**LG** | Business Solutions

**Flexible Indoor LED**  LCCM

# Flexible LED Display

Flexible LED Display

Creative LED Screen

Easy Installation and Maintenance

Compatibility with LG Software Solutions
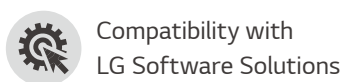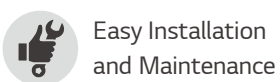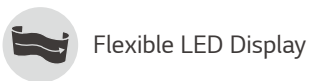
| LCCM | |
| --- | --- |
| Pixel Pitch | 1.90 / 2.50 mm |
| Brightness | 800 / 1,200 nit |
| Service Access | Front |
| IP Rating | IP30 |
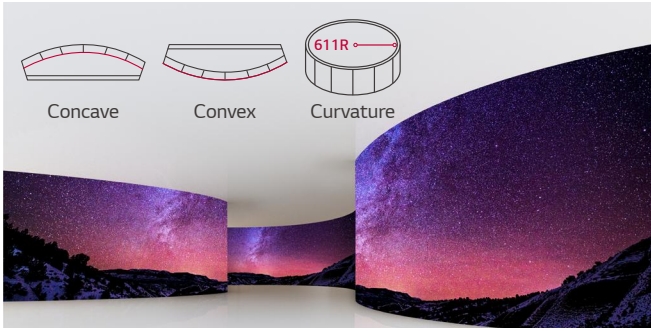
## Flexible LED Display

With a specially designed flexible LDM (LED Display Module), the LCCM series supports true concave and convex curvature from 611R. The LCCM series also greatly amplifies design flexibility, providing users with the ability to create true curved screens.

## Creative LED Screen

Different from the conventional LED display, LCCM series breaks free from the rectangular shape, allowing to be designed in various shapes as to display highly creative content on screen. In addition, the separation of the PDU (Power & Data Unit) from the cabinet gives a lot of freedom and advantage for creative installations.
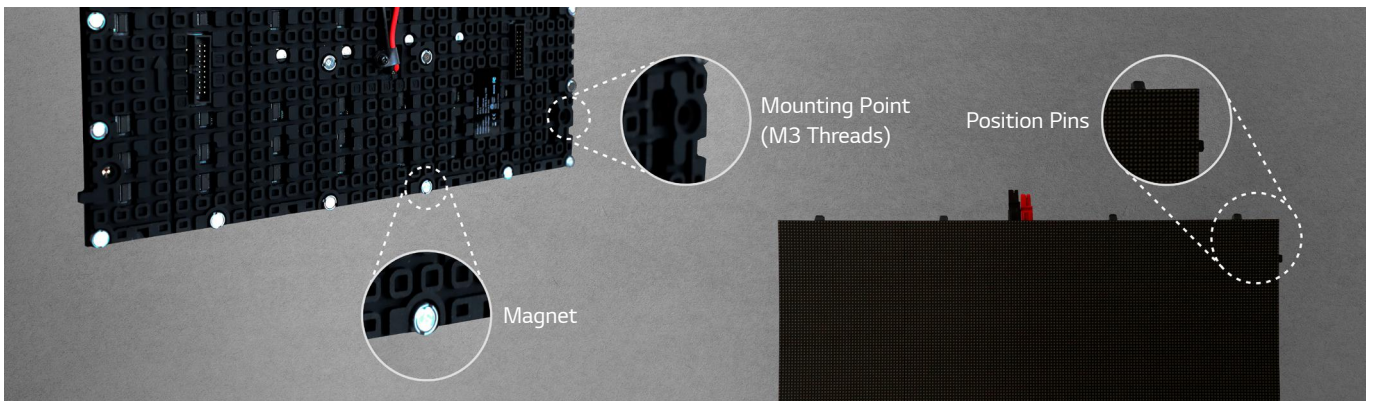


## Easy Installation & Maintenance

The easy-handling lightweight LDM (LED Display Module) makes installation easy. Also, with various factors including magnets and positioning pins, the installers can easily install and dismantle the LED screen with dedicated tool, making it convenient to manage.



## Compatibility with LG Software Solutions

Powered by LG's high performance system controller, the LCCM series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers operate their own business flawlessly.

* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.
* The items that can be monitored by LG ConnectedCare : Main Board (Temp., Signal Status, FPGA Ver, Ethernet Connection Status), Receiving Card (Temp., LED Power)
* Available when using with CVCA cotroller.

# SPECIFICATIONS

| | | LCCM019-GN | LCCM025-GN |
|---|---|---|---|
| | Pitch Name | P1.9 | P2.5 |
| Physical Parameters | Pixel Configuration | 3 in 1 | 3 in 1 |
| | Pixel Pitch (mm) | 1.90 | 2.50 |
| | Module Resolution (W × H) | 168 × 84 | 128 × 64 |
| | Module Dimensions (W × H, mm) | 320 × 160 | 320 × 160 |
| | Weight per Module (kg) | 0.55 | 0.50 |
| | Physical Pixel Density (pixels/m²) | 275,625 | 160,000 |
| | Service Access | Front | Front |
| Optical Specifications | Max. Brightness (After Calibration, nit) | 800 | 1,200 |
| | Color Temperature (K) | 3,200-9,300 | 3,200-9,300 |
| | Visual Viewing Angle (H × V) | 160 × 160 | 160 × 160 |
| | Brightness Uniformity | 97% | 97% |
| | Color Uniformity | ±0.003 Cx, Cy | ±0.003 Cx, Cy |
| | Contrast Ratio (Typ.) | 5,000 : 1 | 5,000 : 1 |
| | Processing Depth (bit) | 14 (HDR10, HDR10 Pro) | 14 (HDR10, HDR10 Pro) |
| Electrical Specifications | Power Consumption (W/Cabinet, Max.) | 36 | 36 |
| | Power Consumption (W/Cabinet, Avg.) | 12 | 12 |
| | Power Consumption (W/m², Max.) | 720 | 720 |
| | Heat Dissipation (BTU/Cabinet, Max.) | 123 | 123 |
| | Heat Dissipation (BTU/Cabinet, Avg.) | 41 | 41 |
| | Heat Dissipation (BTU/m², Max.) | 2,457 | 2,457 |
| | Power Supply (V) | 100 to 240 | 100 to 240 |
| | Frame Rate (Hz) | 50 / 60 | 50 / 60 |
| | Refresh Rate (Hz) | 1,920 | 1,920 |
| Operation Specifications | LED Lifetime (Half Brightness) | 100,000 | 100,000 |
| | Operating Temperature (°C) | -10 to +45 | -10 to +45 |
| | Operating Humidity | 10-90% RH | 10-90% RH |
| | IP Rating Front / Rear | IP30 / IP30 | IP30 / IP30 |
| Certification | | CE / FCC / ETL | CE / FCC / ETL |
| Environment | | RoHS, REACH | RoHS, REACH |
| Controller | | CVCA | CVCA |
| 90 Degree Corner Cut | | No | No |

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

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