



# Planar TWS0.9

## LED Video Wall

The Planar® TWS0.9 is a fine pitch LED video wall display with a 0.9 millimeter pixel pitch. With a 27" cabinet, it features a 16:9 aspect ratio designed for Ultra HD resolution, is easy to handle and install, and works nicely for concave video walls. The Planar TWS0.9 combines outstanding image quality, low power consumption and a mission-critical design with redundant power and video options.



SPECIFICATION	DETAIL
Product Name	TWS0.9
Pixel Pitch	0.9375mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	640 x 360
LEDs per Cabinet	230,400
Pixel Density	1,137,777 / sq m   105,700 / sq ft
Cabinet Size (W x H x D)	600 x 337.5 x 95mm   23.62 x 13.28 x 3.74in
Cabinet Diagonal	688.5mm   27.1 in
Cabinet Area	0.2025 sq m   2.18 sq ft
Modules/Cabinet (W x H)	4 x 2
Module Resolution	160 x 180
LEDs per Module	28,800
Module Size	150 x 168.75mm   5.91 x 6.64in
Brightness Max (cd / sq m)	>800
Power Consumption, Maximum (watts)	140 / Display   700 / sq m
Power Consumption, Typical (watts)	48 / Display   240 / sq m
Line Voltage	100-240V AC, 50/60Hz autoranging
Cabinet Weight (per display)	4.7 kg   10.4 lb
Cabinet Weight (per m <sup>2</sup> )	23.3 kg / sq m   51.2 lbs / sq m
Contrast Ratio	> 6,000:1

<b>Brightness Uniformity</b>	>97%
<b>Color Uniformity</b>	>97%
<b>Color Gamut</b>	100% NTSC
<b>LED Refresh Rate</b>	1920 Hz
<b>Color Temperature, Adjustable (k)</b>	3,200 - 9,300
<b>Viewing Angle, Horizontal</b>	160°
<b>Viewing Angle, Vertical</b>	140°
<b>LED Surround</b>	Black Solder Mask
<b>Video Inputs</b>	2x HDMI in, 2x HDMI out; HDCP Compliant
<b>Video Input Resolution Maximum</b>	1920 x 1080 @ 60Hz
<b>Frame Rate</b>	50, 60Hz
<b>Control Input Type</b>	RS232 or Ethernet
<b>Gray Scale Processing</b>	16-bit
<b>Service Access</b>	Rear
<b>LED Lifetime: Typical</b>	100,000 hrs
<b>Environment</b>	Indoor
<b>Power Supply</b>	Single. Dual optional
<b>Protection</b>	IP30, Planar® ERO-LED™ Technology (optional)
<b>Acoustic Noise</b>	Fanless Operation
<b>Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing</b>	-10° to 40° C   -14° to 104° F
<b>Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing</b>	-20° to 60° C   -4° to 140° F
<b>Regulatory Compliance</b>	NRTL UL 60950-1, FCC Class A, CE EN60950-1, EN 55032 Class A and EN 55024, WEEE, CISPR 32/2015

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

*Specifications are subject to change without notice.*

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