



DIGISIGN

IPS Direct LED Full HD Capable Monitor

▶ 60WL30MS-D

60" class (59.5" measured diagonally)

▶ 55WL30MS-D

55" class (54.6" measured diagonally)



Features

TCO Total Cost of Ownership

The the WL30MS series are Energy Star® 6.0 compliant consuming approximately 40% less energy than non-compliant models. In standby mode, they use less than one watt of power and meet the environmental regulations such as EPA and Erp, while excluding the use of harmful materials (RoHS) and reducing CO2 emissions.

IPS In Plane Switching

Super IPS accurately display an image's quality and color at 178° ultra wide viewing angle. There is no fall-off in color accuracy and no diversion in contrast ratio at wide angles. From bright sunlight to the most challenging lighting environments these displays are designed to reproduce and maintain the ultimate color temperature for lifelike images.

Specifications

Native Display Resolution 1920 X 1080 (FHD)

High Brightness 400 cd/m² (60WL30MS-D), 350 cd/m² (55WL30MS-D)

Contrast Ratio 1,000:1 (Typ.), 500,000:1 (DCR)

178°/178° Ultra Wide Viewing Angle

Suitable for Portrait or Landscape Installation

RJ-45 LAN Control

RGB, DVI and HDMI Connection

RS-232C Control

Convenient External Speaker-Out

Energy Star® 6.0 compliant

Bezel Width 13.4mm(T/L/R), 18mm(B), 68.3mm(D) (60WL30MS-D)
13.4mm(T/L/R), 18mm(B), 82.3mm(D) (55WL30MS-D)

USB Playback

8GB Internal Storage Memory Built-in

Low Power Consumption

3-Year Limited Warranty Parts/Labor/Backlight



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NO BLACKENING DEFECT

Display has a built-in temperature control that adjusts to light and heat eliminating dark or blackened areas.



If the outdoor temperature is 86°F
the surface temperature of display is 185°F

TRUE WIDE VIEWING

Color changes and distortion are eliminated from any viewing angle.



Color change average @ 60°
Gamma change average @ 60°

PANEL STABILITY

Minimized image distortion when external pressure is applied.



IPS

Normal

Media Player Integrated Solution

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



Embedded player with 8GB
built-in USB memory



Free Software
WL30 Series (SuperSign Elite-w lite)

Portrait & Landscape

Flexible usage with landscape or portrait display according to the display environment.



Portrait

Landscape

Narrow Bezel & Slim Depth

With narrower bezel and slimmer depth than those of conventional, you can save space more efficiently with WL30.





LIFE'S GOOD...

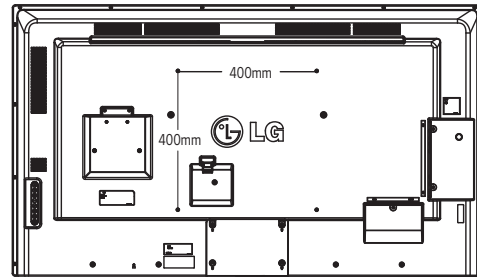
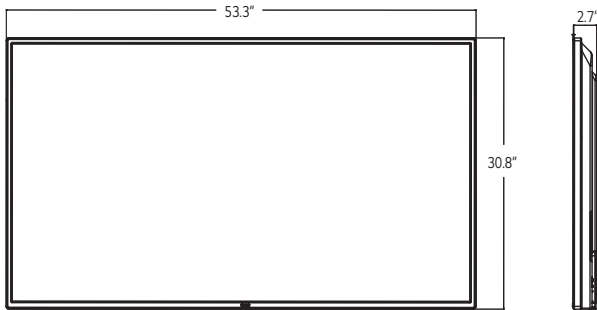
when it's green.

LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our televisions have technologies to reduce power consumption and in return increase cost savings per room.

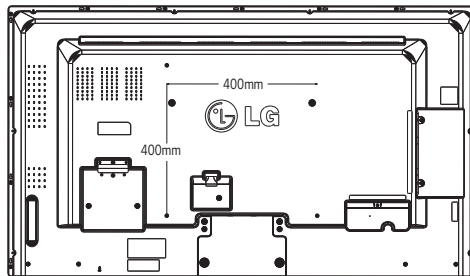
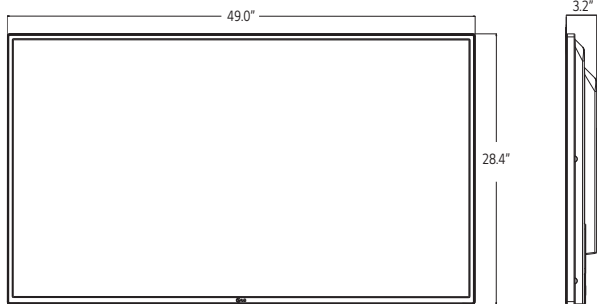
EcoSmart

- **Intelligent Sensor** - Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- **Dynamic Power Savings** - Using built-in algorithms, TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.
- **Static Power Savings** - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.
- **RoHS Compliant** - Meets directive on restriction of hazardous substances.
- **Energy Star 6.0 Qualified** - Meets current reduction requirements of energy consumption.

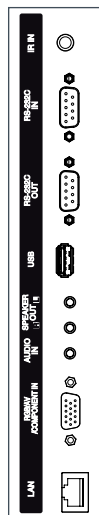
60WL30MS-D



55WL30MS-D



Rear Jack Panel



IPS Direct LED

Full HD Capable Monitor

▶ **60WL30MS-D**

60" class (59.5" measured diagonally)

▶ **55WL30MS-D**

55" class (54.6" measured diagonally)



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PANEL	Model	60WL30MS-D	55WL30MS-D	
Screen Size		60" (59.5" measured diagonally)	55" (54.6" measured diagonally)	
Panel Technology		IPS		
Aspect Ratio		16 : 9		
Native Resolution		1920 x 1080 (FHD)		
Pixels(H x V x 3)		6,220,800		
Brightness		400 cd/m ²	350 cd/m ²	
Contrast Ratio		1,000:1		
Dynamic CR		500,000 : 1		
Color gamut		68%		
Tni		110°C		
Viewing Angle		178°/178°		
Color Depth		1.06 Billion → 8bit, 16.7 Million		
Response Time		9ms (GTG BW)	8ms (GTG BW)	
Surface Treatment		Hard coating(3H), Anti-reflection treatment of the front polarizer (Haze 1%)		
Orientation		Portrait and Landscape		
VIDEO (PC)	Max Input Resolution	1920 X 1080@ 60Hz(RGB,HDMI/DVI-D,DP)		
	Recommended Resolution	1920 X 1080@ 60Hz(RGB,HDMI/DVI-D,DP)		
	H-Scanning Frequency	30kHz ~ 83kHz (RGB, HDMI/DVI-D,DP)		
	V-Scanning Frequency	50Hz ~ 75Hz (RGB), 50Hz~60Hz (HDMI/DVI-D/DP)		
	Pixel Frequency	148.5 MHz (RGB, HDMI/DVI-D,DP)		
	Sync Compatability	Separate / Composite / Digital		
	Video Input	RGB, HDMI, DVI, DP		
	Picture mode	Vivid, Standard, Cinema, Sports, Game		
	Color temperature	Warm, Medium, Cool		
	CONNECTIVITY INPUT (Rear)	Digital	HDMI(1), DVI-D(1), DP(1)	
		Analog	RGB(1)	
		Audio	RGB/DVI-D/Component(3.5Φ 1)	
External Control		RS232C(1), RJ45(1), IR(1)		
USB		Yes(1)		
HDTV Formats		Component : 720p, 1080i, 1080p HDMI : 720p, 1080i, 1080p		
OUTPUT (Rear)	Digital	DVI-D(1)		
	External Control	RS232C(1)		
AUDIO	Balance	Yes		
	Audio Power	20W(10W x 2)		
	Speaker On/Off	Yes		
	Clear Voice II	Yes		
Sound Mode		Standard, Music, Cinema, Sport, Game		
PHYSICAL SPECIFICATIONS	Color	Carbon Titan		
	Bezel Width	13.4mm(T/R/L), 18.0mm(B)		
	Monitor Dimensions (W x H x D) (head only)	53.3" x 30.8" x 2.7"	49.0" x 28.4" x 3.2"	
	Weight (head)	50.8 lbs.	39.8 lbs.	

PHYSICAL SPECIFICATIONS (CONT.)	Model	60WL30MS-D	55WL30MS-D	
Monitor Dimensions (W x H x D) W/O stand, speaker		53.3" x 30.8" x 2.7"	49.0" x 28.4" x 3.2"	
Weight (w/Optional Stand)		55.7 lbs.	44.5 lbs.	
Monitor Dimensions (W x H x D) (w/Optional Stand and Speaker)		53.3" x 33.4" x 11.7"	49.0" x 31.4" x 11.7"	
Weight (w/Optional Stand and Speaker)		57.5 lbs.	46.3 lbs.	
Carton Dimensions (W x H x D)		57.7" x 36.7" x 7.5"	53.0" x 34.3" x 7.5"	
Packed Weight		66.1 lbs.	54.0 lbs.	
VESA™ Standard Mount Interface		400mm x 400mm (M6)		
SPECIAL FEATURES	Temperature Sensor	Yes		
	Tile Mode @Natural Mode	Yes		
	Source Selection	Component, RGB, DVI-D, HDMI, USB, DP, Signage (Internal Memory)		
	Brightness/Contrast/Backlight	Yes		
	Position/Size	Yes		
	Auto Config/Phase	Yes		
	ISM Method	Normal, White Wash, Orbiter, Inversion		
	Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level		
	Time	Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby		
	Information	Model/Type, Software Version, Serial Number, IP Address, MAC Address, Homepage		
	Input Label	Yes(PC/DTV)		
	Auto Power/Source Memory	Yes		
	Key Lock	Yes		
	DPM Select	Yes		
	Energy Saving	Yes (Minimum, Medium, Maxium)		
Smart Energy Saving	Yes			
File Play with USB	Yes			
PIP/PBP	Yes			
Internal Memory	8G			
ENVIRONMENT CONDITIONS	Operation Temp.	0°C ~ 40°C		
	Operation Humidity	10% ~ 80%		
POWER	Power Supply	100 -240V~, 50/60Hz		
	Power Type	Built-In Power		
	Power Consumption	180W (Typ.)	140W (Typ.)	
		150W (Smart Energy Savings)	110W (Smart Energy Savings)	
	0.7W (DP)			
	Power off: 0.5W			
STANDARD CERTIFICATION	Safety	UL / cUL / CB scheme / TUV		
	EMC	FCC Class "A", VCCI, C-tick, CE, KCC		
	Erp/Energy Star	Yes/Yes (Energy Star 6.0)		
MEDIA PLAYER COMPATIBILITY	External Media Player Attachable	Yes (NC1100 / NA1100 / NA1000)		
SOFTWARE COMPATIBILITY	SuperSign Elite-w lite / Elite-c	Yes (Editing, Scheduling, Distribution & Play, Control) / Yes		
WARRANTY	3-Year Limited Warranty (Parts/Labor/Backlight)			
UPC		7 19192 19187 7	7 19192 19190 7	
ACCESSORIES	Included	Remote Controller (include battery 2ea), Power Cord, IR Receiver, CD (Owner's Manual, SuperSign Program / Manual), ESG, RGB Cable		
	Optional	ST-550T (Stand) SP-2000 (Speaker)		



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SPEC_WL30_Series_091329_PR



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