



**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, Visual-1 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

Visual-1 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 NEXT GEN DISPLAY TECH

## Flip-chip COB LED Wall Display Specifications

SPEC	MODEL	MCC008	MCC012	MCC015
Pixel	Pixel Setting	flip chip, COB encapsulation		
	Pixel Pitch (mm)	0.88	1.27	1.58
	Pixel Density (Pixel/m)	1265323	620001	396801
Module	Module Resolution (W/Pixel x H/Pixel)	172 x 128	120 x 90	96 x 72
	Module Size (W/mm x H/mm)		152.4 x 114.3	
Cabinet Specs	Cabinet Resolution (W/Pixel x H/Pixel)	688 x 384	480 x 270	384 x 216
	Cabinet Size (W/mm x H/mm)		609.6 x 342.9	
	Material		aluminum	
	Cabinet Area (m2)		0.209	
Optical	Brightness (cd/m2) (calibrated@9300K)	0 - 1000	0 - 2000	
	Color Temperature (K)	3000 - 10000 adjustable		
	Horizontal FOV (o)	175		
	Vertical FOV (o)	175		
	Contrast	10,000 : 1	20,000 : 1	
	Brightness Uniformity	≥ 97%		
Power	Peak Power Consumption (W/M2)	480		
	Average Power Consumption (W/M2)	160		
	Input Voltage (V)	AC100 ~ 240V (50 - 60 Hz)		
System Process	Drive Mode	Constant Current		
	Frame Rate (Hz)	60		
	Max. Refresh Frequency (Hz)	3840Hz		
General	Ingress Protection	Front IP54		
	Operation Temperature (oC)	0 ~ + 40		
	Storage Temperature (oC)	-10 ~ + 60		
	Operation Humidity (RH)	10% ~ 90%, with no condensation		
	Storage Humidity (RH)	10% ~ 90%, with no condensation		

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