Planar TWA0.9

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The Planar® TWA0.9 is a fine pitch LED video wall display with a 0.9 millimeter pitch. The Planar TWA0.9 delivers benefits unique to its “flat panel” design including enhanced image quality, a 16:9 form factor optimized for the most popular high resolutions, ease of installation and service, and outstanding flatness and uniformity. With a power-efficient design, the Planar TWA0.9 significantly reduces power utilization while delivering high resolution image quality.

SPECIFICATION	DETAIL
Product Name	TWA0.9
Pixel Pitch	0.9375mm
LED Type	Commercial grade 3-in-1 Black SMD
Cabinet Resolution	1280 x 720
LEDs per Cabinet	921,600
Pixel Density	1,137,777 / sq m | 105,700 / sq ft
Cabinet Size (W x H x D)	1200 x 675 x 100mm | 47.24 x 26.57 x 3.94in
Cabinet Diagonal	1377mm | 54.21in
Cabinet Area	0.81 sq m | 8.718 sq ft
Modules/Cabinet (W x H)	10 x 4
Module Resolution	128 x 180
LEDs per Module	23,040
Module Size	120 x 168.75mm | 6.61 x 6.64in
Power Consumption, Maximum (watts)	440 / Cabinet | 543 / sq m

Power Consumption, Typical (watts)	132 / Cabinet | 162 / sq m
Line Voltage	100-240V AC, 50/60Hz autoranging
Cabinet Weight (per display)	30 kg | 66.1 lb
Cabinet Weight (per m²)	37 kg / sq m | 81.6 lbs / sq m
Brightness Max (cd / sq m)	600
Contrast Ratio	> 6,000:1
Brightness Uniformity	>97%
Color Uniformity	>97%
Color Gamut	100% NTSC
LED Refresh Rate	1920 Hz
Color Temperature, Adjustable (k)	3,200 - 9,300
Viewing Angle, Horizontal	160°
Viewing Angle, Vertical	140°
LED Surround	Black Solder Mask
Video Inputs	2x HDMI in, 2x HDMI out; HDCP Compliant
Video Input Resolution Maximum	1920 x 1080 @ 60Hz
Frame Rate	50, 60Hz
Control Input Type	RS232 or Ethernet
Gray Scale Processing	16-bit
Service Access	Rear
LED Lifetime (Half Brightness)	100,000 hrs
Environment	Indoor
Power Supply	Single. Dual optional
Protection	IP30, Planar® ERO-LED™ Technology (optional)
Acoustic Noise	Fanless Operation
Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing	-10° to 40° C | 14° to 104° F
Storage Temperature/Humidity (degrees F/C) 10-85% relative	-20° to 60° C | -4° to 140° F

humidity, non-condensing	
Regulatory Compliance	NRTL UL 60950-1, FCC Class A, CE EN60950-1, EN 55032 Class A and EN 55024, WEEE, CISPR 32/2015
Warranty	3 years; 24-hour customer service
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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