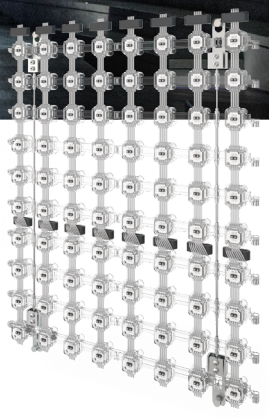


* All images are for illustrative purposes only.



Flexible Outdoor LED GMBD

Flexible Mesh LED Display

- Flexibility for Various Screen Shapes
- Lightweight Mesh LED
- Easy Maintenance

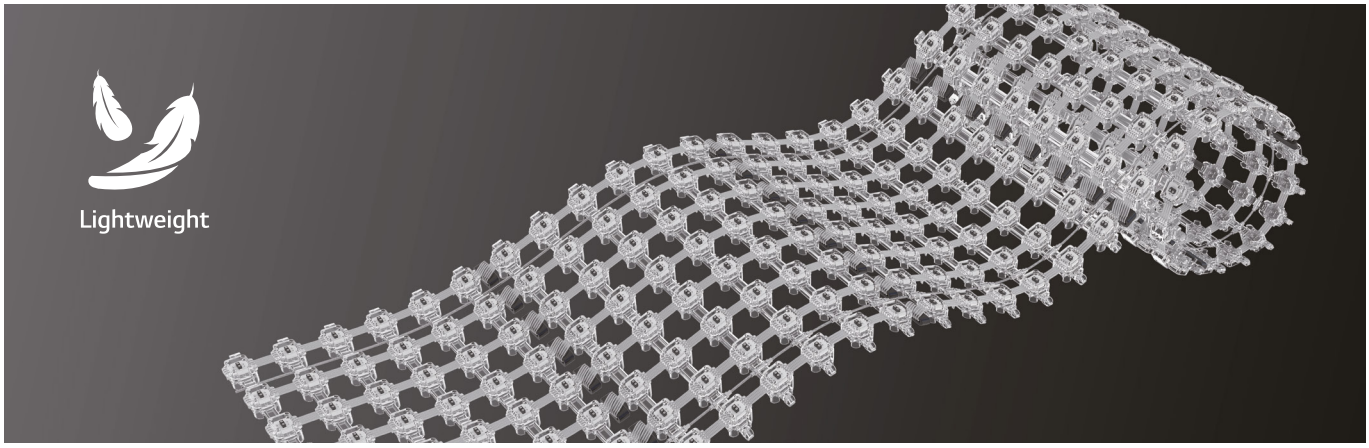
GMBD	
Pixel Pitch	35 mm
Brightness	7,500
Weight per Cabinet	6.7 kg/Cabinet
IP Rating	IP66

Life's Good.



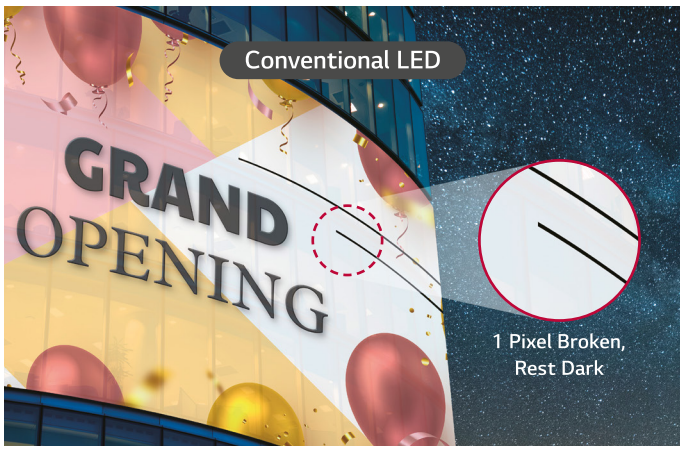
Flexibility for Various Screen Shapes

With its ability to be curved, folded, or rolled, GMBD can be easily formed into a variety of shapes for artistic, ornamental, or creative work. Its features can be widely applied to building facades, outdoor commercial, large events, or other areas to provide daytime or night views.



Lightweight Mesh LED

Its small, lightweight design reduces weight strain even for large screens, reducing time and cost for installation.





Easy Maintenance

Its LED Data Line Bypass function keeps LED PKGs working even when a middle LED PKG is broken (or dead). A single dead pixel can be fixed or replaced separately, which allows the LED to be operated with reduced costs and time for maintenance.

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SPECIFICATION

GMBD035

Pitch Name		P35
Physical Parameters	Pixel Configuration	3 in 1 SMD with 4 Dots
	Pixel Pitch (mm)	35
	Module Resolution (W × H)	1 × 80
	Module Dimensions (W × H, mm)	18 × 2,800
	No. of Modules per Cabinet (W × H)	8 × 1
	Cabinet Resolution (W × H)	8 × 80
	Cabinet Dimensions (W × H × D, mm)	280 × 2,800 × 24.5
	Cabinet Surface Area (m²)	0.784
	Weight per Cabinet (kg/Cabinet)	6.7
	Weight per Square Meter (kg/m²)	8.5
	Physical Pixel Density (pixels/m²)	816
	Cabinet Material	Plastic Body and Silicon Cable
	Service Access	Front and Rear
Optical Specifications	Max Brightness (After Calibration, nit)	7,500
	Color Temperature (K)	18,000-25,000
	Visual Viewing Angle (H × V)	120 × 120
	Brightness Uniformity	90%
	Contrast Ratio	40,000 : 1
	Processing Depth (bit)	12 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	640
	Power Consumption (W/Cabinet, Avg.)	213
	Power Consumption (W/m², Max.)	816
	Heat Dissipation (BTU/h/Cabinet, Max.)	2,184
	Heat Dissipation (BTU/h/Cabinet, Avg.)	728
	Heat Dissipation (BTU/h/m², Max.)	2,785
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
	Refresh Rate (Hz)	2,000
Operation Specifications	LED Lifetime (Half Brightness)	100,000
	Operating Temperature (°C)	-40 to +60
	Operating Humidity	10-90% RH
	IP Rating Front / Rear	IP66 / IP66
90 Degree Corner Cut		Yes

Creative Visualization
*Product Images shown are for representative purpose only. Actual product may vary.
As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Color/shades may vary due to printing restrictions. E&OE.

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