



* All images are for illustrative purposes only.

Indoor LED LSCB Series

LG Ultra Slim LED Signage



Ultra Slim Depth



Easy & Seamless Installation



16:9 FHD/UHD Configuration



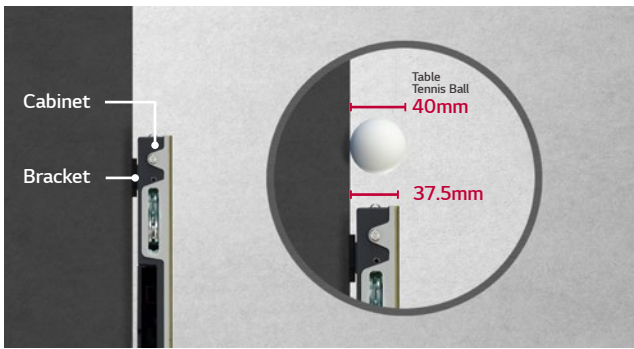
90° Corner Design Available



EMC Class B Certified

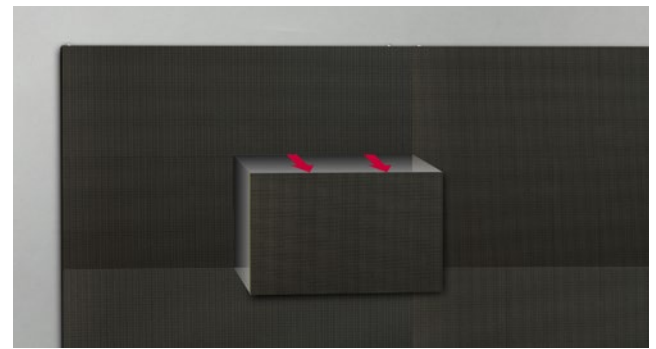


Fire Resistant Design



Ultra Slim Depth

Its ultra-slim design with 37.5 mm edge thickness is the biggest advantage of the product. This feature enables the LSCB series to be installed and utilized in any type of venues without restriction.



Easy & Seamless Installation

The LSCB series can be easily installed and managed from the front side for easy operation. Thanks to this feature, no additional space for maintenance behind the product is required. Its LED modules can also be simply attached or detached with a magnetic tool.



16:9 FHD/UHD Configuration

Each cabinet uses a 16:9 aspect ratio, the same most commonly used in displays for FHD and UHD content. This allows you to keep using existing content without additional cost and time for editing.



Conventional

90° Corner Option Applied

90° Corner Design Available

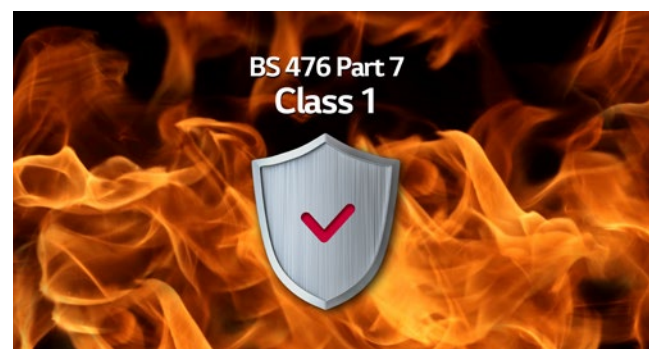
If you add 90° corner option, the LSCB series fits naturally into the space and delivers smooth & flawless content to customers.

	Class A	Class B
USA	 Non-residential	 Residential
EU	 Industrial	 Residential, Commercial, Light Industrial

← Emissions Increase

EMC Class B Certified

Boasting EMC Class B certification, the LSCB series guarantees its safety by producing low amount of electromagnetic wave which is harmful to the environment and people.



Fire Resistant Design

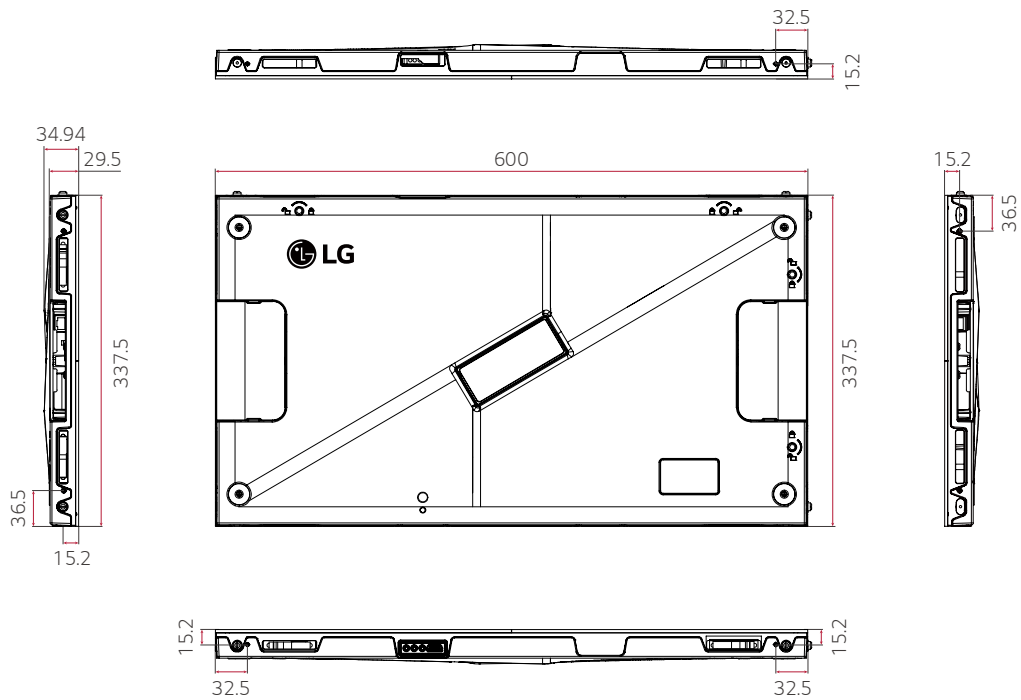
The LSCB series obtained Fire Protection Certification and is designed to keep flames from spreading quickly. So you can find enough time to deal with the emergency in case of fire.

PRODUCT IMAGE



DIMENSION

(unit: mm)



SPECIFICATIONS

Panel	Marketing Model Name ¹⁾	LSCB015	LSCB018	LSCB025
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	1.56	1.88	2.50
	Module Resolution (W x H)	192 x 108	160 x 90	120 x 135
	Module Dimensions (W x H, mm)	300 x 168.75	300 x 168.75	300 x 337.5
	Weight per Module (kg)	0.40	0.40	0.90
	No. of Modules per Cabinet (W x H)	2 x 2	2 x 2	2 x 1
	Cabinet Resolution (W x H)	384 x 216	320 x 180	240 x 135
	Cabinet Dimensions (W x H x D, mm)	600 x 337.5 x 35 mm	600 x 337.5 x 35 mm	600 x 337.5 x 35 mm
	Cabinet Surface Area (m ²)	0.203	0.203	0.203
	Weight per Cabinet (kg / cabinet)	5.2	5.2	5.2
	Weight per Square Meter (kg / m ²)	25.7	25.7	25.7
	Physical Pixel Density (pixels / m ²)	409,600	284,444	160,000
	Flatness of Cabinet (mm)	± 0.1	± 0.1	± 0.1
Cabinet Material	Die Casting Aluminum Alloy	Die Casting Aluminum Alloy	Die Casting Aluminum Alloy	
Service Access	Front	Front	Front	
Optical Specifications	Min. Brightness (After Calibration)	600 nit	600 nit	800 nit
	Color Temperature	6,500	6,500	6,500
	Visual Viewing Angle (H x V)	160 x 160	160 x 160	160 x 160
	Brightness Uniformity	97 %	97 %	97 %
	Color Uniformity	± 0.003 Cx,Cy	± 0.003 Cx,Cy	± 0.003 Cx,Cy
	Contrast Ratio	5,000	5,000	5,000
	Processing Depth (bit)	14	14	14
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	150	150	150
	Power Consumption (W/Cabinet, Avg.)	50	50	50
	Power Consumption (W/m ² , Max.)	890	890	890
	Power Consumption (BTU/Cabinet, Max.)	512	512	512
	Power Consumption (BTU/Cabinet, Avg.)	171	171	171
	Power Consumption (BTU/m ² , Max.)	3,037	3,037	3,037
	Power Supply (V)	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	3,840	3,840
Operation Specifications	Lifetime (Duration of Half Brightness in Hrs)	100,000	100,000	100,000
	Operating Temperature	-10 °C to +45 °C	-10 °C to +45 °C	-10 °C to +45 °C
	Operating Humidity	0 - 80 % RH	0 - 80 % RH	0 - 80 % RH
	IP Rating Front	IP30	IP30	IP30
	IP Rating Rear	IP30	IP30	IP30
Certification		CE, FCC, ETL, EMC Class B, BS 476 Part 7 Class 1, in progress	CE, FCC, ETL, EMC Class B, BS 476 Part 7 Class 1, in progress	CE, FCC, ETL, EMC Class B, BS 476 Part 7 Class 1, in progress
Environment		RoHS, REACH in progress	RoHS, REACH in progress	RoHS, REACH in progress

1) As this is a condensed model name for marketing communication, please check full model codes with LG local sales team before ordering.

Controller		LCIN006	LCIN008 (4K)
Input	Interface	HDMI / DVI	HDMI / DVI / DP
	Resolution	1,920 x 1,200 @60Hz	3,840 x 2,160 @60Hz
	EDID Custom	Yes	Yes
Output	Signal	Gigabit Ethernet (4 ea)	Gigabit Ethernet (16 ea)
	Fiber Optical	X	4ea
Control	RJ45	X	O
	USB	O	O
Electrical	Power Consumption [W]	16	30
	Power Supply [V]	AC 100 - 240 V	AC 100 - 240 V
Mechanical	Size [mm]	482.6 (W) x 250 (D) x 44.45 (H) → EIA Standard Rack (1U)	482.6 (W) x 372 (D) x 96 (H) → EIA Standard Rack (3U)
	Weight [Kg]	2.9	4.6
Feature	Signal Redundancy	Yes	Yes
	HDR10	X	O



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