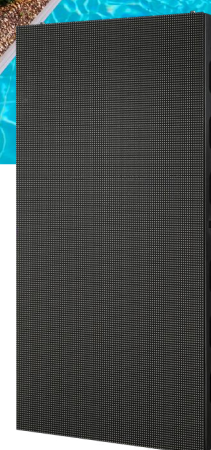




\* All images in this document are for illustrative purposes only.

## Outdoor DVLED GNEA Series

# Outdoor LED Display for Seaside Environments



Durability for Rough Environment



Safe Installation and Maintenance



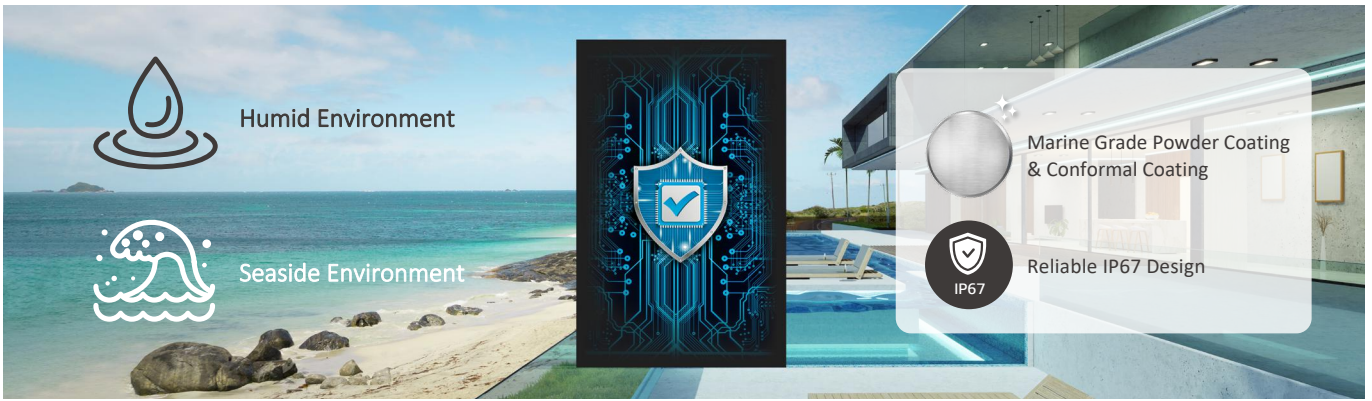
High Refresh Rate



Compatibility with LG Software Solutions

### GNEA Series

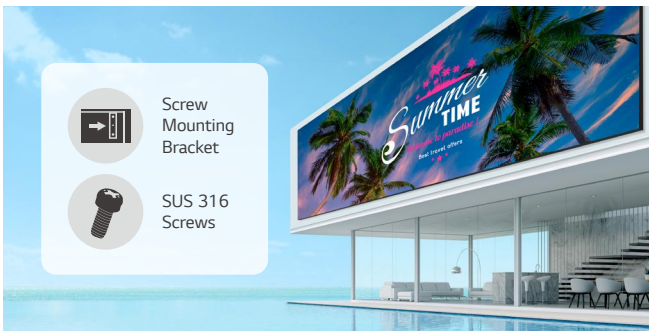
Pixel Pitch	6.25 / 8.33 / 10 mm
Brightness	6,000 nits
Weight per Cabinet	88.2 lbs.
Service Access	Rear
IP Rating	IP67



## Durability for Rough Environment

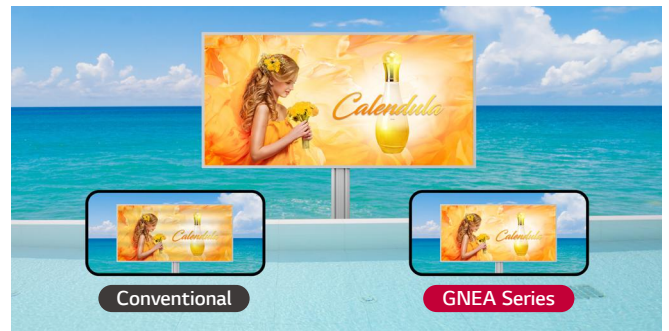
GNEA series provides durability with marine-grade powder coating and conformal coating to protect against salinity and corrosion in marine environments and weather conditions. Both the front and rear of the cabinet are IP67-certified and feature reliable designs for seaside, allowing for stable power and data connections protected from outdoor environmental factors such as wet weather and the salinity. The unexposed front screws further lower the potential for corrosion

\* Metal parts meet Qualicoat standards.



## Installation and Maintenance

GNEA series offers hassle-free installation and maintenance with a powerful screw mounting bracket. Applying corrosion-resistant SUS 316 screws further protects against salt corrosion, leading to increased durability.



## High Refresh Rate

A high refresh rate of 7,680 Hz assures the smooth playback of content. The highly-refreshed image prevents the black bars that typically occur during video playback and reduces the potential for blurred images for viewers.



## Compatibility with LG Software Solutions

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

\* SuperSign CMS, LED Assistant and ConnectedCare services sold separately. Actual user interface may vary with different webOS versions.

## SPECIFICATIONS

		GNEA062-GN	GNEA083-GN	GNEA100-GN
Pitch Name		P6.25	P8.33	P10.00
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	6.25	8.33	10.00
	Module Resolution (W × H)	64 × 64	48 × 48	40 × 40
	Module Dimensions (W × H)	15.7 x 15.7 in. / 400 × 400 mm	15.7 x 15.7 in. / 400 × 400 mm	15.7 x 15.7 in. / 400 × 400 mm
	Weight per Module	5.4 lbs. / 2.45 kg	5.4 lbs. / 2.45 kg	5.4 lbs. / 2.45 kg
	No. of Modules per Cabinet (W × H)	2 × 4	2 × 4	2 × 4
	Cabinet Resolution (W × H)	128 × 256	96 × 192	80 × 160
	Cabinet Dimensions (W × H × D)	31.5 x 63.0 x 5.6 in. / 800 × 1,600 × 143.5 mm	31.5 x 63.0 x 5.6 in. / 800 × 1,600 × 143.5 mm	31.5 x 63.0 x 5.6 in. / 800 × 1,600 × 143.5 mm
	Cabinet Surface Area	13.8 ft <sup>2</sup> / 1.280 m <sup>2</sup>	13.8 ft <sup>2</sup> / 1.280 m <sup>2</sup>	13.8 ft <sup>2</sup> / 1.280 m <sup>2</sup>
	Weight per Cabinet	88.2 lbs. / 40.0 kg	88.2 lbs. / 40.0 kg	88.2 lbs. / 40.0 kg
	Weight per Unit Area	6.41 lb/ft <sup>2</sup> / 31.3 kg/m <sup>2</sup>	6.41 lb/ft <sup>2</sup> / 31.3 kg/m <sup>2</sup>	6.41 lb/ft <sup>2</sup> / 31.3 kg/m <sup>2</sup>
	Physical Pixel Density	2,378 pixels/ft <sup>2</sup> / 25,600 pixels/m <sup>2</sup>	1,338 pixels/ft <sup>2</sup> / 14,400 pixels/m <sup>2</sup>	929 pixels/ft <sup>2</sup> / 10,000 pixels/m <sup>2</sup>
	Flatness of Cabinet (mm)	±1.0	±1.0	±1.0
	Cabinet Material	Al	Al	Al
Service Access	Rear	Rear	Rear	
Optical Specifications	Max. Brightness After Calibration	6,000 nits	6,000 nits	6,000 nits
	Color Temperature (K)	3,500-8,500	3,500-8,500	3,500-8,500
	Visual Viewing Angle (H × V)	160 × 130	160 × 125	160 × 115
	Brightness Uniformity	97%	97%	97%
	Color Uniformity	±0.05 Cx, Cy	±0.05 Cx, Cy	±0.05 Cx, Cy
	Contrast Ratio	5,000 : 1	5,000 : 1	6,000 : 1
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	940	950	920
	Power Consumption (W/Cabinet, Avg.)	376	380	368
	Power Consumption (W/m <sup>2</sup> , Max.)	734	742	719
	Heat Dissipation (BTU/h/Cabinet, Max.)	3,208	3,242	3,140
	Heat Dissipation (BTU/h/Cabinet, Avg.)	1,283	1,297	1,256
	Heat Dissipation (BTU/h/m <sup>2</sup> , Max.)	2,506	2,533	2,453
	Power Supply (Vac)	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	7,680	7,680	7,680
Operation Specifications	LED Lifetime (Half Brightness)	Up to 100,000 hrs.	Up to 100,000 hrs.	Up to 100,000 hrs.
	Operating Temperature	-22°F to +122°F / -30°C to +50°C	-22°F to +122°F / -30°C to +50°C	-22°F to +122°F / -30°C to +50°C
	Operating Humidity	0-90% RH	0-90% RH	0-90% RH
	IP Rating Front / Rear	IP67 / IP67	IP67 / IP67	IP67 / IP67
Certification		CE / FCC / ETL	CE / FCC / ETL	CE / FCC / ETL
Environment		RoHS, REACH	RoHS, REACH	RoHS, REACH
Controller		CVEA	CVEA	CVEA
90 Degree Corner Cut		Yes	Yes	Yes

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