



Flex Series

INDOOR CREATIVE LED DISPLAY

PRODUCT OVERVIEW



Multi-form Cabinet

Flat cabinet, concave cabinet, convex cabinet, edge-cut cabinet.



Compatible With Multiple Display Panels

COB, SMD, MIP options.



Smooth Curve

Die casting aluminum frame with CNC machining for perfect curves.



Redundancy Design

Dual receiving card and power supply options.



Easy Maintenance

Full front maintenance .

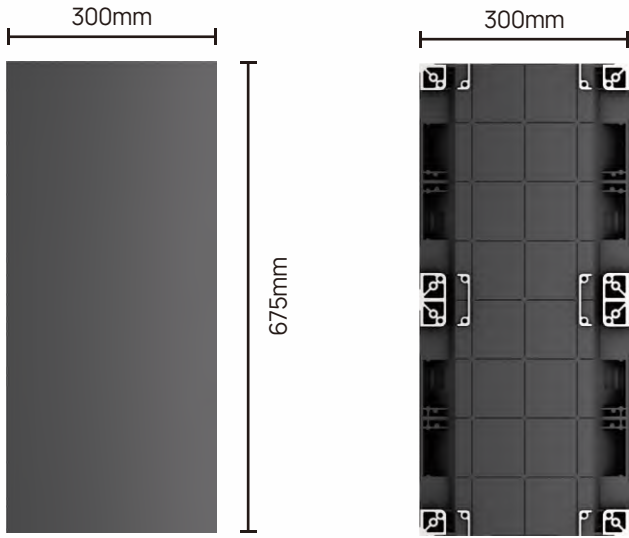


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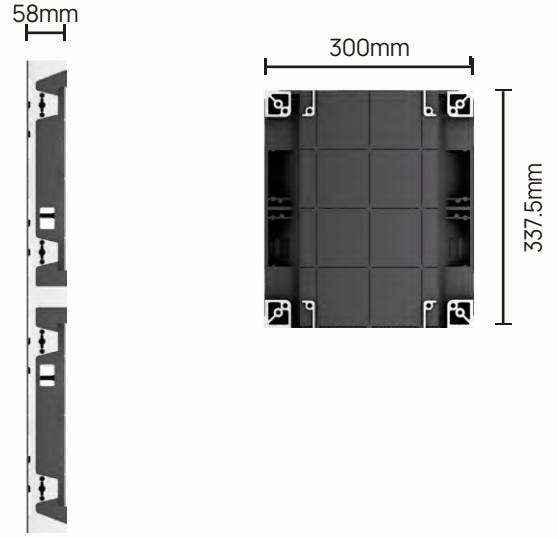
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PRODUCT SIZE



Full size cabinet



Half size cabinet

PRODUCT FORM



Flat(SMD/COB/MIP)



Right angle(SMD/COB/MIP)



Convex(SMD+GOB)



Concave(SMD+GOB)



High Gray Level

16-bit grayscale provides smooth transitions and enhances image detail.




High Contrast Ratio

High contrast enhances the image's colors, making it more vibrant and dynamic.

GOB High Protection

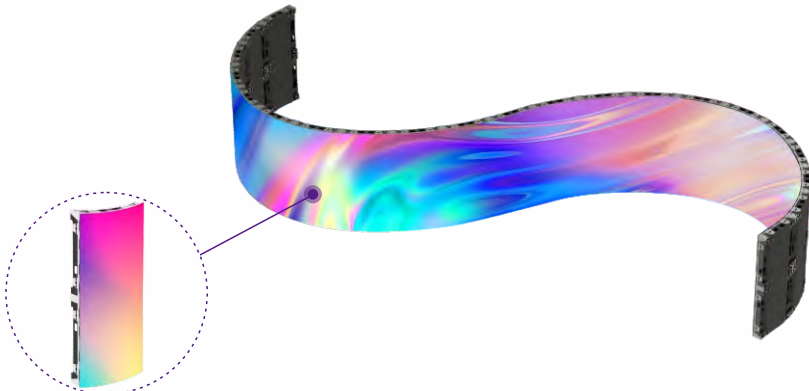
Surface treatment with GOB coating, providing surface water-resistant, dust-resistant, impact-resistant and anti-static.



-  Anti-collision
-  Anti-oxidation
-  Moisture-resistant
-  Anti-static
-  Easy clean

Smooth Curve

CNC five-dimensional processing is used to create curved surfaces on die-cast aluminum cabinets, along with soft and flexible PCBs and high-precision customized CNC angle connection plates, to deliver excellence.



Die cast aluminum curve cabinet






CNC machining aluminum connection Plate

Circular Display

Minimum diameter 1145.9mm, consisting of 12 cabinets arranged to form a circular display.



Easy Maintenance

-  Hard link
-  Hot plug
-  Front maintenance



SPECIFICATION

Categories	Model	P09	P12	P15	P18	P25	P37
Physical Parameters	Pixel Pitch(mm)	0.9375	1.25	1.56	1.875	2.5	3.75
	Pixel Configuration	SMD					
	Pixel Density (dots/m ²)	1,137,778	640,000	409,600	284,444	160,000	71,111
	Cabinet Size (W×H×D)	300×675×58mm					
	Cabinet Resolution (W×H)	320x720	240x540	192x432	160x360	120x270	80x180
	Cabinet Material	Die-cast aluminum					
	Module Size (W×H)	300 × 168.75 mm				300 × 337.5 mm	300 × 168.75 mm
	Weight	5.9kg/cabinet					
Optical Parameters	Viewing Angle	160°(V)/160°(H)					
	Brightness (cd/m ²)	≤800	≤800	≤800	≤800	≤800	≤800
	Brightness Uniformity	≥98%					
	Contrast Ratio	7,000 : 1					
	Refresh Rate	3,840HZ					
	Gray Scale	14~ 16 bit					
	Color Calibration	Pixel to Pixel					
	Color Temperature	2,000~10,000K					
Electrical Parameters	A.C. Inputs	100 ~ 240 V					
	Frame Rate	50 / 60 hz					
	Power Consumption (Max.)	≤750W/m ²	≤550W/m ²	≤500W/m ²	≤500W/m ²	≤400W/m ²	≤400W/m ²
	Power Consumption (Avg.)	≤240W/m ²	≤180W/m ²	≤170W/m ²	≤170W/m ²	≤130W/m ²	≤130W/m ²
	Redundancy	Optional					
Application	Serviceability	Front					
	Operation Temperature	-10°C ~ 40°C					
	Operation Humidity	10% ~ 85%RH					
	Ingress Protection	IP50 front / IP20 rear					
	Exterior/Interior	Interior					
	Lifespan	100,000 hrs					
Others	Certificates	CE, FCC, CB , ETL					
	Packing	Wooden box					

Categories	Model	P09	P12	P15	P18	P25	P37
Physical Parameters	Pixel Pitch	0.9375	1.25	1.5625	1.875	2.5	3.75
	Pixel Configuration	MIP					
	Pixel Density (dots/m ²)	1,137,778	640,000	409,600	284,444	160,000	71,111
	Cabinet Size (W×H×D)	300×675×58mm					
	Cabinet Resolution (W×H)	320×720	240×540	192×432	160×360	120×270	80×180
	Cabinet Material	Die-cast aluminum					
	Module Size (W×H)	300×168.75 mm				300 × 337.5 mm	300 × 168.75 mm
	Weight	5.9 kg/cabinet; 29.5kg/m ²					
Optical Parameters	Viewing Angle	170°(V)/170°(H)					
	Surface Treatment	Black matte					
	Brightness (cd/m ²)	1,000					
	Brightness Uniformity	≥98%					
	Contrast Ratio	25,000 : 1					
	Refresh Rate	3840-7680Hz					
	Gray Scale	14~ 16 bit					
	Color Calibration	Pixel to Pixel					
	Color Temperature	2,000~10,000K					
	Color Gamut	≥97% DCI-P3 options					
	HDR	HLG / HDR / HDR 10+					
Electrical Parameters	A.C. Inputs	100~240V					
	Frame Rate	50/60hz					
	Power Consumption (Max.)	450 W/m ²	450 W/m ²	450 W/m ²	450 W/m ²	450 W/m ²	450 W/m ²
	Power Consumption (Avg.)	150 W/m ²	150 W/m ²	150 W/m ²	150 W/m ²	150 W/m ²	150 W/m ²
	Redundancy	Optional					
Application	Serviceability	Front					
	Operation Temperature	-10°C ~ 40°C					
	Operation Humidity	10% ~ 85%RH					
	Ingress Protection	IP54 front/IP20 rear					
	Exterior/Interior	Interior					
	Lifespan	100,000 hrs					
Others	Certificates	CE, FCC, CB , ETL					
	Packing	Wooden box					

APPLICATIONS





SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

+86-755-2350 2825 www.szlpdisplay.com

oversea@szlpdisplay.com

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



Company
Official Website