LG | Business Solutions

JAZZ · POP · ROCK · HIPHOP · R&B

Festival SHOW

5.7 - 5.14

* All images are for illustrative purposes only.

OUTDOOR LG LED SIGNAGE

GSCC Essential Series

Fast Assembly

Easy Maintenance

Customizable Screen Ratio

90° Corner Design Available
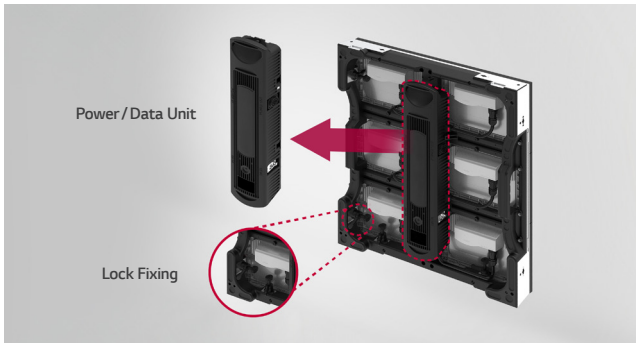
IP Rated Weatherproof Design
IP65

Front or Rear Serviceability
OR

Customizable Screen Ratio

Cabinets of the GSCC series can be assembled to configure any screen size including the 16:9, 8:9 and 4:3 screen ratio. This enables customers to customize LED Screens according to installation needs.
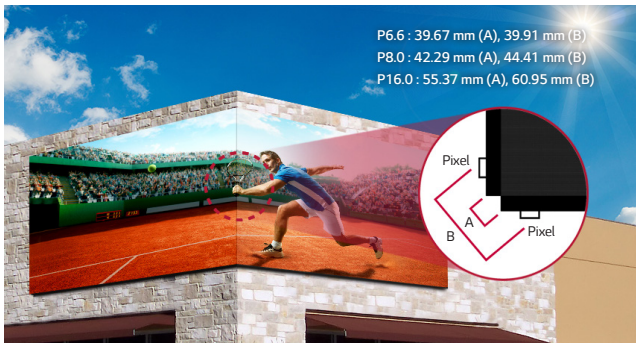

Fast Assembly and Easy Maintenance

The fast lock helps LED modules be simply set up or dismantled. Separate power and control unit design also facilitates easy maintenance.
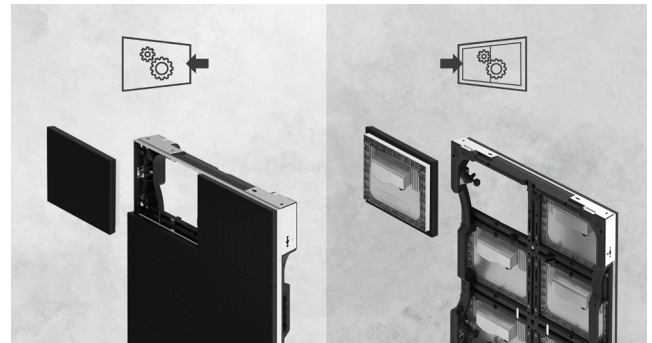
Front or Rear Serviceability

The product offers either front access or rear access, allowing customers to choose installation options according to their environment.

90° Corner Design Available

If you add a 90° corner option, the GSCC series can deliver virtually seamless content even when installed on the corners.

IP Rated Weatherproof Design

The front of the cabinet is IP65 certfied and the back is IP54 certified, allowing stable operation unaffected by weather and harmful outdoor environments.

PRODUCT INFORMATION

GSCC Series

Pixel Pitch	6.66 / 8.00 / 16.00 mm
Brightness	5,000 / 8,000 (P16) nits
Cabinet Weight	17.0 / 18.5 (P16) kg
Serviceability	Front or Rear (One Option Only)
IP Rating	IP65

DIMENSIONS

2.7" / 69mm

4.4" / 4.5" / 4.9" - 112.9 / 114.9 / 124mm
3.5" / 3.6" / 3.9" - 88.9 / 90.9 / 100mm
2.7" / 69mm

25.2" / 640mm

25.2" / 640mm

28.3" / 720mm

1.3" / 34mm   22.5" / 572mm

1.7" / 42mm

25" / 636mm
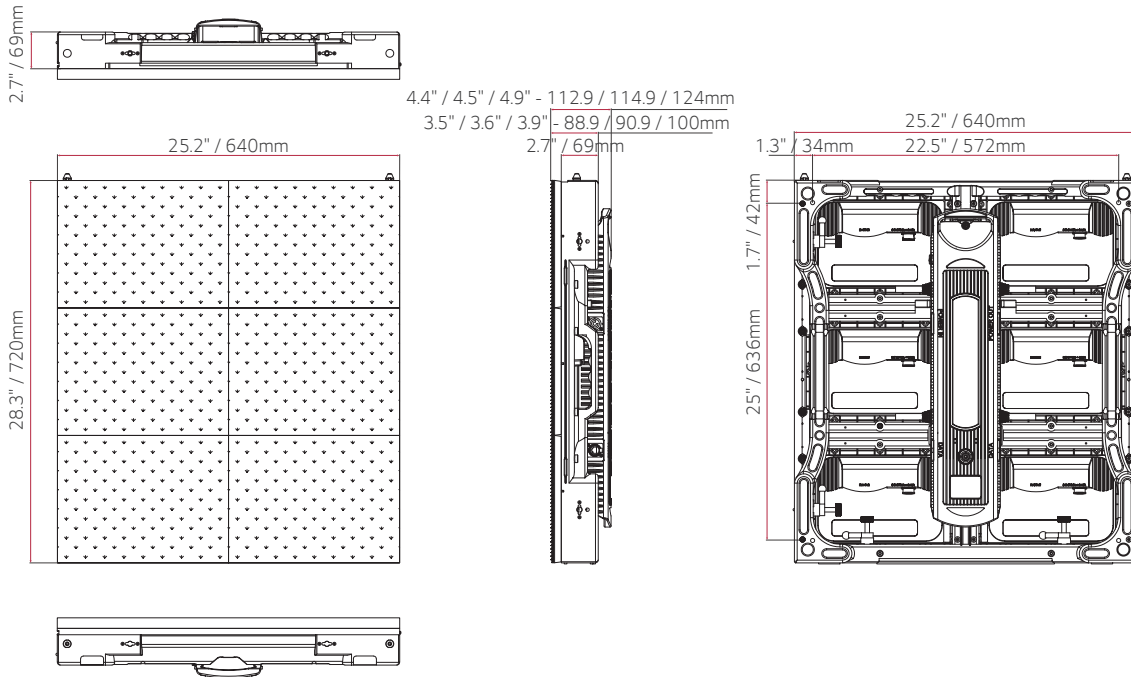
		GSCC066-GN	GSCC080-GN	GSCC160-GM
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	346 DIP
	Pixel Pitch	6.67 mm	8.00 mm	16.00 mm
	Module Resolution (W x H)	48 x 36	40 x 30	20 x 15
	Module Dimensions (W x H)	12.6 x 9.4 in 320 x 240 mm	12.6 x 9.4 in 320 x 240 mm	12.6 x 9.4 in 320 x 240 mm
	Weight per Module	2.9 lbs / 1.3 kg	2.9 lbs / 1.3 kg	3.3 lbs / 1.5 kg
	LED Package Manufacturer	Nationstar	Nationstar	Multicolor
	No. of Modules per Unit Case (W x H)	2 x 3	2 x 3	2 x 3
	Unit Case Resolution (W x H, pixels)	96 x 108	80 x 90	40 x 45
	Unit Case Dimensions (W x H x D)	25.2 x 28.3 x 4.4 in 640 x 720 x 112.9 mm	25.2 x 28.3 x 4.5 in 640 x 720 x 114.9 mm	25.2 x 28.3 x 4.9 in 640 x 720 x 124 mm
	Unit Case Surface Area	4.96 ft^2 / 0.461m^2	4.96 ft^2 / 0.461m^2	4.96 ft^2 / 0.461m^2
	Weight per Unit Case	37.5 lbs / 17 kg	37.5 lbs / 17 kg	40.8 lbs / 18.5 kg
	Weight per Square Meter	7.6 lb/ft2 / 36.9 kg/m^2	7.6 lb/ft2 / 36.9 kg/m^2	8.21 lb/ft2 / 40.1 kg/m^2
	Physical Pixel Density (pixels/m^2)	2,091 pixels/ft^2 | 22,500 pixels/m^2	1,452 pixels/ft^2 | 15,625 pixels/m^2	363 pixels/ft^2 | 3,906 pixels/m^2
	Flatness of Unit Case (mm)	±0.5	±0.5	±0.5
	Unit Case material	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)
OPTICAL SPECIFICATIONS	Min. Brightness (After Calibration)	5,000 nits	5,000 nits	8,000 nits
	Color Temperature	3,500 to 9,000 K	3,500 to 9,000 K	3,500 to 9,000 K
	Visual Viewing Angle (Horizontal)	160°	160°	160°
	Visual Viewing Angle (Vertical)	120°	115°	125°
	Brightness Uniformity	97%	97%	97%
	Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
	Contrast Ratio	5,000	6,700	20,000
	Processing Depth	14 bit	14 bit	14 bit
ELECTRICAL SPECIFICATIONS	Max Power Consumption per Unit	330 W	330 W	330 W
	Average Power Consumption per Unit	110 W	110 W	110 W
	Max Power Consumption per Unit Area	720 W/m^2	720 W/m^2	720 W/m^2
	Max Power Consumption per Unit	1126 BTU	1126 BTU	1126 BTU
	Average Power Consumption per Unit	375 BTU	375 BTU	375 BTU
	Max Power Consumption per Unit Area	2,457 BTU/m^2	2,457 BTU/m^2	2,457 BTU/m^2
	Power Supply	100 to 240 Vac	100 to 240 Vac	100 to 240 Vac
	Frame Rate	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
	Refresh Rate	3840 Hz	3841 Hz	3842 Hz
OPERATION SPECIFICATIONS	LED Lifetime (Half brightness)	100,000 hrs	100,000 hrs	100,000 hrs
	Operating Temperature	-4°F to 122°F / -20°C to +50°C	-4°F to 122°F / -20°C to +50°C	-4°F to 122°F / -20°C to +50°C
	Operating Humidity	10-99%RH	10-99%RH	10-99%RH
	IP rating Front	IP65	IP65	IP65
	IP rating Rear	IP54	IP54	IP54
CERTIFICATIONS	FCC (Regulatory)	Yes	Yes	Yes
	CE (Regulatory)	Yes	Yes	Yes
	ETL (Safety)	Yes	Yes	Yes
	RoHS (Environmental)	Yes	Yes	Yes
CONTROLLER		LCIN006	LCIN006	LCIN006
90 DEGREE CORNER CUT		No	No	Yes

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