

FI SERIES OUTDOOR LED DISPLAY DESIGNED FOR NORTH AMERICA

NewStar
Display Solution

MODEL NO.: FI840

OUTDOOR LED SIGNS & DIGITAL BILLBOARDS

HIGH PRECISION ALUMINUM FRAME

STANDARD MODULE SIZE 1 FT X 1 FT

HIGH BRIGHTNESS & HIGH CONTRAST

REAL IP 65 FRONT AND REAR

SUPPORT CUSTOM MADE DEMAND



FEATURES



ENERGY SAVING



HIGH CONTRAST RATIO



HIGH BRIGHTNESS



EASY MAINTENANCE



IP 65 WATER PROOF



HIGH-DEFINITION DISPLAY

Module Size

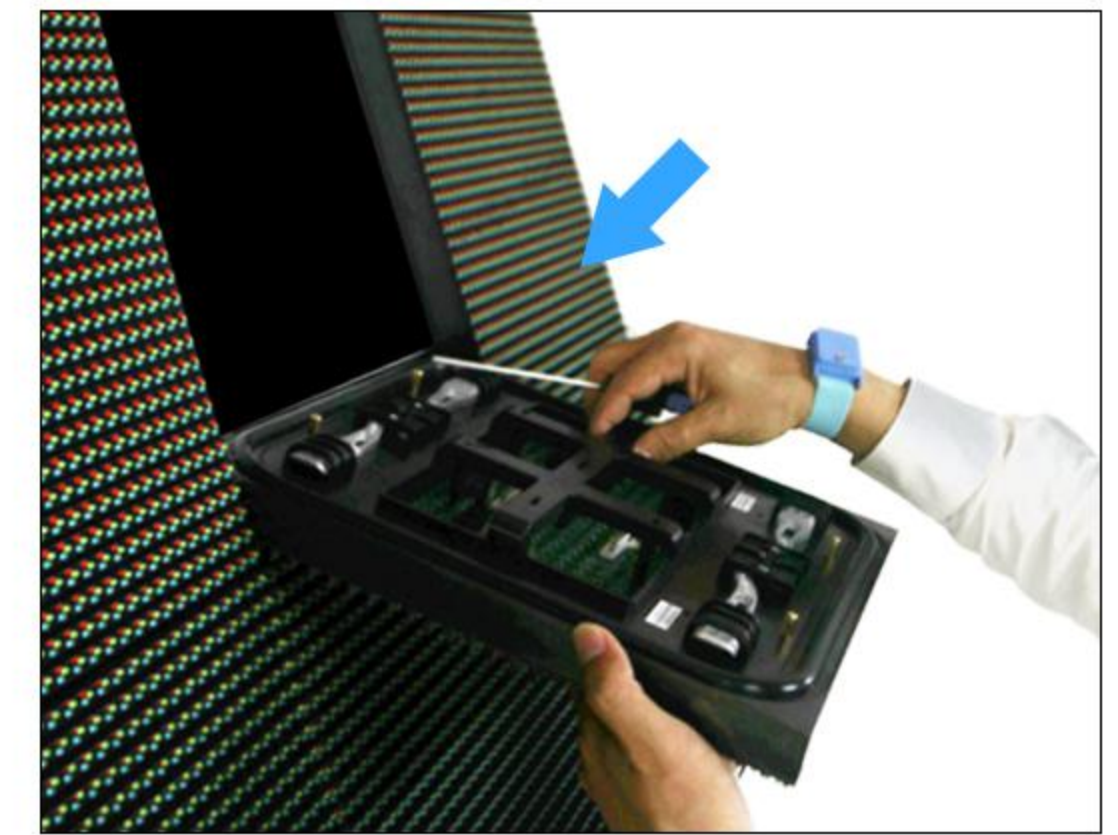
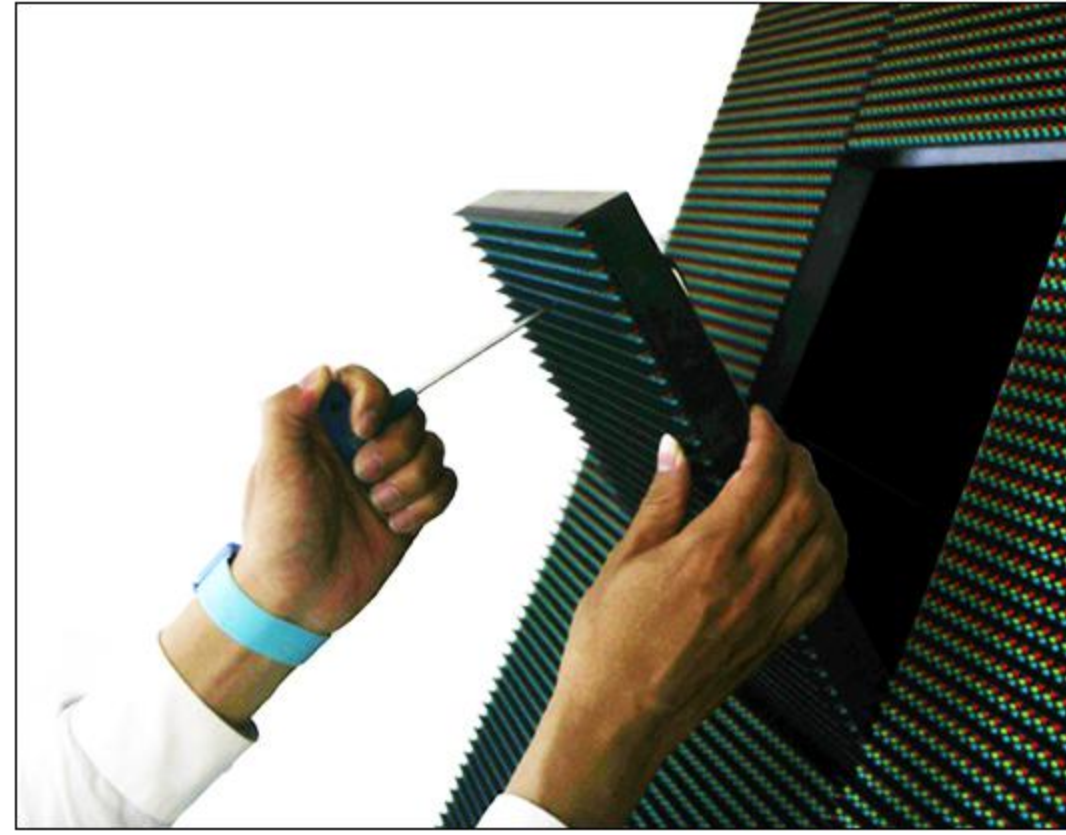
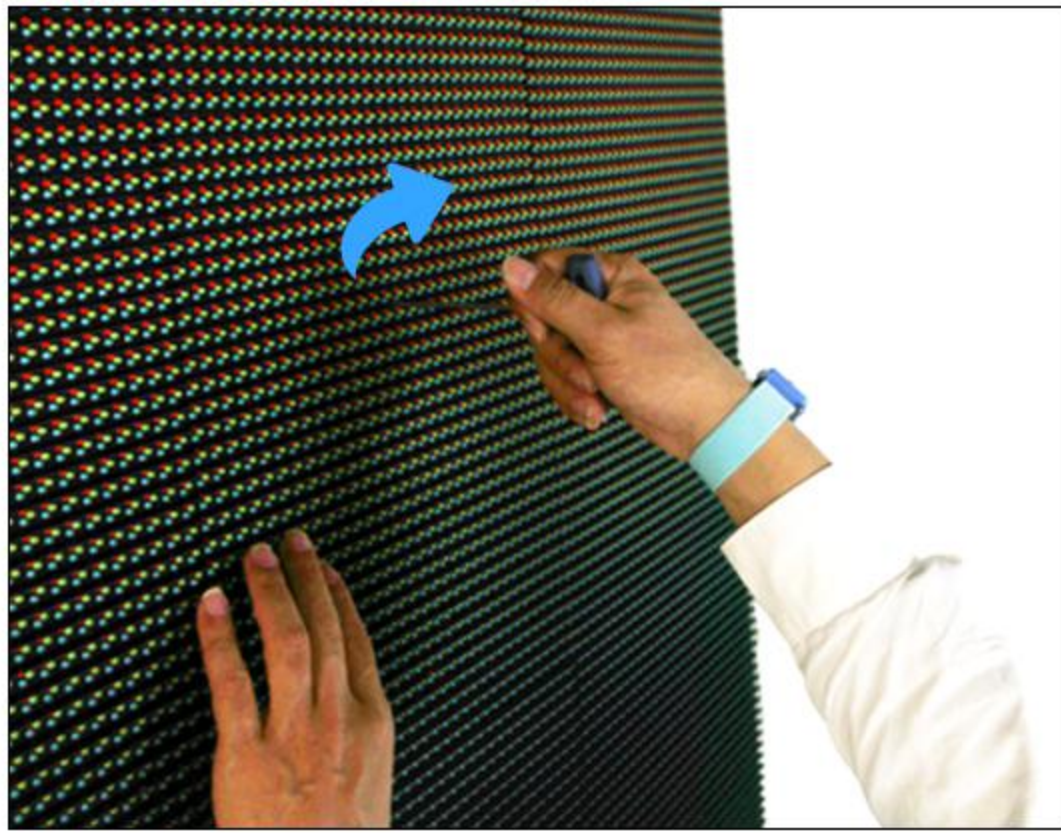


Customized Panel Size



	ITEMS	PARAMETERS
Physical Parameters	LED Configuration	SMD2727
	Pixel Pitch (mm)	8.46
	Module Resolution(dots)	36x36
	Panel Resolution(dots)	Customized
	Pixel Density (dots /m ²)	13,924
	Module Size (W x H x D) /(mm)	1'x1'(304.8mmx304.8mm)
	Panel Dimension (W x H x D) /(mm)	Customized
	Panel Material	Aluminum
	Panel Module Composition(W xH)	Customized
	Panel Weight(Per/ sqm)	40
	Module Weight(Per/kg)	1
Optical Processing	Color processing (Bit)	16
	Grey Level	65536
	Refresh Rate (Hz)	≥1920
	Driving Mode(scan)	1/4
	Brightness (nit)	6500
	Viewing Angle (H/V)	140/140
Electrical Parameters	Input Voltage (V)	AC110/220V±10%
	Input Power Frequency (Hz)	50/60
	Max Power (W/m ²)	880
	Average Power (W/m ²)	290
Operating Environment	Storage Temperature (°C)	From -10 to 40
	Operating Temperature (°C)	From -20 to 50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating	IP65/IP54
	Lifetime (hrs)	100000
	Usage Environment	outdoor fixed installation
	Panel Maintenance Method	Front/Rear Maintenance
Certification	CE/ RoHS/CCC/UL/	

01 Fast And Easy Maintenance



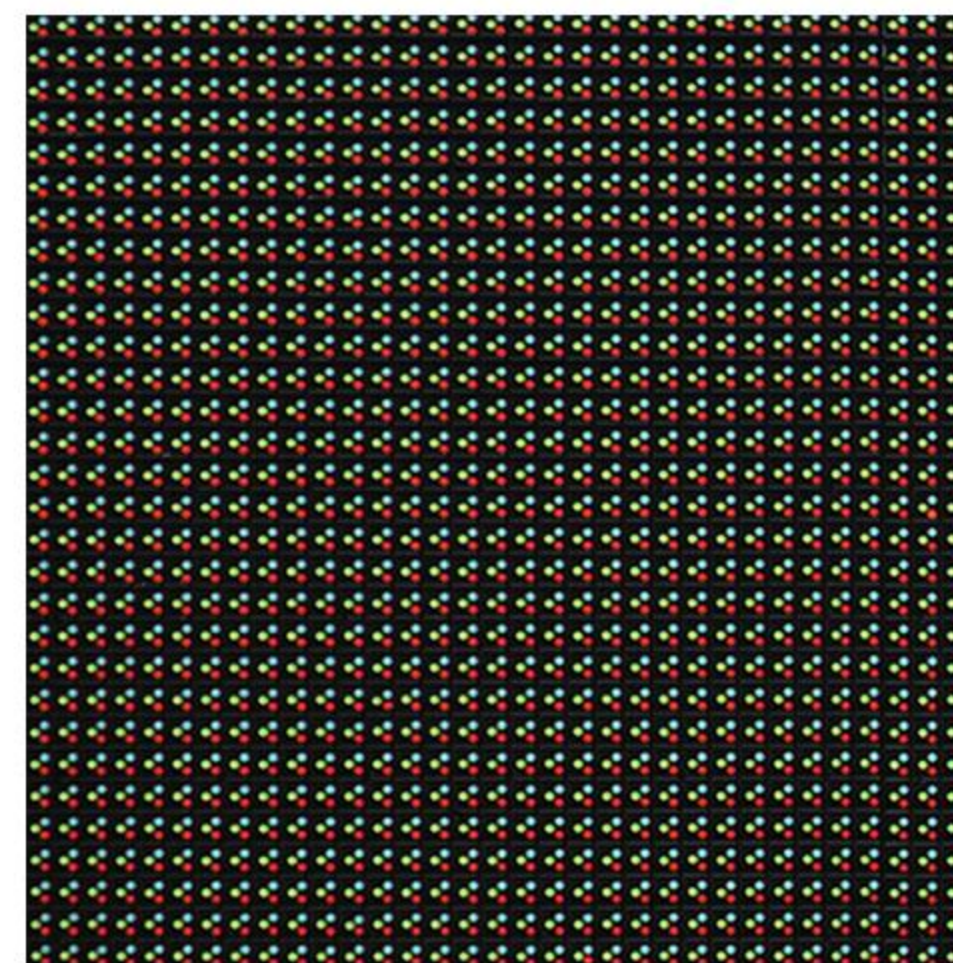
- Step 1: Use "T" Wrench and insert one hole of the module then rotate "T" wrench in anti-clockwise direction to unlock.
- Step 2: Repeat step 1 on the other hole to release the module separate from cabinet easily.
- Step 3: Disconnect power & data cable.

High Quality LEDs

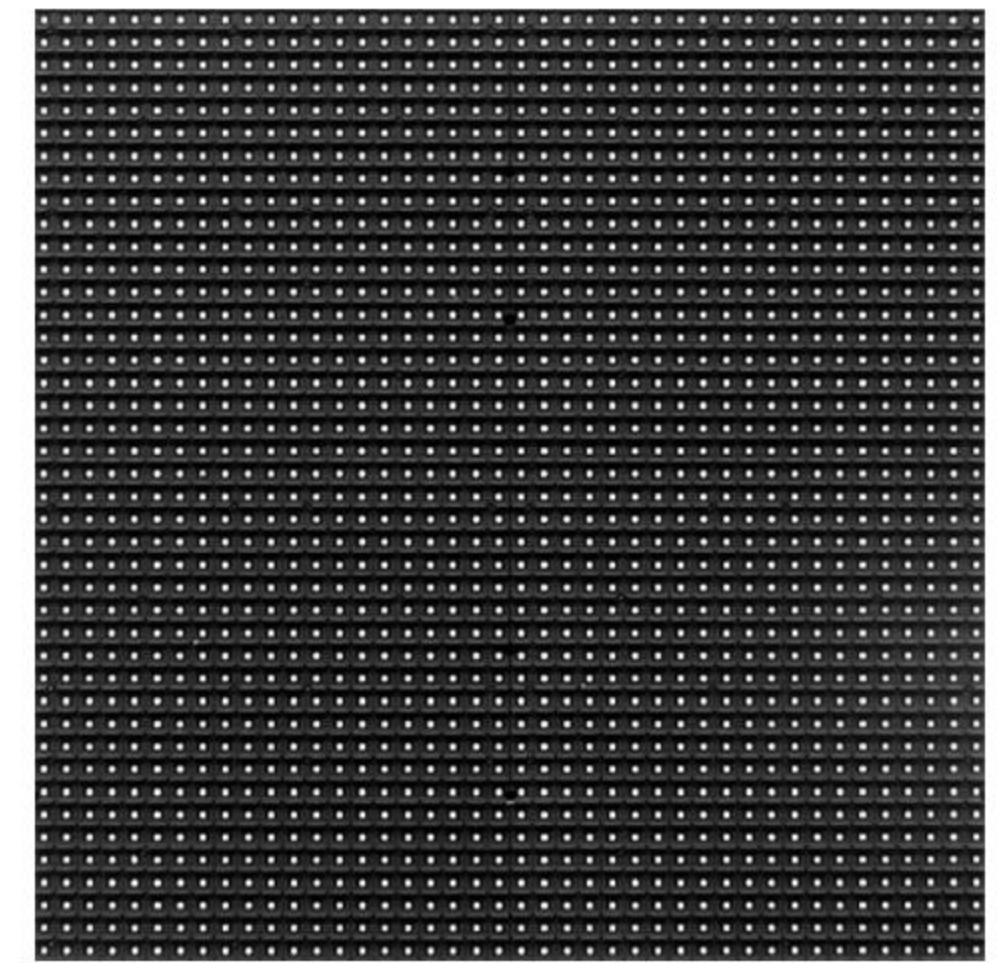
02



High Brightness & High Contrast



DIP LED Lights



SMD LED Lights

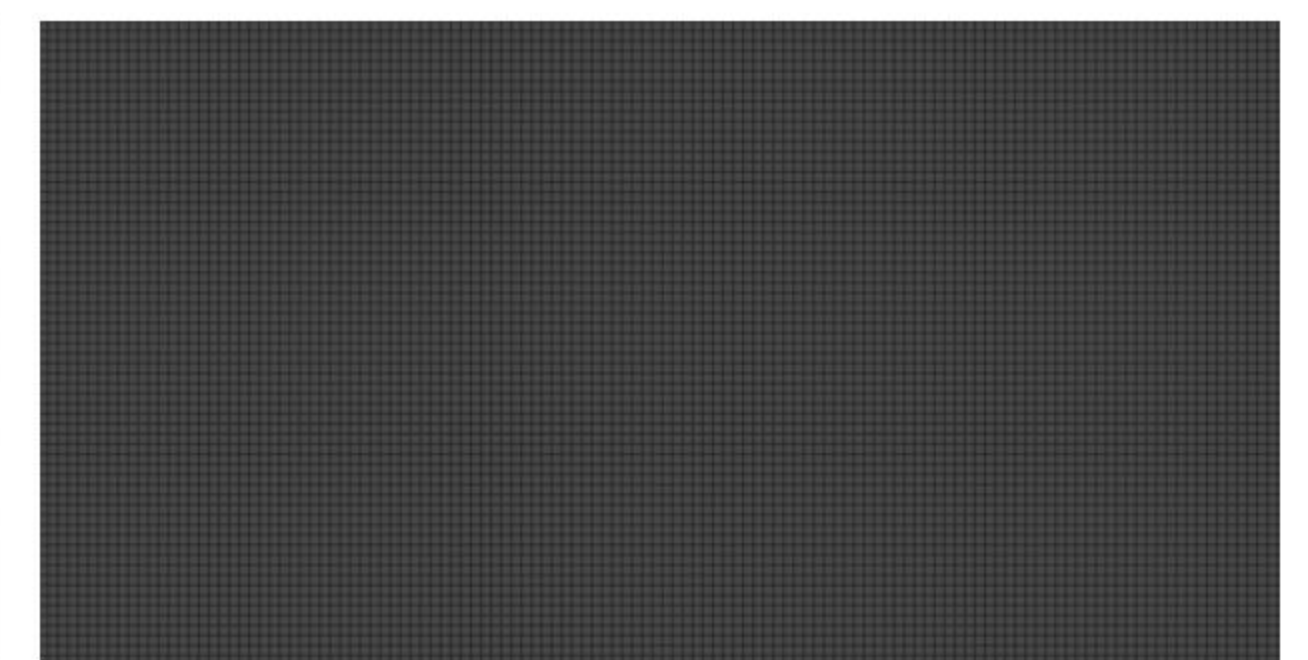
03 Custom Made Display Solution



Standard Module Size 1ft x 1ft

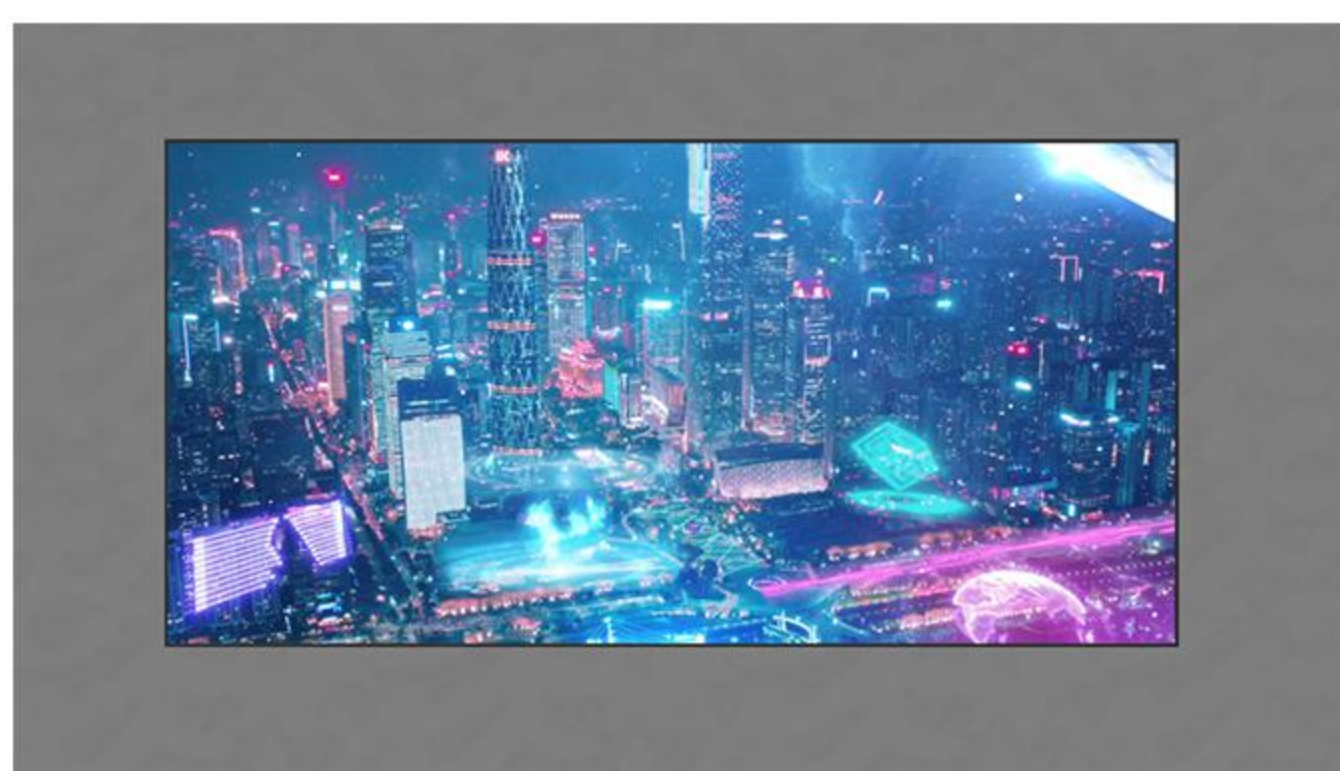


Flexibly designed for kinds of panel



Flexible Sizes & Installation Methods

04



Wall-mounted Installation Mode



Pillar Installation Mode