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* Availability of product may differ by region. Contact your local LG sales agent for details.

Outdoor LED GEAA Series

Open-frame LED Display



Open-frame Type



High Reliability



High Picture Quality



Energy Efficiency

GEAA

Pixel Pitch	1.88 mm
Brightness	3,500 nit (Max.)
Weight per Cabinet	60 kg
Service Access	Front (Cabinet Only)
IP Rating	IP54 / IP20



Open-frame Type LED Signage

GEAA is an open-frame LED that gives you the flexibility to customize the display to your exact preferences. It meets various customer needs by combining superior screen and controller technology with advanced heat dissipation.



High Picture Quality

With its high picture quality, GEAA delivers clear content that captures the attention of passersby. Additionally, its high contrast ratio and outstanding low gray-scale performance allow it to convey a wide range of information effectively.



Wide Operating Temperature Range

GEAA is suitable for outdoor environments exposed to wide temperature fluctuations. It can operate within a temperature range of -20°C to 50°C.



Easy Installation and Maintenance

GEAA offers front access, freeing customers from needing rear access space and minimizing limitations in installation and maintenance. Additionally, its screw-less design contributes to lower maintenance costs, leading to long-term savings.



Efficient Energy Management

You can enjoy energy savings as GEAA uses low power thanks to its operating technology.

SPECIFICATIONS

GEAA018-GQ8

		P1.875
Physical Parameters	Pixel Configuration	Single SMD
	Pixel Pitch (mm)	1.88
	Module Resolution (W × H)	72 × 128
	Module Dimensions (W × H, mm)	135 × 240
	Weight per Module (kg)	0.32
	No. of Modules per Screen (W × H)	8 × 8
	Screen Resolution (W × H)	576 × 1,024
	Set Dimensions (W × H × D, mm)	1,202.8 × 2,003 × 163.9
	Cabinet Dimensions (W × H × D, mm)	1,080 × 1,920 × 47
	Cabinet Resolution (W × H)	576 × 1,024
	Cabinet Surface Area (m ²)	2.0736
	Weight of the Set (kg/unit)	109
	Weight per Cabinet (kg/unit)	60
	Physical Pixel Density (pixels/m ²)	284,444
	Flatness of Cabinet (mm)	±1.0
	Cabinet Material	Aluminum
	Service Access	Front (Cabinet Only)
Optical Specifications	Max. Brightness (After Calibration, nit)	3,500
	Color Temperature (K)	3,000-10,000
	Visual Viewing Angle (H × V)	170 × 170
	Brightness Uniformity	95%
	Color Uniformity	±0.003 Cx, Cy
	Contrast Ratio	8,000 : 1
	Processing Depth (bit)	14
Electrical Specifications	Power Consumption (W/h, Max.)	1,750 (Typ. : 1420 @ 220 V)
	Power Consumption (W/h, Avg : IEC62087 Standard Video)	430
	Power Consumption (W/m ² , Max.)	800
	Heat Dissipation (BTU/h/Cabinet, Max.)	5,630
	Heat Dissipation (BTU/h/Cabinet, Avg.)	1,467
	Heat Dissipation (BTU/h/m ² , Max.)	2,730
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
	Refresh Rate (Hz)	3,840
Operation Specifications	Lifetime (Half Brightness)	100,000
	Operating Temperature (°C)	-20 to +50
	Operating Humidity	10-80% RH
	IP Rating Front / Rear	IP54 / IP20
Certification		CE, FCC, cTUVus, CB Class A
Environment		RoHS, REACH
Controller		Including

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



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