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GOB Series

LED Display

INTRODUCTION

The GOB series is known for its high brightness, excellent color consistency, and wide viewing angle. It is commonly used in a variety of applications, including outdoor advertising, stadium scoreboards, and retail displays.
Also offers several advantages over other LED display technologies, such as better heat dissipation and reduced power consumption.
Additionally, the GOB series can be customized to meet the specific requirements of different applications, making it a versatile and flexible option for various industries.

FEATURES

- High brightness: High brightness levels, making them ideal for outdoor applications with direct sunlight.
- Wide viewing angle: Can be viewed from different angles without losing visibility or color accuracy.
- Excellent color consistency: With its advanced color calibration technology, GOB series offer excellent color consistency across the entire display, ensuring that colors are vivid and accurate
- Energy-efficient: Use less power compared to traditional LED displays, making them an energy-efficient choice.
- Easy to customize: Can be customized to meet specific application requirements, including size, resolution, and shape.
- Long lifespan: Have a long lifespan of up to 100,000 hours or more, reducing the need for frequent replacements.
- Superior heat dissipation: Allows for better heat dissipation, reducing the risk of overheating and prolonging the lifespan of the LED display.
- Higher protection: Can tightly bond LED chips to the PCB substrate and use resin to seal them, which is effectively preventing

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FEATURES IN DETAIL

Higher protection performance

GOB technology can tightly bond LED chips to the PCB substrate and use resin to seal them, effectively preventing the invasion of harmful substances such as external dust, water, and oxidation, there by improving the protection performance of the LED display.

General Image Quality

GOB Series image Quality

High Image Quality

The ultra-high resolution of fine-pitch LEDs brings exquisite display effects, and it is the perfect embodiment of the new generation of ultra-high-definition LED display technology.

Professional High Refresh Rate

Up to 3840Hz high refresh rate keeps it high quality display performance even under professional camer-a,no water waves or screen flashing, totally meet the live show requirements.

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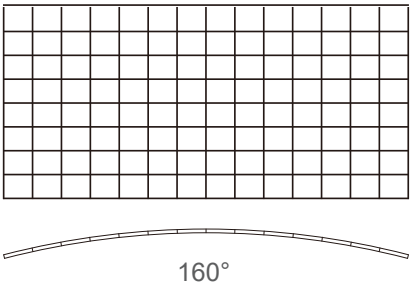
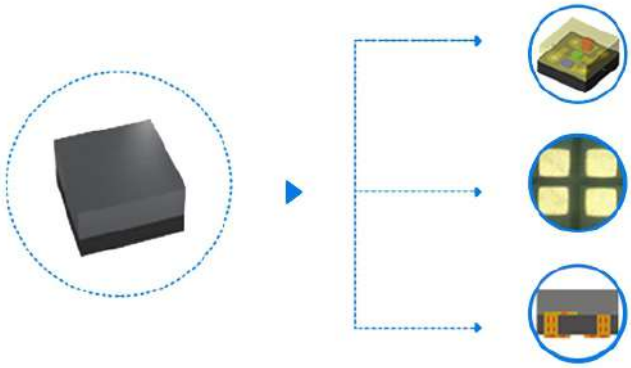
Wide Viewing Angle

The superior contrast with deep black PCB to show vivid image details. High refresh rate to decrease moire-effect even in the shoot of professional camera. Low brightness with high gray scale and full HD processing to meet the high standard of demands. ± 160°view angle brings a truly amazing image with highly color consistency from any angles.



Better Quality Material

Details determine success or failure, only high-quality materials are used



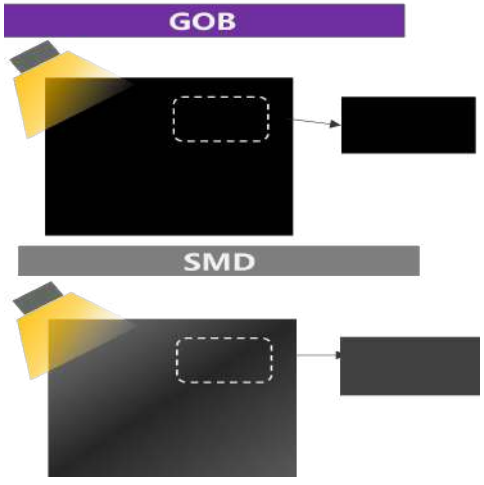
High Air Tightness

Easy Soldering

High Thermal Conductivity

Higher contrast

Due to the different sealing methods, the contrast of GOB will be higher than that of SMD



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SPECIFICATIONS

Product Name	P1.2	P1.5	P1.6	P1.8	P2.0	P2.5
Pixel Pitch	1.25(mm)	1.53(mm)	1.667(mm)	1.8605(mm)	2.0(mm)	2.5(mm)
Pixel Density	640,000(pixels/sqm)	422500(pixels/sqm)	360,000(pixels/sqm)	288,906(pixels/sqm)	250,000(pixels/sqm)	160,000(pixels/sqm)
Cabinet Resolution	512×384(mm)	416×312(mm)	384×288(mm)	344×258(mm)	320×240(mm)	256×192(mm)
Cabinet Dimension	640×480(mm)	640×480(mm)	640×480(mm)	640×480(mm)	640×480(mm)	640×480(mm)
Lamp Type	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2121
Module Size	320×160(mm)	320×160(mm)	320×160(mm)	320×160(mm)	320×160(mm)	320×160(mm)
Module Resolution	256×128(mm)	208×104(mm)	192×96(mm)	172×86(mm)	160×80(mm)	128×64(mm)
Optimum Viewing Distance	1.2m-15m	1.5m-20m	1.5m-20m	1.8m-28m	2.0m-25m	2.5m-30m
Horizontal Viewing Angle	⩾160°	⩾160°	⩾160°	⩾160°	⩾160°	⩾160°
Vertical Viewing Angle	⩾140°	⩾140°	⩾140°	⩾140°	⩾140°	⩾140°
Control System	Synchronous Control					
Average Power Consumption	237(w/m²)	225(w/m²)	219(w/m²)	155(w/m²)	147(w/m²)	127(w/m²)
Max Power Consumption	711(w/m²)	675(w/m²)	657(w/m²)	470(w/m²)	440(w/m²)	385(w/m²)
Driving Method	1/64 S	1/52 S	1/48 S	1/43 S	1/40 S	1/32 S
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
Brightness(cd/m²)	450cd/m²	450cd/m²	450cd/m²	600cd/m²	600cd/m²	500cd/m²
Frame Rate	50/60	50/60	50/60	50/60	50/60	50/60
Brightness Adjustment	16 levels	16 levels	16 levels	16 levels	16 levels	16 levels
Cabinet Weight	6.7±0.05Kg	6.7±0.05Kg	6.7±0.05Kg	6.7±0.05Kg	7.0±0.05Kg	7.0±0.05Kg
Operating Temp	-20℃~ 60℃					
Storage Temp	-25℃~ 60℃					
Humidity Range	10%~90%, Non-condensing					
Life Time	75,000~100,000 Hours					

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