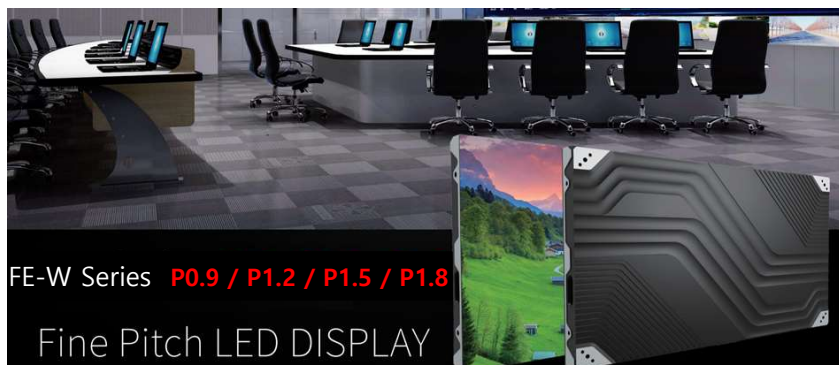




Fine Pitch LED Display System

FE-W Series

- Fine Image – Leading technology of high gray level for detailed image gradation
- Superior visual – Wide color gamut coverage for vivid image presentation
- Brilliant design – Die-casting aluminum design with 16:9 aspect ratio to present high definition image
- Great Versatility – Front serviceable module option to fit in with the available space
- Long lifespan– 100,000 hrs service life with 24/7 operation



FE-W Series P0.9 / P1.2 / P1.5 / P1.8

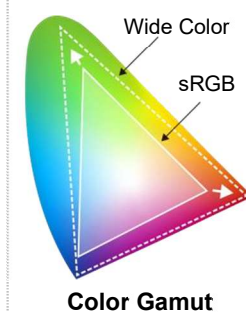
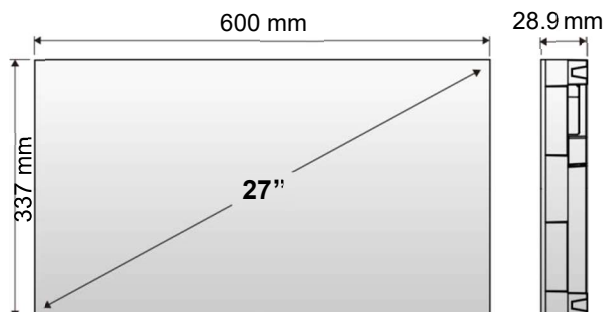
Fine Pitch LED DISPLAY



FE-W Series

Delta FE-W series using good circuit design techniques to achieve a wide range of colors, excellent color uniformity and high gray level for detailed image gradation. The superior gray level performance can present all detail even in viewing lower light level content. The unique design of de-ghost circuit can also prevent LED damaged by reverse bias.

Die-cast aluminum design and the use of CNC precision machining make the flatness of the screen to be perfect and optimize for 16:9 aspect ratio. FE Series LED video wall displays easily scale for existing Full HD content and sources, Surface with glue.



sRGB

Wide Color

Specifications

Product Name		FE-W18	
Pixel Pitch (mm)		1.875	
LED Type (black or white SMD/TH)		Fully flip chip COB	
Pixel Density (pixels/m ²)		284,444	
Brightness (cd/m ²)	Native (max)	800	1000
	Calibrated	600	800
Dimming Capability		0~255 level	
Contrast Ratio		10,000: 1	12,000: 1
Refresh Rate		3,840Hz	
Gray Scale		≥ 16 bits	
Colors		281 Trillion	
Viewing Angle	Horizontal	180° (+/-90°)	
	Vertical	180° (+/-90°)	
Lifetime		100,000 hrs	
Power Input		AC 100~240V, 47~63 Hz	
Power Consumption (Calibrated)	Max. (W/cabinet)	≤ 38 W	≤ 48W
	Avg. (W/cabinet)	≤ 20W	≤ 23W
Cabinet Size (W x H x D)		600 x 337.5 x 29.8 mm (23.62 x 13.29 x 1.17 inch)	
Weight (Kg/cabinet)		4 +/- 0.1	
Temperature	Operating	-10°~45°C (14°~113°F)	
	Storage	-40°~60°C (-40°~140°F)	
Relative Humidity	Operating	10%~80%	
	Storage	10%~90%	
Service Access		Front *	
IP Grade		Front IP65 / Rear IP50	
Certification		CB, CE, BIS	

Ver: 133C833

* Rear access is available.

※ All specifications are subject to change without prior notice.