



* All images are for illustrative purposes only.

Outdoor LED GSPC Series

Outdoor Signage for Short-Range Impact

Deliver Detailed Information at Eye-Level.



A Variety of
Cabinet Sizes



90° Degree
Corner Cut Design



Eye-level Pitch
for Outdoor



Easy Installation
and Maintenance



Compatibility with
LG Software Solutions

GSPC

Pixel Pitch	2.98 mm
Brightness	5,500 nits
Service Access	Front and Rear
IP Rating Front / Rear	IP66

Life's Good.



Eye-level Pitch for Outdoor

Unlike traditional large-scale screens that are typically installed at a height for visibility, the GSPC series features a low pixel pitch of 2.98 mm, allowing for installation at eye level and enabling clear image display even on smaller screens.



Enhanced Energy Efficiency

Compared to LG's traditional model, power consumption has decreased by more than 27%*, based on the same brightness. This means that operating costs can be significantly reduced.

* Power consumption improvement is compared to the LG GSCF026-GP model.

* Test Information Details ⁽¹⁾ Testing Institution: LGE Internal, ⁽²⁾ Testing Criteria: Power consumption measured while operating at 5,500 nits brightness (full white, after calibration), ⁽³⁾ Model Names: GSPC029-GA, GSCF026-GP, ⁽⁴⁾ Test Results: Each below 520 W/sqm, below 720 W/sqm

* Actual results may vary depending on the use environment.



Flexible Installation

The GSPC series offers three sizes of cabinets, allowing for a screen size configuration that perfectly meets customer demands. Both side-cut cabinets can also be used as described. The GSPC series integrates seamlessly into the installation place and clear content to customers.



Compatibility with LG Software Solutions

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

* 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. * LG Software solutions needs to be purchased separately.

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SPECIFICATIONS

Specifications		GSPC029
Physical Parameters	Pixel Configuration	3 in 1 SMD
	Pixel Pitch (mm)	2.98
	Module Resolution (W x H)	84 x 84
	Module Dimensions (W x H, mm)	250 x 250
	Weight per Module (kg)	1
	No. of Modules per Cabinet (W x H)	2 x 4
	Cabinet Resolution (W x H)	168 x 336
	Cabinet Dimensions (W x H x D, mm)	500 x 1000 x 68
	Cabinet Surface Area (m ²)	0.5
	Weight per Cabinet (kg / unit)	16
	Weight per Square Meter (kg / m ²)	32
	Physical Pixel Density (pixels / m ²)	112,896
	Flatness of Cabinet (mm)	±0.2
	Cabinet material	Aluminum
	Service access	Front and Rear
Optical Specifications	Max Brightness (After Calibration, nit)	5,500
	Color Temperature (K)	3200 - 9300
	Visual Viewing Angle (Horizontal)	160
	Visual Viewing Angle (Vertical)	140
	Brightness Uniformity (%)	97
	Color Uniformity	±0.003Cx, Cy
	Contrast Ratio	10,000:1
	Depth (bit) Processing Depth (bit) Processing Depth (bit)	14 (HDR10, HDR10 Pro)
	Max. Brightness (After Calibration)	5500 nits
	Color Temperature	3200-9300 k
Electrical Specifications	Power Consumption (W / Cabinet, Max.)	260
	Power Consumption (W / Cabinet, Avg.)	87
	Power Consumption (W / m ² , Max.)	520
	Heat Dissipation (BTU / h / Cabinet, Max.)	887
	Heat Dissipation (BTU / h / Cabinet, Avg.)	297
	Heat Dissipation (BTU / h / m ² , Max.)	1,774
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
	Refresh Rate (Hz)	3,840
Operation Specifications	Operating Temperature (°C)	-30 °C to +50 °C
	Operating Humidity	10~90% RH
	IP rating Front	IP66
	IP rating Rear	IP66
	LED Lifetime (Half brightness)	100,000
Standard	Certification	CE, CB, ETL, FCC,
Environment	Environment	RoHS, REACH
Controller	Controller	CVGA

Creative Visualization

*Product Images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Color/shades may vary due to printing restrictions. E&OE.



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