

AOC

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Indoor COB LED
LK Series

P0.7 | P0.9 | P1.2 | P1.5 Pixel



(Design and Specifications are subject to change without notice.)

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High Resolution



Flexible Splicing



Cabinet Design



Versatile Installation
Design



Stable and reliable



Quick maintenance



Versatile Installation Design

Front installation without the need for a steel structure cuts costs and installation time while preserving wall integrity and saving indoor space.

Long-term Operation

Low power consumption and fast heat dissipation support long-term operation, offering a long lifespan and high reliability.

Quick Installation and Maintenance

- Fully maintainable from the front and rear
- Complete front and rear installation options
- Both front and rear include box detection and testing
- Magnetic assembly for fast setup, adaptable to various installation scenarios

COB Packaging and Flip-Chip Technology

Our advanced technology eliminates the need for wire bonding, completely preventing failures caused by wire bonding and significantly reducing the risk of metal migration. This ensures higher brightness, smaller chip sizes, better consistency, higher contrast, and more realistic colors. Additionally, it offers excellent heat dissipation and extends the product's lifespan, ensuring long-lasting performance.

Flexible Splicing

The LED's flexible splicing allows for creative setups in various environments, such as retail stores, exhibition halls, and hotel conference rooms, creating impressive visual effects.

Stable Placement with Concealed Wiring

Features dual-contact floor protection for stable and secure placement. Concealed wiring between panels provides a cleaner and more attractive large screen.



Specifications

		LK071/A/96	LK091/A/96	LK121/A/96	LK151/A/96
Physical Parameter	Pixel Pitch(mm)	0.78	0.9375	1.25	1.5625
	LED Type LED	Full-Flip-Chip COB	Full-Flip-Chip COB	Full-Flip-Chip COB	Full-Flip-Chip COB
	Pixel Density (m²)	1,638,400 pixels/ m²	1,137,777 pixels/ m²	640,000 pixels/ m²	409,600 pixels/ m²
	Resolution of LED Module (W × H)	192 x 216 pixels	160 x 180 pixels	120 x 135 pixels	96 x 108 pixels
	Resolution of Cabinet (W × H)	768 x 432 pixels	640 x 360 pixels	480 x 270 pixels	384 x 216 pixels
	LED Module Size (W × H)	150 x 168.75 mm	150 x 168.75 mm	150 x 168.75 mm	150 x 168.75 mm
	Cabinet Size (W × H × D)	600 x 337.5 x 33.6 mm 27 inch	600 x 337.5 x 33.6 mm 27 inch	600 x 337.5 x 33.6 mm 27 inch	600 x 337.5 x 33.6 mm 27 inch
	No. of Modules Per Cabinet (W × H)	4 x 2	4 x 2	4 x 2	4 x 2
	Cabinet Area	0.2025 m²	0.2025 m²	0.2025 m²	0.2025 m²
	Aspect Ratio	16:9	16:9	16:9	16:9
Optical Parameter	Weight (per cabinet)	4.7 kg	4.7 kg	4.7 kg	4.7 kg
	Cabinet Material	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
	Brightness	≥600nits	≥600nits	≥600nits	≥600nits
	Max Contrast Ratio	18000 : 1	18000 : 1	18000 : 1	18000 : 1
	Horizontal Viewing Angle	≥170°	≥170°	≥170°	≥170°
	Vertical Viewing Angle	≥170°	≥170°	≥170°	≥170°
	Scan Rate	1/64	1/54	1/60	1/54
	Color Temperature - Adjustable	5000~10000K	5000~10000K	5000~10000K	5000~10000K
	Drive Mode	Constant Current Common Cathode	Constant Current Common Cathode	Constant Current Common Cathode	Constant Current Common Anode
	Frame Rate	30~120 Hz	30~120 Hz	30~120 Hz	30~120 Hz
Electrical Parameter	Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz
	Gray Scale Processing	16 bit	14 bit	14 bit	14 bit
	Average Power Consumption (W/ m²)	≤100	≤110	≤110	≤110
	Max Power Consumption (W/ m²)	≤290	≤320	≤320	≤320
Operation Conditions	Input Power Voltage	AC220±15%V, 50/60 (Hz)	AC220±15%V, 50/60 (Hz)	AC220±15%V, 50/60 (Hz)	AC220±15%V, 50/60 (Hz)
	Operating Temp/ Humidity	-10 - 40° C/ 10% - 90%RH	-10 - 40° C/ 10% - 90%RH	-10 - 40° C/ 10% - 90%RH	-10 - 40° C/ 10% - 90%RH
	Storage Temp/ Humidity	-40 - 60 ° C/ 10% - 60%RH	-40 - 60 ° C/ 10% - 60%RH	-40 - 60 ° C/ 10% - 60%RH	-40 - 60 ° C/ 10% - 60%RH
	IP Rating	IP65 Module Surface ONLY	IP65 Module Surface ONLY	IP65 Module Surface ONLY	IP65 Module Surface ONLY
	Life span, typ.	80,000 Hrs	80,000 Hrs	80,000 Hrs	80,000 Hrs
Service	Servicing	Front	Front	Front	Front