



\* All images in this datasheet are for illustrative purposes only.

**Indoor LED** LFCL



# Floor LED Display for Virtual Production



High Durability



Excellent Usability



Easy Installation and Maintenance



High Brightness

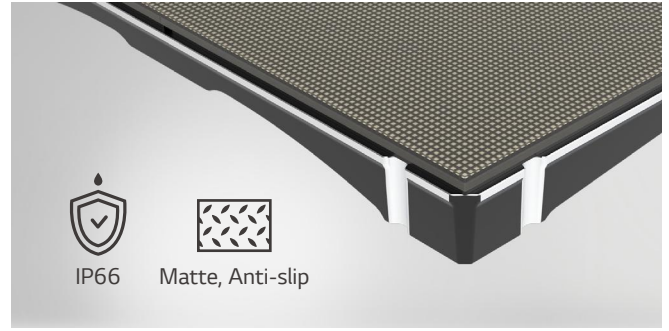
**LFCL**

Pixel Pitch	3.91 mm
Brightness	3,000 nit
Weight per Cabinet	10.5 kg/Cabinet
Service Access	Front
IP Rating	IP66



## High Durability

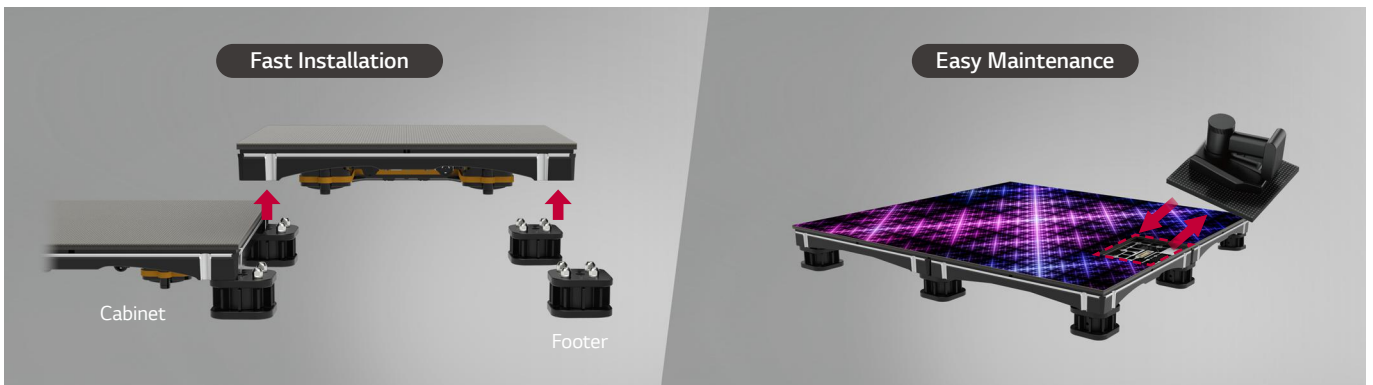
LFCL series is a unique display installed on the floor with high durability designed to load up to 1,500 kg/sqm.



## Excellent Usability

Surface safety when installing the screen on the floor (IP66 protective non-slip mat) and high visual performance (with high contrast LED for uniform visual performance in black) are considered.

\* As the surface is made of polycarbonate, it may be susceptible to scratches (especially against metal).



## Easy Installation and Maintenance

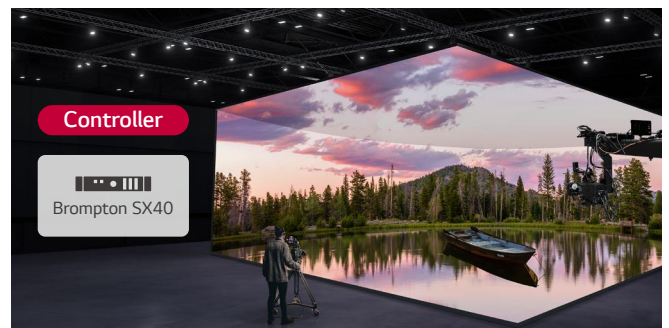
Its simple product structure allows for easy installation and quick maintenance. You can quickly deploy and connect the cabinets with the foot support system without any tools. A simple flush control mechanism design is applied to keep the height level regardless of floor type. In addition, magnets attached to the LED module allow for easy maintenance, and hot-swapping\* is able during the display operation.

\* Hot Swapping : Swap module on-site during screen's on the operation.



## High Brightness

The LFCL series gives a versatile filming experience in XR Stage and mid-sized VP Studio. Moreover, the rendered content is highly visible with 3,000 nits. Available to shoot dust and water scenes with IP66 rating. The realistic filming of desert, beach, and fire scenes keep DP and camera operators contented.



## Brompton LED Processor & Data Distribution

As Brompton controllers are common in the broadcast and virtual production industry, LFCL series offers support for them.

## SPECIFICATIONS

## LFCL039-GN

	Pitch Name	P3.91
Physical Parameters	Pixel Configuration	3 in 1 SMD
	Pixel Pitch (mm)	3.91
	Module Resolution (W × H)	64 × 64
	Module Dimensions (W × H, mm)	250 × 250
	Weight per Module (kg)	0.90
	No. of Modules per Cabinet (W × H)	2 × 2
	Cabinet Resolution (W × H)	128 × 128
	Cabinet Dimensions (W × H × D, mm)	500 × 500 × 84.5
	Cabinet Surface Area (m <sup>2</sup> )	0.250
	Weight per Cabinet (kg/Cabinet)	10.5
	Weight per Square Meter (kg/m <sup>2</sup> )	42.0
	Physical Pixel Density (pixels/m <sup>2</sup> )	65,536
	Flatness of Cabinet (mm)	±0.5
	Cabinet Material	Die Casting Aluminum
Service Access	Front	
Optical Specifications	Max. Brightness (After Calibration, nit)	3,000
	Color Temperature (K)	2,000-11,000
	Visual Viewing Angle (H × V)	120 × 120
	Brightness Uniformity	≥97%
	Color Uniformity	±0.003 Cx, Cy
	Contrast Ratio	5,000 : 1
	Processing Depth (bit)	14 (PQ, HLG)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	240
	Power Consumption (W/Cabinet, Avg.)	80
	Power Consumption (W/m <sup>2</sup> , Max.)	960
	Heat Dissipation (BTU/h/Cabinet, Max.)	819
	Heat Dissipation (BTU/h/Cabinet, Avg.)	273
	Heat Dissipation (BTU/h/m <sup>2</sup> , Max.)	3,276
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
Refresh Rate (Hz)	3,840	
Operation Specifications	LED Lifetime (Half Brightness)	100,000
	Operating Temperature (°C)	-10 to +45
	Operating Humidity	0-80% RH Non-condensing
	IP Rating Front / Rear	IP66 / IP66
Certification		CE / FCC / ETL
Environment		No
Controller		Brompton SX40
90 Degree Corner Cut		No

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



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