

KLCOB Series

Professional Micro LED Display

Black

Extraordinary deep blacks

Brilliant

Capture every brilliance

Cool

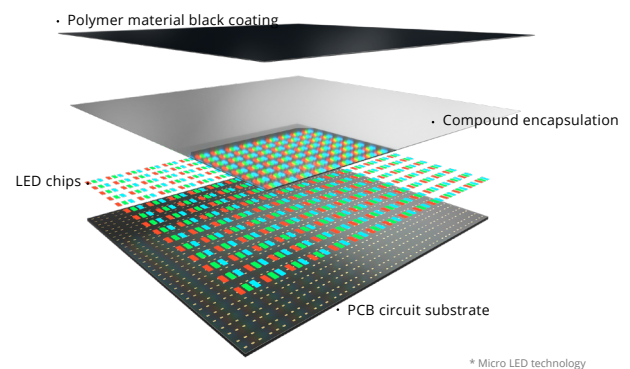
Stay cool, enjoy more

Strong

Against external impact

◀ Extraordinary deep blacks

- Micro LED 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, 600nits brightness, 3840Hz refresh rate, DCI-P3 cinema-level color gamut, 2FPS low latency
- Surface light source technology effectively reduces moiré
- Leveraging Micro LED technology, the KLCOB V2 series offers a refined visual experience

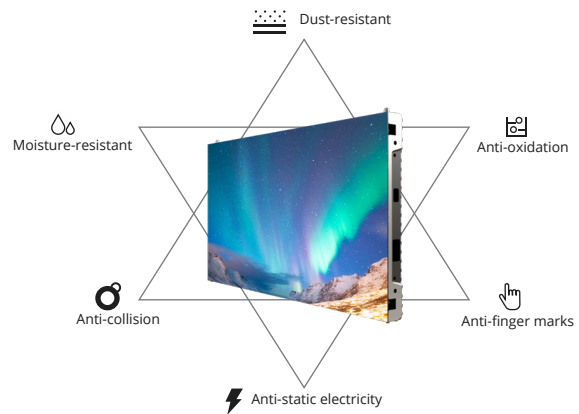
Stay cool, enjoy more

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



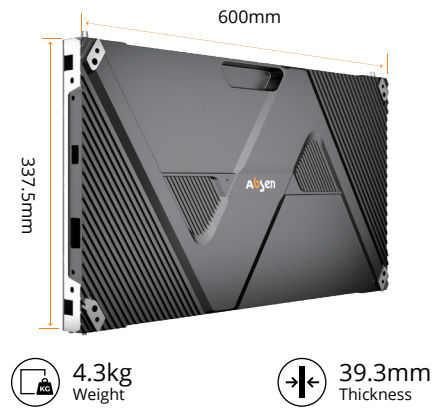
Strong against external impact

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



User friendly

- Lightweight design, The panel weighs only 4.3kg, thickness is 39.3mm
- 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



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)	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3
Pixel Per Panel	768x432	640×360	480 × 270	384×216	320x180
Panel Weight (kg)	4.3	4.3	4.3	4.3	4.3
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Brightness (nit)	600	600	600	600	500
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Gray scale (bit)	20 (Internal processing)	19 (Internal processing)	20 (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
Power Consumption (Max./Avg.)(W/m ²)	425/142	331/110	301/100	336/112	285/95
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				



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