

KLCOB Series

Black

Extraordinary Deep Blacks

Brilliant

Capture Every Brilliance

Cool

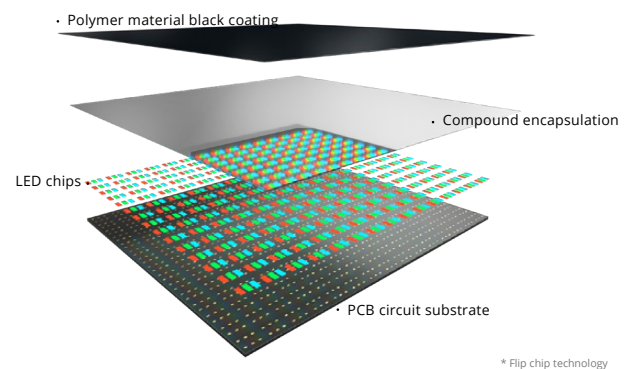
Stay Cool, Enjoy More

Strong

Against External Impact

◀ Extraordinary Deep Blacks

- Flip chip technology provides high brightness and efficient heat dissipation
- The surface is covered with a black coating of polymer material, which brings amazing black consistency



◀ Capture Every Brilliance

- High dynamic range, 15000:1 stunning contrast, 600-1000nits brightness, 3840Hz refresh rate, DCI-P3 cinema-level color gamut, 2FPS low latency
- Surface light source technology effectively reduces moiré
- Leveraging flip chip technology, the KLCOB V2 series offers a refined visual experience

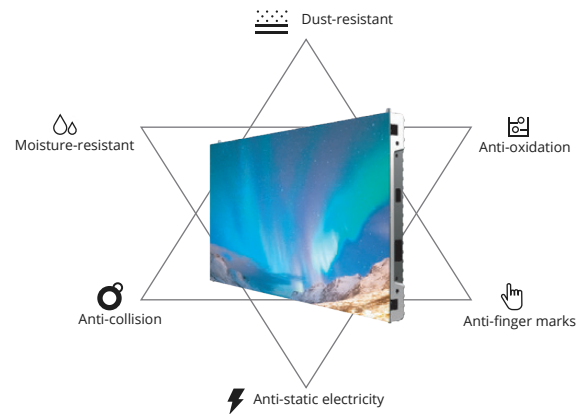
Stay Cool, Enjoy More

Leveraging flip chip and HBB common cathode technologies, the KLCOB V2 remains cool under pressure, providing a seamless and vibrant visual experience effortlessly.



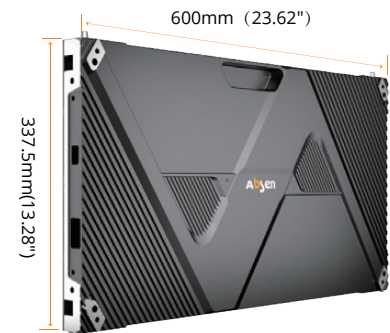
Strong Against External Impact

Flip chip technology can deliver comprehensive, 360° all-around protection against external impacts, ensuring robust defense from every angle.



User Friendly

- Lightweight design, the max. weight of panel is 4.5kg(9.92lbs), thickness is 39.3mm(1.54")
- Easy to clean, a wet towel can be used for usual cleaning
- Excellent flatness and front maintenance
- High reliability, dual backup power and signal, two power source inputs



4.5kg(9.92lbs)
Max. Weight

39.3mm(1.54")
Thickness

Product Specification

Model	KLCOB0.7 V2	KLCOB0.9 V2	KLCOB1.2 V2	KLCOB1.5 V2
LED Type	Flip-chip RGB	Flip-chip RGB	Flip chip RGB	Flip chip RGB
Pixel Pitch (mm)	0.78	0.93	1.25	1.56
Panel Dimensions (WxHxD)(mm/inch)	600×337.5×39.3mm (23.62×13.28×1.54")			
Pixel Per Panel	768x432	640×360	480 × 270	384×216
Panel Material	Die Casting Aluminum			
Brightness (nit)	600~1000	600~1000	600~1000	600~800
Refresh Rate (Hz)	3840	3840	3840	3840
Gray scale (bit)	20 (Internal processing)	19 (Internal processing)	19 (Internal processing)	19 (Internal processing)
Contrast Ratio	15000:1	15000:1	15000:1	15000:1
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160
Operating Temperature (°C)	- 10~ + 40	- 10~ + 40	- 10~ + 40	- 10~ + 40
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
Certification	CCC, CE, ETL, FCC, UKCA			