



KLCOB Series

Black

Extraordinary Deep Blacks

Brilliant

Capture Every Brilliance

Cool

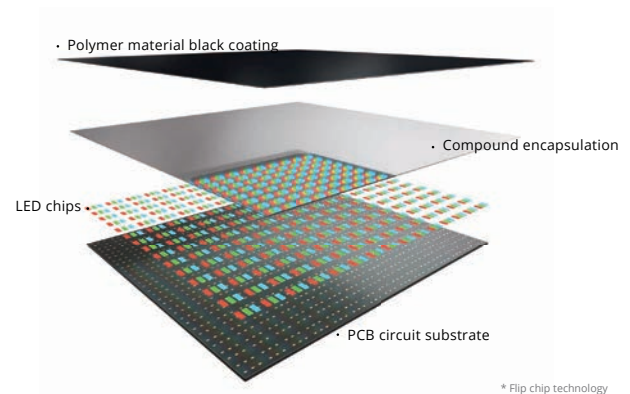
Stay Cool, Enjoy More

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

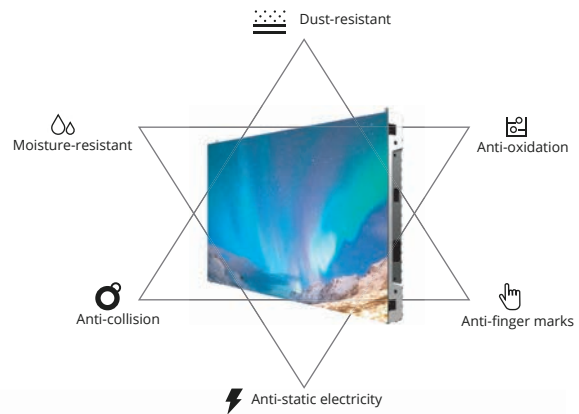
Stay Cool, Enjoy More

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



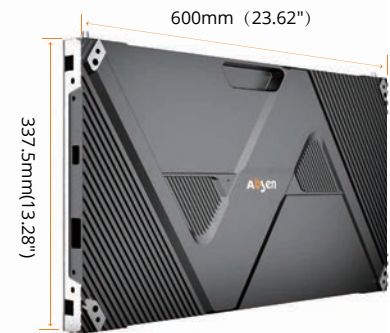
Strong Against External Impact

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	KLCOB1.8 V2
LED Type	Flip-chip RGB	Flip-chip RGB	Flip chip RGB	Flip chip RGB	Flip-chip RGB
Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
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	320x180
Panel Material	Die Casting Aluminum				
Brightness (nit)	600~1000	600~1000	600~1000	600~800	600
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Gray scale (bit)	20 (Internal processing)	19 (Internal processing)	19 (Internal processing)	19 (Internal processing)	19 (Internal processing)
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160	160/160
Operating Temperature (°C)	- 10~ + 40	- 10~ + 40	- 10~ + 40	- 10~ + 40	- 10~ + 40
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
Certification	CCC, CE, ETL, FCC, UKCA				



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