



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

Indoor LED LSCC Series

LSCC Ultra Slim Series



Ultra Slim Depth and Lightweight



4K HDR



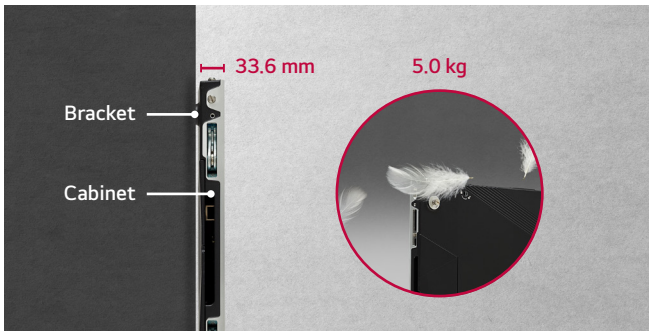
Energy Efficiency



Flexible Design
(90° Corner Design, Curve)

LSCC

Pixel Pitch	1.25 / 1.56 / 1.88 / 2.5 mm
Brightness	800 nits (Max.)
Weight per Cabinet	5.0 kg
Service Access	Front
IP Rating Front / Rear	IP30



Ultra Slim Depth and Lightweight

The ultra slim design, with a cabinet thickness of just 33.6 mm and a weight of only 5.0 kg, is the standout feature of this product. This sleek and lightweight design allows the LSCC series to be seamlessly installed in a variety of venues, harmonizing effortlessly with its surroundings.



Stunning Picture Quality with 4K HDR

All models of the LSCC series deliver 4K HDR while maintaining 800 nits of brightness.* Not only do they offer a great contrast ratio and wide viewing angle, but the 4K HDR feature also ensures stunning picture quality.

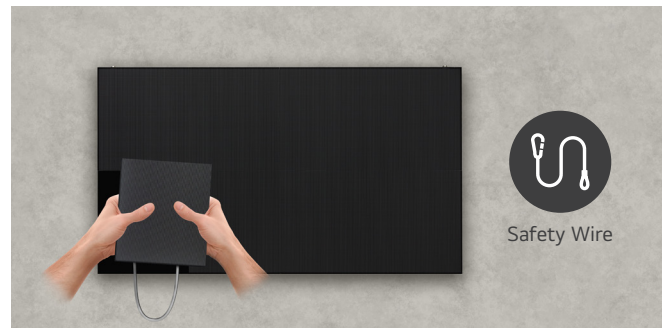
* This feature is only supported when using LG's controller, CVCA.



Superior Energy Efficiency

The LSCC series improves power consumption by 16% to 25%, depending on pitch models, delivering both energy efficiency and lower operating costs. Consequently, the LSCC series stands as the second most energy-efficient model in LG's indoor PKG lineup as of Aug 2024.

* Power consumption improvement is compared to the LG LSCB model.



Attachable Wire Hooks for Modules

All modules come with wire holders attached to the back, allowing wires to be secured for installation on ceilings, walls, or other surfaces as needed. Simply attach a safety wire to prevent the module from falling, providing safety.

* Wires can be ordered separately as accessories.



90° Corner Design Available

By adding the 90° corner option, the LSCC series seamlessly integrates into any space, delivering smooth content to customers. Additionally, elegantly curved LED screens can be implemented as an option.



Compatibility with LG Software Solutions

When connected with LG's CVCA system controller, the LSCC series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers operate their own business deftly.

*The availability of LG ConnectedCare varies by region and requires a separate purchase. Contact your local LG sales representative for details. Monitored items include LG webOS™ System Controller (Temperature, Signal Status, FPGA Version, Ethernet Connection Status) and Receiving Card (Temperature, LED Power).

SPECIFICATIONS

		LSCC012-GZ	LSCC015-GZ	LSCC018-GZ	LSCC025-GZ
	Cabinet Type	Standard Cabinet	Standard Cabinet	Standard Cabinet	Standard Cabinet
	Pitch Name	P1.25	P1.56	P1.88	P2.5
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	1.25	1.56	1.88	2.50
	Module Resolution (W x H)	240 x 135	192 x 108	160 x 90	120 x 135
	Module Dimensions (W x H)	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 337.5 mm
	Weight per Module	0.7 lbs. / 0.31 kg	0.7 lbs. / 0.31 kg	0.7 lbs. / 0.31 kg	1.2 lbs. / 0.56 kg
	No. of Modules per Cabinet (W x H)	2 x 2	2 x 2	2 x 2	2 x 1
	Cabinet Resolution (W x H)	480 x 270	384 x 216	320 x 180	240 x 135
	Cabinet Dimensions (W x H x D)	23.6 x 13.3 x 1.3 in. 600 x 337.5 x 33.6 mm	23.6 x 13.3 x 1.3 in. 600 x 337.5 x 33.6 mm	23.6 x 13.3 x 1.3 in. 600 x 337.5 x 33.6 mm	23.6 x 13.3 x 1.3 in. 600 x 337.5 x 33.6 mm
	Cabinet Surface Area	2.2 ft ² / 0.2 m ²	2.2 ft ² / 0.2 m ²	2.2 ft ² / 0.2 m ²	2.2 ft ² / 0.2 m ²
	Weight per Cabinet	11.0 lbs. / 5.0 kg	11.0 lbs. / 5.0 kg	11.0 lbs. / 5.0 kg	11.0 lbs. / 5.0 kg
	Weight per Square Meter	5.1 lbs/ft ² / 24.69 kg/m ²	5.1 lbs/ft ² / 24.69 kg/m ²	5.1 lbs/ft ² / 24.69 kg/m ²	5.1 lbs/ft ² / 24.69 kg/m ²
	Physical Pixel Density (pixels/m ²)	640,000	409,600	284,444	160,000
	Flatness of Cabinet (mm)	±0.1	±0.1	±0.1	±0.1
	Cabinet material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Service access	Front	Front	Front	Front
Optical Specifications	Max Brightness After Calibration (nits)	Up to 800	Up to 800	Up to 800	Up to 800
	Color Temperature (K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)
	Visual Viewing Angle (Horizontal)	160°	160°	160°	160°
	Visual Viewing Angle (Vertical)	160°	160°	160°	160°
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.003CxCy	±0.003CxCy	±0.003CxCy	±0.003CxCy
	Contrast Ratio	5,000:1	5,000:1	5,000:1	5,000:1
Electrical Specifications	Processing Depth (bit)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)
	Max. Power Consumption per Cabinet (W)	112	112	96	84
	Avg. Power Consumption per Cabinet (W)	37	37	32	28
	Max. Power Consumption (W/m ²)	553	553	474	415
	Max. Heat Dissipation per Cabinet (BTU/h)	382	382	328	287
	Avg. Heat Dissipation per Cabinet (BTU/h)	127	127	109	96
	Max. Heat Dissipation (BTU/h/m ²)	1,887	1,887	1,618	1,415
	Power Supply (Vac)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Operation Specifications	Refresh Rate (Hz)	3,840	3,840	3,840	3,840
	LED Lifetime (Half brightness)	100,000	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	+14°F to +113°F -10°C to +45°C
	Operating Humidity	0-80%RH	0-80%RH	0-80%RH	0-80%RH
	IP rating Front	IP30	IP30	IP30	IP30
Warranty & Other	IP rating Rear	IP30	IP30	IP30	IP30
	Regulatory	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE
	Fire Protection	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1
	Environmental	RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
	Controller	CVCA	CVCA	CVCA	CVCA
90 degree corner cut	Yes	Yes	Yes	Yes	

Lifetime spec does not supersede the 3 Year Limited Warranty.

		LSCC012-CZ	LSCC015-CZ	LSCC018-CZ	LSCC025-CZ
	Cabinet Type	Half-Width Cabinet	Half-Width Cabinet	Half-Width Cabinet	Half-Width Cabinet
	Pitch Name	P1.25	P1.56	P1.88	P2.5
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	1.25	1.56	1.88	2.50
	Module Resolution (W x H)	240x135	192x108	160x90	120x135
	Module Dimensions (W x H)	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 13.3 in. 300 x 337.5 mm
	Weight per Module	0.7 lbs. / 0.31 kg	0.7 lbs. / 0.31 kg	0.7 lbs. / 0.31 kg	1.2 lbs. / 0.56 kg
	No. of Modules per Cabinet (W x H)	1 x 2	1 x 2	1 x 2	1 x 1
	Cabinet Resolution (W x H)	240 x 270	192 x 216	160 x 180	120 x 135
	Cabinet Dimensions (W x H x D)	11.8 x 13.3 x 1.3 in. 300 x 337.5 x 32.6 mm	11.8 x 13.3 x 1.3 in. 300 x 337.5 x 32.6 mm	11.8 x 13.3 x 1.3 in. 300 x 337.5 x 32.6 mm	11.8 x 13.3 x 1.3 in. 300 x 337.5 x 32.6 mm
	Cabinet Surface Area	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²
	Weight per Cabinet	6.2 lbs. / 2.8 kg	6.2 lbs. / 2.8 kg	6.2 lbs. / 2.8 kg	6.2 lbs. / 2.8 kg
	Weight per Square Meter	5.7 lbs/ft ² / 27.65 kg/m ²	5.7 lbs/ft ² / 27.65 kg/m ²	5.7 lbs/ft ² / 27.65 kg/m ²	5.6 lbs/ft ² / 27.16 kg/m ²
	Physical Pixel Density (pixels/m ²)	640,000	409,600	284,444	160,000
	Flatness of Cabinet (mm)	±0.1	±0.1	±0.1	±0.1
	Cabinet material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Service access	Front	Front	Front	Front
Optical Specifications	Max Brightness After Calibration (nits)	Up to 800	Up to 800	Up to 800	Up to 800
	Color Temperature (K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)
	Visual Viewing Angle (Horizontal)	160°	160°	160°	160°
	Visual Viewing Angle (Vertical)	160°	160°	160°	160°
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.003CxCy	±0.003CxCy	±0.003CxCy	±0.003CxCy
	Contrast Ratio	5,000:1	5,000:1	5,000:1	5,000:1
	Processing Depth (bit)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)
Electrical Specifications	Max. Power Consumption per Cabinet (W)	54	54	48	45
	Avg. Power Consumption per Cabinet (W)	18	18	16	15
	Max. Power Consumption (W/m ²)	533	533	474	444
	Max. Heat Dissipation per Cabinet (BTU/h)	184	184	164	154
	Avg. Heat Dissipation per Cabinet (BTU/h)	61	61	55	51
	Max. Heat Dissipation (BTU/h/m ²)	1,820	1,820	1,618	1,517
	Power Supply (Vac)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	3,840	3,840	3,840
Operation Specifications	LED Lifetime (Half brightness)	100,000	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	+14°F to +113°F -10°C to +45°C
	Operating Humidity	0-80%RH	0-80%RH	0-80%RH	0-80%RH
	IP rating Front	IP30	IP30	IP30	IP30
	IP rating Rear	IP30	IP30	IP30	IP30
Warranty & Other	Regulatory	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE
	Fire Protection	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1
	Environmental	RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
	Controller	CVCA	CVCA	CVCA	CVCA
	90 degree corner cut	Yes	Yes	Yes	Yes

Lifetime spec does not supersede the 3 Year Limited Warranty.

		LSSC012-CZF	LSSC015-CZF	LSSC018-CZF	LSSC025-CZF
	Cabinet Type	Pre-Curved Cabinet	Pre-Curved Cabinet	Pre-Curved Cabinet	Pre-Curved Cabinet
	Pitch Name	P1.25	P1.56	P1.88	P2.5
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	1.25	1.56	1.88	2.50
	Module Resolution (W x H)	240 x 135	192 x 108	160 x 90	120 x 135
	Module Dimensions (W x H)	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 6.6 in. 300 x 168.75 mm	11.8 x 13.3 in. 300 x 337.5 mm
	Weight per Module	1.3 lbs. / 0.60 kg	1.3 lbs. / 0.60 kg	1.3 lbs. / 0.60 kg	2.4 lbs. / 1.10 kg
	No. of Modules per Cabinet (W x H)	1 x 2	1 x 2	1 x 2	1 x 1
	Cabinet Resolution (W x H)	240 x 270	192 x 216	160 x 180	120 x 135
	Cabinet Dimensions (W x H x D) (Cabinet Mounting depth changes for different curve)	11.8 x 13.3 x 2.4 in. 300 x 337.5 x 61.8 mm	11.8 x 13.3 x 2.4 in. 300 x 337.5 x 61.8 mm	11.8 x 13.3 x 2.4 in. 300 x 337.5 x 61.8 mm	11.8 x 13.3 x 2.4 in. 300 x 337.5 x 61.8 mm
	Cabinet Surface Area	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²	1.2 ft ² / 0.1 m ²
	Weight per Cabinet (Weight changes for different curve)	7.7 lbs. / 3.5 kg	7.7 lbs. / 3.5 kg	7.7 lbs. / 3.5 kg	7.5 lbs. / 3.4 kg
	Weight per Square Meter	6.9 lbs/ft ² / 33.98 kg/m ²	6.9 lbs/ft ² / 33.98 kg/m ²	6.9 lbs/ft ² / 33.98 kg/m ²	6.8 lbs/ft ² / 33.58 kg/m ²
	Physical Pixel Density (pixels/m ²)	640,000	409,600	284,444	160,000
	Flatness of Cabinet (mm)	±0.1	±0.1	±0.1	±0.1
	Cabinet material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Service access	Front	Front	Front	Front	
Optical Specifications	Max Brightness After Calibration (nits)	Up to 800	Up to 800	Up to 800	Up to 800
	Color Temperature (K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)	3500-9000K (default:6500K)
	Visual Viewing Angle (Horizontal)	160°	160°	160°	160°
	Visual Viewing Angle (Vertical)	160°	160°	160°	160°
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.003CxCy	±0.003CxCy	±0.003CxCy	±0.003CxCy
	Contrast Ratio	5,000:1	5,000:1	5,000:1	5,000:1
	Processing Depth (bit)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)
Electrical Specifications	Max. Power Consumption per Cabinet (W)	54	54	48	45
	Avg. Power Consumption per Cabinet (W)	18	18	16	15
	Max. Power Consumption (W/m ²)	533	533	474	444
	Max. Heat Dissipation per Cabinet (BTU/h)	184	184	164	154
	Avg. Heat Dissipation per Cabinet (BTU/h)	61	61	55	51
	Max. Heat Dissipation (BTU/h/m ²)	1,820	1,820	1,618	1,517
	Power Supply (Vac)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	3,840	3,840	3,840
Operation Specifications	LED Lifetime (Half brightness)	100,000	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	+14°F to +113°F -10°C to +45°C
	Operating Humidity	0-80%RH	0-80%RH	0-80%RH	0-80%RH
	IP rating Front	IP30	IP30	IP30	IP30
	IP rating Rear	IP30	IP30	IP30	IP30
Warranty & Other	Regulatory	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE	FCC EMC Class-A, CE
	Fire Protection	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1	BS476 Part7 Class1, EN13501-1
	Environmental	RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
	Controller	CVCA	CVCA	CVCA	CVCA
	90 degree corner cut	No	No	No	No

Lifetime spec does not supersede the 3 Year Limited Warranty.

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