

Indoor Fixed LED Display

TAC
Innovative Display

2024 SPECIFICATION · Indoor Fixed LED Display ClearLux-600*337.5



FEATURES

COB Module Integration

ClearLux COB integrated packaging LED display module, simplifying installations and providing AV integrators with a more efficient and cohesive setup process.



Super Energy Saving

High-efficiency light-emitting chips reduce power consumption by 50% under the same brightness. Dynamic energy efficiency and smart standby mode further improve energy efficiency.

High Resolution and Contrast

ClearLux is allow for a much tighter of LED chips, which increases the pixel density significantly. This results in clearer and more detailed images, making these displays ideal for high-definition visuals required in televisions, and digital billboards.



Excellent Heat Dissipation

Optimal circuit board layout bring excellent heat dissipation, lower surface temperature, longer lifespan and more stable operation, improving the user experience significantly.



Light weight



Large viewing angle



Energy-saving



Fast installation



High Contrast



High strength LED cabinet frame

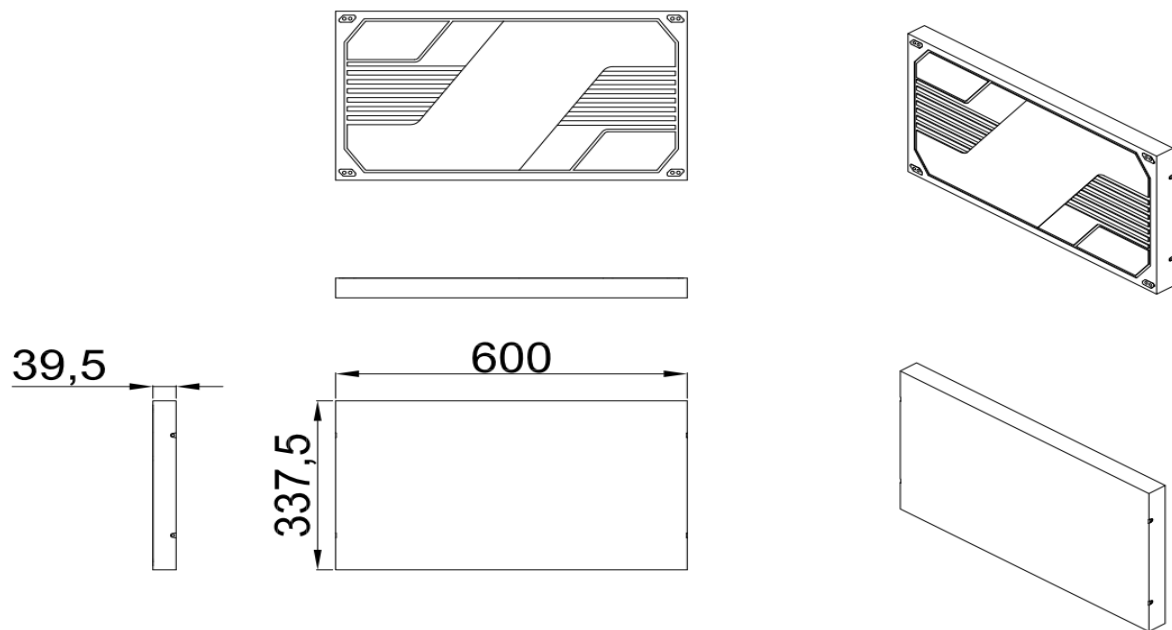
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SPECIFICATION

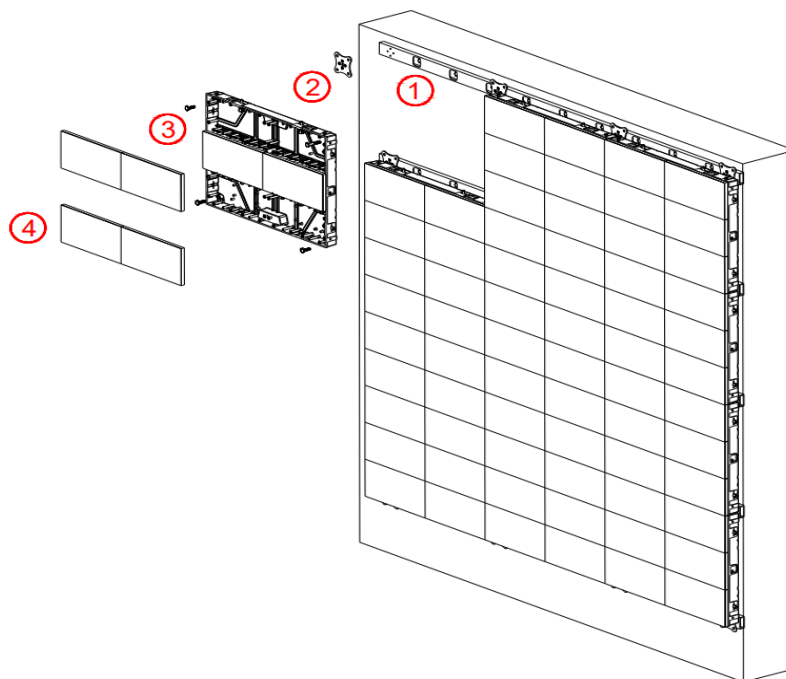
Pixel Pitch	P0.78mm	P0.93mm	P1.25mm	P1.56mm	P1.87mm
Application	Indoor	Indoor	Indoor	Indoor	Indoor
Pixel Density (dots/m ²)	1,137,777	1,137,777	640,000	409,600	284,444
Module Resolution (W×H)	192*216	160*180	120*135	96*108	80*90
COB Module Dimension (mm)	150*168.75	150*168.75	150*168.75	150*168.75	150*168.75
Cabinet Resolution (W×H)	768*432	640*360	480*270	384*216	320*180
Cabinet Dimension (mm)	600*337.5	600*337.5	600*337.5	600*337.5	600*337.5
Weight (kg)	4	4	4	4	4
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness (nits)	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
Viewing Angle (H/V°)	H: 170° V: 170°	H: 170° V: 170°	H: 170° V: 170°	H: 170° V: 170°	H: 170° V: 170°
Contrast	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
Max. Power Consumption (W/m ²)	325	325	325	325	325
Ave. Power Consumption (W/m ²)	100	100	100	100	100
Input Voltage (V)	AC 100~240V	AC 100~240V	AC 100~240V	AC 100~240V	AC 100~240V
Contrast Ratio	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
Gray Scale	18-20bit+	18-20bit+	18-20bit+	18-20bit+	18-20bit+
Refresh Rate (Hz)	>3840	>3840	>3840	>3840	>3840
Optimal Viewing Distance(m)	>1M	>1M	>2M	>2M	>2M
Working Temperature / Humidity (°C/RH)	-20~+60°C / 10%-95%RH	-20~+60°C / 10%-95%RH	-20~+60°C / 10%-95%RH	-20~+60°C / 10%-95%RH	-20~+60°C / 10%-95%RH
Storage Temperature / Humidity (°C/RH)	-30°C~60°C / 35%-60%	-30°C~60°C / 35%-60%	-30°C~60°C / 35%-60%	-30°C~60°C / 35%-60%	-30°C~60°C / 35%-60%
Certification	CCC, CE, ETL	CCC, CE, ETL	CCC, CE, ETL	CCC, CE, ETL	CCC, CE, ETL
Lifespan	100,000h	100,000h	100,000h	100,000h	100,000h
Maintenance type	Front	Front	Front	Front	Front

※ Specification is subject to changes without prior notice for product improvement.

Product Dimension (mm)



Installation Method



1. Install the support frame

2. Fix the clip on the support frame

3. Fix the LED cabinet with screw

4. Attach the LED Module to the LED cabinet