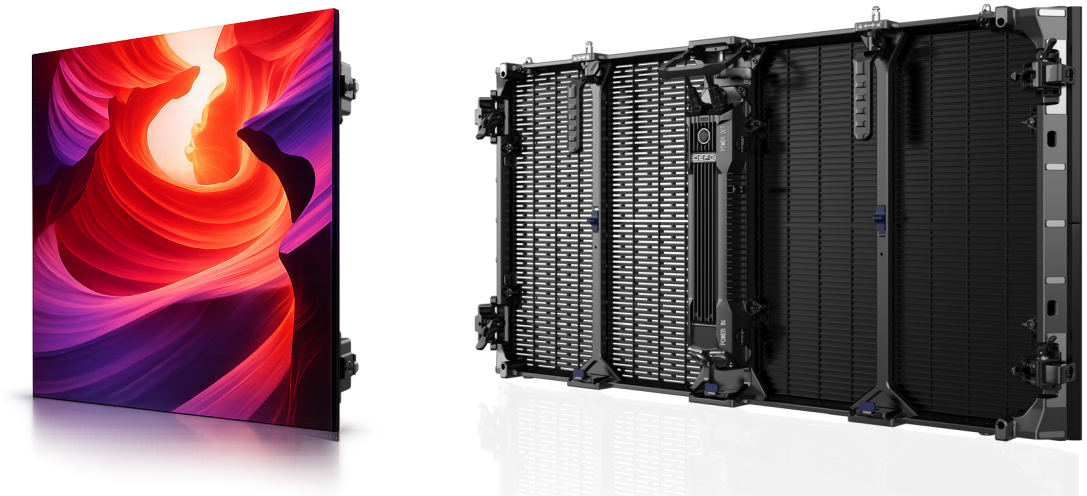


LM Series

Shutter-Based Outdoor Transparent LED Display

Touring | Concert | Events | Office Building

Product Specifications

Specifications	LM 39780	
Pixel Pitch (mm)	P3.9-7.8	
LED Type	SMD1921	
Application	Indoor / Outdoor	
Module Size (mm)	500x250	
Module Resolution (pixel)	128x32	
Cabinet Size (mm)	1000 x 500 x 80	500 x 500 x 80
Cabinet Resolution (pixel)	256x64	128 x 64
Pixel Density (pixel / m^2)	32,768	
Brightness (cd/m^2)	3,500 (black lamp) / 5,000 （white lamp）	
Refresh Rate (Hz)	7,680	
Contrast Ratio	10,000 : 1	
Gray Scale (Bit)	16bits	
Power Consumption (W/m^2) Max./Avg.	660 / 220	
Viewing Angle (H/V)	140° / 140°	
IP Rate (Front/Back)	IP65 / IP65	
Maintenance Type	Front / Back	
Cabinet Material	Die-cast aluminum for cabinet frame / magnesium alloy for power box	
Cabinet Weight (Kg)	8.7	6.1
Life Span (Hr)	≥100,000	
Curve	0, ±5, ±10, ±15	
Installation Method	Stacking / Hanging	

Key Features

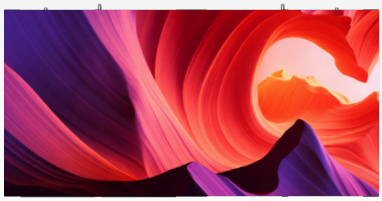
One-Button Shutter Transparent

- One-button shutter switch, instantly switch between transparent and solid modes
- High transparency design, supporting up to 40% transparency
- Suitable for both indoor and outdoor applications with minimal visual obstruction



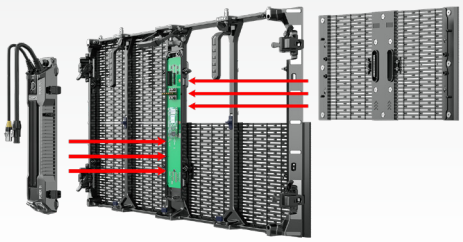
Smooth to the Eye, Rich in Detail

- 7,680 Hz high refresh rate for stable, flicker-free images
- Standard 10,000:1 contrast ratio and 16 bits color depth for rich colour depth
- Reliable high brightness display over 3,500 nits for crystal-clear visibility



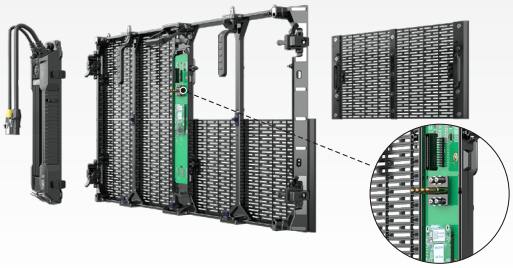
Designed for Ease, Built for Speed

- Large ergonomic handles improve handling comfort and installation efficiency
- Individual cabinets can be independently removed from any position within the screen
- Secure locking system prevents accidental release
- Supports front and back service access



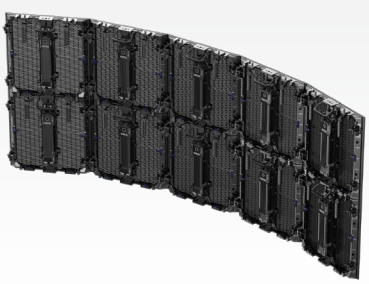
Design & Materials & Reliability

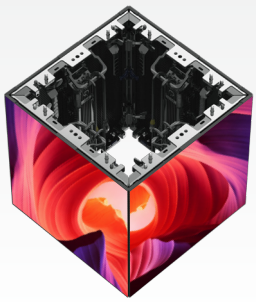
- Integrated driver IC for efficient heat dissipation
- 3 µm gold-plated connectors for stable signal and power transmission
- 6-layer PCB structure improves thermal distribution and long-term reliability



Shape Your Vision

- Compatible with mis-location splicing for creative layouts with 1000×500 mm & 500×500 mm cabinet
- Standard curve-lock design at ±15°, maintains perfect flatness during curved installation
- Support 90° cube installation







DEFG Co., Ltd (Head office)
Address : 1467/8 The Rice, 5th Floor, Room No.505,
Phahonyothin Road, Phayathai, Phayathai, Bangkok 10400, Thailand

www.defg.co.th @DEFG 02-106-0001

Ver.2604-01