2010, RoHS
VESA Compatible/Location	No
Control and Monitoring	IR, RS-232, USB, LAN, Crestron module
Operating Temperature	0º to 40ºC
Storage and Transport Temperature	-20º to 65ºC
Storage Temperature/Humidity (degrees F/C, relative humidity)	95%
Touch Technology	32 pt IR touch
Lifetime: Typical	30k hours (dynamic image at 25ºC)
Options / Features	Fanless, TAA-Compliant, Energy Star, optional tray. Tiling/Video Wall configurations possible through optional external processor. Straight mount.
Warranty	1 year
UPC	8 10689 00307 6

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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