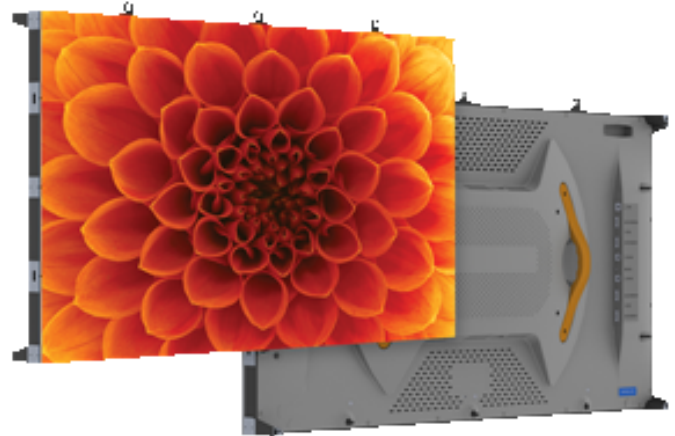




Planar TWA1.8

LED Video Wall

The Planar® TWA1.8 is a fine pitch LED video wall display with a 1.8 millimeter pitch. The Planar TWA1.8 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 TWA1.8 significantly reduces power utilization while delivering additional image optimization features.



| SPECIFICATION | DETAIL |
|--------------------------------------|--|
| Product Name | TWA1.8 |
| Pixel Pitch | 1.875mm |
| LED Type | Commercial grade 3-in-1 Black SMD |
| Cabinet Resolution | 640 x 360 |
| LEDs per Cabinet | 230,400 |
| Pixel Density | 284,444 / sq m 26,422 / sq ft |
| Cabinet Size (W x H x D) | 1,200 x 675 x 100mm 47.24 x 26.57 x 3.94in |
| Cabinet Diagonal | 1,377mm 54.21in |
| Cabinet Area | 0.81 sq m 8.718 sq ft |
| Modules/Cabinet (W x H) | 5 x 4 |
| Module Resolution | 128 x 90 |
| LEDs per Module | 11,520 |
| Module Size | 240 x 168.75mm 9.44 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 m ²) | 37 kg / sq m 81.6 lbs / sq m |

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| Brightness Max (cd / sq m) | 800 |
| Contrast Ratio | > 6,000:1 |
| Brightness Uniformity | >97% |
| Color Uniformity | >97% |
| Color Gamut | 100% NTSC |
| LED Refresh Rate | 5100 Hz |
| Color Temperature, Adjustable (k) | 3,200 - 9,300 |
| Viewing Angle, Horizontal | 160° |
| Viewing Angle, Vertical | 140° |
| LED Surround | Planar® MicroGrid Shader™ |
| 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: Typical | 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 humidity, non-condensing | -20° to 60° C -4° to 140° F |
| Regulatory Compliance | 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

Specifications are subject to change without notice.

Specification Report Date: 12/8/2021

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