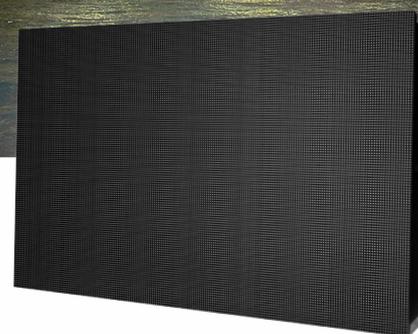




* All images in this datasheet are for illustrative purposes only.



Outdoor LED GSEH

Ultra High Brightness Series

 Ultra High Brightness

 Quick Installation

 Easy Maintenance

 Compatibility with LG Software Solutions

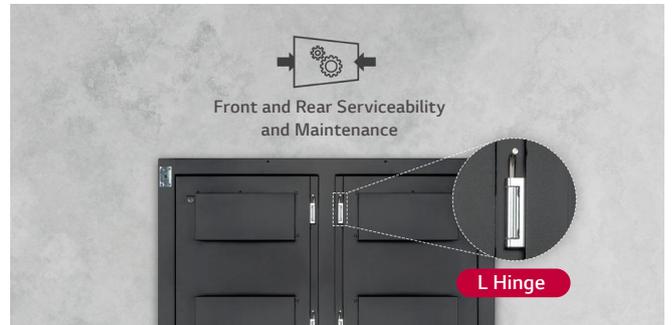
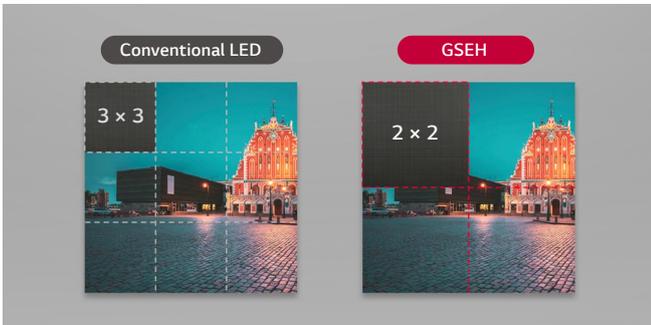
GSEH

Pixel Pitch	6.00 / 8.00 / 10.67 / 16.00 mm
Brightness	8,500 nit
Weight per Cabinet	42.0 kg (P6.00) 104.0 kg (P8.00, P10.67, P16.00)
Service Access	Front and Rear
IP Rating Front / Rear	IP65 / IP54



Ultra High Brightness

With a great brightness of 8,500 nits, it clearly delivers content and attracts public attention, which is the suitable display for outdoor visibility.



Quick Installation

The GSEH series is 1.5 times larger than a conventional LED cabinet, making it much easier to fit a screen of the same size.

- * Normal size is 1.536 × 1.536 m except GSEH060 (1,152 × 768 mm)
- * Conventional LED (e.g. GSED series) cabinet size is 1.0 × 1.0 m

Easy Maintenance

Both front and rear are supported. When rear service is required, the door itself can be removed as it is with an L-shaped hinge, which allows maintenance to be performed in a narrower space.



Compatibility with LG Software Solutions

When connected with LG's CVEA system controller, the GSEH series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers operate their own business properly.

- * The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.
- * The items that can be monitored by LG ConnectedCare : Main Board (Temp., Signal Status, FPGA Ver, Ethernet Connection Status), Receiving Card (Temp., LED Power)
- * Actual GUI may vary in different webOS versions.
- * SuperSign CMS service needs to be purchased separately.

SPECIFICATIONS

		GSEH060-GR	GSEH080-GR	GSEH100-GR	GSEH160-GR
	Pitch Name	P6.00	P8.00	P10.67	P16.00
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	6.00	8.00	10.67	16.00
	Module Resolution (W × H)	32 × 32	24 × 24	18 × 18	12 × 12
	Module Dimensions (W × H, mm)	192 × 192	192 × 192	192 × 192	192 × 192
	Weight per Module (kg)	0.54	0.57	0.56	0.56
	No. of Modules per Cabinet (W × H)	6 × 4	8 × 8	8 × 8	8 × 8
	Cabinet Resolution (W × H)	192 × 128	192 × 192	144 × 144	96 × 96
	Cabinet Dimensions (W × H × D, mm)	1,152 × 768 × 217	1,536 × 1,536 × 222	1,536 × 1,536 × 222	1,536 × 1,536 × 222
	Cabinet Surface Area (m ²)	0.885	2.359	2.359	2.359
	Weight per Cabinet (kg/Cabinet)	42.0	104.0	104.0	104.0
	Weight per Square Meter (kg/m ²)	47.5	44.1	44.1	44.1
	Physical Pixel Density (pixels/m ²)	27,777	15,625	8,789	3,906
	Flatness of Cabinet (mm)	±1.0	±1.0	±1.0	±1.0
	Cabinet Material	Al	Al	Al	Al
	Service Access	Front and Rear	Front and Rear	Front and Rear	Front and Rear
Optical Specifications	Max Brightness (After Calibration, nit)	8,500	8,500	8,500	8,500
	Color Temperature (K)	3,500-8,500	3,500-8,500	3,500-8,500	3,500-8,500
	Visual Viewing Angle (H × V)	160 × 130	160 × 130	160 × 140	160 × 105
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.05 Cx, Cy	±0.05 Cx, Cy	±0.05 Cx, Cy	±0.05 Cx, Cy
	Contrast Ratio (Typ.)	4,000 : 1	5,000 : 1	8,000 : 1	10,000 : 1
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)			
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	690	1,770	1,810	1,690
	Power Consumption (W/Cabinet, Avg.)	276	708	724	676
	Power Consumption (W/m ² , Max.)	780	750	767	716
	Heat Dissipation (BTU/h/Cabinet, Max.)	2,355	6,040	6,177	5,767
	Heat Dissipation (BTU/h/Cabinet, Avg.)	942	2,416	2,471	2,307
	Heat Dissipation (BTU/h/m ² , Max.)	2,662	2,560	2,618	2,445
	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	5,040	7,680	3,840
Operation Specifications	LED Lifetime (Half Brightness)	100,000	100,000	100,000	100,000
	Operating Temperature (°C)	-30 to +50	-30 to +50	-30 to +50	-30 to +50
	Operating Humidity	0-90% RH	0-90% RH	0-90% RH	0-90% RH
	IP Rating Front / Rear	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Certification	CE / FCC / ETL	CE / FCC / ETL	CE / FCC / ETL	CE / FCC / ETL	
Environment	RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH	
Controller	CVEA	CVEA	CVEA	CVEA	
90 Degree Corner Cut	Yes	Yes	Yes	Yes	

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



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