# Leyard TW2.5
## LED Video Wall

The Leyard® TW Series is a line of fine pitch LED video walls available in 1.2, 1.8 and 2.5 millimeters pitches. The Leyard TW Series is architected to support the highest pixel density and deliver benefits unique to its "flat panel" design including a 16:9 form factor optimized for the most popular high resolution standards, ease of installation and service, and outstanding flatness and uniformity.

| SPECIFICATION | DETAIL |
|---|---|
| Product Name | TW2.5 |
| Planar Part Number | TW2.5 |
| Pixel Pitch | 2.500mm |
| Resolution (per LED Cabinet) | 480x270 |
| Pixel Density (Pixels per LED Cabinet) | 129,600 |
| Pixel Density | 14,862 per sq. foot (160,000 per sq. meter) |
| LED Type | 3-in-1 Black SMD |
| Pixel Configuration | SMD 3-in-1 (1R1G1B) |
| LED Configuration | 1 Red, 1 Green, 1 Blue |
| Brightness, Uncalibrated, Calibrated | NA, 600 nits |
| Brightness, Uniformity | 97% |
| Viewing Angle, Horizontal | 160° |
| Viewing Angle, Vertical | 140° |
| Color Space | 92% NTSC |
| Color Uniformity | 97% |
| Color Temperature, Adjustable (k) | 3,000-10,000 |
| Contrast Ratio | 6,000:1 |
| Frame Rate | 50, 60 Hz |
| LED Refresh Rate | 5,100 Hz |

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|---|---|
| **Power Consumption, Maximum (watts)** | 470/cabinet, 580 per sq. meter |
| **Power Consumption, Typical (watts)** | 160/cabinet, 200 per sq. meter |
| **Runtime Duty Cycle** | 24x7 |
| **LED Lifetime** | 50,000 hours |
| **Acoustic Noise** | Fanless Operation |
| **Operating Temperature/Humidity (degrees F/C, relative humidity)** | +14° to +104°F (-10° to +40°C) at 10-80% RH |
| **Storage Temperature/Humidity (degrees F/C, relative humidity)** | -4° to 140°F (-20° to +60°C) at 10-85% RH |
| **LED Cabinet Size (W x H x D)** | 47.24" x 26.57" x 3.94" (1,200 mm x 675 mm x 99 mm) (cabinet only, not including mount) |
| **LED Cabinet Diagonal** | 54.21" (1,377 mm) |
| **LED Cabinet area** | 8.72 sq. feet (0.81 sq. meters) |
| **LED Cabinet Weight** | 24.5 per cabinet, 30.3 per sq. meter |
| **Warranty** | 2 year limited warranty |
| **Adjustable Mount** | Optional |
| **Environment** | Indoor |
| **Redundancy** | Optional dual power supply, optional redundant video cabling |
| **Line Voltage** | 100-240 Volts AC, 50 & 60Hz |
| **Video Input Type** | HDMI |
| **Video Input Resolution Maximum** | 1920x1080 @ 50, 60 Hz |
| **Display Control** | Leyard® Control Software included |
| **Control Input Type** | RS232 or Ethernet |
| **LED Surround** | Black |

For more information, please visit www.planar.com

*Specifications are subject to change without notice.*

*Specification Report Date: 2/17/2019*