



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



Indoor LED LBCJ

LED Display for Virtual Production



Easy Installation
and Maintenance



Curve Effect
Available



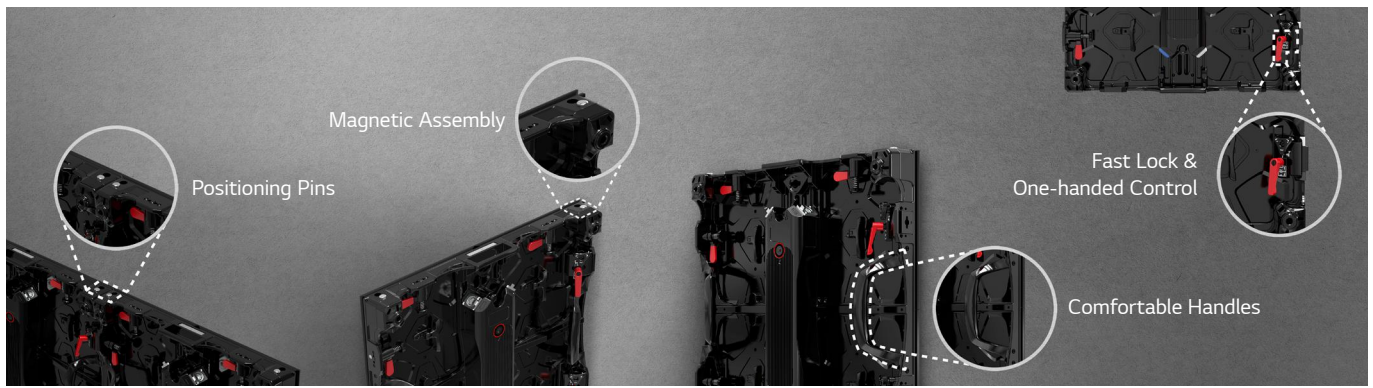
Stacking & Hanging
System Available



Broadcast Quality
Available

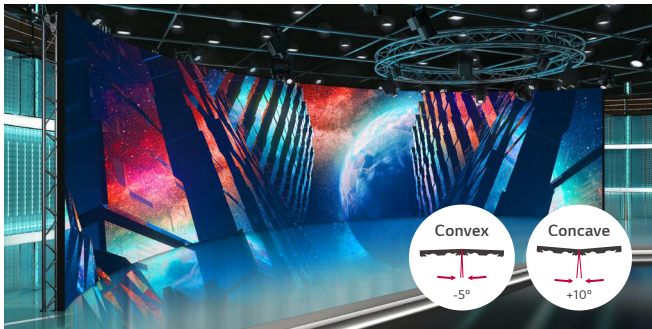
LBCJ

Pixel Pitch	2.60 mm
Brightness	1,500 nit
Weight per Cabinet	5.9 kg/Cabinet
Service Access	Front or Rear (Select One Only)
IP Rating	IP30



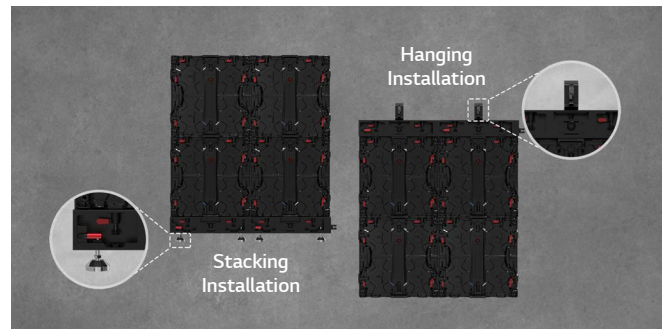
Easy Installation & Maintenance

The module can be easily removed using the suction tool (with front or rear selective service access). The positioning pins and magnets help perform panel adjustments accurately and quickly, ensuring seamless screen assembly.



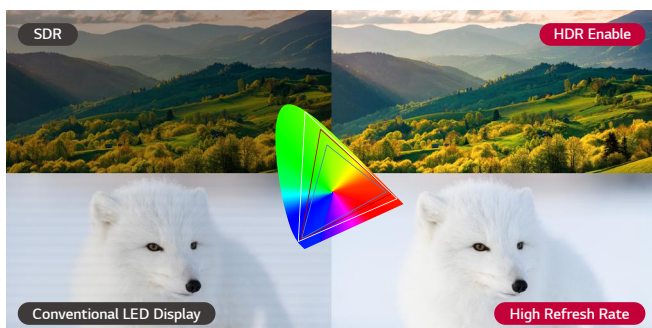
Curve Effect Available

The mechanical connection between the two panels is secured by an angle adapter system and a fast lock, adjustable by 10 degrees in concave areas and 5 degrees in convex areas.



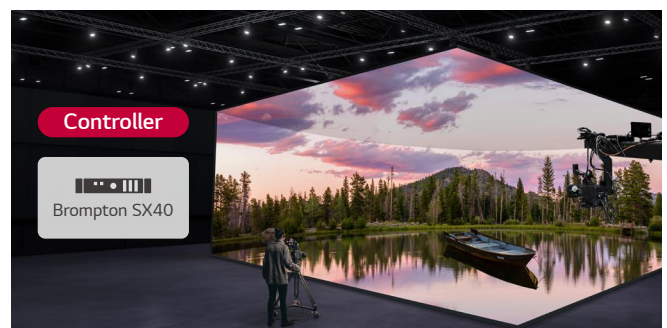
Stacking & Hanging System Available

Installation can be performed by stacking or hanging, using the optional accessories (single, double, triple beams) for customization to the studio environment.



Broadcast Quality Available

Accurate color reproduction, low latency of video processing, and HDR capability.



Brompton LED Processor & Data Distribution

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

SPECIFICATIONS

LBCJ026-GM

Pitch Name		P2.60
Physical Parameters	Pixel Configuration	3 in 1
	Pixel Pitch (mm)	2.60
	Module Resolution (W × H)	96 × 96
	Module Dimensions (W × H, mm)	250 × 250
	Weight per Module (kg)	0.59
	No. of Modules per Cabinet (W × H)	2 × 2
	Cabinet Resolution (W × H)	192 × 192
	Cabinet Dimensions (W × H × D, mm)	500 × 500 × 75.5
	Cabinet Surface Area (m ²)	0.250
	Weight per Cabinet (kg/Cabinet)	5.9
	Weight per Square Meter (kg/m ²)	24.0
	Physical Pixel Density (pixels/m ²)	147,456
	Flatness of Cabinet (mm)	±0.15
	Cabinet Material	Die Casting Magnesium Alloy
	Service Access	Front or Rear (Select One Only)
Optical Specifications	Max. Brightness (After Calibration, nit)	1,500
	Color Temperature (K)	2,000-11,000
	Visual Viewing Angle (H × V)	160 × 160
	Brightness Uniformity	97%
	Color Uniformity	±0.003 Cx, Cy
	Contrast Ratio	5,000 : 1
	Processing Depth (bit)	16 (PQ, HLG)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	180
	Power Consumption (W/Cabinet, Avg.)	60
	Power Consumption (W/m ² , Max.)	720
	Heat Dissipation (BTU/h/Cabinet, Max.)	614
	Heat Dissipation (BTU/h/Cabinet, Avg.)	205
	Heat Dissipation (BTU/h/m ² , Max.)	2,457
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
Operation Specifications	Refresh Rate (Hz)	7,680
	LED Lifetime (Half Brightness)	100,000
	Operating Temperature (°C)	-10 to +45
	Operating Humidity	0-80% RH
IP Rating Front / Rear		IP30 / IP30
Certification		CE / FCC / ETL
Environment		RoHS, REACH
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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