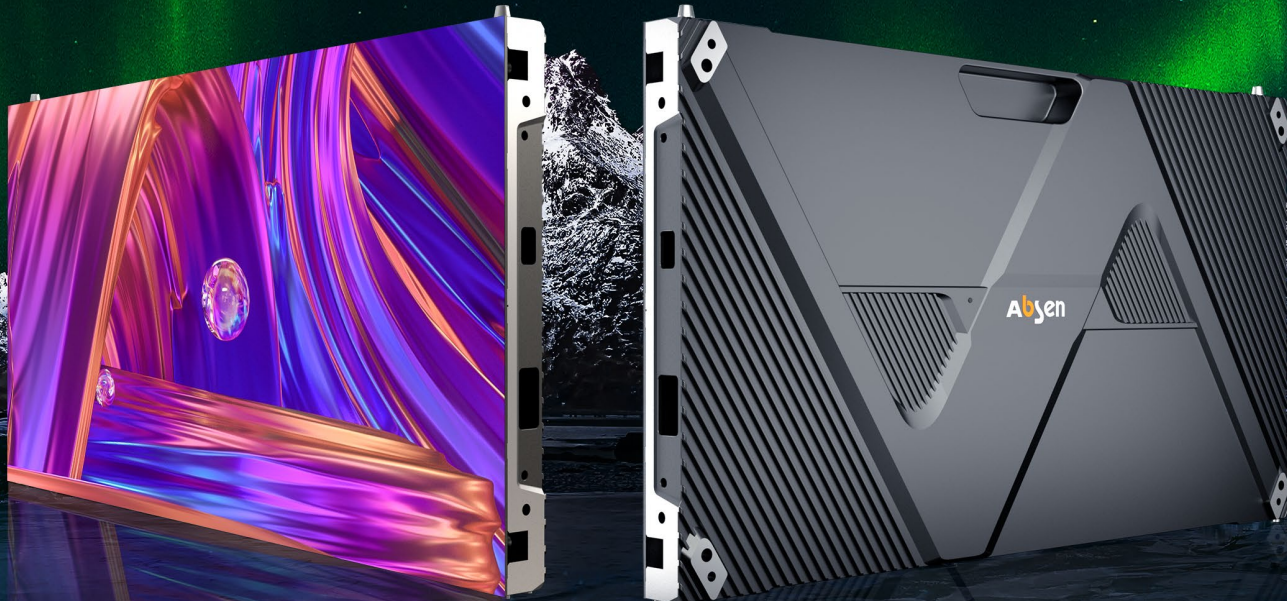




absen
Trusted LED Supplier

KLCOB 2





Black
Extraordinary deep blacks

Brilliant
Capture every brilliance

Cool
Stay cool, enjoy more

Strong
Against external impact

Full Flip Chip COB Technology

↑X4

Contrast boost

↑X3

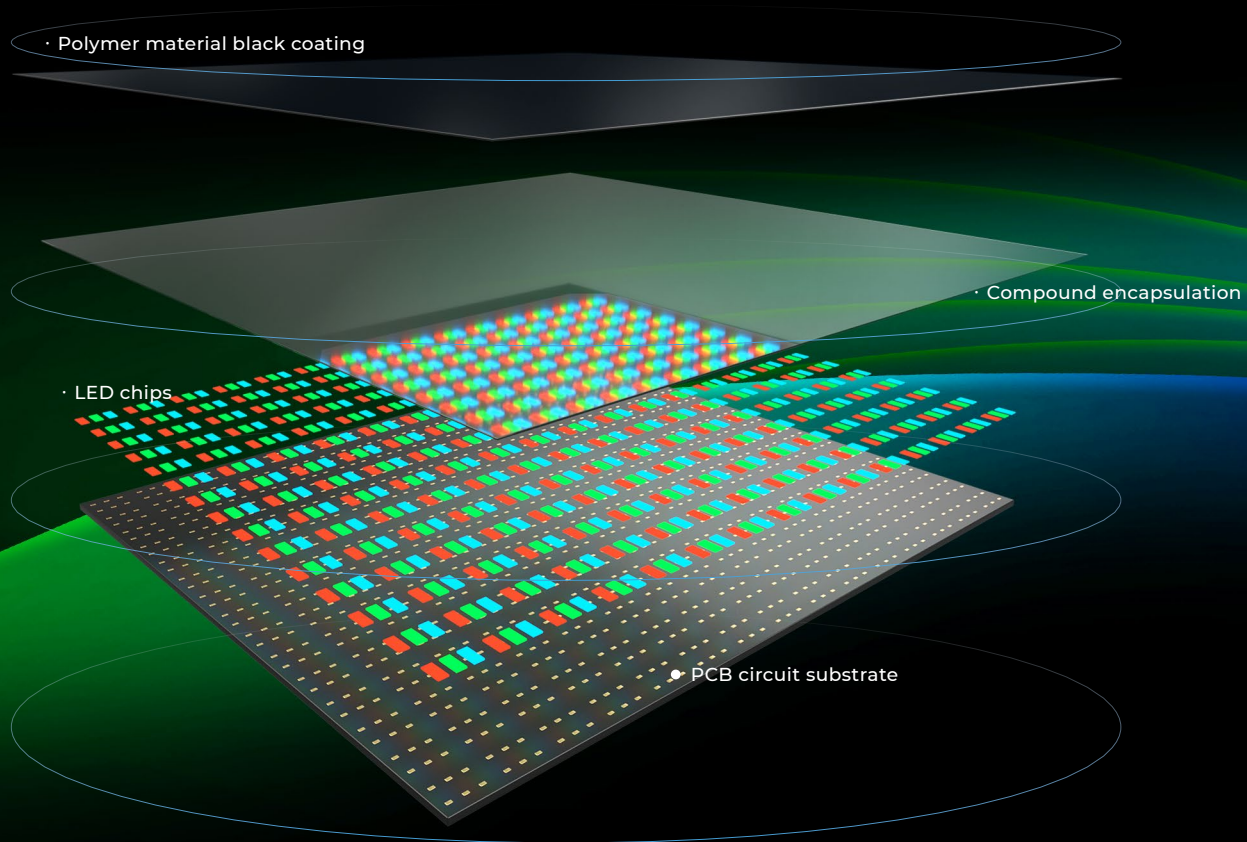
Surface stronger

↓50%

Lower failure rate

↓40%

More energy efficient



Extraordinary Deep Blacks

The surface is covered with a black coating of polymer material, which brings amazing black consistency, bringing a deep and pure black, which improves the visual performance to an unprecedented level.



intense black immersion



better flatness

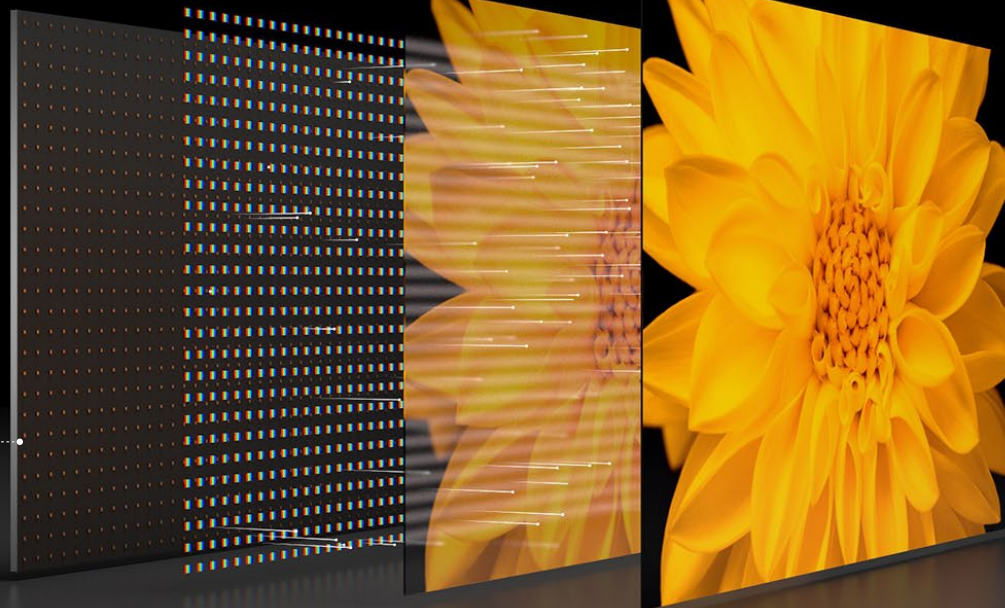


perfect black consistency



non glaring, no reflection

flip-chip technology



black coating technology

Capture Every Brilliance

Integrating multiple Absen image optimization technologies, the KLCOB enhances the clarity and visibility to bring out natural details and vivid colors for realistic and incredible images.

Initial display



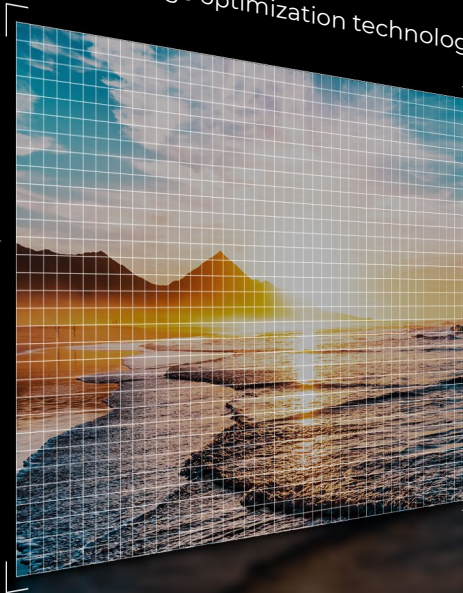
HDR

High dynamic range

600nits

Max. brightness

N+ items image optimization technology



15000:1

Stunning contrast

1.07

Billion colors

DCI-P3

Cinema-level color gamut

22bit

Smooth grayscale transitions

Final imaging



2FPS

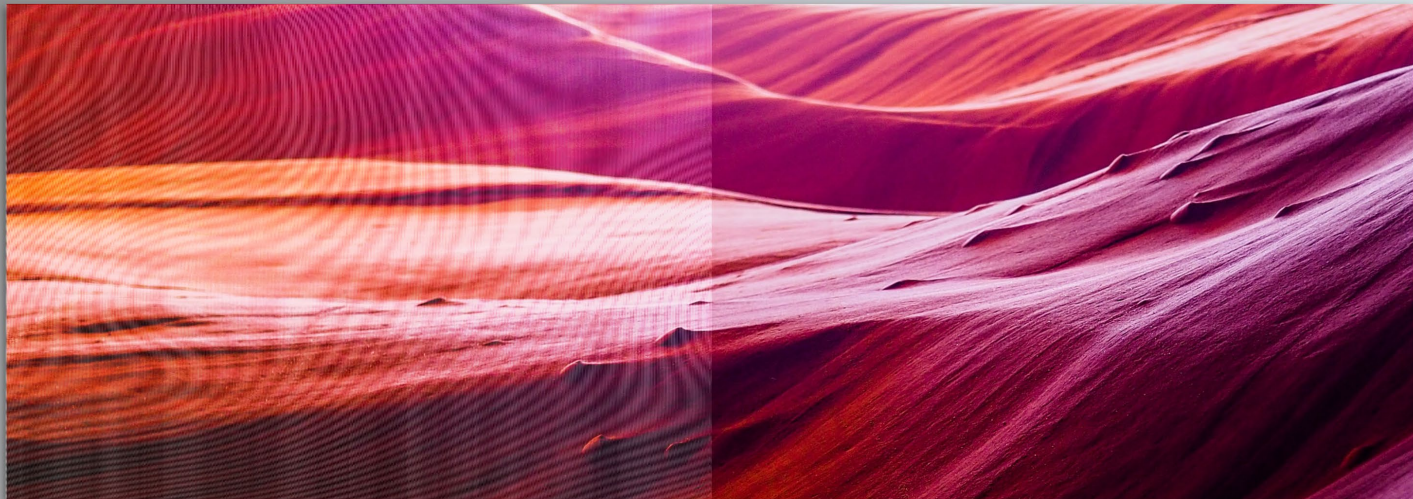
Low latency

3840Hz

Perfect in-camera performance

Perfect in-Camera Performance

Surface light source technology effectively reduces moiré, and has excellent in-camera performance, especially suitable for TV studios, lecture halls, etc.



Clear moiré

Less moiré

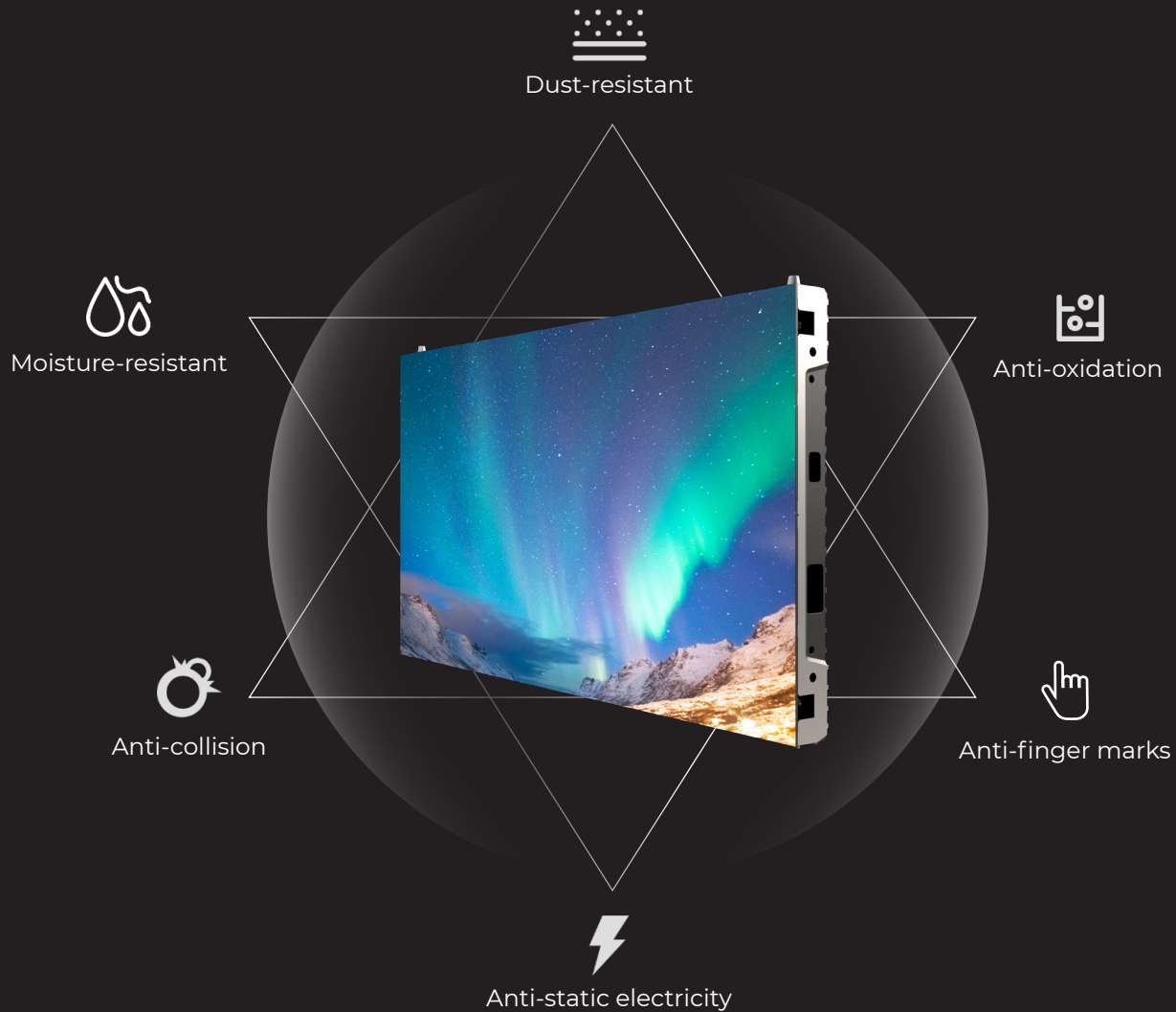
Stay Cool, Enjoy More

Thanks to the full flip-chip COB technology and Absen's HBB common cathode technology, the KLCOB can always stay cool, diving into the fantastic visual world without breaking a sweat.



Strong Against External Impact

The full flip-chip COB technology effectively protects the display from external impact, providing 360° all-round protection.



Easy on the eye

The full flip-chip COB technology can reduce pixel graininess , makes the light softer and uniform, meaning your eyes won't tire even when watching the screen for a long time.



Easy to Clean & Maintain

The protection level of the front panel reaches IPX4.

A wet towel can be used for usual cleaning, making screen maintenance easier and cheaper.



More Quality, Less Consumption

Energy saving is achieved by a combination of four technological innovations.

Saving 40% energy under the same conditions, and practice the "Absen Green" concept.

Absen
COMMON CATHODE

HBB drive design
Precise power supply

As the earth deserves
Absen
Green

Dynamic Energy Management
Dynamically adjust output current

60%
20%
80%

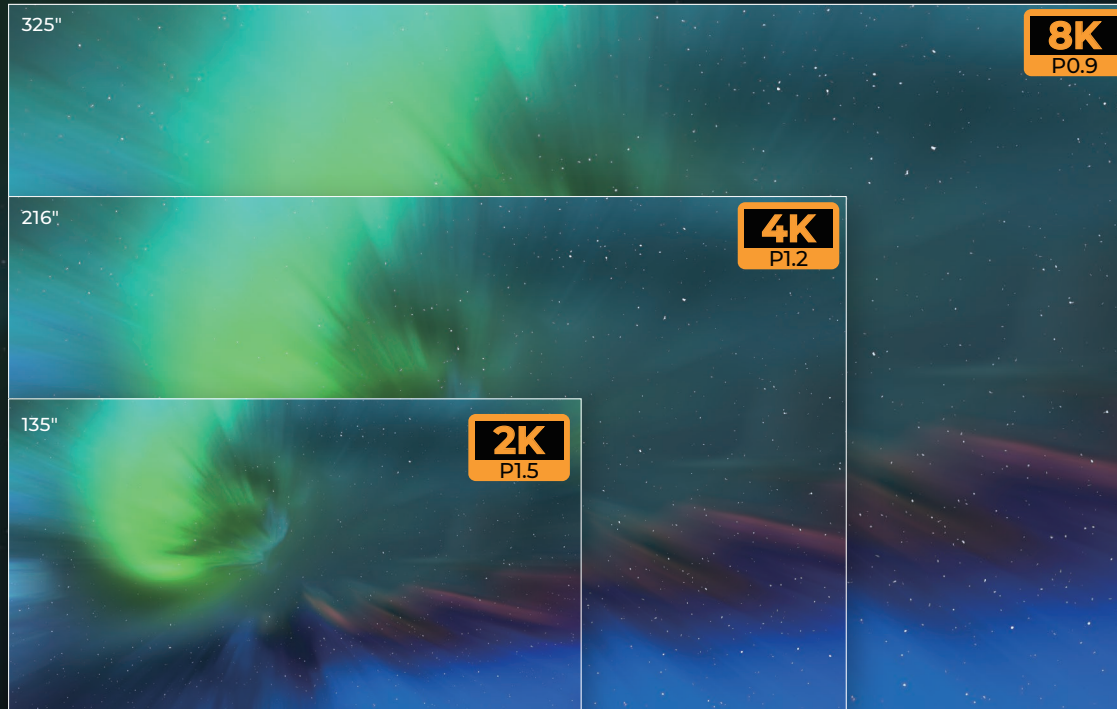
Standby State

Black Screen Technology
Standby state saving $\geq 70\%$

PFC Power Supply
High power utilization

Small Pixel Pitch - Infinite Display

The KLCOB cabinet adopts a 16:9 display ratio, which can be easily spliced into 2K, 4K, 8K screens or even bigger, providing an immersive view experience.



Ultra High Definition

Micron-scale self-luminous LED
Ultra High density display pixels



16: 9 Aspect Ratio

Pixel to pixel resolution
Match mainstream video aspect ratio



8K Brehtaking Size

4K/8K screen splicing
Creating an immersive sensory experience

Lightweight Design



4.3kg
Weight



39.3mm
Thickness

High Reliability

Dual backup power and signal ,two power source inputs,ensure uninterrupted display and stable transmission.



power 1



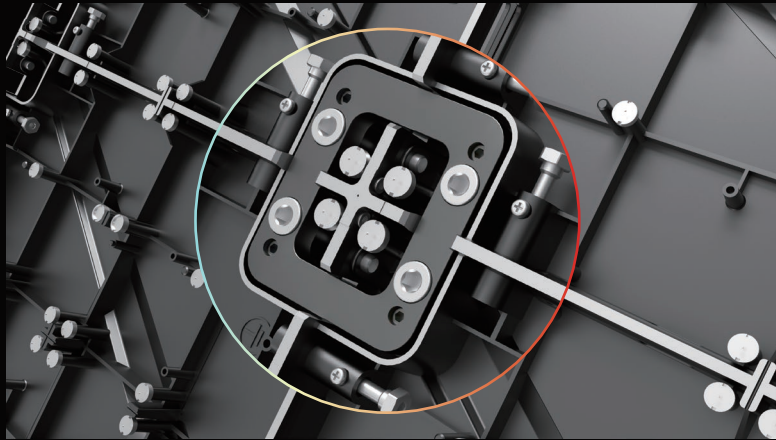
power 2



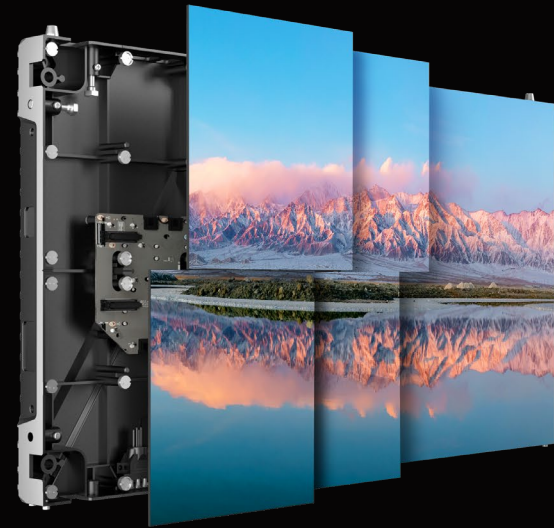
*Two power source inputs is optional

Excellent Flatness and Front Maintenance

The inter panel connector can realize the function of flatness adjustment and rapid positioning.
Front maintenance design ,no back shell, makes dismantle and maintenance more convenient.



● Inter-panel connectors



● Front maintenance

Quick and Easy Assembly

Supporting multiple installations ,stacking , wall-mounting ,hanging and 90° splicing ,which can meet the demands of various environments.



Stacking



Wall-mounting



Hanging



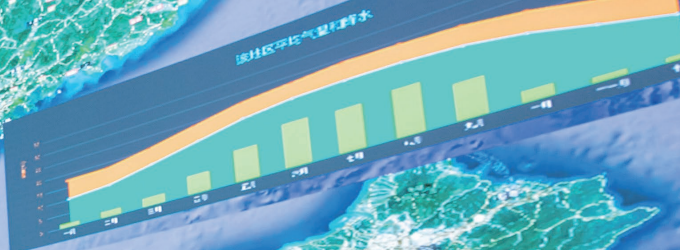
90° splicing




Control Room




Abysen 全球地理空间可视化平台
2016-08-18 星期三
15:19:00




 Conference Room



 Lobby



 Luxury Living



 TV Studio

STERLING
STUDIO

OUR FAST PACED



Professional service, best experience

Absen service ability



Comprehensive support

Enjoy 2-year warranty, 1 year extended warranty, lifetime support, and enjoy 10+ items of professional service solutions to help you solve problems



Global coverage

500+ Absen certified service providers, 3000+ Absen certified engineers, covering most of the global market, the global service network is continuing to expand vigorously



Multiple service channels

Providing service via multiple channels such as Hot line, WeChat, WhatsApp, E-mail and official website to quickly take care of service requirements



24 / 7 response

24/7/365 available, quick response in 10 seconds



One-stop service

Enjoy exclusive and professional service in the whole process of pre-sales, sales and after-sales

Absen service philosophy

Initiative

Proactive care and return visits,
regular touring inspection services for customers

Efficiency

All service channels respond within 10 seconds,
intelligently match the best local service resources,
and enjoy a fast service experience

Standardization

Comprehensive service engineer training system,
ACE professional training and certification,
ACP professional certification; establishing customers'
product files and record the entire service process

Thoughtfulness

Longer warranty, worry-free quality



Service channels

Hot line: +86 400-700-3278
WeChat: 13923413428 WhatsApp: 008613923413428
E-mail: service@absen.com Official website: www.absen.com



Service time(GMT+8)

7X24 hours online service

Model	KLCOB0.9 V2	KLCOB1.2 V2	KLCOB1.5 V2
LED Type	Flip-chip RGB	Flip-chip RGB	Flip-chip RGB
Pixel Pitch (mm)	0.93	1.25	1.56
Panel Dimensions (WxHxD)/(mm)	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3
Pixel Per Panel	640×360	480 × 270	384×216
Panel Weight (kg)	4.3	4.3	4.3
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Brightness (nit)	600	600	600
Refresh Rate (Hz)	3840	3840	3840
Gray scale (bit)	19 (Internal processing)	20 (Internal processing)	19 (Internal processing)
Contrast Ratio	15000:1	15000:1	15000:1
Viewing Angle (H/V) (°)	160/160	160/160	160/160
Power Consumption (Max./Avg.)(W/m ²)	331/110	301/100	336/112
Operating Temperature (°C)	-10~ +40	-10~ +40	-10~ +40
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21

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