



Indoor LED LSGA

LSGA Indoor LED Series



Fast Installation



Easy Maintenance



Front and Rear Serviceability

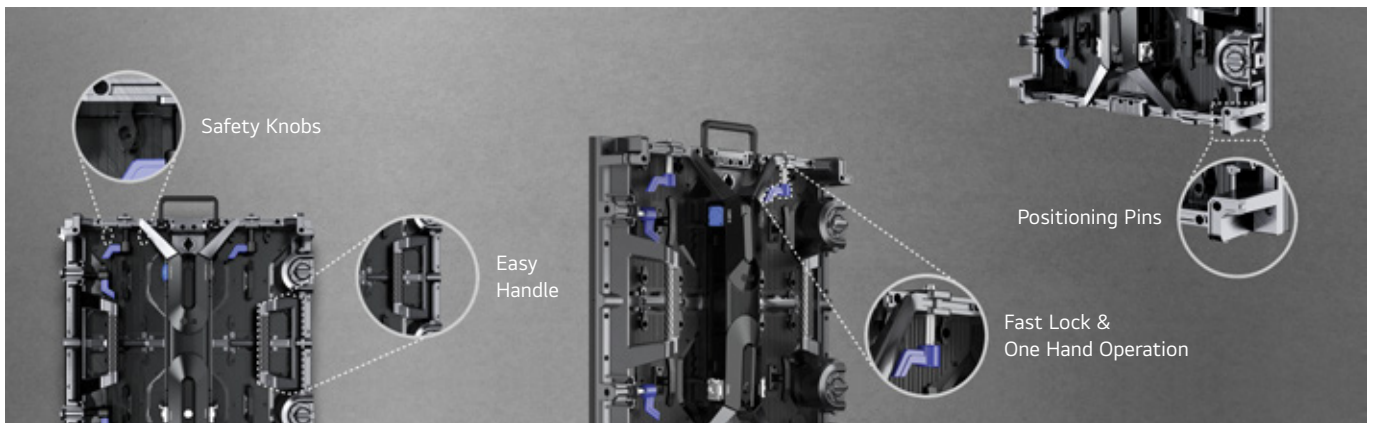


Two Cabinet Options

LSGA

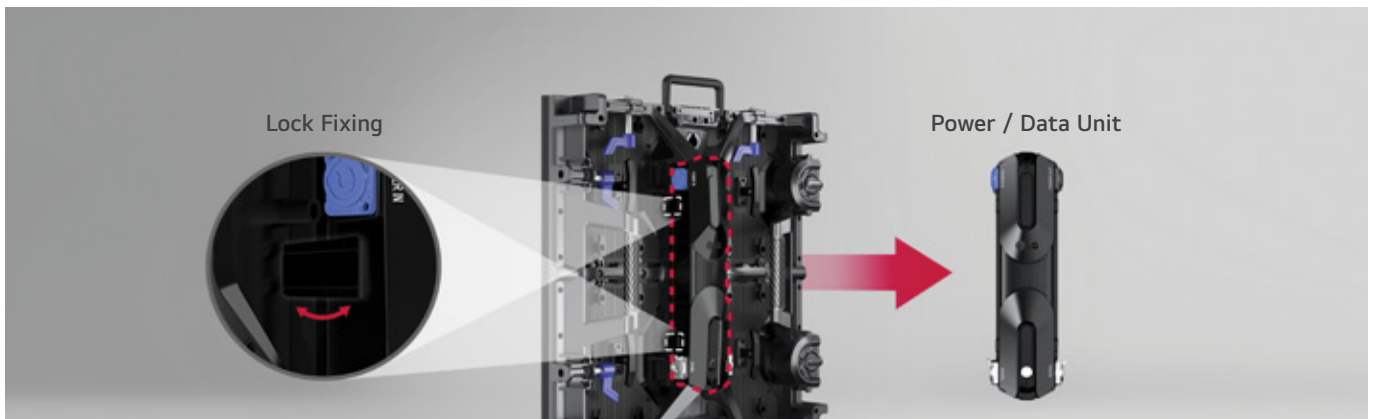
Pixel Pitch	1.85 / 2.6 / 3.91 mm
Brightness	800 nit
Weight per Cabinet	6 / 10 kg
Service Access	Front and Rear
IP Rating Front / Rear	IP40 / IP20





Fast Installation

Various factors such as safety knobs, fast locks, handles, and positioning pins facilitate the installer in smoothly setting up and dismantling LED screens without the requirement of extra tools.



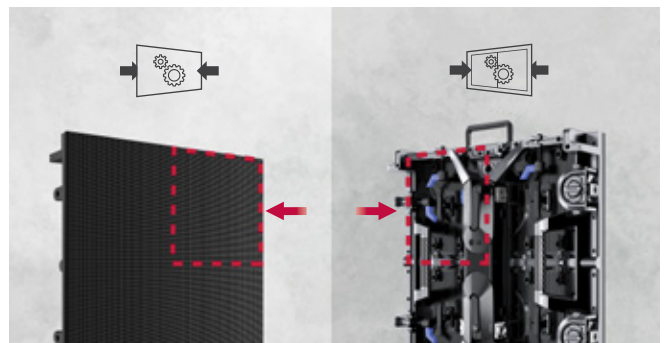
Easy Maintenance

The LSGA series features a lock fixing method that requires no additional tools, simplifying the process of replacing LED modules or power/data units and resulting in time and cost savings for maintenance.



Two Cabinet Options

The LSGA series offers two cabinet sizes to accommodate customer demands for various screen sizes.



Front and Rear Serviceability

The product offers either front access or rear access, allowing customers to choose installation options according to their environment and minimizes limitations in installation and maintenance.

	Model Name	LSGA018-CK	LSGA018-GK	LSGA026-CK	LSGA026-GK	LSGA039-CK	LSGA039-GK
	Pitch Name	P1.85	P1.85	P2.60	P2.60	P3.91	P3.91
Physical Parameters	Pixel Configuration	Single SMD					
	Pixel Pitch (mm)	1.85	1.85	2.6	2.6	3.91	3.91
	Module Resolution (W x H)	135 x 135	135 x 135	96 x 96	96 x 96	64 x 64	64 x 64
	Module Dimensions (W x H, mm)	250x250					
	Weight per Module (kg)	0.55					
	No. of Modules per Cabinet (W x H)	2 x 2	2 x 4	2 x 2	2 x 4	2 x 2	2 x 4
	Cabinet Resolution (W x H)	270 x 270	270 x 540	192 x 192	192 x 384	128 x 128	128 x 256
	Cabinet Dimensions (W x H x D, mm)	500 x 500 x 90	500 x 1,000 x 90	500 x 500 x 90	500 x 1,000 x 90	500 x 500 x 90	500 x 1,000 x 90
	Cabinet Surface Area (m ²)	0.25	0.5	0.25	0.5	0.25	0.5
	Weight per Cabinet (kg / unit)	6	10	6	10	6	10
	Weight per Square Meter (kg / m ²)	24	20	24	20	24	20
	Physical Pixel Density (pixels / m ²)	291600	291600	147,456	147,456	65,536	65,536
	Flatness of Cabinet (mm)	±0.1					
	Cabinet material	Magnalium					
	Service access	Front & Rear					
Optical Specifications	Brightness (After Calibration, nit)	Max. 800					
	Color Temperature (K)	3,200 ~ 9,300					
	Visual Viewing Angle (Horizontal)	160					
	Visual Viewing Angle (Vertical)	140					
	Brightness Uniformity	0.98					
	Color Uniformity	±0.003 Cx, Cy					
	Contrast Ratio	6,500 : 1					
	Processing Depth (bit)	14 (HDR10, HDR10 Pro)					
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	97.5	195	97.5	195	93	186
	Power Consumption (W/Cabinet, Avg.)	32.5	65	32.5	65	31	62
	Power Consumption (W/m ² , Max.)	390	390	390	390	372	372
	Heat Dissipation (BTU/h/Cabinet, Max.)	266	532	266	532	253	508
	Heat Dissipation (BTU/h/Cabinet, Avg.)	89	177	89	177	84	169
	Heat Dissipation (BTU/h/m ² , Max.)	1065	1065	1065	1065	1,010	1,015
	Power Supply (V)	100 to 240					
	Frame Rate (Hz)	50 / 60					
	Refresh Rate (Hz)	3,840					
Operation Specifications	LED Lifetime (Half brightness)	100,000					
	Operating Temperature (°C)	-10 °C to + 40 °C					
	Operating Humidity	10 ~ 80 % RH					
	IP rating Front	IP40					
	IP rating Rear	IP20					
Controller		CVGA					

Creative Visualization

*Product images shown are for representation purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.