

LG 345.44 cm (136) All-in-One LED Display

LAEC015

Key Features

- Pixel Pitch: 1.56 mm
- Screen Size: 345.44cm (136) (Full HD)
- Brightness: 500 nit
- Embedded System Controller
- Built-in Speaker
- Dedicated Accessories : Wall Mount, Motorized Stand (Optional)



All Spec

PHYSICAL PARAMETERS

Pixel Configuration	Pixel Pitch (mm)
3 in 1 SMD	1.56
Screen Resolution	Module Dimensions (WxH,mm)
1,920 x 1,080	250 x 281.25
No. of Modules per Screen (WxH)	Screen Dimensions (W x H x D, mm, including bezel)
12 x 6 (Total 72)	3,004.6 x 1692.1 x 36.5 (Thickest 70)
Screen Surface Area (m²)	Weight of the screen
5.06	129
Physical Pixel Density (pixels/m²)	Flatness of Unit Case (mm)
409,600	±0.2
Unit Case material	Service access
Aluminum	Front

OPTICAL SPECIFICATIONS

Min. Brightness (After Calibration)	Color Temperature
500	7300K
Visual Viewing Angle (H x V)	Brightness Uniformity
160° x 160°	98%
Color Uniformity	Contrast Ratio
±0.015Cx,Cy	3000:1
Processing Depth (bit)	
16	

ELECTRICAL SPECIFICATIONS

Power Consumption (W/Screen, Max.)	Power Consumption (W/Screen, Avg.)
2,000	800
Power Consumption (W/m², Max.)	Power Consumption (BTU/h/Screen, Max.)

395

Power Consumption (BTU/h/Screen, Avg.)

2,730

Power Supply (V)

100 to 240

Refresh Rate (Hz)

≥2880

6,824

Power Consumption (BTU/h/m², Max.)

1,348

Frame Rate (Hz)

50 / 60

OPERATION SPECIFICATIONS

I/O Port	LED Lifetime (Half brightness)
HDMI(3), DP(1), USB, LAN, RS232C In/Out, IR, SPDIF	100,000
Operating Temperature(℃)	Operating Humidity
0℃ to +40℃	<90%RH (without condensation)
IP rating Front	IP rating Rear
IP30	IP20
Speaker	Certification
Built-in (9W+9W)	CE,FCC,ETL,CB
Environment	Controller
RoHS, REACH	Embedded