



LG LED All-in-One - LAAA015-G3

LAAA015-G3

Key Features

- Pixel Pitch : 1.56 mm
- Screen Size: 136" (Full HD)
- Brightness (After Calibration) : 500 nit / 1,000 nit (Peak.)
- Achieving Deep Black
- Intelligent Processor
- Embedded System Controller and Built-in Speaker



All Spec

PHYSICAL PARAMETERS

Pixel Configuration	Pixel Pitch (mm)
Micro	1.56
Module Dimensions(WxH,mm)	No. of Modules per Screen (WxH)
300x112.5	10x15 (Total 150)
Screen Resolution (WxH)	Screen Dimensions (W x H x D, mm, including bezel)
1,920x1,080	3,005x1,742x54.9 (Thickest 57.4)
Screen Surface Area (㎡)	Weight of the screen
5.06	190
Physical Pixel Density (pixels/㎡)	Flatness of Cabinet (mm)
409,600	±0.2
Cabinet material	Service access
Steel	Front

OPTICAL SPECIFICATIONS

Max. Brightness (After Calibration)	Color Temperature
500 / Peak 1,500	3,200~9,300
Visual Viewing Angle (Horizontal)	Visual Viewing Angle (Vertical)
160	160
Brightness Uniformity(%)	Color Uniformity
95%	±0.015Cx,Cy
Contrast Ratio	Processing Depth (bit)
40,000:1 @10lux	20 (HDR10, HDR10 Pro)

ELECTRICAL SPECIFICATIONS

Power Consumption (W/Screen, Max.)	Power Consumption (W/Screen, Avg.)
1,050	500
Power Consumption (W/㎡, Max.)	Heat Dissipation (BTU/h/Screen, Max.)

208

3,583

Heat Dissipation (BTU/h/Screen, Avg.)

Heat Dissipation (BTU/h/m², Max.)

1,706

710

Power Supply (V)

Frame Rate (Hz)

100 to 240

50 / 60

Refresh Rate (Hz)

3,840

OPERATION SPECIFICATIONS

LED Lifetime (Half brightness)

Operating Temperature(°C)

100,000

0°C to +40°C

Operating Humidity

IP rating Front

10~80%RH

IP50

IP rating Rear

IP20

STANDARD

Certification

"Safety 62368-1 / 60950-1 EMC Class A"

SPEAKER

Speaker

Built-in(10W+10W)

ENVIRONMENT

Environment

RoHS

CONTROLLER

Controller

Embedded(webOS)

I/O PORT

I/O Port

HDMI(3), DP(1), USB, LAN,
RS232C In/Out, IR,
Optical Digital Audio Out

COMPLIANCE INFORMATION



UK DoC(LAAA015-G3)



 [GPSR Safety Information\(LAAA015-G3\)](#)



MORE COMPLIANCE INFORMATION >

- The safety information for accessories is included with the safety information for the product and is not provided separately.