



* 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 DVLED All-in-One LUPA Series

All-in-One Ultra Stretch DVLED Display



All-in-One
DVLED Screen



32:9 Screen Ratio



Built-in Speakers



Easy Installation
Quick Maintenance

LUPA Series

Screen Size	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)



All-in-One DVLED Screen with Built-in Speakers

Discover the simplicity of the LG DVLED All-in-One LUPA098, designed with an ultra-wide 32:9 aspect ratio for a truly immersive viewing experience. This complete solution includes an integrated controller and built-in speakers for effortless setup. Unlike traditional DVLED displays that can be complicated to install, it needs no external controller connections or module configuration.



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

Easy Assembly

Installing the 32:9 All-in-One display is quick and easy. Begin by securing the rear frame to the mounting accessory. After that, attach each LED module to the frame, then connect the power cable. This simple process minimizes installation time and labor, making it easy for users to set up and manage the display.

* Wall mount kit sold separately.

** 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 operates with a single AC cable, eliminating complicated power connections and ensuring a clean, streamlined installation.



Quick Maintenance

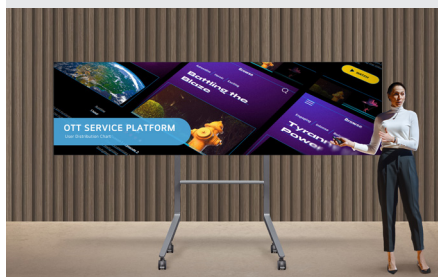
If an issue occurs with the LED module or system board, service can be performed from the front. Using the included magnetic tool, the LED module can be easily detached and replaced quickly without any cabling required.

* Some issues may not be serviceable from the front and could require alternative disassembly methods. When a safety wire is applied, additional wiring is needed during LED module installation or replacement.

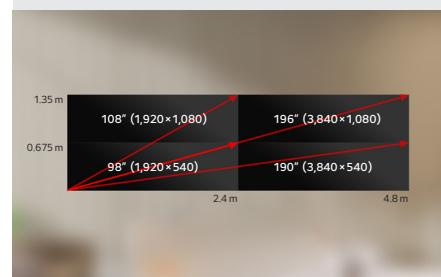
Landscape Wall Mount



Stand



Multi-Screens Setup



Versatile Installation

The LUPA offers flexible installation with VESA-compatible mounting holes, allowing the use of various commercially available wall mounts and stands to match specific installation needs. It can also be seamlessly arranged side by side in an $N \times M$ configuration, supporting up to 10 screens for different spaces and applications.

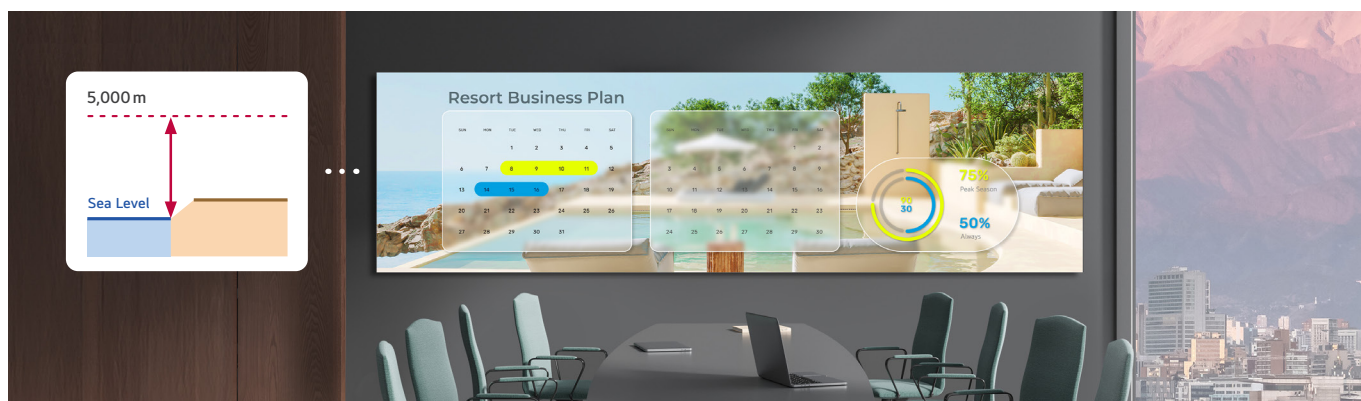
* Wall mount kits and stands are sold separately. Using the accessory hanging rings for wire installation does not allow vertical expansion; only a $1 \times N$ installation is supported.



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.

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



High Altitude Operational Capability

The LUPA098 is engineered to operate reliably at altitudes up to 3.1 miles (5,000 meters). To achieve this, the original power supply unit on the power board has been replaced with one specifically optimized for high-altitude performance.

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

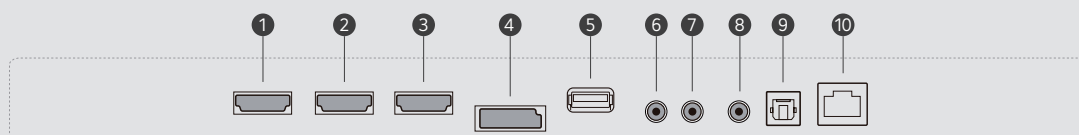
SPECIFICATIONS

LUPA098BRND

Physical Parameters	Pixel Configuration	Single SMD
	Pixel Pitch (mm)	1.25
	Module Resolution (W x H)	240 x 135
	Module Dimensions (W x H)	11.8 x 6.6 in. / 300 x 168.75 mm
	No. of Modules per Screen (W x H)	8 x 4 (Total 32)
	Screen Resolution (W x H)	1,920 x 540
	Screen Dimensions including bezel (W x H x D)	94.7 x 26.8 x 2.3 in. / 2,405 x 680 x 59.35 mm
	Screen Surface Area	17.4 ft ² / 1.62 m ²
	Weight of the screen	85.8 lbs. / 38.9 kg
	Physical Pixel Density	59,458 pixels/ft ² / 640,000 pixels/m ²
	Flatness of Cabinet (mm)	±0.15
	Cabinet material	Aluminum
	Service access	Front
	Built-in Speakers	9W + 9W
Optical Specifications	Embedded Controller	webOS 4.0
	Screen Expandability	N x M (Max. 10 screens) N x 1 (Hanging Ring Type Installation)
	Max Brightness After Calibration (nits)	Up to 600
	Color Temperature (K)	3,200 to 9,300
	Visual Viewing Angle (Horizontal)	150°
	Visual Viewing Angle (Vertical)	150°
	Brightness Uniformity	0.98
	Color Uniformity	±0.015 Cx,Cy
Electrical Specifications	Contrast Ratio	3,000:1
	Processing Depth (bit)	16
	Max. Power Consumption (W)	700
	Avg. Power Consumption (W)	350
	Max. Power Consumption per Unit Area (W/m ²)	432
	Max. Heat Dissipation (BTU/h)	2,388
	Avg. Heat Dissipation (BTU/h)	1,194
	Max. Heat Dissipation per Unit Area (BTU/h/m ²)	1,474
Operation Specifications	Power Supply (Vac)	100 to 240
	Frame Rate (Hz)	50 / 60
	Refresh Rate (Hz)	3,840
	Altitude Operation	Up to 3.1 miles / 5,000 meters
	Operating Temperature	32°F to 104°F / 0°C to 40°C
Regulatory & Standards	Operating Humidity	10 to 90% RH
	IP rating Front	IP30
	IP rating Rear	IP30
	Certifications	CE, FCC, ETL, EMC Class A
Warranty & Other	Environmental	RoHS, REACH
	Fire Protection	BS476 Part7 Class 1, EN13501-1 (Class B-s1,d0)
	Warranty	3 Year Limited
	Connectivity	HDMI(3), DP(1), USB, LAN, RS232C In/Out, IR, Digital Audio Out (1, SPDIF Optical)
	HDCP Version	2.2
	Wi-Fi / BT	No / No
	Accessories	IR Remote
	Screen Expandability	N x M (Max. 10 screens) N x 1 (Hanging Ring Type Installation)

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

CONNECTIVITY



- ① HDMI 1
- ② HDMI 2
- ③ HDMI 3

- ④ DP
- ⑤ USB 2.0
- ⑥ RS-232C IN

- ⑦ RS-232C OUT
- ⑧ IR & LIGHT SENSOR
- ⑨ OPTICAL DIGITAL AUDIO OUT

- ⑩ LAN

Life's Good.



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