

Leyard uEV5

LED Video Wall

The Leyard® uEV Series is a line of high-impact, large format LED video walls available in 4, 5 and 6 millimeter pitches that are ideal for indoor digital signage applications. The Leyard uEV Series is highly reliable and easy to maintain, providing 24x7 operation. With front serviceability, durable quality and superb LED technology, the Leyard uEV Series provides a viewing experience that is unmatched in the marketplace.



SPECIFICATION	DETAIL
Product Name	uEV5-G
Planar Part Number	uEV5-G
Pixel Pitch	5.0mm
Resolution (per LED Cabinet)	144x192
Pixel Density (Pixels per LED Cabinet)	27,648
Pixel Density	3,716 per sq. foot (40,000 per sq. meter)
LED Type	3-in-1 SMD
Pixel Configuration	SMD 3-in-1 (1R1G1B)
LED Configuration	1 Red, 1 Green, 1 Blue
Brightness, Uncalibrated, Calibrated	800-1,000 nits
Brightness, Uniformity	97%
Viewing Angle, Horizontal	160°
Viewing Angle, Vertical	160°
Color Uniformity	within $\pm 0.003C_xC_y$
Color Temperature, Adjustable (k)	3,200-9,300, adjustable
Contrast Ratio	1,000:1
Frame Rate	50, 60 Hz
LED Refresh Rate	1,920 Hz
Power Consumption, Maximum (watts)	380/cabinet, 550 per sq. meter
Power Consumption, Typical (watts)	185 per sq. meter

Runtime Duty Cycle	24x7
LED Lifetime	50,000 hours
Lifetime: Typical	100,000 hours to half brightness
Acoustic noise	Fanless Operation
Operating Temperature/Humidity (degrees F/C, relative humidity)	+32° to +104°F (-10° to +40°C) at 10-80% RH
Storage Temperature/Humidity (degrees F/C, relative humidity)	+14° to +122°F (-10° to +50°C) at 10-70% RH
LED Cabinet Size (W x H x D)	28.35" x 37.80" x 5.35" (720 mm x 960 mm x 136 mm) (cabinet only, not including mount)
LED Cabinet Diagonal	47.24" (1,200 mm)
LED Cabinet area	7.44 sq. feet (0.6912 sq. meters)
LED Cabinet Weight	99.2 lbs (45 kg)
Warranty	2 year limited warranty
Environment	Indoor
Line Voltage	110-240 Volts AC, 50 & 60Hz
Video Input Type	HDMI, DVI
Video Input Resolution Maximum	2560x1600 @ 60 Hz
Regulatory Compliance	UL, CE, FCC
Display Control	Leyard® Control Software included
Control Input Type	USB
Resolution (per LED Display Module)	48 x 48
LED Display Module Size (W x H x D)	9.5" x 9.5" x 0.6" (240 mm x 240 mm x 16 mm)
LED Display Module Weight	1.2 lb (0.55 kg)
Power Consumption, Maximum (watts)	28 per module
LED Display Module Configuration	3 x 4
Aluminum Frame Weight	43 lbs (19.5 kg) per cabinet 62.2 lbs (28.2 kg) per sqm

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 8/22/2017

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