



# 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

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

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

*Specifications are subject to change without notice.*

*Specification Report Date: 11/14/2018*

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