



\* All images in this datasheet are for illustrative purposes only and may differ from the actual product.  
 \*\* Stand accessories differ by models, and need to be purchased separately.

## LG LED All-in-One LUPA098

# 32:9 Ultra Stretch LED Display



All-in-One  
LED Screen



32:9 Screen Ratio



Built-in Speaker



Easy Installation  
Quick Maintenance

### LUPA098

|                   |                                 |
|-------------------|---------------------------------|
| Inch              | 98"                             |
| Pixel Pitch       | 1.25 mm                         |
| Brightness        | 600 nits (Typ.)                 |
| Screen Resolution | 1,920 × 540                     |
| Service Access    | Full Front Access for All Parts |
| Speaker           | Built-in (9 W + 9 W)            |
| Controller        | Embedded (webOS 4.0)            |



LUPA098

## All-in-One LED Screen with Built-in Speaker

Experience the convenience of LG's LED All-in-One LUPA098, featuring an ultra-wide 32:9 aspect ratio for an immersive viewing experience. This all-in-one package includes an embedded controller and built-in speaker, making setup a breeze. Dispelling the notion that LED displays are difficult and complex to install, it requires no controller connections or module configuration.



\* The image is illustrated as an example of LUPA098 model.

## Easy Installation

The installation process of the 32:9 All-in-One is straightforward. First, fix the rear frame on the mounting accessory. Next, attach each LED display module to the rear frame, and finally, plug in the power cable. This simple installation saves time and labor, allowing users to easily manage the LED screen.

\* Fixing screws or installing wall mount/accessories is needed additionally.

\*\* Installation time and complexity may vary depending on various factors, including number of installers, their skills and experience and the conditions of the location and environment.



## Simple Power Connection

The LUPA098 is operated with Single AC cable without the need for a complicated power connection and enables neat installation.



## Quick Maintenance

In case of a failure related to the LED module or the system board, it can be serviced from the front. The LED module can be easily detached using the provided magnetic tool and replaced quickly without cabling.

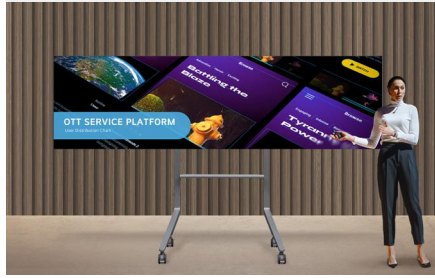
\* Certain failures may not be serviceable from the front, and alternative disassembly procedures may be required.

\*\* With the safety wire applied, extra wiring is required during LED module installation or replacement.

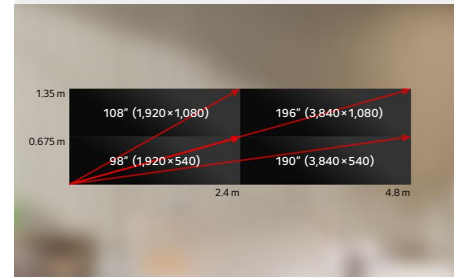
Landscape Wall Mount



Stand



Multi-Screens Setup



## Versatile Installation with Standardized Compatibility

The product supports flexible installation through its VESA-compatible mounting holes, allowing the use of a wide range of commercially available wall mounts and stand tailored to your installation needs. Additionally, the LUPA098 can be seamlessly arranged side by side in an N × M configuration, supporting up to 10 screens to suit various installation sites and purposes.

\* Wall mounts and stands are not provided. Any VESA-compatible options may be purchased separately as needed.

\*\* Using the accessory hanging rings for wire installation does not allow vertical expansion; only a 1 × N installation is supported.

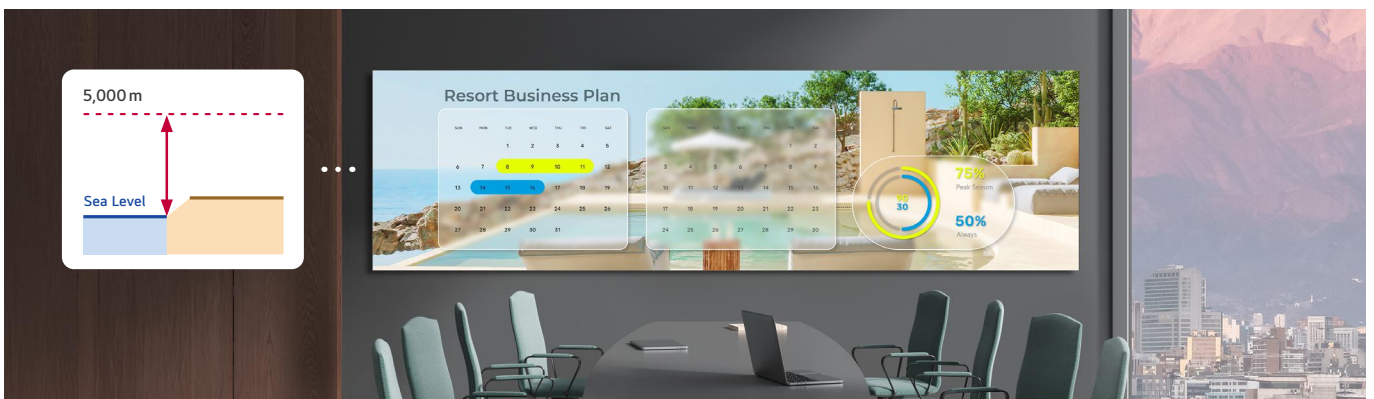


## Flame Spread Protection

The LUPA098 has satisfied the standards for the BS476 Part 7 Class 1 rating, confirming its compliance with flame spread standards. Its excellent fire resistance can help improve safety at the installation site.

\* The LUPA098 was evaluated for spread of flame at 1.5 min and final spread of flame under BS476 Part 7:1997 (R2016) procedures, verified by TUV SUD Certification and Testing (China) Co., Ltd. in December 2025, and satisfied Class 1 standard requirements. (Technical Report No. 68.189.24.0712.01).

\*\* Actual results or performance may vary depending on the use environment.



## 5,000 m Operational Capability

The LUPA098 is designed to function at altitudes of up to 5,000 meters. To support this capability, the original power supply unit (PSU) on the power board was replaced with a PSU optimized for high-altitude performance.

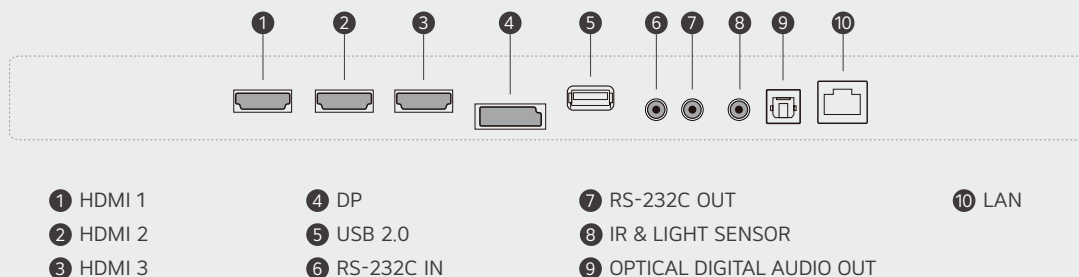
\* Actual results or performance may vary depending on the use environment.

## SPECIFICATIONS

| LUPA098BRND                   |                                                 |                                                                               |
|-------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------|
| Physical Parameters           | Pitch Name                                      | P1.25                                                                         |
|                               | Pixel Configuration                             | Single SMD                                                                    |
|                               | Pixel Pitch (mm)                                | 1.25                                                                          |
|                               | Module Resolution (W × H)                       | 240 × 135                                                                     |
|                               | Module Dimensions (W × H, mm)                   | 300 × 168.75                                                                  |
|                               | No. of Modules per Screen (W × H)               | 8 × 4 (Total 32)                                                              |
|                               | Screen Resolution (W × H)                       | 1,920 × 540                                                                   |
|                               | Screen Dimensions (W × H × D, mm)               | 2,405 × 680 × 59.35                                                           |
|                               | Screen Surface Area (m <sup>2</sup> )           | 1.62                                                                          |
|                               | Screen Weight (kg)                              | 38.9                                                                          |
|                               | Physical Pixel Density (pixels/m <sup>2</sup> ) | 640,000                                                                       |
|                               | Flatness of Cabinet (mm)                        | ±0.15                                                                         |
|                               | Cabinet Material                                | Aluminum                                                                      |
| Optical Specifications        | Service Access                                  | Full Front Access for All Parts                                               |
|                               | Brightness (After Calibration, nit)             | 600 (Typ.)                                                                    |
|                               | Color Temperature (K)                           | 3,200-9,300                                                                   |
|                               | Visual Viewing Angle (H × V)                    | 150 × 150                                                                     |
|                               | Brightness Uniformity                           | 98%                                                                           |
|                               | Color Uniformity                                | ±0.015 Cx,Cy                                                                  |
|                               | Contrast Ratio                                  | 3,000 : 1 (Typ.)                                                              |
| Electrical Specifications     | Processing Depth (bit)                          | 16                                                                            |
|                               | Power Consumption (W/Screen, Max.)              | 540                                                                           |
|                               | Power Consumption (W/Screen, Avg.)              | 276                                                                           |
|                               | Power Consumption (W/m <sup>2</sup> , Max.)     | 333                                                                           |
|                               | Heat Dissipation (BTU/h/Screen, Max.)           | 1,842                                                                         |
|                               | Heat Dissipation (BTU/h/Screen, Avg.)           | 942                                                                           |
|                               | Heat Dissipation (BTU/h/m <sup>2</sup> , Max.)  | 1,136                                                                         |
|                               | Power Supply (V)                                | 100 to 240                                                                    |
| Operation Specifications      | Frame Rate (Hz)                                 | 50 / 60                                                                       |
|                               | Refresh Rate (Hz)                               | 3,840                                                                         |
|                               | Lifetime (Half Brightness)                      | 100,000                                                                       |
|                               | Operating Temperature (°C)                      | 0 to +40                                                                      |
| Standard                      | Operating Humidity                              | 10-90% RH                                                                     |
|                               | IP Rating (Front / Rear)                        | IP30 / IP30                                                                   |
| Standard                      | Certification                                   | CB 62368-1 / 60950-1, ETL, EMC Class A                                        |
|                               | Certification (Fire Protection)                 | BS476 Part 7 Class 1, EN 13501-1 Class B-s1, d0                               |
| Speaker                       |                                                 | Built-in (9 W + 9 W)                                                          |
| Environment                   |                                                 | RoHS, REACH                                                                   |
| Controller                    |                                                 | Embedded (webOS 4.0)                                                          |
| I/O Port                      |                                                 | HDMI (3), DP, USB, LAN, RS-232C In/Out, IR, Digital Audio Out (SPDIF Optical) |
| Wi-Fi / Bluetooth             |                                                 | No / No                                                                       |
| Accessory                     |                                                 | VESA Hole (w/Pin), Hanging Ring, Expansion Kit (Optional)                     |
| IR Remote                     |                                                 | IR Remote (In-box)                                                            |
| Altitude During Operation (m) |                                                 | 5,000                                                                         |

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

## CONNECTIVITY



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