



| FLIP - CHIP COB
LED WALL DISPLAY |





WE'RE YOUR LIGHTING PARTNER

LED Wall Display Project Flow



LED Wall System Consultation and Design

Talk to our specialists about your sparkling ideas, XTREME LIGHTING will provide holistic services from professional consultations, tailor-made designs to mock ups that ensure your project is what you envisioned.



Professional LED Wall Installation

Our accredited installation team endeavors to have your vivid ideas in place with accuracy and efficiency: From structural frames, electric cables, signal cables to functions like video playbacks and poster displays. Your project is in safe hands with us.



Customized LED Wall Content Application

Leverage on our expertise in LED Wall Content Application, you can always choose various content applications like interactive displays, real-time information, video schedule playbacks and live video feeds or any creative usage that meet your needs.



Post Installation Support & Service

XTREME LIGHTING does not stop from providing quality LED Wall design and execution; We offer extra warranty and maintenance at different service levels that help your ideas continue to glow.

Flip-chip COB LED Wall Display

MAIN FEATURES

High Contrast & Brightness

- ZERO light blocking ensures superb sharpness and contrast

Wide Viewing Angle

- Nearly 180° viewing angle with dazzling brightness and colour contrast

Shock Resistant & Waterproof

- COB Epoxy Layer offers solid protection on the once-fragile display

Eye-friendly Displays

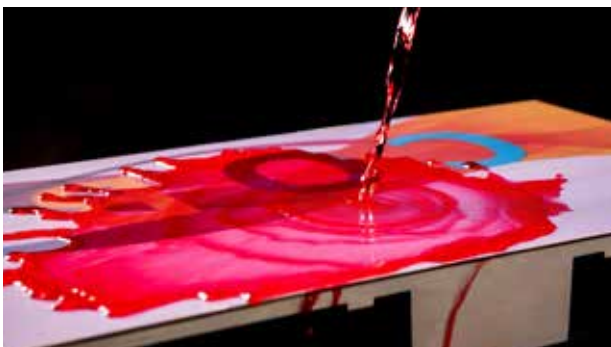
- Low blue light emission prevents eyes strain even under long exposure to the display



High Contrast & Brightness



Wide Viewing Angle



Shock Resistant & Waterproof



Eye-friendly Displays

Here at XTREME LIGHTING, we pride on offering you seamless solutions for spectacular LED Walls. With our expertise in LED Wall, we are always here to bring your unique idea come to life and shine.

Flip-chip COB

NEXT GEN DISPLAY TECH

Flip-chip COB LED Wall Display Specifications

SPEC	MODEL	MCC007	MCC008	MCC009	MCC012	MCC015	MCC019	MCC025	
	Pixel Setting	flip chip, COB encapsulation							
Pixel	Pixel Pitch (mm)	0.79	0.88	0.95	1.27	1.58	1.9	2.54	
	Pixel Density(Pixel/m)	1587203	1265323	110224	620001	396801	275556	155000	
Module	Module Resolution (W/Pixel x H/Pixel)	192 x 144	172 x 128	160 x 120	120 x 90	96 x 72	80 x 60	60 x 45	
	Module Size (W/mm x H/mm)	152.4 x 114.3							
Cabinet Specs	Cabinet Resolution (W/Pixel x H/Pixel)	768 x 432	688 x 384	640 x 360	480 x 270	384 x 216	320 x 180	240 x 135	
	Cabinet Size (W/mm x H/mm)	609.6 x 342.9							
	Material	alluminum							
	Cabinet Area (m ²)	0.209							
Optical	Brightness (cd/m ²) <small>(calibrated@9300K)</small>	0-1000			0-2000				
	Color Temperature (K)	3000-10000 adjustable							
	Horizontal FOV (°)	175°							
	Vertical FOV (°)	175°							
	Contrast	10,000 : 1			20,000 : 1				
	Brightness Uniformity	≥ 97%							
Power	Peak Power Consumption (W/M ²)	480							
	Average Power Consumption (W/M ²)	160							
	Input Voltage (V)	AC100~240V (50-60Hz)							
System Process	Drive Mode	constant current							
	Frame Rate (Hz)	60							
	Max. Refresh Frequency (Hz)	3840Hz							
General	Ingress Protection	front IP54							
	Operation Temperature (°C)	0 ~ +40							
	Storage Temperature (°C)	-10 ~ +60							
	Operation Humidity (RH)	10%~90%, with no condensation							
	Storage Humidity (RH)	10%~90%, with no condensation							

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