TARGETING GREEN
ECO-MANAGEMENT STRATEGY
A Data-Driven Approach to Sustainable Campaigns

* All images in this datasheet are for illustrative purposes only.

UHD Signage UL3Q Series

LG webOS UHD Signage

Superb Picture Quality
with Ultra HD Resolution

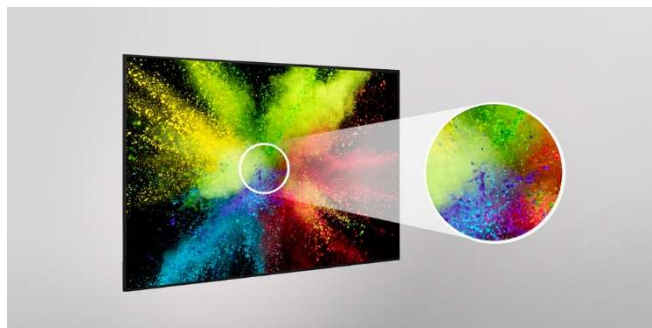**Face Up/Down**
with Tilt Support

High-Performance
with webOS 6.1

Enhanced Security

**Sustainability for
ESG**

UL3Q	
Inch	86" / 75" / 65" / 55" / 50" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	350 nit (Typ.)
Software Compatibility	LG SuperSign CMS / Control+ / WB / Cloud, Mobile CMS, LG ConnectedCare

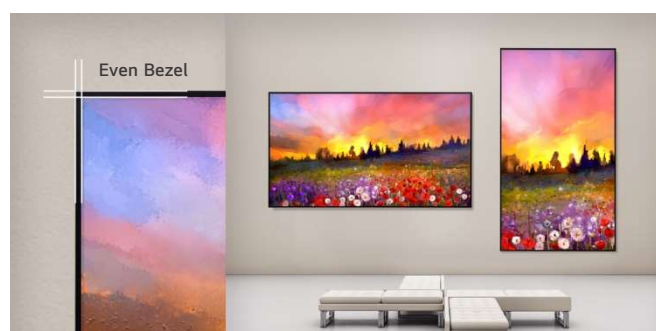## Superb Picture Quality with Ultra HD Resolution

With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle provides clear contents.

High-Performance with LG webOS 6.1

LG webOS 6.1 is available on the UL3Q series for smooth execution of multiple tasks. The LG webOS smart signage platform enhances user convenience with an intuitive GUI*.

* GUI : Graphical User Interface

Easy Installation with Uniform Bezel Design

The UL3Q series features perfectly balanced horizontal and vertical bezels, creating a visually harmonious display solution. Its specialized design simplifies installation in retail environments while delivering a truly immersive viewing experience. The sophisticated, symmetrical bezels enhance the aesthetic appeal of any space, transforming ordinary displays into elegant focal points.
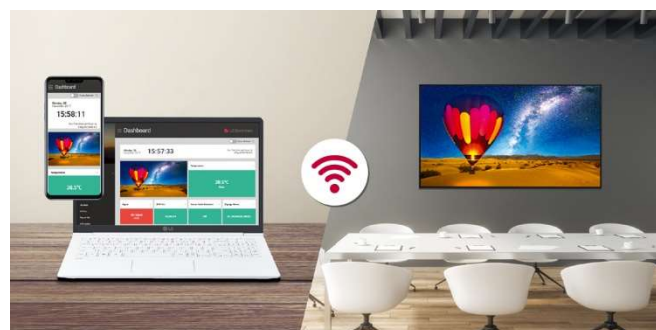

Adaptive Viewing Experience

Experience enhanced flexibility with the UL3Q's innovative Face Up/Down tilt support. Whether mounted high or low, each display can adjusted to better meet viewers at eye level, promoting maximum engagement regardless of installation height. This versatility optimizes both spatial efficiency and visual comfort, delivering clear information from various viewing angles.

* 76"/86" are not supported.
** This display tilts up/down up to 15 degrees; do not exceed this range to prevent damage.

Remote Monitoring and Control

This web-based monitoring solution is user-friendly and allows the user to be at ease. It enables the user to have full access anywhere at anytime from their mobile phone & PC under network-accessible environment while having access to both current and past data. It allows the user to monitor the unit, make adjustments and control the unit remotely in real time.
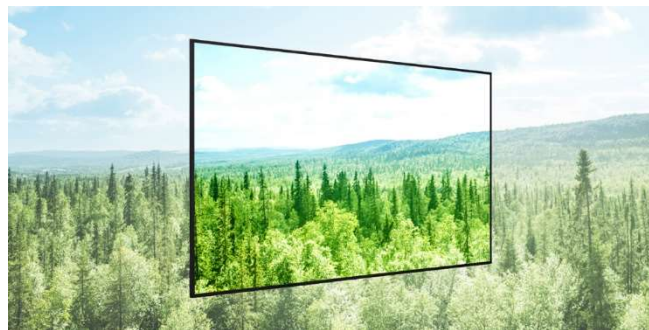

Built-In Brightness Sensor

The UL3Q's front-mounted sensor automatically adjusts brightness to match various lighting conditions, helping to optimize viewing quality and energy efficiency without manual intervention. This adaptive feature helps maintain consistent display performance while supporting power savings, delivering improved visual experience that responds to environmental changes.

* All images are for illustrative purposes only.

Advanced Security Architecture

The UL3Q incorporates LG's Enhanced Kernel Protection (EKP) technology, safeguarding critical data from unauthorized access and potential security threats. This commitment to information security is validated by the ISO/IEC 15408 Common Criteria EAL2 certification, providing businesses with the confidence that their sensitive content and operations remain protected in today's challenging security landscape.

Award-Winning Sustainability

The UL3Q series embodies LG Display's ESG commitment: "Better Life for All." This company-wide dedication to environmental responsibility has earned the prestigious 2025 EcoVadis Platinum medal, placing us among the top 1% of global companies for sustainability excellence.

LG ConnectedCare

Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.

EPEAT Registered

The Electronic Product Environmental Assessment Tool (EPEAT) is a method for several layers of customers to evaluate the effect of a product on the environment.UL3Q is EPEAT Bronze-certified* display which means that it meets all the required criteria in Computers and Displays category.

* Registered on April, 2021

* All images are for illustrative purposes only.

CONNECTIVITY

86" / 75" / 65" / 55" / 50" / 43"

❶ LAN IN	❹ HDMI IN 1	❼ AUDIO OUT
❷ USB 2.0 IN 1	❺ HDMI IN 2	❽ RS-232C IN
❸ USB 2.0 IN 2	❻ HDMI IN 3	❾ RS-232C OUT

SPECIFICATIONS

		86UL3Q-E	75UL3Q-E	65UL3Q-E	55UL3Q-E	50UL3Q-E	43UL3Q-E
Panel	Screen Size	86"	75"	65"	55"	50"	43"
	Panel Technology	ADS	ADS	ADS	ADS	VA	ADS
	Back Light Type	Direct	Direct	Direct	Direct	Direct	Direct
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	350 nits (Typ.)	350 nits (Typ.)	350 nits (Typ.)	350 nits (Typ.)	350 nits (Typ.)	350 nits (Typ.)
	Contrast Ratio	1,200 : 1	1,200 : 1	1,200 : 1	1,200 : 1	4,500 : 1	1,200 : 1
	Dynamic CR[1]	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1
	Color Gamut	DCI 80%	DCI 80%	DCI 80%	DCI 80%	DCI 80%	DCI 80%
	Viewing Angle (H × V)	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (Advanced 10 bit)	1.07 Billon Colors (8 bit + FRC)	1.07 Billon Colors (8 bit + FRC)	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))
	Response Time	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)
	Surface Treatment (Haze)	1%	1%	1%	1%	25%	1%
	Lifetime	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)
	Operation Hours (Hours/Day)	16 / 7	16 / 7	16 / 7	16 / 7	16 / 7	16 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI (3, HDCP 2.2/1.4), RS-232C (4 Pin Phone-Jack), RJ45 (LAN), USB 2.0 Type A (2)					
	Output	Audio, RS-232C					
Mechanical Specification	Bezel Color	Black	Black	Black	Black	Black	Black
	Bezel Width	12.9 mm (Even)	12.9 mm (Even)	10.8 mm (Even)	10.8 mm (Even)	10.8 mm (Even)	10.7 mm (Even)
	Weight (Head)	31.8 kg	24.1 kg	16.5 kg	12 kg	9.3 kg	7.6 kg
	Packed Weight	42.6 kg	31.6 kg	21.8 kg	15.4 kg	12.2 kg	9.7 kg
	Monitor Dimensions (W × H × D)	1,926.6 × 1,098 × 60 mm (Without IR)	1,679.7 × 958.9 × 58.5 mm (Without IR)	1,452.9 × 829.2 × 59.7 mm (Without IR)	1,234.2 × 706.7 × 58.9 mm (Without IR)	1,120.2 × 641.4 × 59.9 mm (Without IR)	965 × 554.9 × 59.1 mm (Without IR)
	Carton Dimensions (W × H × D)	2,080 × 220 × 1,255 mm	1,875 × 175 × 1,145 mm	1,635 × 141 × 976 mm	1,380 × 118 × 825 mm	1,255 × 118 × 760 mm	1,070 × 113 × 645 mm
	Handle	No	No	No	No	No	No
	VESA™ Standard Mount Interface	600 x 400 mm	400 x 400 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm	200 × 200 mm
Key Feature		Internal Memory 8 GB, Built-in Wi-Fi, Sensor (Temperature Sensor, Auto Brightness Sensor, Acceleration (Gyro) Sensor), Local Key Operation (Power On/Off Only), webOS6.1, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Image (Booting Logo Image, No Signal Image), Sync (RS-232C Sync, Local Network Sync), Screen Share, Video Tag (4, Max One HDMI Input), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3rd Party Compatibility (Cisco Certi. (TBD), Crestron Connected®[2]), Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom					
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	205 W / 287 W	155 W / 227 W	114 W / 176 W	98 W / 154 W	90 W / 152 W	83 W / 134 W
	BTU (British Thermal Cabinet)	699.489 BTU/Hr (Typ.), 979.284 BTU/Hr (Max.)	528.882 BTU/Hr (Typ.), 774.556 BTU/Hr (Max.)	388.984 BTU/Hr (Typ.), 600.537 BTU/Hr (Max.)	334.390 BTU/Hr (Typ.), 525.4697 BTU/Hr (Max.)	307.093 BTU/Hr (Typ.), 518.645 BTU/Hr (Max.)	283.208 BTU/Hr (Typ.), 457.227 BTU/Hr (Max.)
	Smart Energy Saving, ~70%	143.5 W	108.5 W	79.8 W	68.6 W	63 W	58.1 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	Power Off	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Sound	Speaker (Built-in)	10 W × 2	10 W × 2	10 W × 2	10 W × 2	10 W × 2	10 W × 2
Certification	Safety	CB	CB	CB	CB	CB	CB
	EMC	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE
	ErP / Energy Star	No (NewErP) / Yes	No (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes
	ePEAT (US only)	Yes	Yes	Yes	Yes	Yes	Yes
OPS Compatibility	OPS Type Compatible	No	No	No	No	No	No
	OPS Power Built-in	No	No	No	No	No	No
Software Compatibility		SuperSign CMS, SuperSign Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, LG ConnectedCare[4]					
Language		English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Türkiye, Arabic, Polski					
Accessory	Basic	Remote Controller, Power Cord, Regulation Book, Easy Setup Guide, Warranty Card, Phone to D-Sub9 Gender					
	Optional	No	No	No	No	No	No
Special Feature	Tilt (Face Down)	No	No	Yes (Max. 15° Degree)	Yes (Max. 15° Degree)	Yes (Max. 15° Degree)	Yes (Max. 15° Degree)
	IP Rating	No	No	No	No	No	No
	Conformal Coating (Power Board)	Yes	Yes	Yes	Yes	Yes	Yes

[1] The luminosity ratio of Full Black / Full White color on video input condition.
[2] Network based control.
[3] Compatibility may differ by equipment.
[4] The availability can differ by region.

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.