



FLIGHT	STA	TO/VA	COUNTER	REMARK
0101	0101	EDM	01	ON TIME
0102	0102	EDM	02	ON TIME
0103	0103	EDM	03	ON TIME
0104	0104	EDM	04	ON TIME
0105	0105	EDM	05	ON TIME
0106	0106	EDM	06	ON TIME
0107	0107	EDM	07	ON TIME
0108	0108	EDM	08	ON TIME
0109	0109	EDM	09	ON TIME
0110	0110	EDM	10	ON TIME
0111	0111	EDM	11	ON TIME
0112	0112	EDM	12	ON TIME
0113	0113	EDM	13	ON TIME
0114	0114	EDM	14	ON TIME
0115	0115	EDM	15	ON TIME
0116	0116	EDM	16	ON TIME
0117	0117	EDM	17	ON TIME
0118	0118	EDM	18	ON TIME
0119	0119	EDM	19	ON TIME
0120	0120	EDM	20	ON TIME









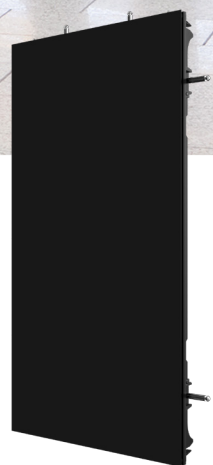
La vie est belle
The freshness of the sparkling fragrance.
It's a white floral perfume.

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

Indoor LED LSBC Quick Install Series

Indoor LED Display

-  Quick Latches for Fast Assembly
-  Handles for Easy Installation
-  Vivid Color Expression Powered by HDR
-  90° Corner Installation Design Available
-  Front or Rear Serviceability
-  Compatibility with LG Software Solutions



LSBC Quick Install Series	
Pixel Pitch	1.95 / 2.60 / 2.98 / 3.91 mm
Brightness	800 / 1,000 nits
Weight per Cabinet	12.0 kg / 26.5 lbs
Serviceability	Front or Rear
IP Rating	IP5X



Vivid Color Expression Powered by HDR

The LSBC can deliver content in rich, vivid colors thanks to HDR (HDR10, HDR10 Pro*) support that provides a wider color spectrum and greater contrast ratio, immersing viewers with captivating images.

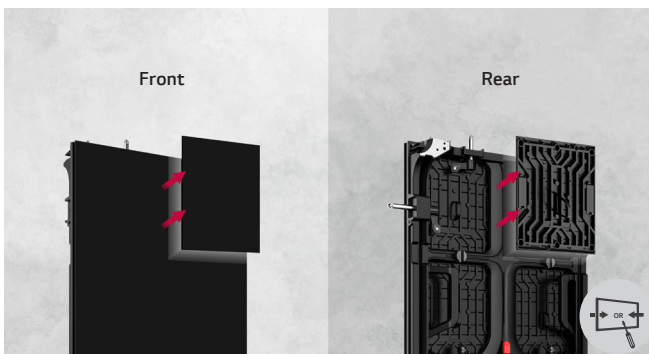
* HDR10 Pro is LG's HDR solution to process HDR signals by using enhanced dynamic tone mapping.



90° Corner Design Available

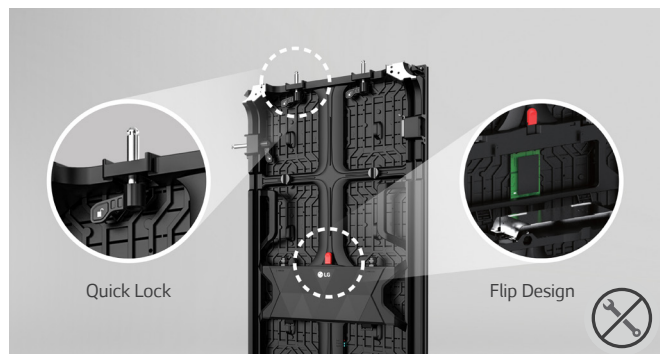
The LSBC quick install series offers an optional 90° corner configuration which can add dramatic impact to existing environments, delivering smooth, dynamic content to viewers.

* Corner option is available as an add-on at no additional cost and should be identified on the initial ordering form.



Front or Rear Installation & Maintenance

The LSBC quick install series cabinets can be accessed from the front or rear for maintenance for added convenience and enhanced installation options.



Quick Latch & Flip Design

An ingenious quick-latch system makes installation a breeze and helps maintain outstanding alignment. The flip design makes simplifies repair and replacement of the integrated power system and reception card.



Compatibility with LG Software Solutions

Thanks to LG's high-performance system controller, the LSBC quick install series is compatible with a wide variety of LG software solutions, including SuperSign CMS, LED Assistant, and ConnectedCare, all designed to assist users with their business operations.

*The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.
 *The items that can be monitored by LG ConnectedCare : Main Board (Temp, Signal Status, FPGA Ver, Ethernet Connection Status), Receiving Card (Temp, LED Power)

SPECIFICATIONS

		LSBC019-GD	LSBC026-GD	LSBC029-GD	LSBC039-GD
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch	1.953 mm	2.604 mm	2.976 mm	3.906 mm
	Module Resolution (W x H)	128 x 128 pixels	96 x 96 pixels	84 x 84 pixels	64 x 64 pixels
	Module Dimensions (W x H)	250 x 250 mm / 9.8 x 9.8 in	250 x 250 mm / 9.8 x 9.8 in	250 x 250 mm / 9.8 x 9.8 in	250 x 250 mm / 9.8 x 9.8 in
	Weight per Module	0.70 kg / 1.5 lbs	0.70 kg / 1.5 lbs	0.70 kg / 1.5 lbs	0.70 kg / 1.5 lbs
	No. of Modules per Cabinet (W x H)	2 x 4	2 x 4	2 x 4	2 x 4
	Unit Case Resolution (W x H)	256 x 512 pixels	192 x 384 pixels	168 x 336 pixels	128 x 256 pixels
	Unit Case Dimensions (W x H x D)	500 x 1000 x 68 mm / 19.7 x 39.4 x 2.7 in	500 x 1000 x 68 mm / 19.7 x 39.4 x 2.7 in	500 x 1000 x 68 mm / 19.7 x 39.4 x 2.7 in	500 x 1000 x 68 mm / 19.7 x 39.4 x 2.7 in
	Unit Case Surface Area (m ²)	0.500 m ² / 5.4 ft ²	0.500 m ² / 5.4 ft ²	0.500 m ² / 5.4 ft ²	0.500 m ² / 5.4 ft ²
	Weight per Cabinet	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs	12.0 kg / 26.5 lbs
	Weight per Square Meter	24.0 kg/m ² / 4.9 lbs/ft ²	24.0 kg/m ² / 4.9 lbs/ft ²	24.0 kg/m ² / 4.9 lbs/ft ²	24.0 kg/m ² / 4.9 lbs/ft ²
	Physical Pixel Density	262,144 pixels/m ² 2,821,695 pixels/ft ²	147,456 pixels/m ² 1,587,203 pixels/ft ²	112,896 pixels/m ² 1,215,202 pixels/ft ²	65,536 pixels/m ² 705,424 pixels/ft ²
	Flatness of Cabinet	0.5 mm	0.5 mm	0.5 mm	0.5 mm
	Cabinet Material	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum
	Service Access	Front or Rear (select one only)	Front or Rear (select one only)	Front or Rear (select one only)	Front or Rear (select one only)
OPTICAL SPECIFICATIONS	Max Brightness (After Calibration)	800 nits	1000 nits	1000 nits	1000 nits
	Color Temperature (K)	3200~9300	3200~9300	3200~9300	3200~9300
	Visual Viewing Angle (Horizontal)	160°	160°	160°	160°
	Visual Viewing Angle (Vertical)	140°	140°	140°	140°
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
	Contrast Ratio	5,000:1	5,000:1	5,000:1	5,000:1
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)
ELECTRICAL SPECIFICATIONS	Max Power Consumption	300 W/Cabinet	300 W/Cabinet	300 W/Cabinet	300 W/Cabinet
	Avg. Power Consumption	100 W/Cabinet	100 W/Cabinet	100 W/Cabinet	100 W/Cabinet
	Max Power Consumption per Unit Area	600 W/m ²	600 W/m ²	600 W/m ²	600 W/m ²
	Max Heat Dissipation	1024 BTU/h/Cabinet	1024 BTU/h/Cabinet	1024 BTU/h/Cabinet	1024 BTU/h/Cabinet
	Avg. Heat Dissipation	341 BTU/h/Cabinet	341 BTU/h/Cabinet	341 BTU/h/Cabinet	396 BTU/h/Cabinet
	Max Heat Dissipation per Unit Area	2047 BTU/h/m ²	2047 BTU/h/m ²	2047 BTU/h/m ²	2047 BTU/h/m ²
	Power Supply	100 to 240 V	100 to 240 V	100 to 240 V	100 to 240 V
	Frame Rate	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
	Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz
OPERATION SPECIFICATIONS	LED Lifetime (Half brightness)	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
	Operating Temperature	-20° to 40°C / -4° to 104°F	-20° to 40°C / -4° to 104°F	-20° to 40°C / -4° to 104°F	-20° to 40°C / -4° to 104°F
	Operating Humidity	10-90%RH	10-90%RH	10-90%RH	10-90%RH
	IP Rating Front	IP5X	IP5X	IP5X	IP5X
	IP Rating Rear	IP5X	IP5X	IP5X	IP5X
REGULATORY & CERTIFICATIONS	FCC / CE / TUV / RoHS / REACH / WEEE	FCC / CE / TUV / RoHS / REACH / WEEE	FCC / CE / TUV / RoHS / REACH / WEEE	FCC / CE / TUV / RoHS / REACH / WEEE	
CONTROLLER	CVBA	CVBA	CVBA	CVBA	
90 DEGREE CORNER CUT AVAILABLE	Yes	Yes	Yes	Yes	

CONTROLLER SPECIFICATIONS

		LCLY006HD	LCLY006	CVBA
MAX OUTPUT RANGE	Loading Capacity	1920 x 1200 @ 60Hz	1920 x 1200 @ 60Hz	3840 x 2160 @ 60Hz
	Max Width	4096 pixels	3840 pixels	-
	Max Height	2560 pixels	2560 pixels	-
	Output Resolution	2.304 Million Pixels	2.304 Million Pixels	8.2944 Million Pixels
INPUT	HDMI	HDMI 1.4	HDMI 1.3	HDMI 2.0
	HDCP	HDCP 1.4	HDCP 1.4	HDCP 2.2
	DP	No	No	DP 1.2 / HDCP 2.2
	DVI	Yes	Yes	No
	OPS	No	No	Yes
OUTPUT	HDMI	Yes (LOOP)	No / Yes (LOOP)	No
	Ethernet (To LED Screen)	Yes (4-channel)	Yes (4-channel)	Yes (16-channel)
CONTROL	LAN	No	No	Yes
	USB	Yes	Yes	No
	RS-232C	No	No	Yes (LOOP)
SENSOR	Ambient Light	Yes	Yes	No
	Temperature	No	No	Yes
VIDEO PROCESSING	Brightness Adjustment	Yes	Yes	Yes
	Chroma Adjustment	Yes	Yes	Yes
	Improved Grayscale at Low Brightness	Yes	No	Yes
	Scaling	No	No	Yes
	HDR	No	No	HDR10 Pro
	EDID Custom	Yes	Yes	No
APPLICATION	CMS	No	No	SuperSign CMS
	webOS API	No	No	Yes
	LG ConnectedCare	No	No	Yes
	Configuration SW	Leadshow 5G Control Manager 4k	NovaLCT	LED Assistant
MECHANICAL	Size (W x H x D)	19.0 x 1.7 x 10.3 in / 482.6 x 44 x 262 mm	19.0 x 1.7 x 9.8 in / 482 x 44.4 x 250 mm	17.4 x 2.5 x 12.1 in / 443 x 63 x 307.5 mm
	Weight	5.5 lbs / 2.5 kg	7.9 lbs / 3.6 kg	10.8 lbs / 4.9 kg