

LG LAPE LED Display Series

Written by Dylan Card
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The **LAPE series** is the latest in LG Electronics' LED signage.

The LAPE LED Display offers a wide range of design possibilities via curve, depth, weight and power supply. The modules can create a concave or convex curve with up to a 1000mm radius, allowing screens to wrap around architecture or be styled into interesting shapes.

With an install depth at 40mm, the slim depth allows for both flexibility of placement and a sleek look. The reduced weight (19.8kg per square meter) allows for more a varied installation, as does the off-board power system.

The installation can be up to 60m away from the power supply units, decreasing the heat produced by the display. This increases reliability and reduces ventilation requirements.

The entire system is designed for easy installation and maintenance. The frames create a simple but durable support structure. The off-board controls use redundancies in data and power to improve reliability. They also make the displays much easier to service.

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The displays can be managed by **LG Signage 365 Care** which uses remote performance monitoring. The dashboard shows the real-time condition of the display and the status of each system component and is visible to the Signage 365 Care centre.

LAPE displays come in 1.5, 2.0 and 2.5 mm pixel pitch and can be built to FHD or UHD, which means that content from a variety of sources can be played without distortion. With 16-bit colour processing and the same Dynamic Contrast Algorithm that LG pioneered in its TVs to make blacks deeper and colours brighter.

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