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

Window Facing Display LWBC

High Brightness
Window Facing LED Display

☀ **3,500nit** High Brightness	**Slim Bezel**
Long-lasting High Performance	**Quick Lock & Flip Design**
Front or Rear Serviceability	**Compatibility with LG Software Solutions**

	LWBC
Pixel Pitch	2.60 / 2.98 / 3.91 mm
Brightness	3,500 nit
Weight per Cabinet	12.0 kg/Cabinet
Serviceability	Front or Rear
IP Rating	IP5X

High Visibility Under the Sunlight

With a great brightness of 3,500nit, LWBC clearly deliver contents and attract public attention, which is the ultimate display for outdoor visibility.
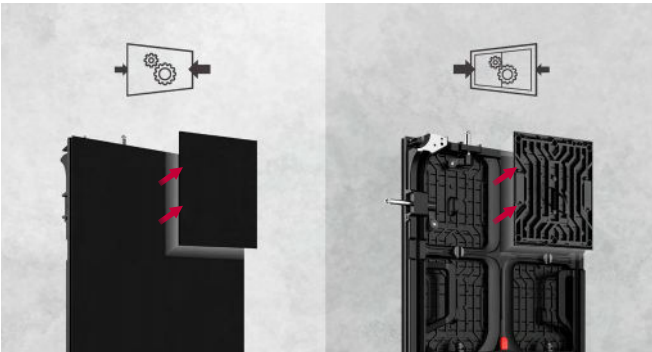

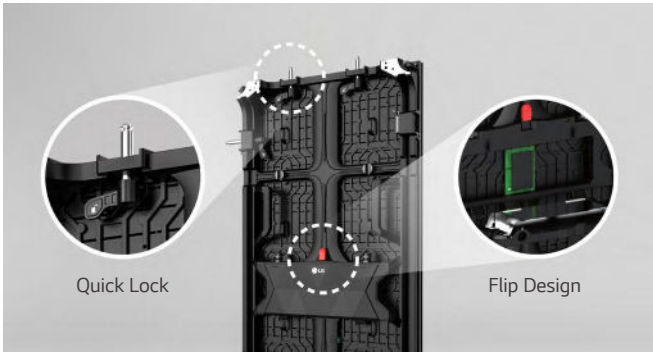Conventional | 90° Corner Option Applied

90° Corner Design Available

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

Front or Rear Installation & Maintenance

Easy access to front or rear cabinet for maintenance.

Quick Lock | Flip Design

Quick Lock & Flip Design

Easy installation with quick lock system and maintains an outstanding alignment. Also the flip design makes easy repair and replace of integrated power system and reception card.

Compatibility with LG Software Solutions

Powered by LG's high performance system controller, the LWBC series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers operate their own business flawlessly.

* 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)
* Actual GUI may vary in different webOS versions.

SPECIFICATIONS

		LWBC026-GD	LWBC029-GD	LWBC039-GD
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	2.604	2.976	3.906
	Module Resolution (W × H)	96 × 96	84 × 84	64 × 64
	Module Dimensions (W × H, mm)	250 × 250	250 × 250	250 × 250
	Weight per Module (kg, ±0.003 kg)	0.70	0.70	0.70
	No. of Modules per Cabinet (W × H)	2 × 4	2 × 4	2 × 4
	Cabinet Resolution (W × H)	192 × 384	168 × 336	128 × 256
	Cabinet Dimensions (W × H × D, mm)	500 × 1,000 × 68	500 × 1,000 × 68	500 × 1,000 × 68
	Cabinet Surface Area (m²)	0.500	0.500	0.500
	Weight per Cabinet (kg/Cabinet)	12.0	12.0	12.0
	Weight per Square Meter (kg/m²)	24.0	24.0	24.0
	Physical Pixel Density (pixels/m²)	147,456	112,896	65,536
	Flatness of Cabinet (mm)	0.5	0.5	0.5
	Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
	Service Access	Front or Rear	Front or Rear	Front or Rear
Optical Specifications	Max Brightness (After Calibration, nit)	3,500	3,500	3,500
	Color Temperature (K)	3,200-9,300	3,200-9,300	3,200-9,300
	Visual Viewing Angle (H × V)	160 × 140	160 × 140	160 × 140
	Brightness Uniformity	97%	97%	97%
	Color Uniformity	±0.003 Cx,Cy	±0.003 Cx,Cy	±0.003 Cx,Cy
	Contrast Ratio (Typ.)	5,000	5,000	5,000
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	300	300	300
	Power Consumption (W/Cabinet, Avg.)	100	100	100
	Power Consumption (W/m², Max.)	600	600	600
	Power Consumption (BTU/Cabinet, Max.)	1,024	1,024	1,024
	Power Consumption (BTU/Cabinet, Avg.)	341	341	341
	Power Consumption (BTU/m², Max.)	2,047	2,047	2,047
	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 (Half Brightness)	100,000	100,000	100,000
	Operating Temperature (°C)	-20 to +40	-20 to +40	-20 to +40
	Operating Humidity	10-90% RH	10-90% RH	10-90% RH
	IP Rating Front / Rear	IP5X / IP5X	IP5X / IP5X	IP5X / IP5X

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

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