

Specifications

	Model Name	LBS060DA1	LBS080DA1	LBS090DA1	LBS100DA1	LBS120DA1	LBS160DA1
	Pitch Name	P6	P8	P9	P10	P12	P16
PHYSICAL PARAMETERS	Pixel Pitch (mm)	6.0	8.0	9.14	10.67	12.0	16.0
	Pixel Configuraiton	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
	Module Resolution (W x H)	32 x 32	24 x 24	56 x 56	18 x 18	16 x 16	12 x 12
	Module Dimensions (W x H, mm)	192 x 192	192 x 192	512 x 512	192 x 192	192 x 192	192 x 192
	Weight per Module (kg)	0.540	0.570	7.000	0.560	0.560	0.560
	No. of Modules per Cabinet (W x H)	4 x 6	4 x 6	1 x 1	4 x 6	4 x 6	4 x 6
	Cabinet Resolution (W x H)	128 x 192	96 x 144	56 x 56	72 x 108	64 x 96	48 x 72
	Cabinet Dimensions (W x H, mm)	768 x 1,152	768 x 1,152	512 x 512	768 x 1,152	768 x 1,152	768 x 1,152
	Cabinet Surface Area (m²)	0.8847	0.8847	0.2620	0.8853	0.8847	0.8847
	Weight (kg/m²)	41	43	27	43	43	43
OPTICAL SPECIFICATIONS	Service access	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear
	Standard Brightness (After Calibration)	6,000	6,000	6,000	6,000	6,000	6,000
	Color Temperature	6,500	6,500	6,500	6,500	6,500	6,500
	Viewing Angle (Horizontal)	140	140	140	140	140	160
	Viewing Angle (Vertical)	90 (+45/-45)	90 (+45/-45)	100 (+45/-55)	110 (+55/-55)	100 (+50/-50)	90 (+40/-50)
ELECTRICAL SPECIFICATIONS	Contrast Ratio	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1
	Power Consumption (W/m², Max.)	678	791	802	892	735	814
	Power Consumption (W/m², Avg.)	203	237	240	268	220	244
	Power Supply	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	4,000	4,000	4,000	4,000	4,000	4,000
OPERATION SPECIFICATIONS	Lifetime (Half Brightness)	100,000	100,000	100,000	100,000	100,000	100,000
	Operating Temperature	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C
	IP rating Rear	IP54	IP54	IP65	IP54	IP54	IP54
CERTIFICATION		FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC

	Model Name	LBS160VA1	LBS200VA1	LBF200VA1	LBF200DA1	LBF100DA1	LBF160DA1
	Pitch Name	P16	P20	P20	P20	P10	P16
PHYSICAL PARAMETERS	Pixel Pitch (mm)	16.0	20.0	20.0	20.0	10.0	16.0
	Pixel Configuraiton	Oval	Oval	Oval	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
	Module Resolution (W x H)	20 x 20	16 x 16	16 x 16	12 x 12	16 x 16	12 x 12
	Module Dimensions (W x H, mm)	320 x 320	320 x 320	320 x 320	240 x 240	160 x 160	192 x 192
	Weight per Module (kg)	2.142	2.150	2.150		0.415	0.510
	No. of Modules per Cabinet (W x H)	6 x 4	6 x 4	4 x 3	4 x 4	8 x 6	8 x 5
	Cabinet Resolution (W x H)	120 x 80	96 x 64	64 x 48	48 x 48	128 x 96	96 x 60
	Cabinet Dimensions (W x H, mm)	1,920 x 1,280	1,920 x 1,280	1,280 x 960	960 x 960	1,280 x 960	1,536 x 960
	Cabinet Surface Area (m²)	2.4576	2.4576	1.2288	0.9216	1.2288	1.4746
	Weight (kg/m²)	44	44	51	60	50.0	48.5
OPTICAL SPECIFICATIONS	Service access	Front and Rear	Front or Rear	Front	Top	Rear	Rear
	Standard Brightness (After Calibration)	7,500	6,000	6,000	5,000	5,500	6,000
	Color Temperature	6,500	6,500	6,500	6,500	6,500	6,500
	Viewing Angle (Horizontal)	160	160	160	160	160	160
	Viewing Angle (Vertical)	60 (+25/-35)	60 (+25/-35)	60 (+25/-35)	90 (+30/-60)	50 (+20/-30)	90 (+35/-55)
ELECTRICAL SPECIFICATIONS	Contrast Ratio	3,000	3,000 : 1	3,000	3,000	3,000	3,000
	Power Consumption (W/m², Max.)	623	488	488	608	830	746
	Power Consumption (W/m², Avg.)	187	146	146	182	249	224
	Power Supply	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	4,000	4,000	4,000	4,000	7,000	7,000
OPERATION SPECIFICATIONS	Lifetime (Half Brightness)	100,000	100,000	100,000	100,000	100,000	100,000
	Operating Temperature	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C	-20 °C ~ 50 °C
	IP rating Rear	IP54	IP54	IP43	IP43	IP54	IP54
CERTIFICATION		FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC	FCC / CE / EMC

* LGE reserves the right to change any specifications without prior notice.



With its high brightness, enhanced durability, and global service network, LG LED Outdoor Display maximizes the effectiveness of advertisements by delivering rich, dynamic content in any outdoor environment.

Summary of Key Features

One Stop Supply & Management
One Stop Solution from LED screen, Design & Architectural Engineering to Installation & Maintenance

Systematic Project Management Support
LG's Experienced Own PMS tool (Project Schedule/Risk Management)

Signage Integrated Software Solution
- Manage Content with Different Displays (Signage + LED screen)
- Provide Mobile Management

Global Service Network
Guaranteed business sustainability and extensive global sales/service

Download LG Commercial Display Mobile App



More info www.lgecommercial.com
You Tube youtube.com/c/LGCommercialDisplay

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A Landmark Digital Viewer

Smart LED Outdoor Signage LBS Series

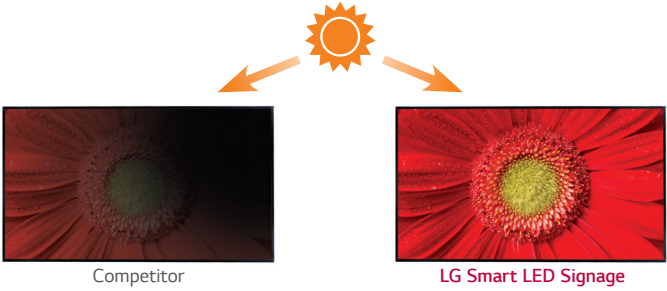
Key Features

Excellent Picture Quality



High Brightness

With its high brightness from 6,000 to 10,000 nits, the LED Outdoor display is capable of displaying excellent image quality to ensure enhanced visibility.

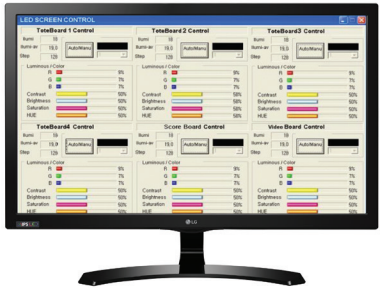


Easy Maintenance



Diagnostic System

Intelligent Diagnosis with real-time monitoring. (Error status / Brightness / Upgrade)



Easy Mobile Operation

- Content : Create image content and playlist
- Schedule : Set and modify content scheduling
- Distribution : Distribute content



Dependable Product Safety



Long Lifetime

LG LED Outdoor Signage is designed to last for over 100,000 hours, even under the hottest, coldest, and wettest conditions.



Dust/Water Protection

With IP65 certification and a conformal coating, LG LED Outdoor Signage stands out for its superior durability.



Outdoor

DOOH / Media Façade / Canopy / Shopping Mall

Enhanced waterproofing and a rigid structure, combined with high brightness and deep contrast makes LG LED Outdoor Signage exceptional.

Features

- Picture Quality & Brightness
- Easy Operation & Integrated SW
- Viewing Distance
- Long Lifetime
- Quick Service
- Maintenance (24/7)
- Dust/Water Protection



Sports (Outdoor)

Score Board / Perimeter / Banner / Ribbon Board

With its higher resolution and greater image quality, LG LED Outdoor Signage enhances off-angle viewing no matter where it's positioned.

Features

- Picture Quality
- Dust/Water Protection
- Easy Operation
- Long Lifetime
- Viewing Angle
- Quick Service

