



Outdoor LED Display

SL Series

Pixel Pitch (mm) : 2.976 / 3.91 / 4.81 / 6.25 / 7.81 / 10.42

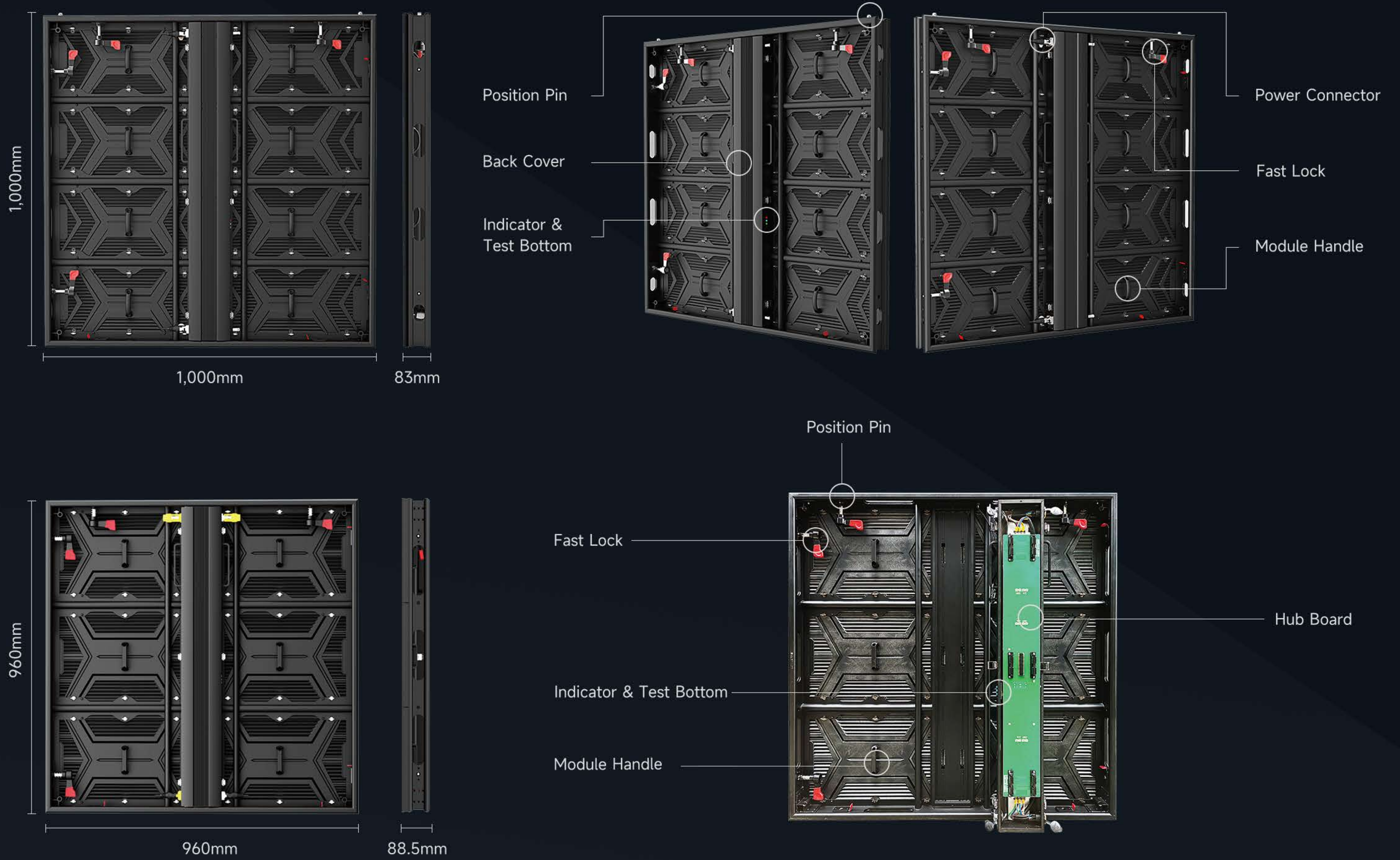
Cabinet Size (mm) : 1,000*1,000*83

Pixel Pitch (mm) : 4 / 5 / 5.71 / 6.66 / 8 / 10

Cabinet Size (mm) : 960*960*88.5

Lightweight & Modular Design

Featuring multiple pixel pitch options and a lightweight aluminum cabinet, this outdoor LED display combines durability with flexibility. Its modular structure ensures convenient handling, quick installation, and efficient maintenance, making it adaptable to a wide range of outdoor display applications.



IP65 Protection

Fully dustproof and waterproof, the SL Series withstands harsh outdoor environments, ensuring reliable performance in any weather conditions.

Matte Corrugation Module Mask

Equipped with a high-contrast ripple mask, the SL Series achieves ultra-high contrast, delivering sharp and vivid images even under direct sunlight.



Seamless Splicing

High-precision cabinets ensure natural, smooth, and seamless splicing for large-format displays, maintaining uniform visual quality across the entire screen.



Front & Rear Maintenance

Supports both front and rear maintenance, simplifying servicing and minimizing downtime.



High Refresh Rate & Grayscale

High refresh rate and superior grayscale rendering provide smooth video playback and vibrant image reproduction for professional-grade content.



High Refresh Rate



Low Refresh Rate



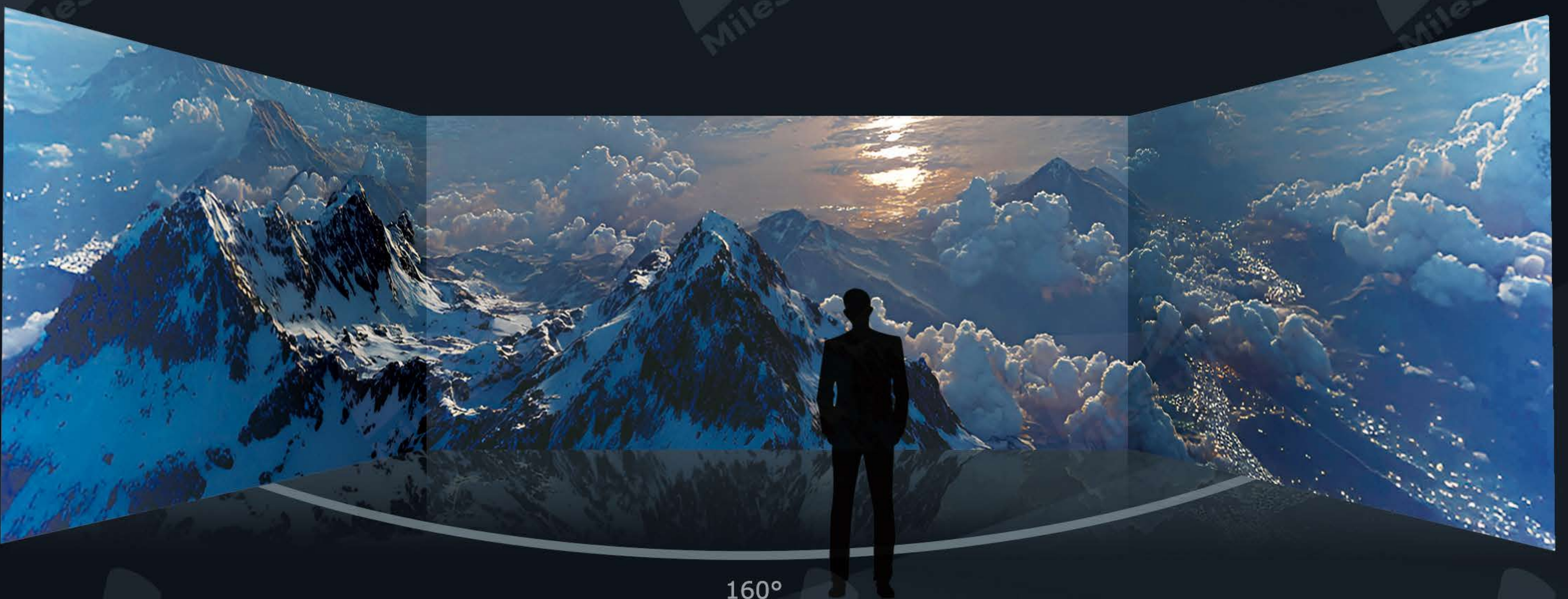
High Grayscale



Low Grayscale

Wide Viewing Angle

160° wide viewing angle ensures consistent and clear images from multiple perspectives, enhancing audience engagement.



160°

Curved & Corner Cabinets

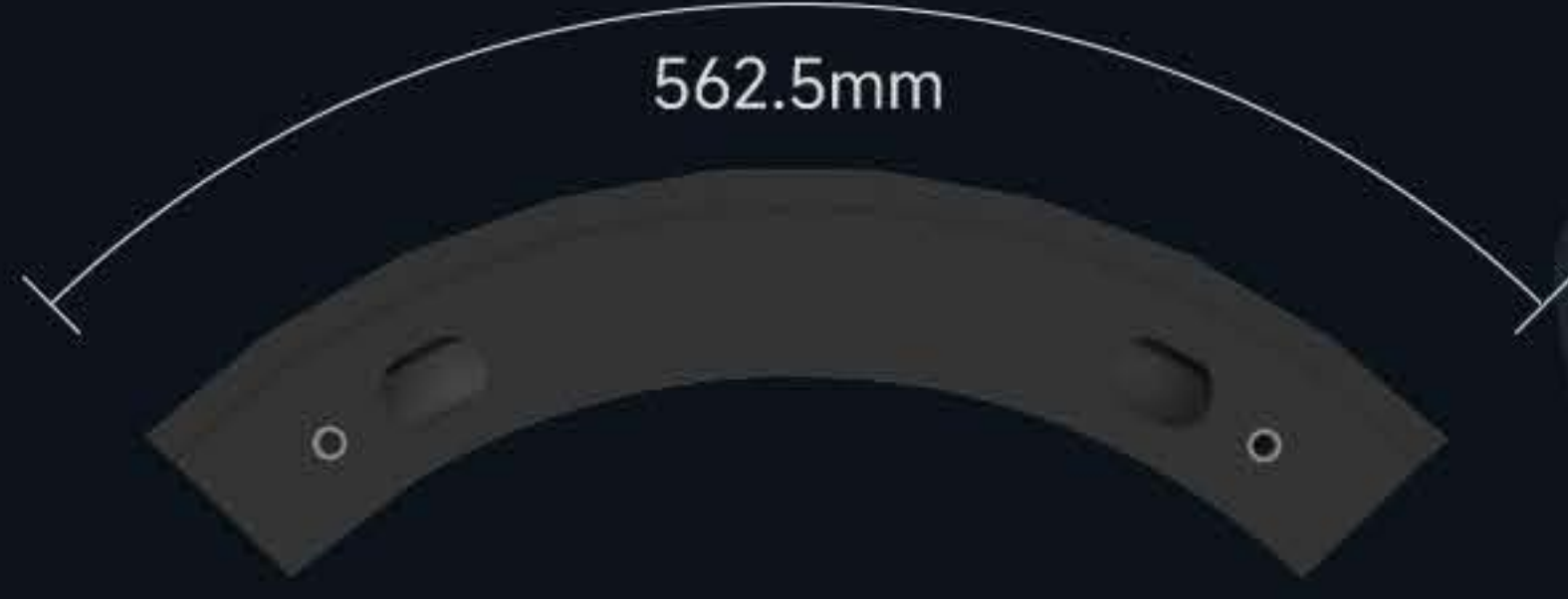
Curved and corner cabinets seamlessly integrate with standard cabinets, enabling creative curved screen layouts and dynamic installations.

Cabinet Size



Front View

1,000mm



Top View

562.5mm

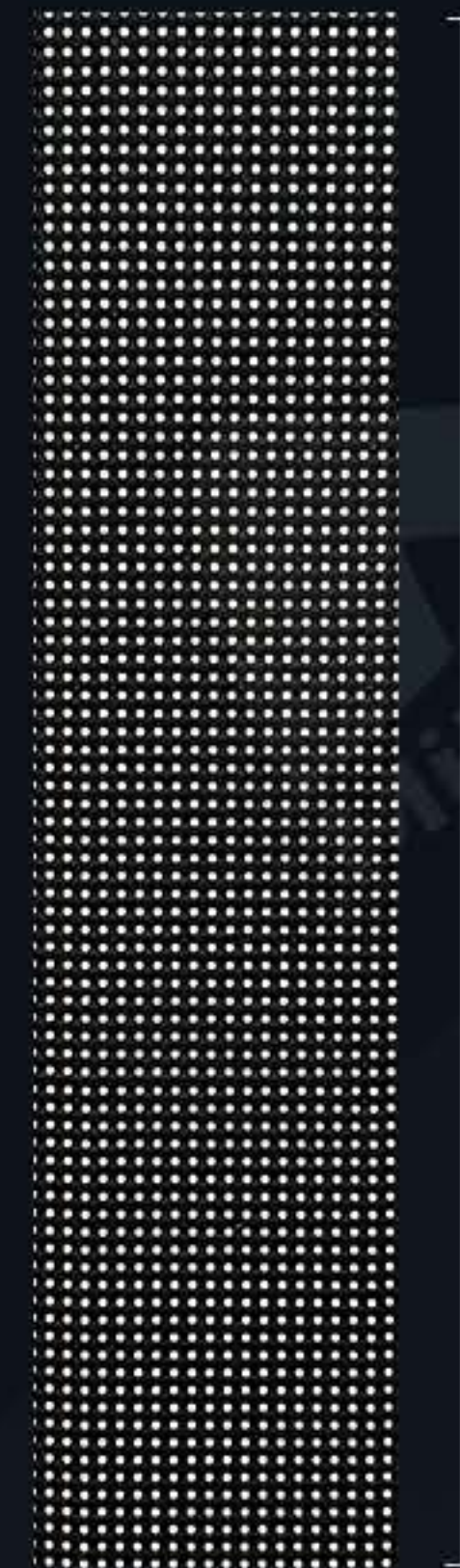


Rear View

Module Size



62.5mm



250mm

Curved Corner Display Splicing



Module Maintenance



Front Access



Rear Access

Application Scenarios

Ideal for outdoor advertising, sports venues, city landmarks, and large public events, delivering high-impact visuals in diverse environments.



Standard Cabinet

Items	SL297	SL391	SL481	SL625	SL781	SL104
Pixel Pitch (mm)	2.976	3.91	4.81	6.25	7.81	10.42
LED Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel Density (pixels/m ²)	112,896	65,536	43,264	25,600	16,384	9,216
Module Resolution (W×H)	168×84	128×64	104×52	80×40	64×32	48×24
Module Size (W×H)	500×250					
Cabinet Size (mm)	1,000×1,000×83 (Customizable to 1,500mm width and 500mm or 750mm height)					
Module Arrangement (W×H)	2×4					
Cabinet Resolution (W×H)	336×336	256×256	208×208	160×160	128×128	96×96
Cabinet Weight (kg)	22.5					
Maintenance	Front & Rear					
Cabinet Material	Aluminum profile					
Brightness (nits)	4,500	6,000	6,000	6,000	6,000	6,000
Color Temperature (K)	1,000–18,500 (adjustable)					
Viewing Angle (H/V)	140°/160°					
Contrast Ratio	5,000:1	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
Frame Rate (Hz)	50/60					
Scan Mode	1/21	1/16	1/13	1/8	1/4	1/2
Grayscale (bit)	16					
Refresh Rate (Hz)	3,840					
Peak Power Consumption (W/m ²)	800	650	650	650	650	650
Average Power Consumption (W/m ²)	100–200					
Protection Level	IP65					
Input Voltage	AC90V–AC264V, 47–63Hz					
Operating Environment	-20 °C ~ 60 °C, 10% ~ 85% RH					
Certifications	CCC, CE, RoHS, FCC, CB, TUV, IEC					

* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.

Items	SL4	SL5	SL571	SL6	SL8	SL10
Pixel Pitch (mm)	4	5	5.71	6.66	8	10
LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Density (pixels/m ²)	62,500	40,000	30,625	22,500	15,625	10,000
Module Resolution (W×H)	120×80	96×64	84×56	72×48	60×40	48×32
Module Size (W×H)	480×320					
Cabinet Size (mm)	960×960					
Module Arrangement (W×H)	2×3					
Cabinet Resolution (W×H)	240×240	192×192	168×168	144×144	120×120	96×96
Cabinet Weight (kg)	21					
Maintenance	Front & Rear					
Cabinet Material	Aluminum profile					
Brightness (nits)	4,500–8,000 (optional)	5,000–10,000 (optional)			6,000–10,000 (optional)	
Color Temperature (K)	5,000–12,000 (optional)					
Viewing Angle (H/V)	140°/160°					
Contrast Ratio	15,000:1					
Frame Rate (Hz)	50/60					
Scan Mode	1/8	1/8	1/7	1/6	1/4	1/2
Grayscale (bit)	16					
Refresh Rate (Hz)	3,840–7,680					
Peak Power Consumption (W/m ²)	800					
Average Power Consumption (W/m ²)	200–300	100–200				
Protection Level	IP65					
Input Voltage	AC90V–AC264V, 47–63Hz					
Operating Environment	-20 °C ~ 60 °C, 10% ~ 85% RH					
Certifications	CCC, CE, RoHS, FCC, CB, TUV, IEC					

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Curved Coner Cabinet

Items	SLC391	SLC481	SLC625	SLC781	SLC104
Pixel Pitch (mm)	3.91	4.81	6.25	7.81	10.42
LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel Density (pixels/m ²)	65,535	43,264	25,600	16,384	9,216
Module Resolution (W×H)	16×64	104×52	80×40	8×32	6×24
Module Size (W×H)	62.5×250				
Cabinet Size (mm)	562.5×1,000				
Module Arrangement (W×H)	9×4				
Cabinet Resolution (W×H)	144×256	208×208	160×160	72×128	54×96
Cabinet Weight (kg)	24.6				
Maintenance	Front & Rear				
Cabinet Material	Steel				
Brightness (nits)	5,000	6,000	6,000	5,000	5,000
Color Temperature (K)	1,000–18,500 (adjustable)				
Viewing Angle (H/V)	140°/160°				
Cabinet Flatness (mm)	≤0.1				
Contrast Ratio	10,000:1				
Frame Rate (Hz)	50/60				
Driving Method	Constant current				
Scan Mode	1/16	1/13	1/8	1/16	1/16
Grayscale (bit)	16				
Refresh Rate (Hz)	3,840				
Peak Power Consumption (W/m ²)	650				
Average Power Consumption (W/m ²)	200–300	100–200	100–200	200–300	200–300
Protection Level	IP65				
Input Voltage	AC90V–AC264V, 47–63Hz				
Operating Environment	-20 °C ~ 60 °C, 10% ~ 85% RH				
Certifications	CCC, CE, RoHS, FCC, CB, TUV, IEC				

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Bring your ideas into reality

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