

Innovation That Moves You

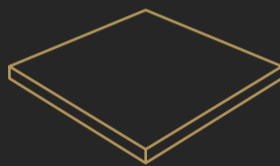
Experience vivid color and ultra-fine detail from every angle with MAGNIT Micro LED Displays.



Epic Displays Enabled by Micro Pixel Pitch

0.7–1.5mm Pixel Pitch

LG MAGNIT's Micro LED pixels are comparable to the width of a human hair versus a typical SMD pixel. That means more black space frames each pixel for incredibly seamless visual precision.



SMD 1,000µm

VS.



Micro LED <100µm



Human Hair 80-100µm

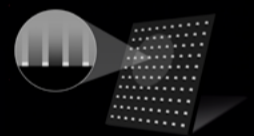
Full Black Coating Technology for Striking Contrast

Up to 150,000:1 Contrast Ratio

By removing a package surrounding R, G, B LED chips and applying LG's own Full Black Coating technology, LG MAGNIT surprisingly delivers much deeper black than conventional package LED signage. This not only enhances color vividness, but also makes the details which were hidden in the shadows appear, providing audiences with a sense of immersion.



Typical DVLED



Micro LED

LG Chip on Board Technology Enables Ultra-Fine Resolution

AI-Powered Processing

Each Micro LED chip features an Alpha 7 or Alpha 9 Intelligent Processor that optimizes clarity with advanced AI technology—this enables the processor to recognize and analyze content, tailoring the display settings for each individual scene to create the most immersive image possible.

LG's Patented Surface Treatment Technology for Accurate Color at Any Angle

LG MST Technology MAGNIT Surface Treatment

The LG MAGNIT's expert module alignment minimizes gaps between modules, so the display delivers exceptional clarity to captivate audiences. Each module features LG MAGNIT Surface Treatment (MST) for precise white uniformity and reduced color distortion from any angle.



Immerse Your Audiences in Living Color

LG MAGNIT Micro LED displays deliver a breathtaking visual experience in any space—powered by unmatched innovation and customer care.

[Learn more by downloading our brochure.](#)