



FABULUX LED

Premium Outdoor Home Theater LED Solutions



Diamond COB Series

Redefine Your Outdoor Private Theater

Sealed with UV-Resistant Materials

Utilizing high-performance, UV-resistant encapsulation materials, the product effectively prevents aging and yellowing caused by long-term outdoor sun exposure. This ensures the display's colors remain consistently vibrant and the image quality stays stable.



Ours



Others

Ultra-high 7,680Hz Refresh Rate

With a refresh rate of up to **7,680Hz**, the display is free of ghosting and flickering, delivering smooth and fluid motion.



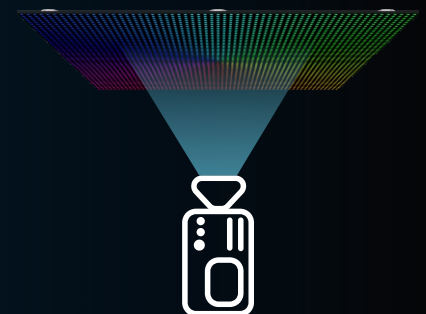
Robust Impact Protection

COB technology minimizes the risk of lamp damage from impact, ensuring long-term stable performance.



Intelligent Brightness Calibration

The module's built-in calibration function allows for precise brightness adjustment, effortlessly adapting to dynamic outdoor lighting conditions.



Intelligent Calibration

Ultra-high 15,000:1 Contrast Ratio

Utilizing cutting-edge COB technology, this display delivers deep blacks and precise color reproduction, preventing tonal distortion and creating an exceptional visual impact.



Ours



Others

Versatile Installation Methods

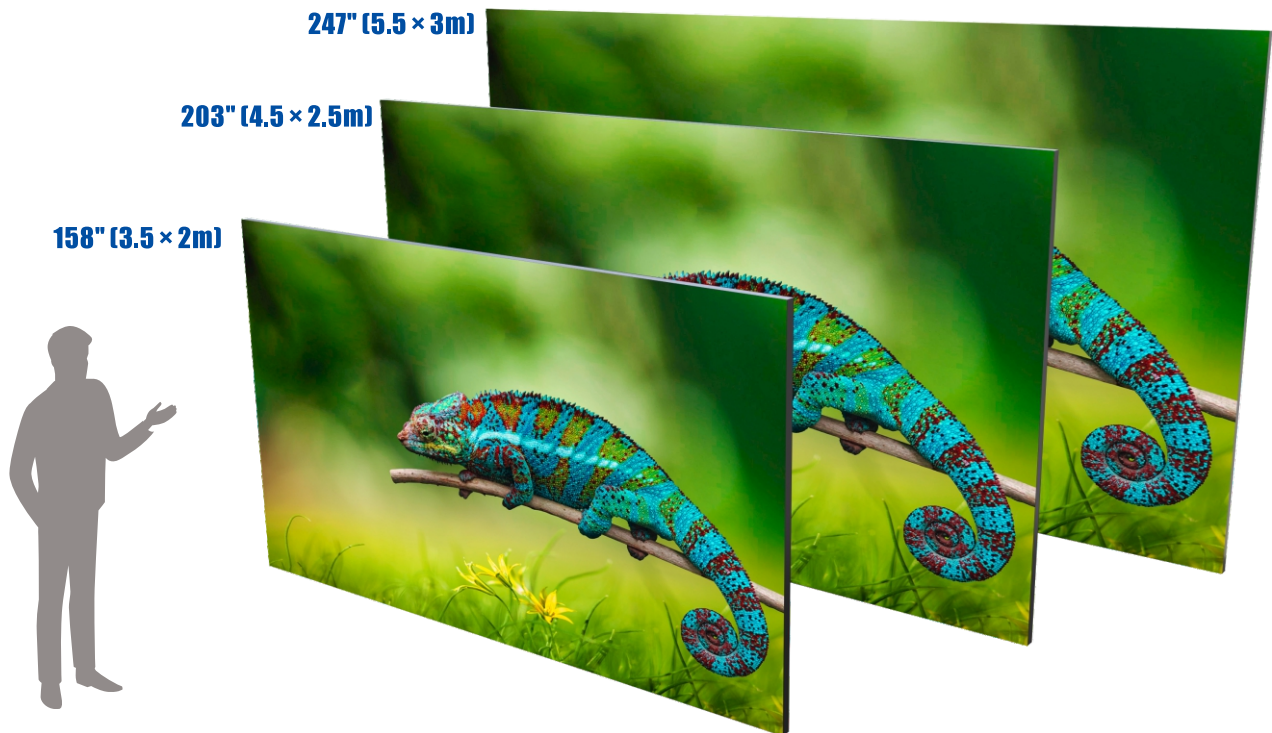
Supporting multiple installation solutions, including hanging, wall-mounting, ground-stacking, and wall bracket mounting, providing flexible options for a variety of application scenarios.



DIAMOND COB SERIES

Standardized Premium Sizes

The Diamond COB series offers three standardized sizes—158", 203", and 247"—providing a complete solution to instantly meet outdoor viewing needs for gardens, poolside areas, and rooftop terraces.



Refined Bezel Design

The bezel ensures a clean, organized, and professional appearance of the display. The extended cap provides effective shading and water resistance, enhancing both visual quality and long-term durability.



DIAMOND COB SERIES

Common Cathode Technology

This technology saves approximately **30%** more energy than traditional products. By reducing heat generation and minimizing color differences, it achieves lower power consumption at the same level of brightness.

 **30% Power saving**



Front and Rear Maintenance

Supports both front and rear maintenance, making repairs efficient and reducing maintenance time.



Specification

Model Name	P1.5	P1.9
Pixel Pitch (mm)	1.56	1.95
Pixel Density (dot/m ²)	409,600	262,144
LED Sealing Type	COB	COB
Module Resolution (PX* PX)	160*160	128*128
Contrast Ratio	15,000:1	15,000:1
Brightness (cd/m ²)	3,000–3,500	3,000–3,500
Grey Scale (bit)	16	16
Refresh Rate (Hz)	7,680	7,680
Horizontal Viewing Angle (Deg)	160°	160°
Vertical Viewing Angle (Deg)	160°	160°
Max Power Consumption (W/m ²)	720±5%	720±5%
Average Power Consumption (W/m ²)	216±5%	216±5%
Module Size (mm * mm)	250*250*14.5	250*250*14.5
Module Weight (kg)	0.9	0.9
Cabinet Size (mm * mm)	500*500	500*500
Cabinet Weight (Kg/m ²)	32	34
Cabinet Thickness (mm)	66	66
Input Voltage (V)	AC100–240V	
Working Temperature (°C)	–40~+60°C	
Storage Temperature (°C)	–30~+60°C	
Working Humidity (RH)	10%~95%RH	
Storage Humidity (RH)	10%~60%RH	
Maintenance Type	Front/Rear	
Ingress Protection	IP66	
Working Environment	Outdoor	
Certificates	CE(EMC A, LVD), FCC, ETL	



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www.fabuluxled.com

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