

DESTINATION	REMARK	TERM
LONDON	ON TIME	1A
BERLIN	ON TIME	1A
NEW YORK	DELAYED	2B
PARIS	ON TIME	1A
PRAGUE	CHECK-IN	1B
MILAN	CHECK-IN	2B
BANGKOK	ON TIME	2A
SAN DIEGO	DELAYED	2B
KUALA LUMPUR	ON TIME	1A
HONG KONG	ON TIME	1B
SEOUL	CHECK-IN	2A
SINGAPORE	CHECK-IN	1B
DOHA	DELAYED	2A
SAN FRANCISCO	DELAYED	1B
MIAMI	ON TIME	1A
BOSTON	ON TIME	1A
DUBAI	ON TIME	2B



* All images in this datasheet are for illustrative purposes only.

Indoor LED LSGA

LSGA Indoor LED Series

Fast Installation

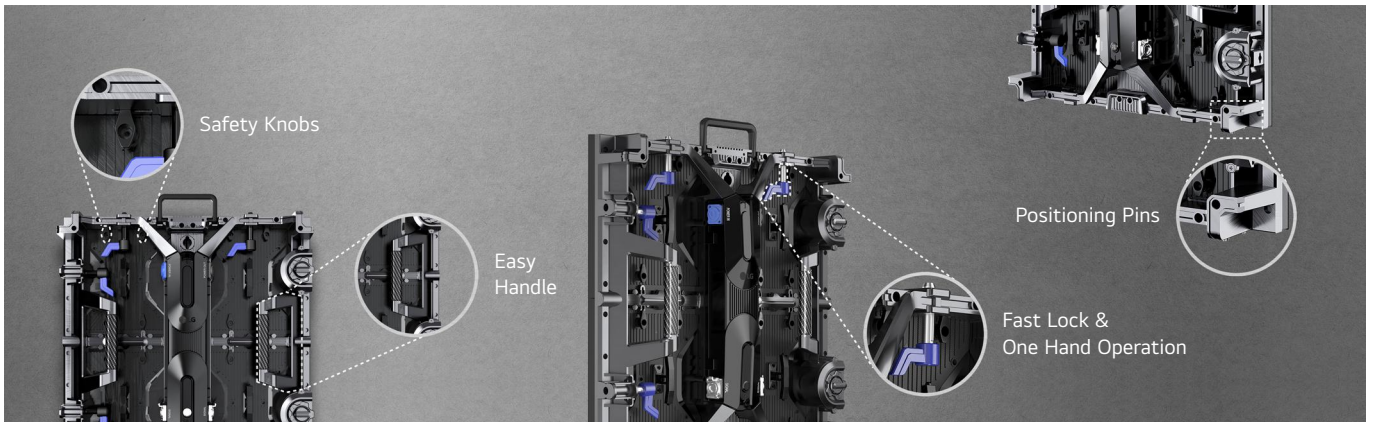
Easy Maintenance

Front and Rear Serviceability

Two Cabinet Options

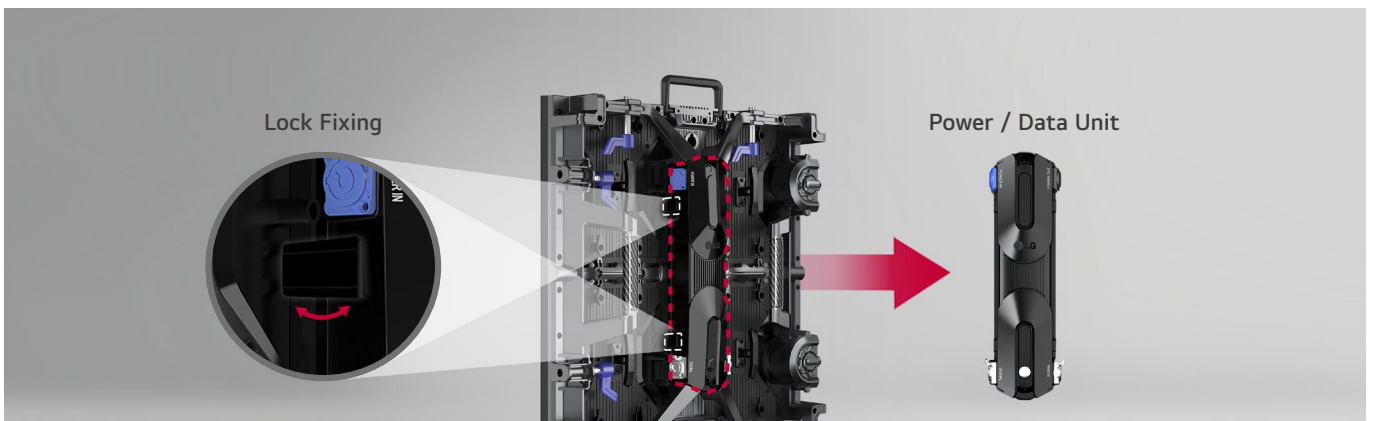
LSGA	
Pixel Pitch	2.6 / 3.91 mm
Brightness	800 nit
Weight per Cabinet	6 / 10 kg
Service Access	Front and Rear
IP Rating Front / Rear	IP40 / IP20





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.



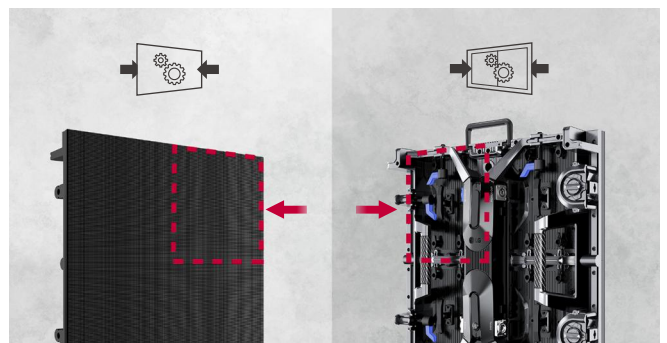
Easy Maintenance

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.

SPECIFICATIONS

		LSGA026-CK	LSGA026-GK	LSGA039-CK	LSGA039-GK
Pitch Name		P2.6	P2.6	P3.9	P3.9
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	2.6	2.6	3.91	3.91
	Module Resolution (W × H)	96 × 96	96 × 96	64 × 64	64 × 64
	Module Dimensions (W × H, mm)	250 × 250	250 × 250	250 × 250	250 × 250
	Weight per Module (kg)	0.55	0.55	0.55	0.55
	No. of Modules per Cabinet (W × H)	2 × 2	2 × 4	2 × 2	2 × 4
	Cabinet Resolution (W × H)	192 × 192	192 × 384	128 × 128	128 × 256
	Cabinet Dimensions (W × H × D, mm)	500 × 500 × 90	500 × 1,000 × 90	500 × 500 × 90	500 × 1,000 × 90
	Cabinet Surface Area (m ²)	0.25	0.5	0.25	0.5
	Weight per Cabinet (kg/unit)	6	10	6	10
	Weight per Square Meter (kg/m ²)	24	20	24	20
	Physical Pixel Density (pixels/m ²)	147,456	147,456	65,536	65,536
	Flatness of Cabinet (mm)	±0.1	±0.1	±0.1	±0.1
	Cabinet Material	Magnalium	Magnalium	Magnalium	Magnalium
Service Access	Front and Rear	Front and Rear	Front and Rear	Front and Rear	
Optical Specifications	Max. Brightness (After Calibration, nit)	800	800	800	800
	Color Temperature (K)	3,200-9,300	3,200-9,300	3,200-9,300	3,200-9,300
	Visual Viewing Angle (H × V)	160 × 140	160 × 140	160 × 140	160 × 140
	Brightness Uniformity	0.98	0.98	0.98	0.98
	Color Uniformity	±0.003 Cx, Cy	±0.003 Cx, Cy	±0.003 Cx, Cy	±0.003 Cx, Cy
	Contrast Ratio	6,500 : 1	6,500 : 1	6,500 : 1	6,500 : 1
	Processing Depth (bit)	14	14	14	14
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	98	196	93	186
	Power Consumption (W/Cabinet, Avg.)	33	66	31	62
	Power Consumption (W/m ² , Max.)	392	392	372	372
	Heat Dissipation (BTU/h/Cabinet, Max.)	266	535	253	508
	Heat Dissipation (BTU/h/Cabinet, Avg.)	89	180	84	169
	Heat Dissipation (BTU/h/m ² , Max.)	1,065	1,070	1,010	1,015
	Power Supply (V)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Refresh Rate (Hz)	3,840	3,840	3,840	3,840	
Operation Specifications	Lifetime (Half Brightness)	100,000	100,000	100,000	100,000
	Operating Temperature (°C)	-10 to +40	-10 to +40	-10 to +40	-10 to +40
	Operating Humidity	10-80% RH	10-80% RH	10-80% RH	10-80% RH
	IP Rating Front / Rear	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20
Standard	Certification	CE, FCC, cTUVus, CB	CE, FCC, cTUVus, CB	CE, FCC, cTUVus, CB	CE, FCC, cTUVus, CB
Environment		RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH
Controller		CVGA	CVGA	CVGA	CVGA
90 Degree Corner Cut		No	No	No	No

CVGA (Controller)

		Cabinet	LSGA
Max Output Range	Loading Capacity		3,840 × 2,160 @ 60 Hz
	Output Resolution		8.2944 Million Pixels
Input	HDMI 2.0, HDCP 2.2, DP 1.2 / HDCP 1.3, OPS		
Output	Ethernet (To LED Screen (16-channel))		
Control	LAN		Yes
	RS-232C		Yes (LOOP)
Sensor	Temperature		Yes
Video Processing Application	Brightness Adjustment, Chroma Adjustment, Improved Grayscale at Low Brightness, Scaling, HDR10 Pro		
Application	SuperSign CMS, webOS API, LG ConnectedCare [®] , Configuration SW (LED Assistant)		
Mechanical	Size (W × H × D, mm)	443 × 63 × 307.5	
	Weight (kg)	4.9	

¹⁾ The availability can differ by region.

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



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