



## CB Series

### Flip-chip COB technology

Unique COB integrated packaging technology, RGB flip-chip, no welding wire, ensuring stable and reliable products; front IP65, effectively solve the problems of dust, moisture, static, salt spray oxidation issues.

COB | Dust & Moisture Resistance | Anti-Static | Great Reliability

### Multiple heat dissipation

Optimal high-brightness chips reduce power consumption by 50% at the same brightness level. Adopt fully die-casting aluminum cabinet with excellent heat dissipation for the power box. Flip-chip and multi-layer PCB design with low thermal resistance efficiently dissipate heat for rapid and even cooling.

Die-Cast Aluminum | Excellent Circuit | Excellent Heat Dissipation

### Ultimate Experience

Easily achieve 110% NTSC broadcast-grade color gamut range, combined with anti-glare finish to achieve 160° wide viewing angle. Enjoy more delicate color performance and greatly enriched viewing experience.

110% NTSC | 160° | Delicate Color

### Enhanced Image Quality

3840Hz high refresh rate and advanced video processing deliver smooth visuals. Industry-leading brightness and color calibration reduce distortion and present true colors. HDR technology fully showcases every stunning detail of high-definition images, providing an immersive experience.

3840Hz | HDR | Excellent Calibration



Specifications			
Model	CB0.9	CBI.2	CBI.5
Pixel Pitch	0.9375 mm	1.25 mm	1.56 mm
Type of LED	COB		
Pixel Density	1,137,777 dots/m <sup>2</sup>	640,000 dots/m <sup>2</sup>	409,600 dots/m <sup>2</sup>
Pixel Composition	1R 1G 1B		
Module Size	150 (W) X 168.75 (H)		
Module Resolution	160 (W) x 180 (H)	120 (W) x 135 (H)	96 (W) x 108 (H)
Cabinet Size	600 (W) X 337.5 (H) X 40 (D) mm		
Cabinet Resolution	640 (W) x 360 (H)	480 (W) x 270 (H)	384 (W) x 216 (H)
Cabinet Weight	4.2±0.5 kg		
Cabinet Material and Color	Die-casting aluminum; Black		
Calibrated Brightness	600 nits		
Viewing Angle	H: 160°± 10°; V: 160°± 10°		
Refresh Rate	3,840 Hz		
Contrast Ratio	10,000:1		
Input Voltage	100-240V,50/60Hz		
Max Power	75 W/Cabinet; 371 W/m²	70 W/Cabinet; 346 W/m²	
Average Power	36 W/Cabinet; 178 W/m²	35 W/Cabinet; 173 W/m²	
IP Rating	IP30		
Maintenance	Front		
Lifespan	100,000 Hours		
Operating Environment	Temperature: -10°C - 40°C / Humidity: 10% - 90%RH; Non Condensing		

\*The specifications are for reference, actual parameter may vary based on the special model or contract.

Application Scenarios



Recommended Applications:command center, meeting room, indoor commercial display