

P2.0 Indoor Fine Pixel LED Display

MW7820-FI-FS



Features

- Advanced grayscale gives detailed and realistic images.
- Simple and stylish appearance, easy to install.
- High brightness and contrast provide optimal images.
- Takes up less space with a slim and compact design.
- Long lifetime.
- Low heat, excellent heat dissipation, no noise.
- Low failure rate and maintenance cost.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.
- High refresh rate and frame frequency provide high image quality without ghosting or smearing.
- Front maintenance.

Specifications

Model	MW7820-FI-FS
Module	
Pixel Pitch	P2
Module Resolution (W × H)	160 × 80
Module Dimensions (mm)	320 × 160
Cabinet	
Cabinet Resolution (W × H)	320 × 240
Cabinet Dimensions (W × H × D) (mm)	640 × 480 × 64.5
Modules Component (W × H)	2 × 3
Material	Die-cast aluminum

Processing Image

Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	450
Contrast Ratio	4000:1
Color Temperature (K)	6500 to 9300 adjustable
Viewing Angle (H/V)	160°/140°
Center Distance Deviation of LED	<3%
Brightness Uniformity	≥97%
Color Uniformity (Cx, Cy)	±0.003

Processing performance

Pixel Density (pitch/mm)	250000
Surface Evenness (mm)	≤0.2
Grayscale (bit)	12
Scanning Mode (S)	40
Drive Mode	Constant current driving
Refresh Rate (Hz)	≥3840

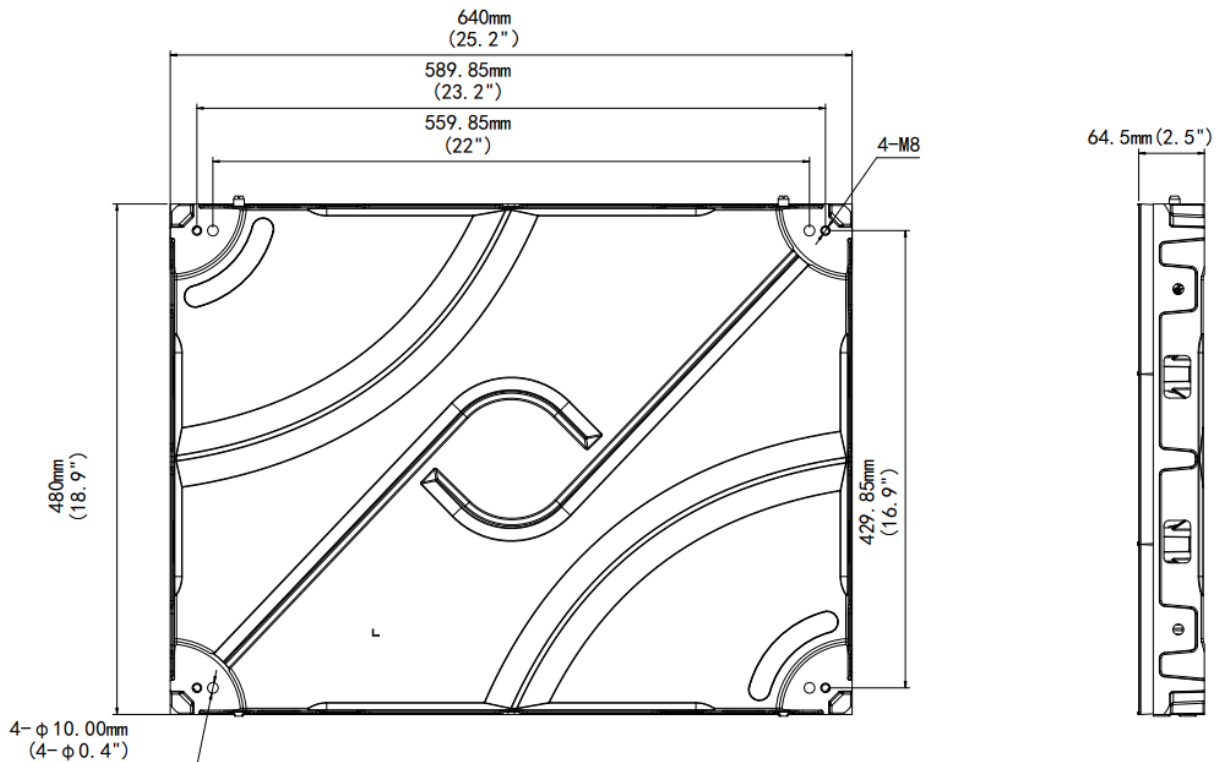
Electrical

Power Supply	AC 100 to 240 V, 50/60 Hz
Max. Power Consumption (W/m ²)	359
Average Power Consumption (W/m ²)	120

General

Maintenance Mode	Front maintenance
Ingress Protection	IP30
Weight (kg/pcs)	8.62
Operating Temperature	-10°C to +40°C
Operating Humidity	10% to 80% RH, non-condensing
Storage Temperature	-20°C to +60°C
Storage Humidity	10% to 85% RH, non-condensing
LED Lifetime (h)	50000
Certifications	CE, FCC

Dimensions



Ordering Info

Product Model	Description
MW7820-FI-FS	P2.0 Indoor Fine Pixel LED Display

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