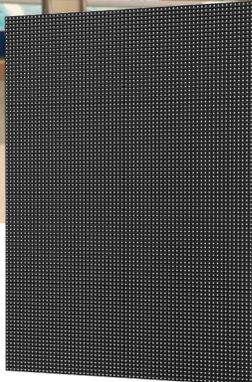




\* All images in this document are for illustrative purposes only.

**Outdoor DVLED** GNEB Series



# Outdoor DVLED Display for Cruise Ships

 Durability for Rough Environment

 Flexible Configuration and Installation

 Easy Maintenance

 High Refresh Rate

**GNEB Series**

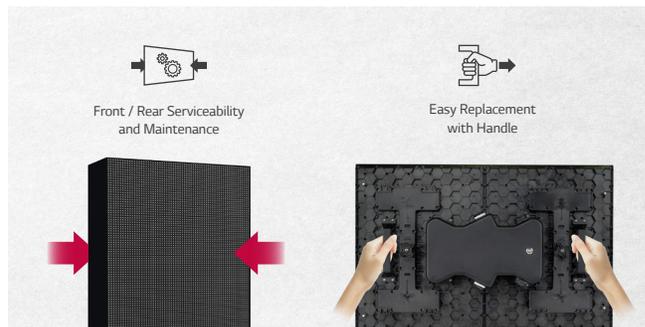
Pixel Pitch	6.25 / 8.33 mm
Brightness	6,000 nits
Weight per Cabinet	9.9 lbs. / 4.5 kg
Service Access	Front / Rear
IP Rating	IP67



### Durability for Rough Environment

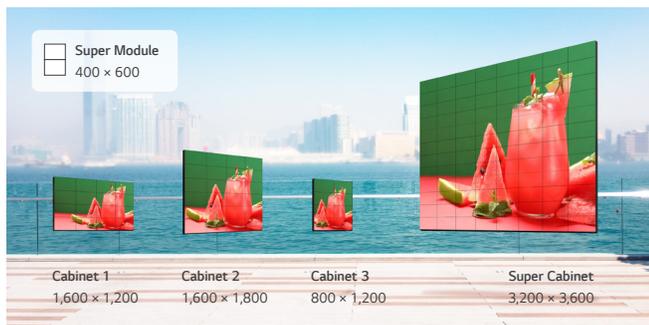
GNEB series provides durability with marine-grade powder coating and conformal coating to protect against salinity and corrosion in marine environments and weather conditions. Both the front and rear of the cabinet are IP67-certified and feature reliable designs for seaside, allowing for stable power 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.



### Easy Maintenance

This model offers both front and rear service access and features a power distribution unit with a modular cabinet that can be easily attached or detached for easy maintenance. A self-contained power supply and receiver card with handles allow quick and easy replacement.



### Flexible Configuration and Installation

A variety of cabinet sizes are supported for flexible screen configuration and installation. Cabinet sizes of up to a 3,200 x 3,600 mm are available for more convenient installation.



### 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\*

		GNEB062-GN	GNEB083-GN
Controller Model Name		GNEB062-GN	GNEB083-GN
Physical Parameters	Pitch Name	P6.25	P8.33
	Pixel Configuration	Single SMD	Single SMD
	Pixel Pitch	6.25 mm	6.25 mm
	Module Resolution (W x H)	64 x 96	48 x 72
	Module Dimensions (W x H)	400 x 600 mm	400 x 600 mm
	Weight per Module	18.4 lbs / 8.33 kg	18.4 lbs / 8.33 kg
	No. of Modules per Cabinet (W x H)	1 x 1	1 x 1
	Cabinet Resolution (W x H)	64 x 96	48 x 72
	Cabinet Dimensions (W x H x D)	15.7 x 23.6 x 2.8 in 400 x 600 x 70 mm	15.7 x 23.6 x 2.8 in 400 x 600 x 70 mm
	Cabinet Surface Area	0.24 m <sup>2</sup>	0.24 m <sup>2</sup>
	Weight per Cabinet	9.9 lbs / 4.5 kg	9.9 lbs / 4.5 kg
	Weight per Square Meter	34.7 kg/m <sup>2</sup>	34.7 kg/m <sup>2</sup>
	Physical Pixel Density	25,600 pixels/m <sup>2</sup>	14,400 pixels/m <sup>2</sup>
	Flatness of Cabinet	±1.0 mm	±1.0 mm
	Cabinet material	Aluminum	Aluminum
Service access	Front or Rear (select one only)	Front or Rear (select one only)	
Optical Specifications	Max Brightness After Calibration	up to 6,000 nits	up to 6,000 nits
	Color Temperature	3,200 to 9,300 K	3,200 to 9,300 K
	Visual Viewing Angle (Horizontal)	160°	160°
	Visual Viewing Angle (Vertical)	115°	100°
	Brightness Uniformity	97%	97%
	Color Uniformity	±0.05Cx,Cy	±0.05Cx,Cy
	Contrast Ratio	5,000:1	7,000:1
Processing Depth	16 bit (HDR10, HDR10 Pro)	16 bit (HDR10, HDR10 Pro)	
Electrical Specifications	Max Power Consumption per Cabinet	167 W	167 W
	Avg. Power Consumption per Cabinet	67 W	67 W
	Max Power Consumption	696 W/m <sup>2</sup>	696 W/m <sup>2</sup>
	Max Heat Dissipation per Cabinet	569 BTU/hr	569 BTU/hr
	Avg. Heat Dissipation per Cabinet	228 BTU/hr	228 BTU/hr
	Max Heat Dissipation	2367 BTU/hr/m <sup>2</sup>	2367 BTU/hr/m <sup>2</sup>
	Power Supply	100 to 240 Vac	100 to 240 Vac
	Frame Rate	50 / 60 Hz	50 / 60 Hz
	Refresh Rate	7,680 Hz	7,680 Hz
Operation Specifications	LED Lifetime (Half brightness)	100,000 hours	100,000 hours
	Operating Temperature	-22°F to +122°F -30°C to +50°C	-22°F to +122°F -30°C to +50°C
	Operating Humidity	0 to 90% RH	0 to 90% RH
	IP rating Front	IP67	IP67
	IP rating Rear	IP67	IP67
Regulatory / Certifications		CE, FCC, ETL	CE, FCC, ETL
Environmental		RoHS, REACH	RoHS, REACH
DVLED Controller Model		CVEA	CVEA
90 degree corner cut		Yes	Yes

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