



1.8 Fine Pixel Pitch Indoor Fixed LED Video Wall VWLED18



Module

Pixel Pitch:	P1.8
Resolution (W*H):	80*180
Dimensions (mm):	150*337.5*2

Unit

Dimensions (mm):	600*337.5*27.2
Modules Component (W*H):	4*1
Resolution (W*H):	320*180
Weight (lbs/pcs):	9.7lbs
Area (m²):	0.2025
Pixel Density (pitch/m²):	284444
Surface Evenness (m²):	≤0.1
Material:	Die-cast Aluminum

Processing Performance

Grayscale:	16bit
Scanning Mode(s):	60
Drive Mode:	Constant Current Driving
Frame Frequency (Hz):	50/60
Refresh Rate (Hz):	3840

Electrical

Power Supply (V):	AC 100 to 240V, 50/60Hz
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Electrical (continued)

**Average Pwr Consumption
(W/m²):**

≤180

Max Pwr Consumption (W/m²):

≤430

Optical

**Single Pixel Brightness
Correction:**

Support

Single Pixel Color Correction:

Support

Brightness (nits):

600

Color Temperature (K):

3000 to 10000 adjustable

Viewing Angle (H/V):

160°/140°

Center Distance Deviation of LED:

<2.5%

Brightness Uniformity:

≥97%

Color Uniformity (Cx, Cy):

±0.003Cx, Cy

Contrast Ratio:

4000:1

General

Maintenance Mode:

Front maintenance

Ingress Protection:

IP5X

Operating Temperature:

14°F to 104°F

Operating Humidity:

10% to 85% RH non-condensing

Storage Temperature:

14°F to 131°F

Storage Humidity:

10% to 90% RH non-condensing

LED Lifetime (h):

100000