



Die-casting Cabinet Combined with CNC Processing Precise Flatness

Die-cast aluminum cabinet, ensuring the flatness of the entire screen splicing; Large-sized module with hard connection design, reducing process steps, reducing failure rate, and improving installation efficiency.

Efficient heat dissipation | Low power consumption | Low failure rate

SPECIFICATIONS

Model	LDC61009SFP-COB	LDC61012SFP-COB
LED Type	COB	COB
Pixel Pitch (mm)	0.9375	1.25
Cabinet Resolution (dots)	640×360	480×270
Cabinet Size (W×H×D)/(mm)	600×337.5	600×337.5
Module Size (mm)	150×168.75	150×168.75
Contrast	15000 : 1	15000 : 1
Refresh Rate (Hz)	3840	3840
Brightness (nit)	600	600
Power Consumption (Max./Ave.) (W/m ²)	380/127	330/110
Gray Scale (Bit)		13~16
Viewing Angle (H/V°)		170/170
LEDs Life Time (hrs.)		100000
Cabinet Material		aluminum
Maintenance		Front Access
AC Input Voltage (V)		AC 100~240
Operating Temperature/Humidity		-10° ~40° / 10%~80% No condensation

*All the data are from Aurora partner labs. The data above is subject to change without prior notice.



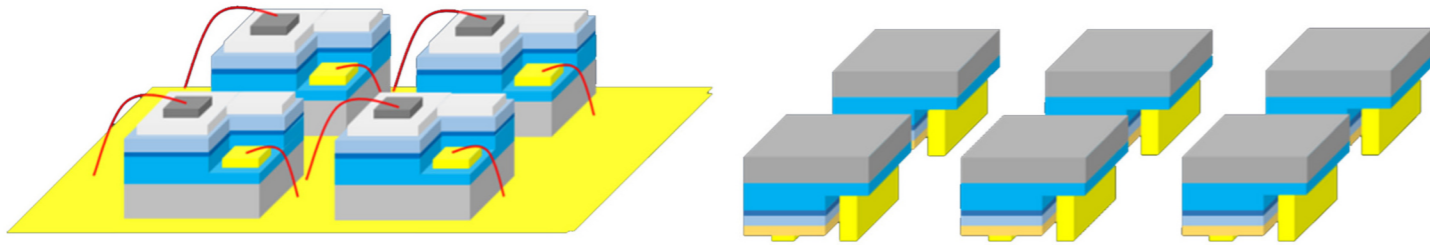
LDC610SFP-COB

Integrated Chip on Board Display

Full Flip Chip Stable and reliable

By adopting COB and full flip RGB chip, the production process eliminates the need for wire-bonding, shortens the process path, and ensures the stability and reliability of the product.

Efficient heat dissipation | Low power consumption | Low failure rate



Front-mounted chip

Full Flip RGB Chip

Dynamic energy saving Efficient operation

The full flip-chip and COB encapsulation technology provides excellent heat dissipation for the chip, resulting in high efficiency. When combined with a constant current driving IC, it achieves energy-saving and high-efficiency performance.

PWM constant current drive | High-quality drive IC



Soft Surface Light Source Pure Color Clear Image

Uniform illumination, soft and non-glaring light source, less likely to cause visual fatigue; high contrast, 3840Hz high refresh rate, providing a high-definition and delicate viewing experience.

Viewing angle $\geq 170^\circ$ | High contrast ratio of 15000:1 | 2K / 4K / 8K display



High refresh rate

Low refresh rate

COB Encapsulation High protection level

Using COB encapsulation technology, the screen surface is smooth and flat, the surface of module has an IP65 protection level, which is resistant to impact, water, moisture, and static electricity, and can be cleaned with dish cloth.

High protection level | IP65 protection rating | Easy to clean

