

THE LEADER AND CREATOR OF FLIP CHIP LED DISPLAY

LX Series

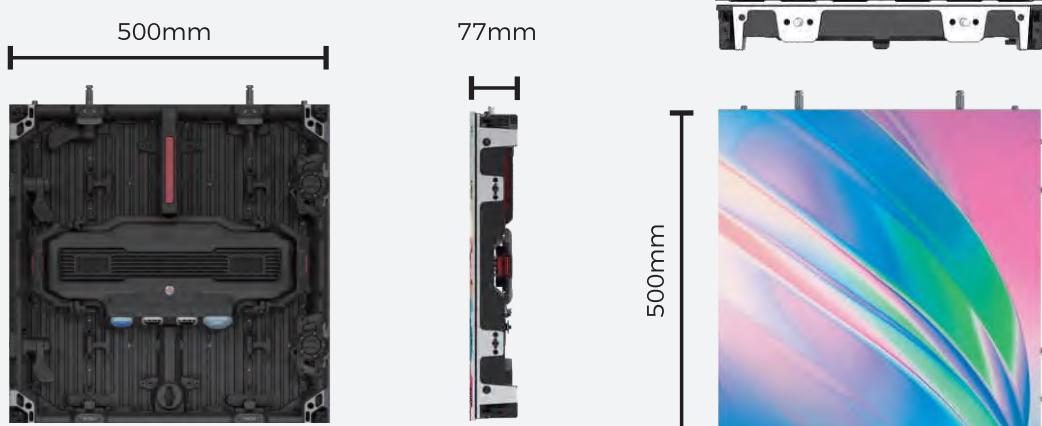
Indoor And Outdoor High-end COB Rental Display

PRODUCT OVERVIEW

-  **Die-cast aluminum cabinet**
Lightweight, high precision, sturdy and durable.
-  **Full flip chip and common cathode design**
Low power consumption, wide viewing angle, and low heat generation.
-  **XR solution**
1500 nits brightness, 7680HZ refresh rate, 20,000:1 contrast ratio
-  **Cabinet modular design**
Fully hard-linked for convenient and quick maintenance.
-  **Snap-on power box**
Quick assembly and disassembly, significantly reducing installation and removal time compared to traditional screw fixation.
-  **Super protection**
COB packaging provides comprehensive protection, including waterproof, dustproof, anti-static, impact-resistant, and oxidation-resistant features.

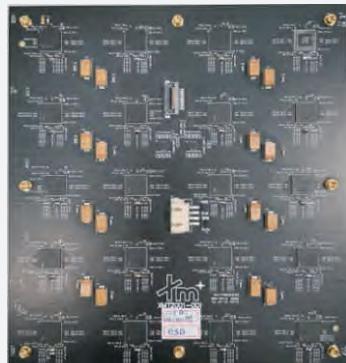
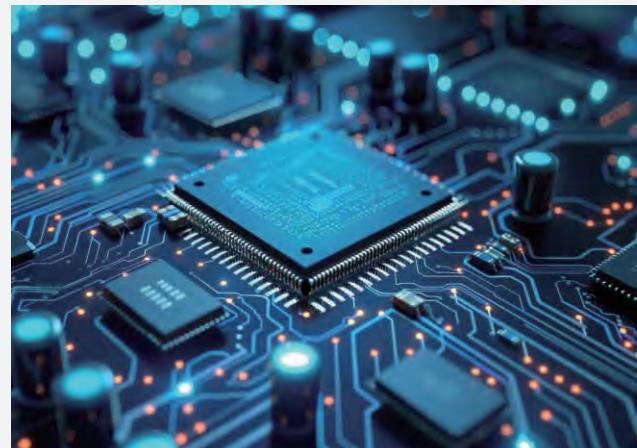


Product Display

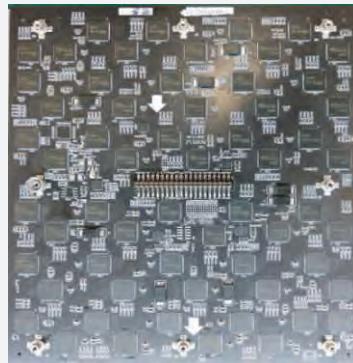


Configured with the Most Advanced Drive IC

- ▲ Common cathode PWM constant current driver IC, energy saving.
- ▲ Precise current control, Perfect solution to cross-board coupling and chromatic aberration.
- ▲ Fine low gray calibration with 3ns pulse width.
- ▲ High gray level 16bit, work with Nova system can be 22bit+ color processing depth.



LP Display

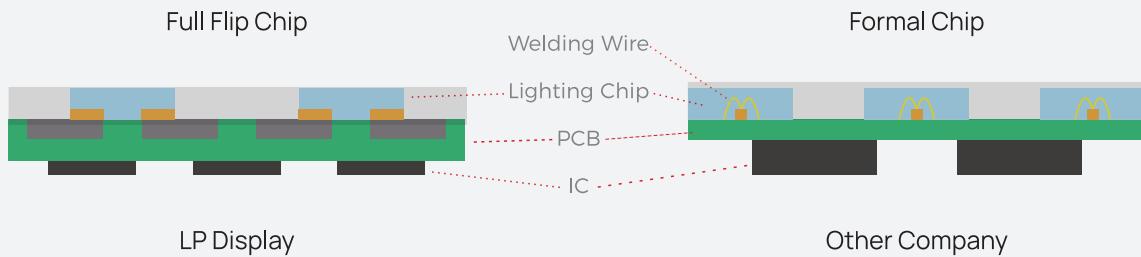


Other Company

- ▲ Large channel design chips, less chips less cost.
- ▲ Same size, fewer chips, less heat generation.
- ▲ Helps improve life and stability.

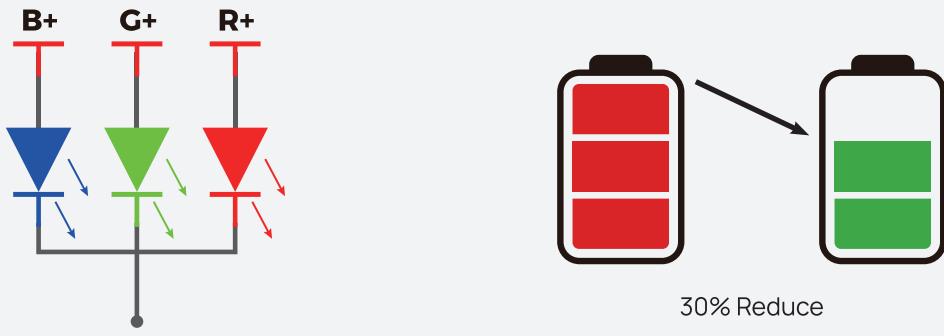
Full Flip Chip COB Panel

- ▲ Full flip chip, no welding pad block, high luminous efficiency, and wider view angle.
- ▲ No welding wire, reduce the failure rate of the lamp bead.
- ▲ Light-emitting chip direct contact with the PCB, which improves heat dissipation.



Common Cathode Design

Product use common cathode design to Reduces heat generation, lowers screen temperature, improves stability and longevity.



Wider View Angle

Flip chip COB package can make wider view angle 170/170°.



Ultra-high Refresh

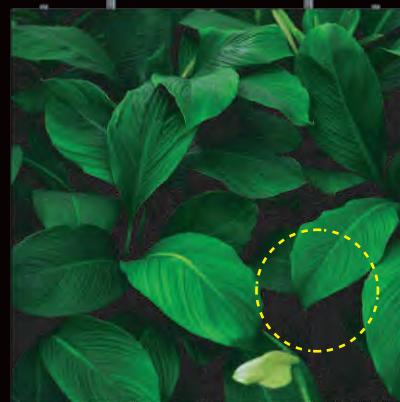
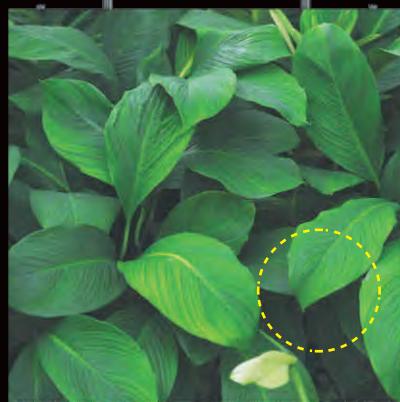


7680hz ultra-high refresh design, no fear of various shooting scenes

High Brightness COB Panel

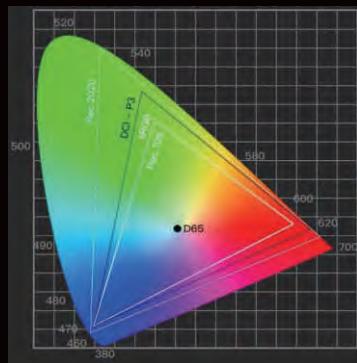


Indoor 1500nits ultra high brightness COB panel, for more vivid and bright display



20,000:1 ultra high contrast ratio make the image more bright and show more details

High Color Gamut



DCI-P3 97% color gamut optional

HDR Support



High Dynamic Range

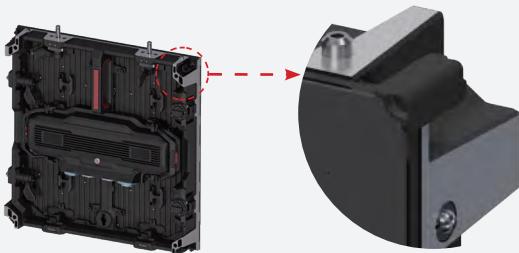
XR Solution

- ▲ 1500nits brightness
- ▲ 7680hz refresh rate
- ▲ 20.000:1 contrast ratio
- ▲ DCI-P3 97% color gamut
- ▲ -6° to +6° curve optional
- ▲ Common cathode energy saving
- ▲ COB panel perfect protection
- ▲ Front and rear maintenance
- ▲ Hanging and stacking



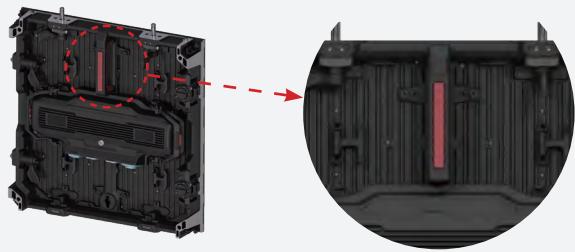
Corner Protection

Corner protector design ensure no damage during transportation.



Handle Design

Top of cabinet is designed with handle, easy to operate during installation and removal, without the risk of dropping.



Radiator Design

The back cover of the power box adopts a radiator design to help dissipate heat and reducing the middle part bluing, helps to improve the stability and life span.



Redundancy Design

Dual power supply design improves stability and avoids performance accidents.



Modular Design

Cabinet modular design, front and rear maintenance, convenient and fast.



Various Ways to Use



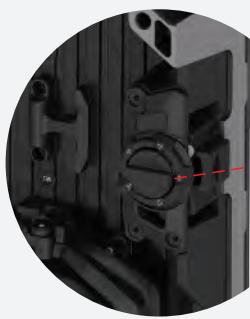
Stacking



Hanging

Flexible Application

-6° to +6° high-precision arc lock, support for concave and convex splicing, uniform arc transition



±6° curve lock



Snap on Power Supply Box



Remove



Fixed

Snap on power supply box design, no screw, fast maintenance

LX Series Specification

Model	LX1.5	LX2.2
PHYSICAL PARAMETERS	Pixel Pitch (mm)	1.5625
	LED type	COB
	Cabinet Resolution (W×H)	320×320
	Cabinet Size (mm) (W×H×D)	500×500×78
	Overall Weight (kg)	7.8
	Pixel Density (dots/m ²)	409,600
OPTICAL PARAMETERS	Frame Rate (Hz)	50/60
	Refresh Rate (Hz)	7680
	Brightness (nits)	≤1500
	Gray Scale (bit)	16
	Contrast Ratio	20,000:1
	Color Temp (K)	2900-9500
ELECTRICAL PARAMETERS	Max. Power Consumption (W/m ²)	≤450
	Avg. Power Consumption (W/m ²)	≤150
	Working Voltage (V)	AC: 110V~240V, 50~60Hz
ADDITIONAL FEATURES	Lifetime (Hrs)	100,000hr
	Operation Temp (RH)	-20~+40
	Operation Humidity (RH)	10%~80%

SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

86+0755-2350 2825

 www.szlpdisplay.com

 oversea@szlpdisplay.com

 5D-701, Shenzhen Software Industry Base, Haitian Second Road, Nanshan, Shenzhen, Guangdong, China



Company
Official Website