S/S COLLECTIONS NEW RELEASED

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

INDOOR LG LED SIGNAGE

LAC Curved Series

The LAC Curved series supports both concave and convex curved formats. It is highly flexible, ultra-thin, super-light and features full black LED.

LG | Business Solutions

Design Flexibility
With a truly curved design, each unit case can be flexibly adjusted up to 20° with 5 angles.

IP30 Secured Design
This IP30-rated product offers outstanding durability and ingress protection.

Attachable Power and Control Modules
Power and control modules attached to the unit cases can be removed easily to fix potential problems.

Simple Magnetic Connection
Magnetic connection is applied for fastening and easy service with positioning pin between two units.

Front or Rear Serviceability
For easy installation and maintenance, we provide front or rear access.

1,200nit High Brightness
The product effectively delivers your message to audiences with high-brightness even in a large venue.

Uniform Picture Quality with Accurate Colors
Our strictly managed production enables us to provide seamless content and vivid colors without distortion.
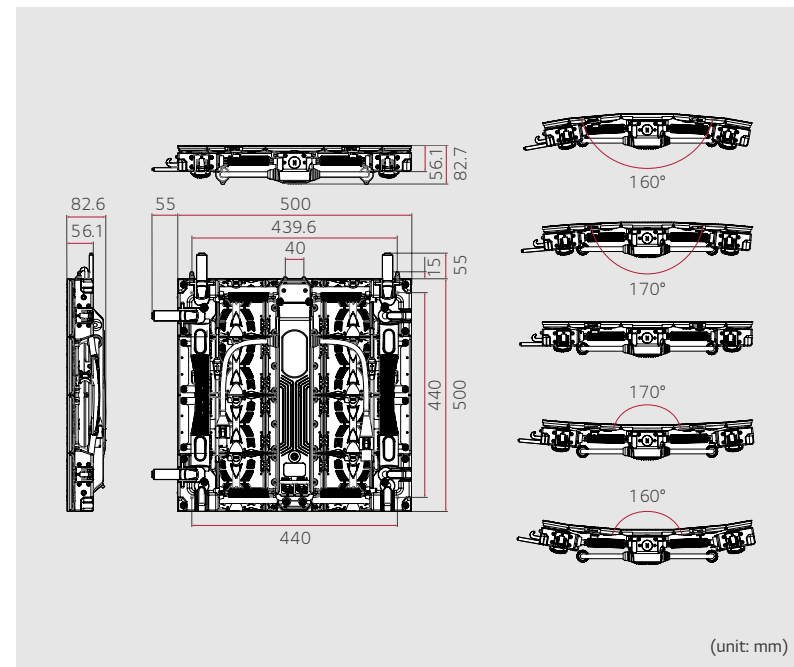
RoHS Certified Safe Product
With RoHS certified, all LG LED signage models are eco-friendly while not using harmful materials.

Panel		LAC025DD4	LAC029DD4	LAC039DD4
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	2.50	2.97	3.91
	Module Resolution (WxH)	200 × 50	168 × 42	128 × 32
	Module Dimensions (WxH, mm)	500 × 125	500 × 125	500 × 125
	Weight per Module (kg)	1.00	1.00	1.00
	No. of Modules per Cabinet (WxH)	1 × 4	1 × 4	1 × 4
	Cabinet Resolution (WxH)	200 × 200	168 × 168	128 × 128
	Cabinet Dimensions (WxHxD, mm)	500 × 500 × 84	500 × 500 × 84	500 × 500 × 84
	Cabinet Surface Area (m²)	0.250	0.250	0.250
	Weight per Cabinet (kg/Cabinet)	8.9	8.9	8.9
	Weight per Square Meter (kg/m²)	35.6	35.6	35.6
	Physical Pixel Density (pixels/m²)	160,000	112,896	65,536
	Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
	Service Access	Rear	Front or Rear (One Option Only)	Front or Rear (One Option Only)
Optical Specifications	Min. Brightness (After Calibration)	1,200cd/m²	1,200cd/m²	1,200cd/m²
	Color Temperature	3,500 ~ 9,000	3,500 ~ 9,000	3,500 ~ 9,000
	Visual Viewing Angle (H×V)	160 × 160	160 × 160	160 × 160
	Brightness Uniformity	97%	97%	97%
	Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,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/m², Max.)	600	600	600
	Power Consumption (BTU/h/Cabinet, Max.)	512	512	512
	Power Consumption (BTU/h/Cabinet, Avg.)	171	171	171
	Power Consumption (BTU/h/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)	1,920	1,920	3,840
Operation Specifications	Lifetime (Hours to Half Brightness)	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 / Rear	IP30	IP30	IP30
Certification		CE, FCC, ETL	CE, FCC, ETL	CE, FCC, ETL
Environment		RoHS	RoHS	RoHS

(unit: mm)

Controller		LCIN006	LCIN008 (4K)
Input	Interface	HDMI / DVI	HDMI / DVI / DP
	Resolution	1,920x1,200@60Hz	3,840x2,160@60Hz
	EDID Custom	Yes	Yes
Output	Signal	Gigabit Ethernet(4ea)	Gigabit Ethernet(16ea)
	Fiber Optical	X	4ea
Control	RJ45	X	O
	USB	O	O
Electrical	Power Consumption[W]	16	30
	Power Supply[V]	AC 100~240V	AC 100~240V
Mechanical	Size[mm]	482.6(W)x250(D)x44.45(H) →EIA Standard Rack(1U)	482.6(W)x372(D)x96(H) →EIA Standard Rack(3U)
	Weight[Kg]	2.9	4.6
Feature	Signal Redundancy	Yes	Yes
	HDR10	X	O

* Specifications are subject to change without notice.