



All screen images are simulated for illustrative purposes only.

Flexible Curved Open Frame OLED Signage 55EF5K

Artistic Space beyond Display LG OLED Signage



Stunning
Picture Quality



Space-fitting
Design



On-site
Customization



Synced
Playback

55EF5K

Screen Size	55"
Panel Technology	OLED
Native Resolution	1,920 × 1,080 (FHD)
Brightness	150 / 400 nits (APL 100% / 25%)
Contrast Ratio	150,000:1
Response Time	1 ms (G to G), 8 ms (MPRT)
Portrait / Landscape	Yes / Yes

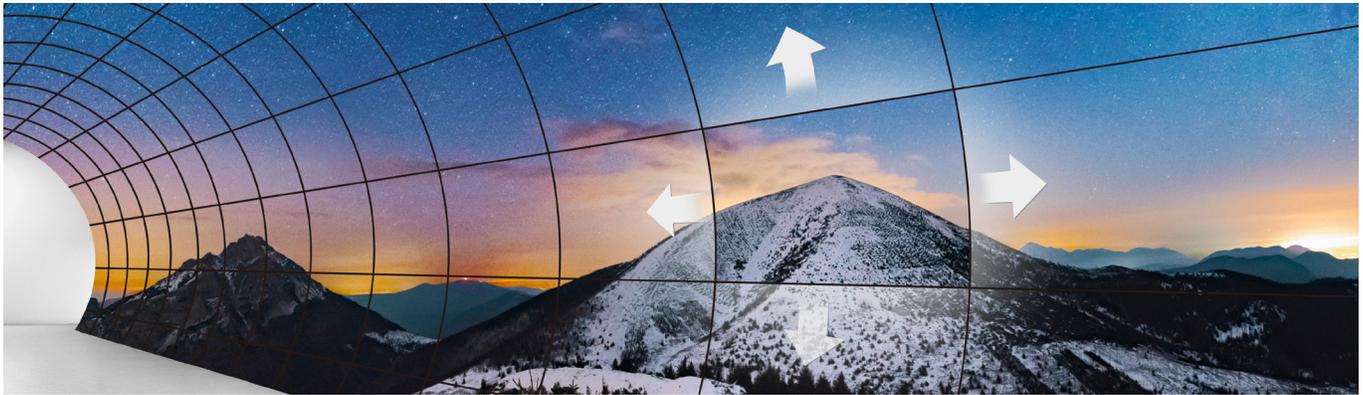


55EF5K

Blending in with the space while captivating everyone's mind. LG OLED signage offers flexible design. Beyond its informative features, LG OLED signage delivers customized experiences, redesigning space as a prestige-enhancing landmark with stunning colors and innovative forms.



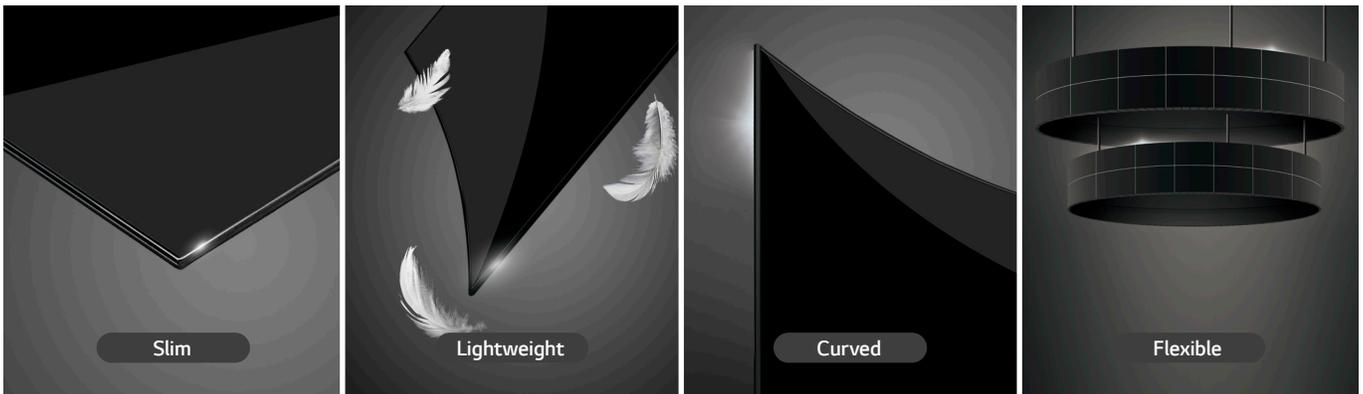
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Expandable Screen Size

The screen size can be as large as users want by tiling up displays horizontally and vertically. This provides viewers with an incredibly immersive viewing experience.



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The Essence of Custom Design

LG OLED technology does not require a backlight unit or a liquid crystal layer, so it offers a flexible design with unbelievably lightweight and slim attributes.



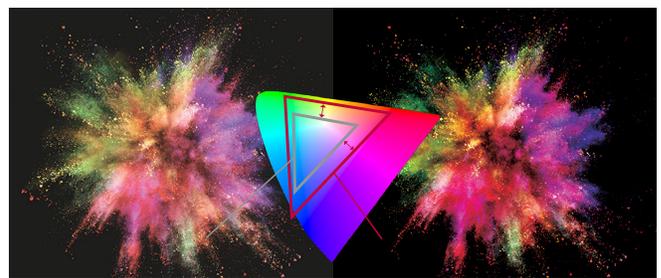
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LCD

LG OLED Signage

Perfect Black

Equipped with over 8 million self-lighting pixels operating individually, LG OLED Signage reproduces blacks with no light bleed and offers infinite contrast.



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LCD

LG OLED Signage

Rich Color

LG OLED Signage provides richness in all colors, bringing colors to life with jaw-dropping vividness. The 55EF5K has a different polarizer from its predecessor that helps limit light reflecting off the display and deliver a rich, immersive experience.

Variety of Curvature for Landmarks

The 55EF5K supports various concave and convex curvature in both portrait and landscape orientations. You can differentiate your space in a variety of ways with beautifully curved displays to keep passengers captivated and immersed.



Satellites

Satellites are used for many purposes. Amongst several other applications, they can be used to make star maps and maps of planetary surfaces, and also take pictures of planets.



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In Portrait



Max Curvature in Portrait
• Concave/Convex: up to 1,000R

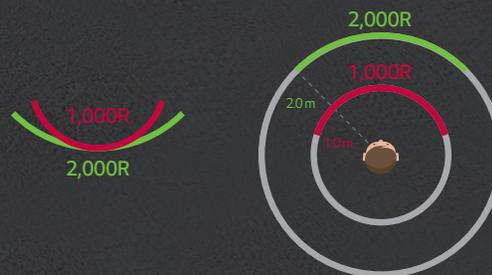
In Landscape

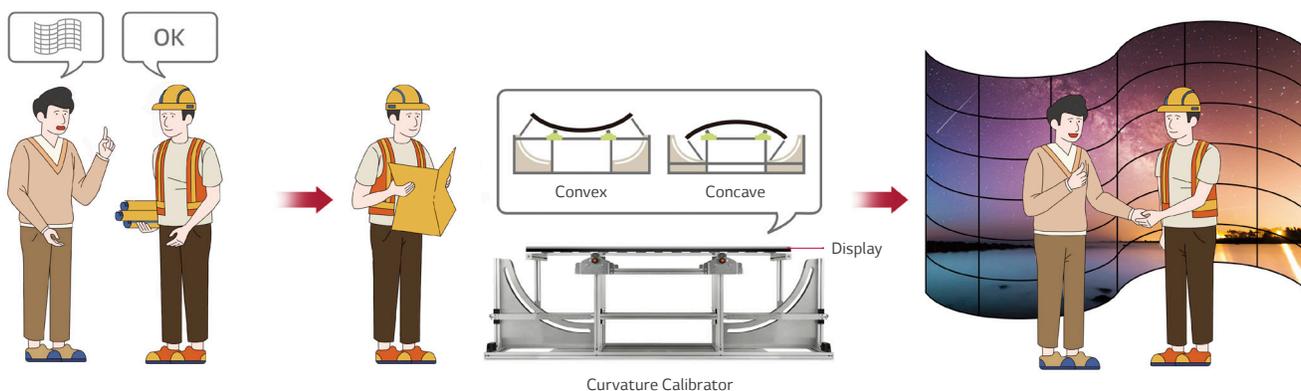


Max Curvature in Landscape
• Concave/Convex: up to 1,000R

What is R?

Due to the nature of its curved design; "R" signifies the radial length of a circle which allows for its curved display. For example, displays with a curvature of 1,000R will have a radius of 1m (1,000mm).



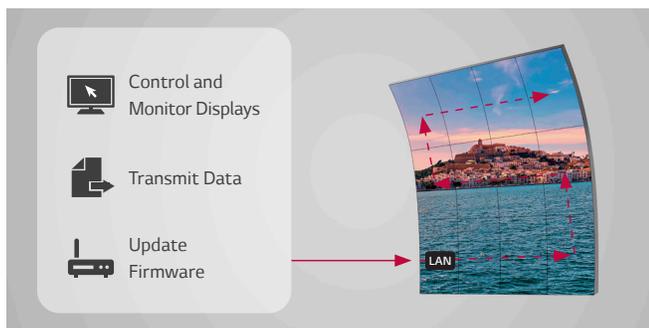


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On-site Customization

The 55EF5K enables a completely new approach for innovative and flexible designs. Its optional Curvature Calibrator* supports the coordination of displays with various convex and concave curvature, depending on the requirements. This makes it possible to rapidly respond to changes on-site, making it easier to successfully build an eye-catching landmark.

* Curvature Calibrator needs to be purchased separately. Please contact your regional LG sales representatives for details.



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LAN Daisy Chain Management

The LAN daisy chain allows users to control and monitor displays, transmit data and even update firmware all at once, reducing management burden.

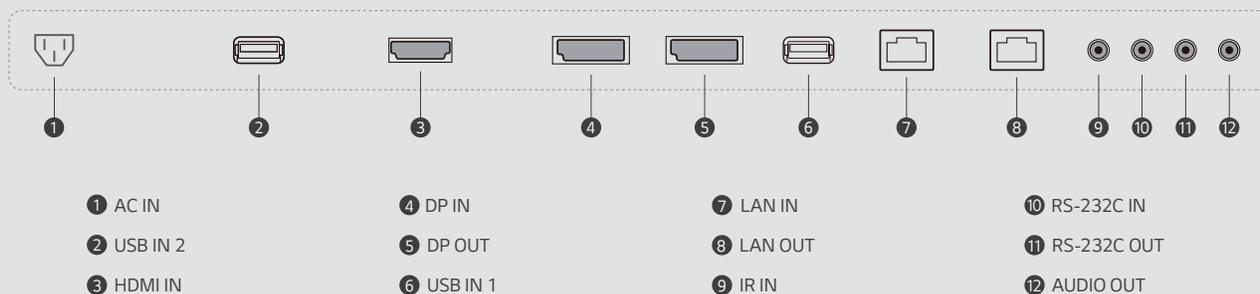


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Video Wall Playlist & Sync Playback

Through its built-in high performance system on chip, each display plays its video tile for synchronized content playback.

CONNECTIVITY

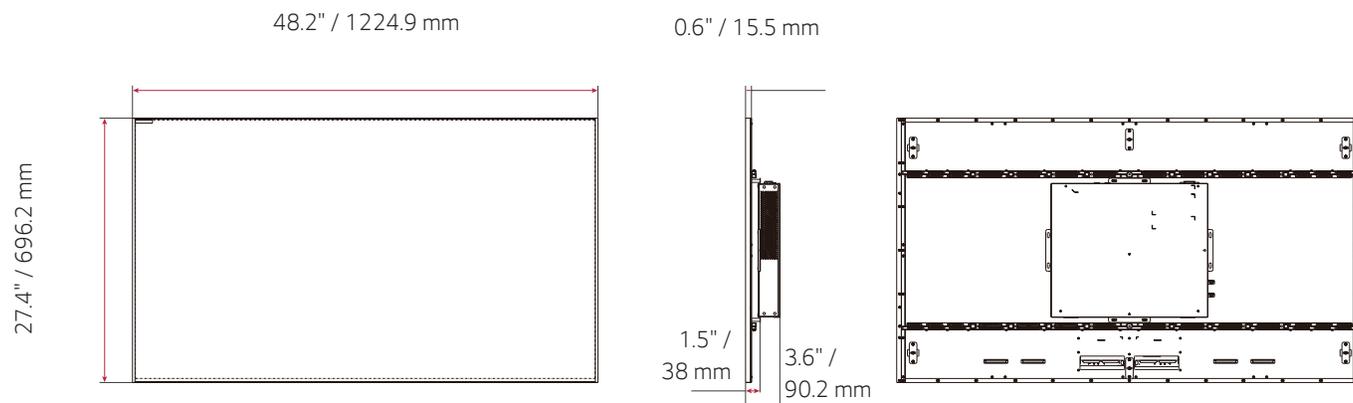


* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

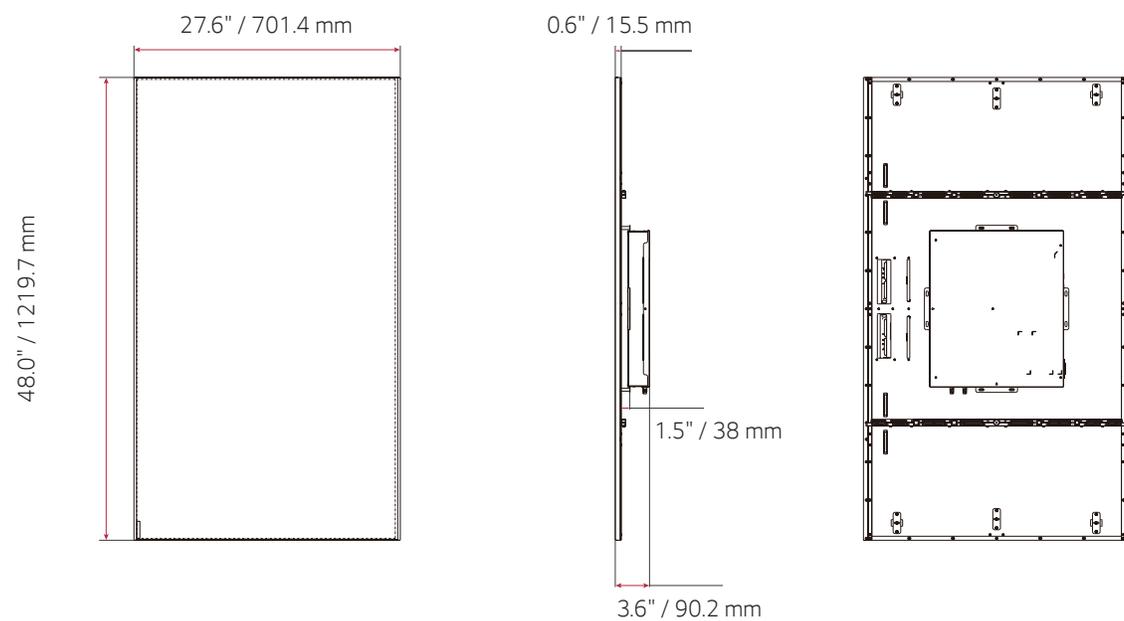


DIMENSIONS

Landscape



Portrait



SPECIFICATIONS

	MODEL	55EF5K
PANEL	Screen Size	55"
	Panel Technology	OLED
	Aspect Ratio	16:9
	Native Resolution	1920x1080 (Full HD)
	Refresh Rate	120 Hz
	Brightness	400 nits
	Contrast Ratio	150,000:1
	Color gamut	BT709 120%
	Angle (H x V)	178° x 178°
	Color Depth	1.07 Billion colors
	Response Time (G to G)	1 ms
	Surface Treatment (Haze)	Hard coating (2H)
	Lifetime (Typ.)	30,000 Hrs
	Operation Hours (Hours/Days)	18/7 (Non-Static Content Only)
CONNECTIVITY	Portrait / Landscape Models	55EF5K-P / 55EF5K-L
	HDMI	Yes (1), HDCP1.4
	DP	Yes (1), HDCP1.3
	RS232C In	Yes (1)
	RJ45(LAN)	Yes (1)
	IR In	Yes (1), External IR Receiver
	USB In	USB 2.0 Type A(2)
	DP Out	Yes (1)
	Audio Out	Yes (1)
	RS232C OUT	Yes (1) (w/ IR out)
MECHANICAL	RJ45(LAN)	Yes (1)
	Bezel Color	Black
	Bezel Width - Off Bezel (T/R/L/B):	0.6 / 6.7 / 6.7 / 0.6 mm (Landscape Model), 0.6 / 6.7 / 6.7 / 0.6 mm (Portrait Model)
	Bezel Width - On Bezel (T/R/L/B):	5.0 / 7.6 / 7.6 / 10.6 mm (Landscape Model), 5.0 / 13.2 / 7.8 / 5.0 mm (Portrait Model)
	Weight - Screen	12.8 lbs / 5.8 kg (Landscape Model), 15.4 lbs / 7.0 kg (Portrait Model)
	Weight - Signage box	7.7 lbs, 3.5 kg
	Shipping Weight	37.5 lbs / 17.0 kg (Landscape Model), 38.8 lbs / 17.6 kg (Portrait Model)
	Dimensions - Landscape Model with Pemnut (W x H x D)	48.2 x 27.4 x 1.5 in, 1224.9 x 696.2 x 38.0 mm
	Dimensions - Landscape Model without Pemnut (W x H x D)	48.2 x 27.4 x 0.5 in, 1224.9 x 696.2 x 12.4 mm
	Dimensions - Portrait Model with Pemnut (W x H x D)	27.6 x 48.0 x 1.5 in, 701.4 x 1219.7 x 38.0 mm
	Dimensions - Portrait Model without Pemnut (W x H x D)	27.6 x 48.0 x 0.5 in, 701.4 x 1219.7 x 12.4 mm
	Dimensions - Signage Box (W x H x D)**	16.3 x 13.9 x 2.3 in, 413 x 353 x 57.3 mm
	Shipping Dimensions (W x H x D)	53.5 x 33.1 x 9.9 in, 1360 x 842 x 252 mm
	KEY FEATURES	VESA™ Standard Mount Interface
Built-in Speakers		No
Operation Temperature		32°F to 104°F, 0°C to 40°C
Operation Humidity		10% to 80%
Internal Memory		16GB
Built-in Wi-Fi		No
Temperature Sensor		Yes
webOS ver.		webOS 4.0
Local Contents Scheduling		Yes
Group Manager		Yes
USB Plug & Play		Yes
Fail over		Yes
RS-232C Sync		Yes
Local Network Sync		Yes
Video Tag	Yes (4)	
Screen Rotation	Yes	
External Input Rotation	Yes	
Gapless Playback	Yes	
Tile Mode Setting	Yes	
Setting Data Cloning	Yes	
SNMP	Yes	
ISM Method	Yes	
Auto Set ID	Yes	
Status Mailing	Yes	
Control Manager	Yes	
Creston Inside	Yes	
PM mode	Yes	
Wake on LAN	Yes	
HDMI-CEC	Yes	
SI Server Setting	Yes	
ProIdiom DRM	Yes	
POWER	Power Supply	100-240 Vac, 50/60Hz
	Power Type	Built-In Power
	Typ. Power Consumption	309 W
	Max. Power Consumption	318 W
	DPM	3 W
LG SOFTWARE & SERVICES*	Power off	0.5 W
	SuperSign CMS	Yes (v3.0)
	SuperSign Control / Control+	Yes (v1.7 / v1.9)
	SuperSign White Balance	Yes (v3.7.15)
	SuperSign Media Editor	Yes (v3.7)
WARRANTY & OTHER	LG ConnectedCare	Yes (v2.9)
	Warranty	3 Year Limited
	FCC (Regulatory)	Class "A"
	CE (Regulatory)	Yes
	IEC/EN/UL 60950-1 (EMC)	Yes
ErP (Environmental)	Yes	
Basic Accessories	Remote Control (battery 2ea), Power Cord, QSG, IR receiver, Regulation Book, Phone to RS232C Gender, DP Cable (2m), LAN Cable (2m), RS232 Cable (4P-4P1.5m), LC Cable (VLC, 3m), Tape (4ea for Cabling), Screws (M3xL4.5, 30ea / M3xL5.5, 50ea / M3x3.5, 10ea), Shield Cover Assembly, Tiling Set Fixer (6ea), Flex Bar (2ea)	

* Available for an additional fee

