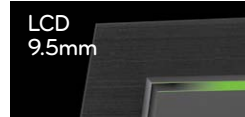# Eco-Friendly in Stylish Look
LED WIDESCREEN FULL HD DISPLAY WS10

Stylish Look & Optimized Brightness

Borderless-like Design

Half the screen depth compared other conventional display, 9.5mm vs 4.5mm, provides its stylish & premium look.

LCD 9.5mm

LED 4.6mm

Optimized Brightness for Retail

Optimal brightness for the conventional signage scene (500lux) is known as 418nit ~ 460nit. LG Signage guarantees minimum 450 nit of brightness, which means the contents on WS10 deliver in the most communicative way to the customers.

300nit

WS10 Series (450nit)
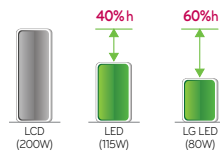
Electricity Cost Saving

Low Power Consumption

By using LGE's start of art technology, the smart energy saving, WS10 guarantees lowest energy consumption compared the other conventional LED backlight display. Also WS series meet all the environmental Regulation, ERP, Energy Star, no use of harmful materials, and is reduced CO2.

Electricity Cost Saving

Model	Power / Yr.	Elec. / Yr.	Elec. / 3Yr.
LCD (typ.)	1752kWh	$ 251	$ 753
LED (typ.)	1007kWh	$ 144	$ 432
LG LED	701kWh	$ 100	$ 300

* 24hrs/day, 14.4 cent/KW(CA@US)

40%↓   60%↓

LCD (200W)   LED (115W)   LG LED (80W)

WS SERIES

Smart Energy Saving

Reduction energy consumption by approximately 30%

OFF   Back light = 300nit   ✕   Gain = 80%

ON   Back light = 240   ✕   Gain = 100%

Auto Brightness Sensor

Screen brightness is automatically adjusted by its surrounding illumination level.

Media Player Integrated Solution

The solution integrated with media player foregoes the need for additional media players and allows you to cut down expenses.

Easy & Fast Delivery of Contents

• USB multi-media playback
• User friendly interface by using web-based management S/W SuperSign Elite-w lite

Extra cost for a media player can be saved!

WS Series

IN   USB Memory (USB Multi-media Playback)

+

Free Software (SuperSign Elite-w lite)

LG
Life's Good

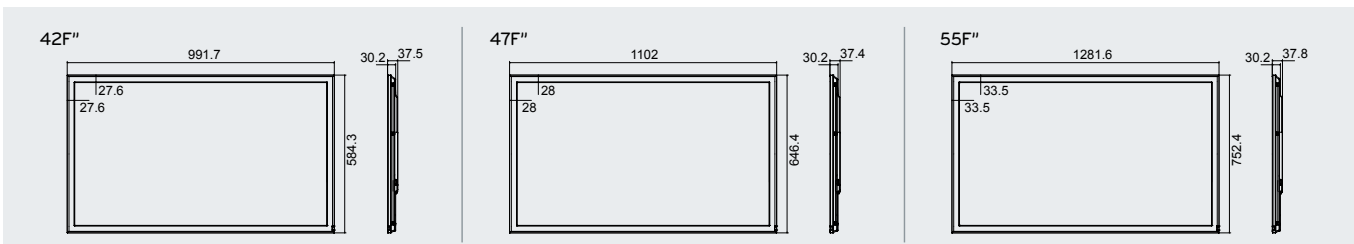# LED WIDESCREEN FULL HD DISPLAY
WS10 42F", 47F", 55F"

FEATURES

- Edge LED
- 1,920 x 1,080 (FHD)
- Optimized Brightness for Retail : 450nit
- Power Consumption

- 42F" : 115W(Typical) , 80W(Smart Energy Saving on)
- 47F" : 120W(Typical) , 85W(Smart Energy Saving on)
- 55F" : 140W(Typical) , 95W(Smart Energy Saving on)

SPECIFICATIONS

WS10

PANEL	Screen Size	42F", 47F", 55F"
	Panel Technology	IPS (LED BLU)
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Brightness	450nit
	Contrast Ratio	1,300:1
	Dynamic CR	50,000:1
	Viewing Angle(H x V)	178 x 178
	Response Time	8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear)	
	Digital	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input
	Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
	Audio	RGB/DVI-D/AV/Component(3.5Φ1)
	External Control	RS232C(1), RJ45(1)
	USB	YES(1)
	Output (Rear)	
	Digital	DVI-D(1)
	Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
	Audio	External speaker
	External Control	RS232C(1)
PHYSICAL SPECIFICATION	Bezel Width	42" : 27.6mm, 47" : 28.0mm, 55" : 33.5mm
	Monitor Dimension(W x H x D)	42" : 99.17cm x 58.43cm x 3.75cm
		47" : 110.2cm x 64.64cm x 3.74cm
		55" : 128.16cm x 75.24cm x 3.78cm
	Weight(head)	42" : 12.6kg, 47" : 17.5kg, 55" : 21.8kg
	Carton Dimensions(W x H x D)	42" : 106.9cm x 71.5cm x 10.9cm
		47" : 118.1cm x 74.5cm x 12.4cm
		55" : 135.4cm x 85.8cm x 15.9cm
	Packed Weight	42" : 15.8kg, 47" : 21.5kg, 55" : 26.8kg
	VESATM Standard Mount Interface	400mm x 400mm
SPECIAL FEATURES	Additional	Smart Energy Saving, Multi-media playback, PIP/PBP Temp Sensor, Auto Brightness Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock
ENVIRONMENT CONDITIONS	Operation Temperature	0℃ ~ 40℃
	Operation Humidity	10% ~ 80%

POWER	Power Supply	100-240V~, 50/60Hz
	Power Consumption	
	Typical /	42" : 115W (Typ) / 80W (Smart Energy Saving on)
	Smart Energy Saving	47" : 120W (Typ) / 85W (Smart Energy Saving on)
		55" : 140W (Typ) / 95W (Smart Energy Saving on)
	DPMS	1W(Set Only), 2W(With External Device)
	Power Off	0.5W
STANDARD(CERTIFICATION)	Safety	UL / cUL / CB scheme / TUV
	EMC	FCC Class "B" / VCCI / C-tick / CE / KCC
	ErP / Energy Star	Yes / Yes (Energy Star 5.1)
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional)	No
	External Media player Attachable	Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w / Elite-w lite
ACCESSORY	Included	Remote Controller, Power Cable, RGB Cable, Manual, ESG
	Optional	SP-2000 (Speaker), ST-200T (Stand)

* WOT : Within Operation Temperature
※ Image may differ slightly from actual product. Specifications are subject to change without prior notice.

INTERFACE
(42F", 47F", 55F")

DIMENSION (unit : mm)

42F"
991.7 · 30.2 · 37.5 · 27.6 · 27.6 · 584.3

47F"
1102 · 30.2 · 37.4 · 28 · 28 · 646.4

55F"
1281.6 · 30.2 · 37.8 · 33.5 · 33.5 · 752.4