LG Business Solutions

TO MAKE YOUR NECK SHINE

LG DVLED Signage | Indoor
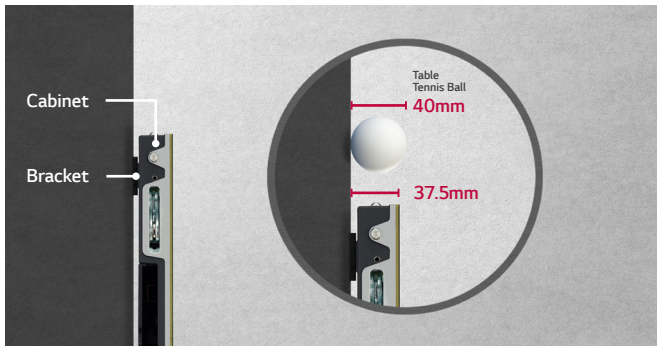
Ultra Slim LSCB Series

Ultra Slim Depth

Slim

Easy & Seamless Installation

16:9 FHD/UHD Configuration

16:9

90° Corner Design Available

EMC Class B Certified

B

Fire Resistant Design

Cabinet

Bracket

Table
Tennis Ball
40mm

37.5mm

Ultra Slim Depth

Its ultra-slim design with 37.5 mm edge thickness is the biggest advantage of the LSCB series. This allows the product to be installed in a wide variety of venues, especially where module thickness is a design or space concern.
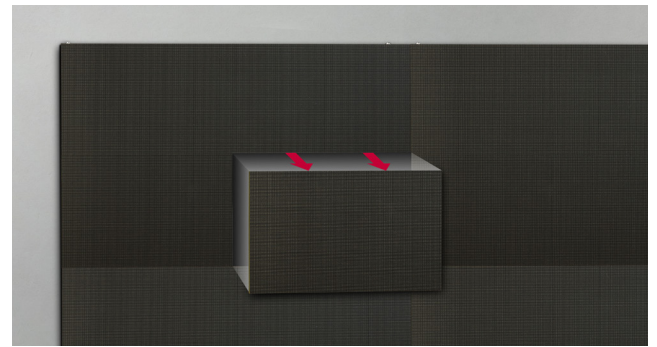
Easy & Seamless Installation

The LSCB series can be easily installed and managed from the front side for easy operation. A magnetic tool allows the modules to be attached / detached from the front so that no additional space is needed behind the product for installation or maintenance.

FHD (2K)   9   16

UHD (4K)   9   16

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 our 90° corner option, the LSCB series fits naturally into the space and delivers beautifully smooth, flawless content without the corner being a distraction to customers.

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

Emissions Increase

EMC Class B Certified

With its Class B certification for electromagnetic compatibility, the LSCB is not only perfect for industrial environments, it passes the even stricter emissions standards for residential areas. Thus EMC rating will not limit where the LSCB can be installed.
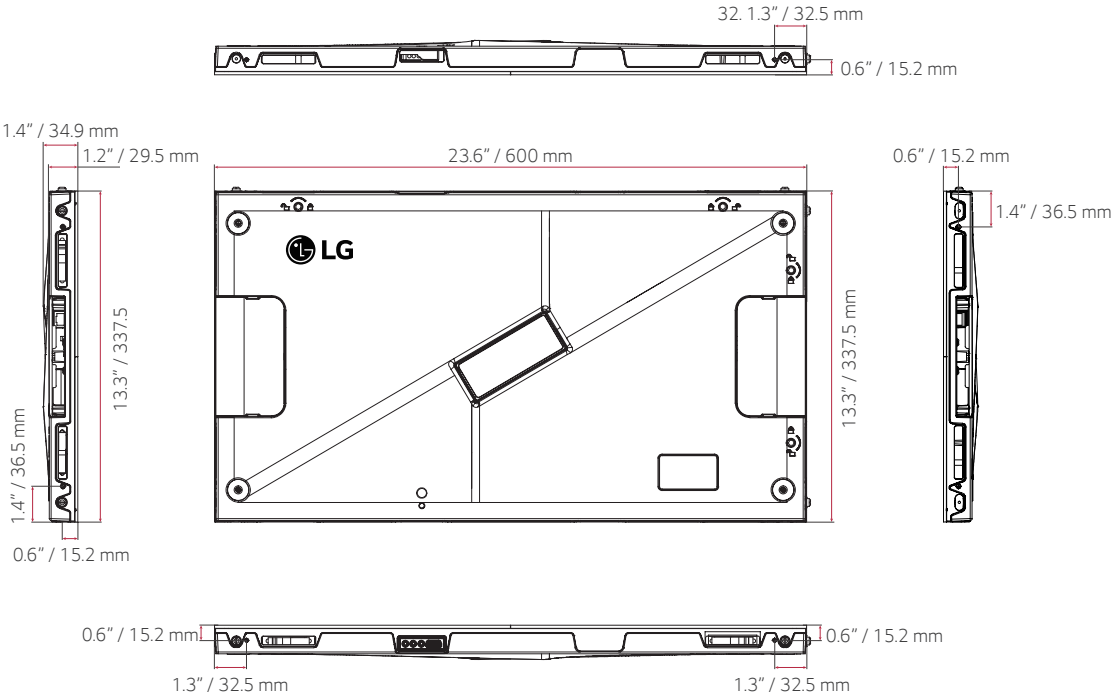

BS 476 Part 7
Class 1
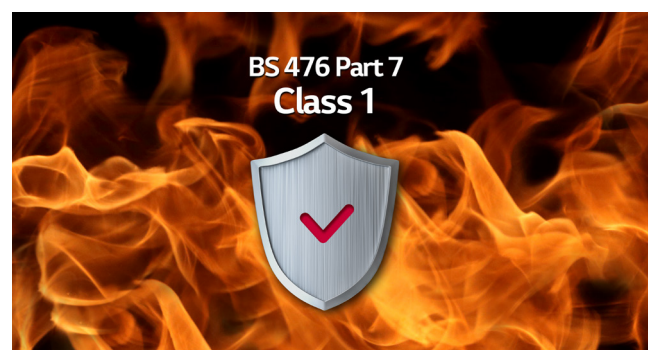
Fire Resistant Design

The LSCB Class 1 certification for resistance is the highest rating class of its type in the BS 476 standard. This certification shows LG's commitment to safety in the event of a fire emergency.

PRODUCT IMAGE

Front

Side

Back

Top

Bottom

DIMENSIONS

32. 1.3" / 32.5 mm

0.6" / 15.2 mm

1.4" / 34.9 mm

1.2" / 29.5 mm

23.6" / 600 mm

0.6" / 15.2 mm

1.4" / 36.5 mm

13.3" / 337.5

13.3" / 337.5 mm

1.4" / 36.5 mm

0.6" / 15.2 mm

0.6" / 15.2 mm

0.6" / 15.2 mm

1.3" / 32.5 mm

1.3" / 32.5 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)	300 x 168.75	300 x 168.75	300 x 337.5
	Weight per Module	0.40 W 0.40 W 0.90 W	0.40 W 0.40 W 0.90 W	0.40 W 0.40 W 0.90 W
	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)	23.6 x 13.3 x 1.4 in / 600 x 337.5 x 35 mm	23.6 x 13.3 x 1.4 in / 600 x 337.5 x 35 mm	23.6 x 13.3 x 1.4 in / 600 x 337.5 x 35 mm
	Cabinet Surface Area	2.2 ft2 / .203 m^2	2.2 ft2 / .203 m^2	2.2 ft2 / .203 m^2
	Weight per Cabinet	11.6 lbs / 5.2 kg	11.6 lbs / 5.2 kg	11.6 lbs / 5.2 kg
	Weight per Square Meter	25.7 kg/m^2	25.7 kg/m^2	25.7 kg/m^2
	Physical Pixel Density	409,600 pixels/m^2	284,444 pixels/m^2	160000 pixels/m^2
	Flatness of Cabinet	⊠ 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	Max Brightness After Calibration (worst case)	800 nits	800 nits	800 nits
	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	5000:1	5000:1	5000:1
	Processing Depth (bit)	14	14	14
Electrical Specifications	Max Power Consumption per Cabinet	150 W / 512 BTU	150 W / 512 BTU	150 W / 512 BTU
	Average Power Consumption per Cabinet	50 W / 171 BTU	50 W / 171 BTU	50 W / 171 BTU
	Max Power Consumption	890 W/m^2 / 3,037 BTU/m^2	890 W/m^2 / 3,037 BTU/m^2	890 W/m^2 / 3,037 BTU/m^2
	Power Supply	100 to 240 V	100 to 240 V	100 to 240 V
	Frame Rate	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
	Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Operation Specifications	Lifetime (Duration of Half Brightness in Hrs)	100,000	100,000	100,000
	Operating Temperature	14°F to 113°F / -10°C to 45°C	14°F to 113°F / -10°C to 45°C	14°F to 113°F / -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	No	4ea
Control	RJ45	No	Yes
	USB	Yes	Yes
Electrical	Power Consumption	16 W	30 W
	Power Supply	AC 100 ~ 240 V	AC 100 ~ 240 V
Mechanical	Size (W x D x H)	482.6 x 250 x 44.45 mm → EIA Standard Rack (1U)	482.6 x 372 x 96 mm → EIA Standard Rack (3U)
	Weight	2.9 kg	4.6 kg
Feature	Signal Redundancy	Yes	Yes
	HDR10	No	Yes

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