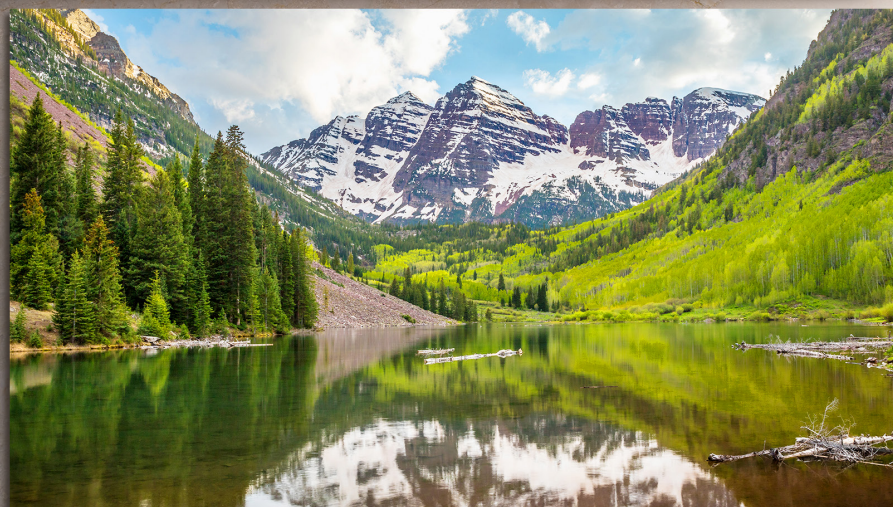


LG MAGNIT

Active Micro LED

LSAH 136" Extreme Home Cinema Display

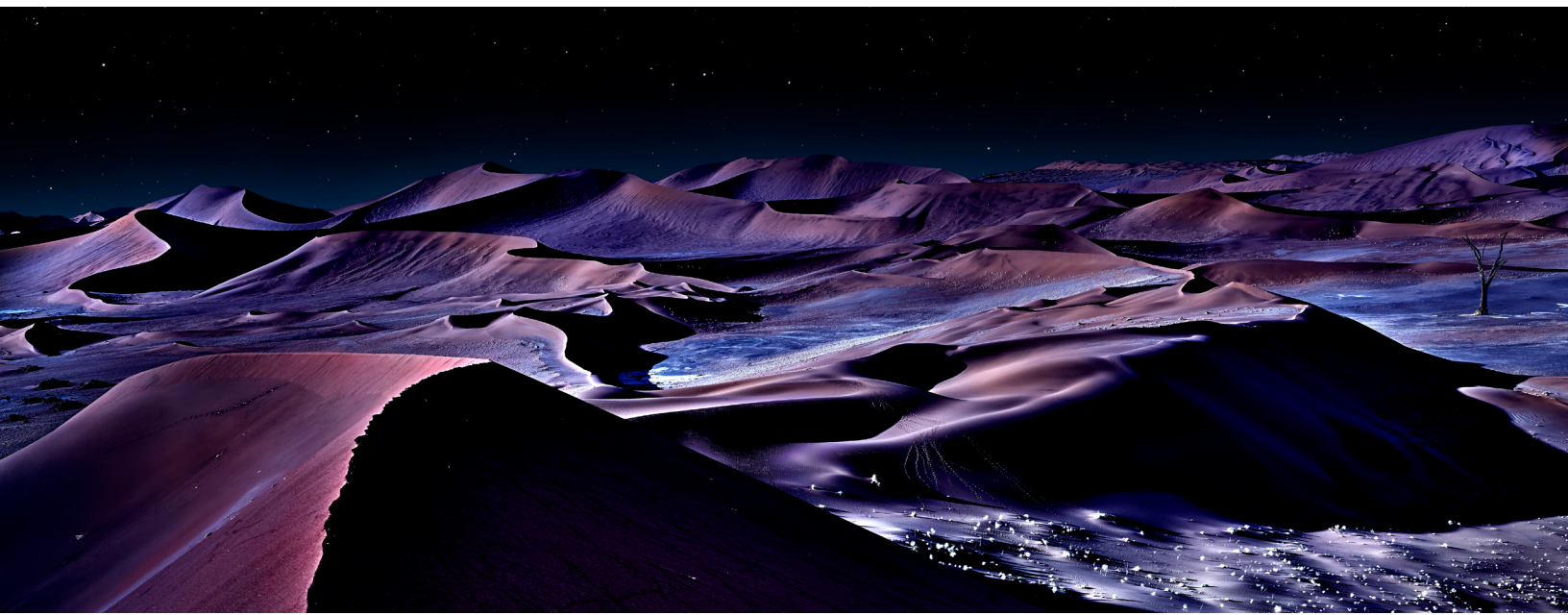


* All images in this brochure are for demonstration purposes only.



A New Standard of Visual Elegance

Transform your living space into a gallery of light and color with LG MAGNIT Active Micro LED. Powered by Active Matrix technology, which controls each pixel individually, it delivers exceptional clarity and stunning color fidelity. Experience cinematic quality and refined sophistication at the heart of your home.



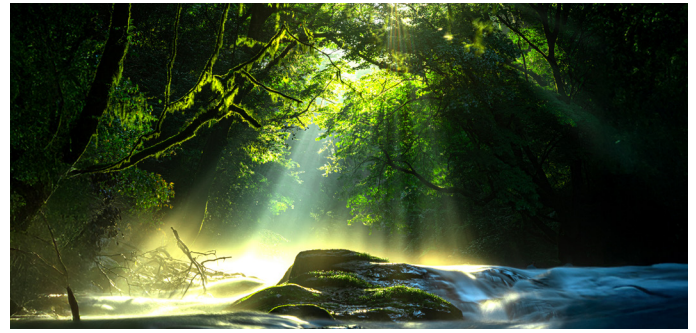
Jaw-Dropping Contrast

Providing literal “million-to-one” contrast in such a large display is not easy, but that’s what we do at LG. Micro-sized LED chips create expanded black areas between pixels, enabling LG MAGNIT Active Micro LED to render near-perfect blacks with remarkable depth, capturing every nuance even in the darkest scenes.



Approaching Perfect Black

Command attention with a colossal 136" LG Active Micro LED display that delivers breathtaking black levels that closely rival OLED on a cinematic canvas nearly double the viewing area of the largest individual OLED screen on the planet.



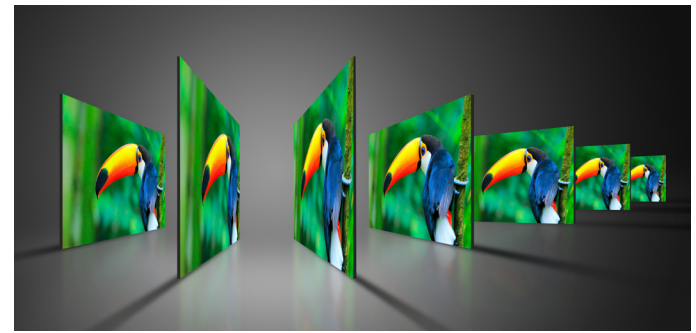
Smooth Brightness, Natural Gradation

Active Micro LED technology controls brightness with exceptional precision to deliver smooth transitions and natural gradation across a wide range of luminance levels. Subtle tones and shadow details are delicately rendered, creating an engaging viewing experience.



True-to-life Colors, Beautifully Delivered

Every shade tells a story. LG MAGNIT Active Micro LED is designed to deliver even the most subtle tones with impressive vibrancy. From delicate gradients to vibrant hues, experience rich, refined, and true-to-life color, as intended.



Visual Spectacle from Various Angles

Experience advanced color uniformity with LG's innovative chip transfer and surface treatment technology, inviting you to indulge in a captivating visual spectacle from a variety of viewing perspectives.



Comfortable Viewing, Stable Performance

Designed to keep pixels continuously lit, the display helps deliver a stable image with reduced flicker—supporting a relaxed and immersive viewing experience, whether you're enjoying a short clip or watching a full-length movie.



Complete Integration, One Seamless Screen

Advanced module processing technology brings multiple display units together into a single, unified screen. Precisely aligned surfaces are designed to minimize gaps, creating the impression of one expansive canvas for truly immersive viewing.



Fast Installation, Effortless Setup

By integrating four 68-inch cabinets into one unified display, the screen is designed to significantly reduce installation time, allowing the complete 136-inch setup to be ready in just 45 minutes.*

* Installation time of 45 minutes is based on internal testing conducted by experienced LG installation personnel. Actual installation time may vary depending on site conditions and installer proficiency.



All-in-One Design for Effortless Living

LG MAGNIT Active Micro LED comes ready with an integrated controller and built-in speakers, requiring no additional external connections or complex configurations—designed for effortless installation and immediate enjoyment in your home.



Your Favorite Content Comes Alive

LG MAGNIT Active Micro LED redefines visual excellence with groundbreaking AI processor. Utilizing extensive databases and deep learning algorithms, this system intelligently analyzes and enhances image quality, revealing even the subtlest details.



Enjoy More, Enjoy Better

With webOS® 23 and LG's latest System-on-Chip architecture, unlocking a world of diverse content becomes easier and more intuitive. Immerse yourself in next-level entertainment, from fitness and sports to entertainment and beyond, with an extensive selection of options on expansive screens.



Easy Casting, Immersive Viewing

LG MAGNIT Active Micro LED supports Miracast® & AirPlay® 2, enabling direct streaming from your gadgets to a more expansive, engaging display. Relish the realism of 1:1 scale content, from vibrant sports displays featuring beloved athletes to meticulously captured emotions exhibited by actors.

* Depending on respective app policies, wireless sharing may not be supported



A Gallery of Your Own

LG MAGNIT Active Micro LED transforms your space into a curated gallery with its dedicated mobile app. Display iconic masterpieces or showcase family memories, turning your living space into a canvas of personal expression.

SPECIFICATIONS

	Model Name	LSAH007-G42
Physical Parameters	Display Size and Resolution	136" 4K Ultra HD
	Pixel Pitch and Configuration	0.78 mm Active Micro LED (COB)
	Module Resolution	480 x 540
	Module Dimensions (W x H)	14.8 x 16.6 in. / 375.76 x 422.74 mm
	No. of Modules per Screen (W x H)	8 x 4
	Screen Resolution (W x H)	3,840 x 2,160
	Screen Dimensions (W x H x D, including bezel)	118.5 x 66.7 x 1.5 in. / 3010.6 x 1695.2 x 37.5 mm
	Screen Surface Area	54.7 ft ² / 5.08 m ²
	Weight of the screen	385.8 lbs. / 175 kg
	Physical Pixel Density (pixels/m ²)	1,638,400
	Flatness of Cabinet (mm)	±0.5
	Cabinet material	Aluminum
	Service access	Front
Optical Specifications	Max Brightness After Calibration (nits)	Up to 300
	Peak Brightness (nits)	Up to 1700
	Color Temperature (K)	4,800 to 13,000
	Default Color Temperature (K)	13,000
	Visual Viewing Angle (Horizontal)	170°
	Visual Viewing Angle (Vertical)	170°
	Brightness Uniformity	0.95
	Color Uniformity	±0.015Cx,Cy
	Contrast Ratio	1,000,000:1
	Processing Depth (bit)	Internal 20 (HDR10, HDR10 Pro)
Electrical Specifications	Max. Power Consumption (W)	1,800
	Avg. Power Consumption (W)	650
	Power Consumption (W/m ² , Max.)	355
	Max. Heat Dissipation (BTU/h)	6,142.00
	Avg. Heat Dissipation (BTU/h)	2,218
	Heat Dissipation (BTU/h/m ² , Max.)	1,211
	Power Supply (Vac)	100 to 240
	Frame Rate / Variable Refresh Rate (Hz)	48 / 144
Operation Specifications	LED Lifetime - Half brightness (hours)	Up to 100,000
	Operating Temperature	32°F to 104°F / 0°C to +40°C
	Operating Humidity	10 % to 80 %
	IP rating - Front	IP50
	IP rating - Rear	IP20
Regulatory & Standards	Certifications	FCC, CE, ETL, EMC Class B
	Environmental	RoHS, REACH
	Fire Protection	BS476 Part 7 Class 2
Warranty & Other	Warranty	3 Year Limited
	Built-in Speakers	100W (50W + 50W)
	Embedded Controller	webOS 23
	Connectivity	IR Blaster, Anetenna/Cable In, RS-232C (SVC Only), Optical Digital Audio Out, LAN, HDMI (x4), USB (x2)