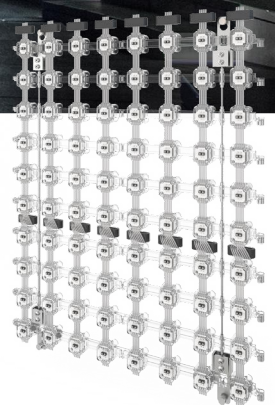




Flexible Outdoor LED GMBD

Flexible Mesh LED Display



Flexibility for Various
Screen Shapes



Lightweight
Mesh LED



Easy Maintenance

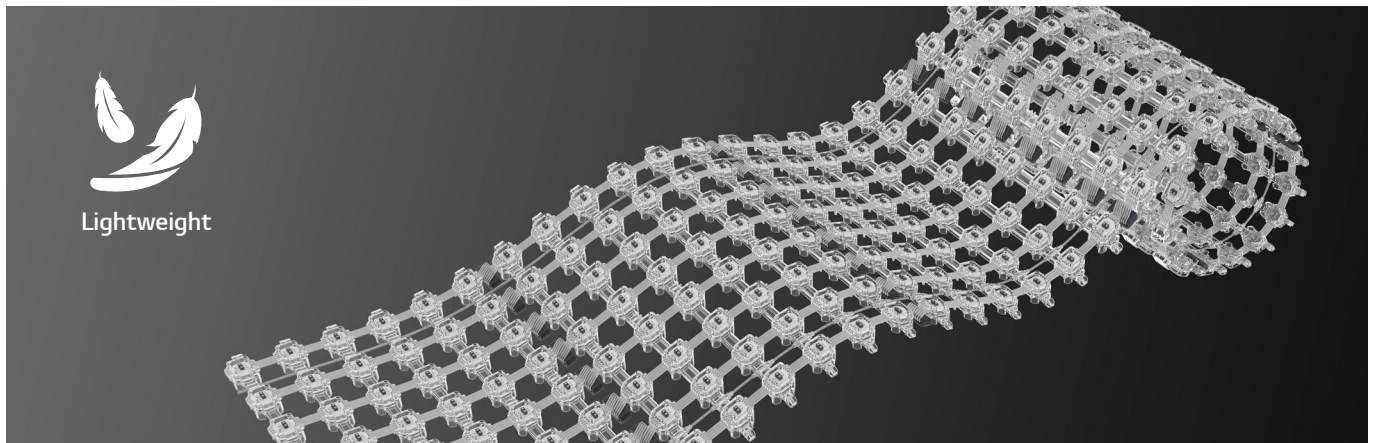
GMBD

| | |
|--------------------|-------------------|
| Pixel Pitch | 35 / 40 mm |
| Brightness | 7,500 / 3,000 nit |
| Weight per Cabinet | 6.7 kg/Cabinet |
| IP Rating | IP66 |



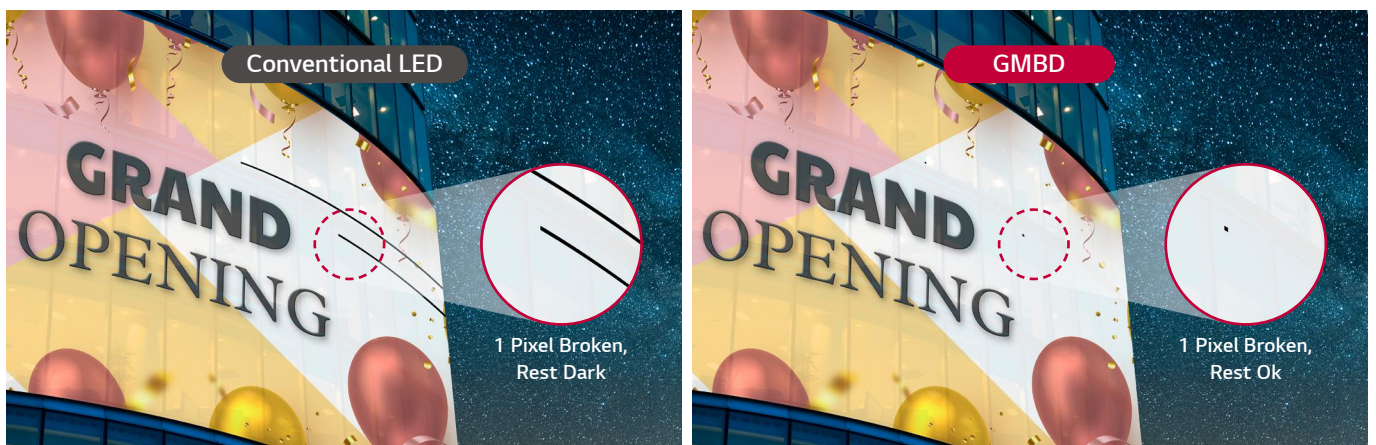
Flexibility for Various Screen Shapes

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.

SPECIFICATIONS

| GMBD035-GN4 | | GMBD040-GN2 | |
|---------------------------|-----------------------------------------|--------------------------------|--------------------------------|
| Pitch Name | | P35 | P40 |
| Physical Parameters | Pixel Configuration | Single SMD 4pcs | Single SMD 2pcs |
| | Pixel Pitch (mm) | 35.00 | 40.00 |
| | Module Resolution (W × H) | 1 × 80 | 1 × 80 |
| | Module Dimensions (W × H, mm) | 18 × 2,800 | 18 × 3,200 |
| | Weight per Module (kg) | 0.53 | 0.53 |
| | No. of Modules per Cabinet (W × H) | 8 × 1 | 8 × 1 |
| | Cabinet Resolution (W × H) | 8 × 80 | 8 × 80 |
| | Cabinet Dimensions (W × H × D, mm) | 280 × 2,800 × 24.5 | 320 × 3,200 × 24.5 |
| | Cabinet Surface Area (m²) | 0.784 | 1.024 |
| | Weight per Cabinet (kg/Cabinet) | 6.7 | 6.7 |
| | Weight per Square Meter (kg/m²) | 8.5 | 6.5 |
| | Physical Pixel Density (pixels/m²) | 816 | 625 |
| | Cabinet Material | Plastic Body and Silicon Cable | Plastic Body and Silicon Cable |
| | Service Access | Front and Rear | Front and Rear |
| Optical Specifications | Max Brightness (After Calibration, nit) | 7,500 | 3,000 |
| | Color Temperature (K) | 18,000-25,000 | 18,000-25,000 |
| | Visual Viewing Angle (H × V) | 120 × 120 | 120 × 120 |
| | Brightness Uniformity | 90% | 90% |
| | Contrast Ratio | 40,000 : 1 | 15,000 : 1 |
| | Processing Depth (bit) | 12 (HDR10, HDR10 Pro) | 12 (HDR10, HDR10 Pro) |
| Electrical Specifications | Power Consumption (W/Cabinet, Max.) | 640 | 384 |
| | Power Consumption (W/Cabinet, Avg.) | 213 | 128 |
| | Power Consumption (W/m², Max.) | 816 | 375 |
| | Heat Dissipation (BTU/h/Cabinet, Max.) | 2,184 | 1,310 |
| | Heat Dissipation (BTU/h/Cabinet, Avg.) | 728 | 437 |
| | Heat Dissipation (BTU/h/m², Max.) | 2,785 | 1,280 |
| | Power Supply (V) | 100 to 240 | 100 to 240 |
| | Frame Rate (Hz) | 50 / 60 | 50 / 60 |
| | Refresh Rate (Hz) | 2,000 | 2,000 |
| Operation Specifications | LED Lifetime (Half Brightness) | 100,000 | 100,000 |
| | Operating Temperature (°C) | -40 to +60 | -40 to +60 |
| | Operating Humidity | 10-90% RH | 10-90% RH |
| | IP Rating Front / Rear | IP66 / IP66 | IP66 / IP66 |
| Certification | | CE / FCC / cTUVus / CB | CE / FCC / cTUVus / CB |
| Environment | | RoHS, REACH | RoHS, REACH |
| Controller | | LCLY006 | LCLY006 |
| 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.



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