



# Pro:Centric<sup>®</sup> Smart Hospitality Slim UHD TV with NanoCell Display

## US770H Series

Commercial Lite	Pro:Centric Value	Pro:Centric Direct	<b>Pro:Centric Smart</b>
-----------------	-------------------	--------------------	--------------------------

The US770H Series features LG NanoCell display technology that provides dynamic UHD resolution and wide viewing angles in a slim-cabinet Smart TV with an almost bezel-less design. It supports Pro:Centric Direct, LG's HTML application that offers customizable tools for LG's system Integrator partners to create unique, interactive application experiences. The US770H Series also supports Smart Share, Screen Share, Pro:Idiom<sup>®</sup> and embedded *b*-LAN<sup>™</sup>.

Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

### FEATURE HIGHLIGHTS

#### NanoCell Ultra HD

LG NanoCell displays incorporate nano-sized material with LG's IPS panel technology. The nano-sized material is combined with a polarizer to produce a wide, vivid color range, while maintaining LG's industry-leading 178° IPS viewing angles. NanoCell technology uses nano (approximately 1nm) particles to absorb certain wavelengths, enhancing the color of the screen while expanding the overall color range.



#### Nano Bezel and Nano Thickness

LG NanoCell TVs have significantly slimmer bezel thickness on the top, left and right sides. With bezel measurements of 5mm (or less) occupying less than one percent of the total viewing area, NanoCell TVs create more immersive viewing experiences compared to typical TVs of the same screen size. LG NanoCell TVs are also more sleek, due to a reduction in overall thickness, which creates a sophisticated, minimalistic appearance.



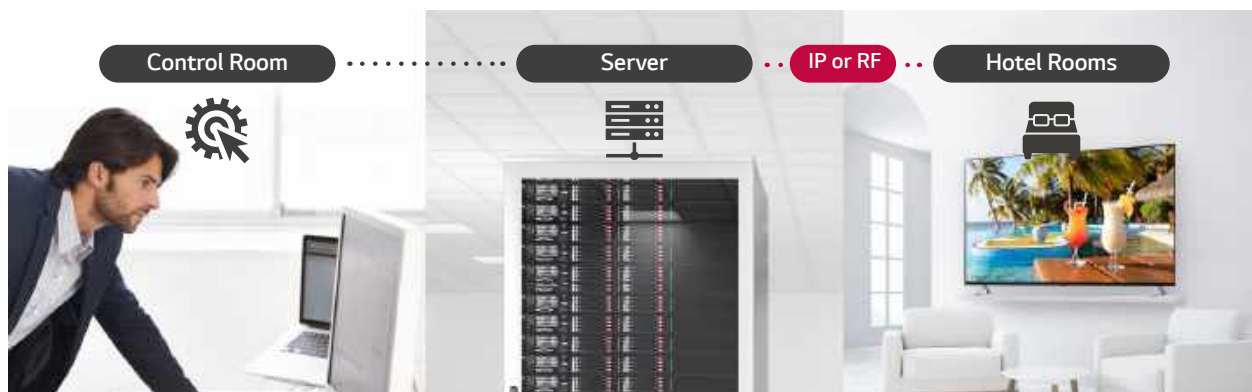
# Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

### FEATURE HIGHLIGHTS

#### Pro:Centric Direct

LG's Pro:Centric Direct application enhances the in-room television experience for hotel guests. Guests can locate and enjoy available TV channels or access a wide range of over-the-top Smart apps, check on the daily weather and review available hotel amenities—all from the comfort of their room. In addition, the application provides the capability for IoT (Internet of Things)-based control of devices\* equipped in next-generation hotel rooms.



\* Some devices may have limited compatibility with IoT functions.

#### More Innovative LG webOS 5.0

Explore the latest LG Smart TV features that help extend the usability of your TV. Our newly added Mood Display enables the TV to appear as a customized clock, and Gallery mode creates the appearance of framed artwork that you can customize to reflect your space and rhythm of life.



#### Pro:Idiom

Digital Rights Management (DRM) technology provides access to premium content to help assure rapid and broad deployment of HDTV and other high-value digital content.



Images shown are for illustrative purposes only.

# Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

### FEATURE HIGHLIGHTS

#### Gallery Mode

LG's Gallery Mode can turn the TV into a beautiful artwork display or choice photograph in a guest room or enhance the most elegant hospitality public spaces.



#### SoftAP

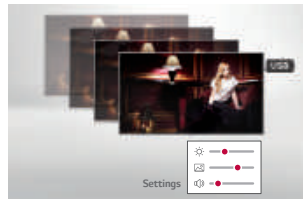
Software-enabled Access Point (SoftAP) is a "virtual" Wi-Fi feature that uses the TV as a wireless hotspot, enabling guests to connect their own devices to the SoftAP.



\* Soft AP should be setup in the installation menu after the TV is turned on. Smart Mirroring may not be operated at the same time.

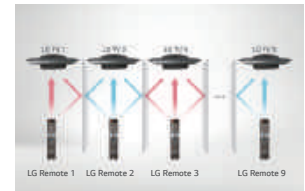
#### USB Data Cloning

For fast and easy configuration of multiple TVs, create a Master TV Setup on one TV and then export the setup "clone" file to a USB memory device. Use the USB device to easily import the setup to other TVs of the same model.



#### Multi-code IR

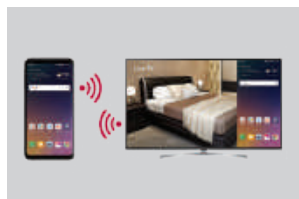
Multi-code IR\* function eliminates any remote control signal interference between TVs in rooms with multiple TVs installed.



\* Requires optional multi-code IR remote.

#### Screen Share

Connect a smart phone or a laptop PC to the TV via a wireless connection. The TV will display the device's screen so guests can view and share their content and memories together.



#### Bluetooth Sound Sync

Bluetooth Sound Sync enables users to listen to music playing on a mobile device\* through the TV's speakers via Bluetooth connection.

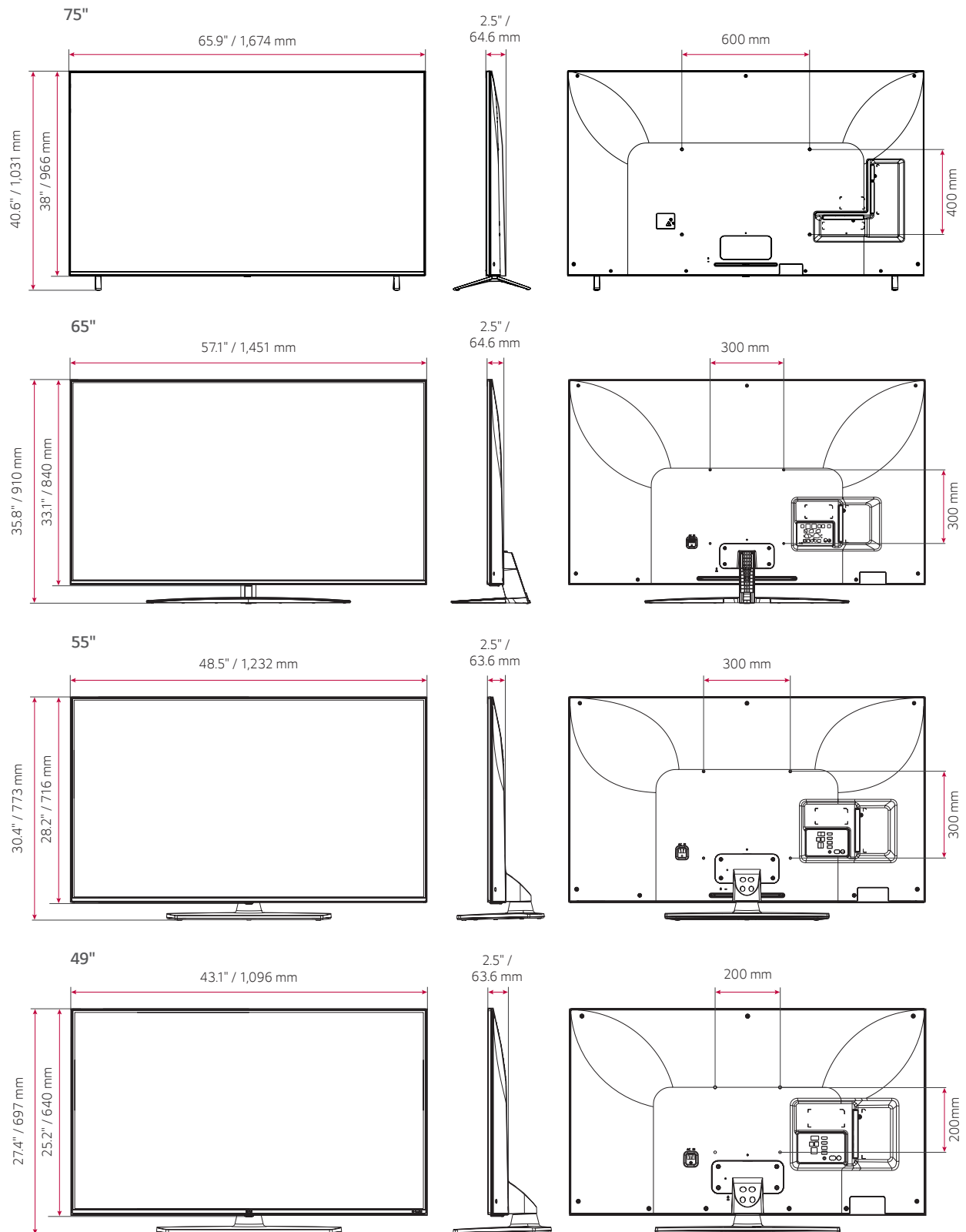


\* Bluetooth Sound Sync supports Android (above v4.4 KitKat) / iOS-based mobile devices.

# Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

### DIMENSIONS



# Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

### SPECIFICATIONS

		75US770HOUD	65US770HOUD	55US770HOUA	49US770HOUA
DISPLAY	Diagonal Size	75"	65"	55"	49"
	Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Backlight Unit Type	Edge	Edge	Edge	Edge
	Display Type	Nano IPS	Nano IPS	Nano IPS	Nano IPS
	Brightness	400 nits	400 nits	400 nits	400 nits
	Dynamic Contrast Ratio	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Refresh Rate	120 Hz	60 Hz	60 Hz	60 Hz
	Response Time (G to G)	8 ms	8 ms	8 ms	8 ms
	Life Span	30,000 hours	30,000 hours	30,000 hours	30,000 hours
VIDEO	HDR_HDR 10 Pro	Yes	Yes	Yes	Yes
	HDR_HLG	Yes	Yes	Yes	Yes
	UHD Contents Streaming Support	USB / IP / HDMI / RF	USB / IP / HDMI / RF	USB / IP / HDMI / RF	USB / IP / HDMI / RF
	Tru 4K Upscaler	Yes	Yes	Yes	Yes
BROADCASTING	Digital (Terrestrial, Cable, Satellite)	ATSC (Clear QAM)	ATSC (Clear QAM)	ATSC (Clear QAM)	ATSC (Clear QAM)
	Analog (NTSC / SECAM / PAL)	NTSC	NTSC	NTSC	NTSC
	MPEG-2 / MPEG-4 H.264 Decoding	Yes	Yes	Yes	Yes
	Closed Caption	Yes	Yes	Yes	Yes
AUDIO	Speaker (Sound Output)	20 W + 20 W	10 W + 10 W	10 W + 10 W	10 W + 10 W
	Speaker System	2.2 ch	2.0 ch	2.0 ch	2.0 ch
	AI Sound	Yes	Yes	Yes	Yes
	One Touch Sound Tuning	Yes	Yes	Yes	Yes
	LG Sound Sync	Optical/Bluetooth Wireless	Optical/Bluetooth Wireless	Optical/Bluetooth Wireless	Optical/Bluetooth Wireless
HOSPITALITY	Pro:Centric Data Streaming (IP & RF)	Yes	Yes	Yes	Yes
	HCAP (GEM / FLASH / HTML)	GEM / HTML5	GEM / HTML5	GEM / HTML5	GEM / HTML5
	Pro:Centric IP Return Path	Yes	Yes	Yes	Yes
	Multicast / Unicast Ready	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Pro:Centric webRTC (Real Time Communication)	Yes with Java script	Yes with Java script	Yes with Java script	Yes with Java script
	Pro:Centric Direct (HTML)	Yes	Yes	Yes	Yes
	Pro:Centric Application (Java)	Yes	Yes	Yes	Yes
	Quick Menu Version	4.0	4.0	4.0	4.0
Pro:Idiom DRM (S/W, Mobile, Lite)	Yes	Yes	Yes	Yes	
SMART FEATURES	Gallery Mode	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	CP App	Yes	Yes	Yes	Yes
	Magic Motion Remote (MMR) Compatibility	Yes	Yes	Yes	Yes
	SW Clock (World Clock / Alarm)	Yes	Yes	Yes	Yes
	SoftAP	Yes	Yes	Yes	Yes
	Wi-Fi	Yes	Yes	Yes	Yes
	Screen Share (Miracast / WiDi)	Yes	Yes	Yes	Yes
	Smart Share (DLNA)	Yes	Yes	Yes	Yes
	LG Connect (LG TV Plus App)	Yes	Yes	Yes	Yes
	Dial	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes
	Bluetooth Sound Sync	Yes	Yes	Yes	Yes
	Mobile Connection Overlay	Yes	Yes	Yes	Yes

# Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

## US770H SERIES

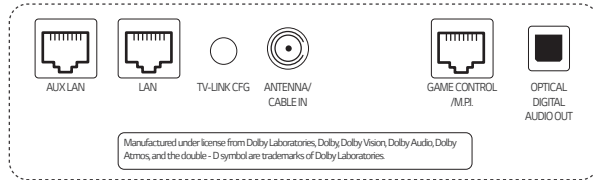
### SPECIFICATIONS

	75US770HOUD	65US770HOUD	55US770HOUA	49US770HOUA	
<b>OTHER FEATURES</b>	First Use Wizard	Yes	Yes	Yes	Yes
	USB Data Cloning	Yes	Yes	Yes	Yes
	Wake On RF	Yes	Yes	Yes	Yes
	WOL	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes
	Diagnostics (IP Remote)	Yes	Yes	Yes	Yes
	SI Compatible	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)
	Simplink (HDMI-CEC) plus CEC-HTNG	Yes (1.4)	Yes (1.4)	Yes (1.4)	Yes (1.4)
	IR Out	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)
	Multi-code IR	Yes	Yes	Yes	Yes
	Installer Menu	Yes	Yes	Yes	Yes
	Welcome Screen (Boot Logo)	Yes	Yes	Yes	Yes
	Insert Image	Yes	Yes	Yes	Yes
	One Channel Map (LCM)	Yes	Yes	Yes	Yes
	Instant On	Yes	Yes	Yes	Yes
	V-Lan Tag	Yes	Yes	Yes	Yes
RJP (Remote Jack Pack) Compatibility	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)	
Auto Off / Sleep Timer	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	
Embedded b-LAN	Yes	Yes	Yes	Yes	
<b>INTERFACES</b>	HDMI In	3 (2.0)	3 (2.0)	3 (2.0)	3 (2.0)
	USB In	2 (2.0)	2 (2.0)	2 (2.0)	2 (2.0)
	Antenna / Cable In (RF)	1 (Dual b-LAN)	1 (Dual b-LAN)	1 (Dual b-LAN)	1 (Dual b-LAN)
	AV In (Audio In)	No	No	No	No
	Optical Digital Audio Out	1	1	1	1
	RS-232C (Control & Service)	3.5mm Stereo Jack	D-Sub 9 pin	D-Sub 9 pin	D-Sub 9 pin
	RJ45	2 Ethernet, Aux	2 Ethernet, Aux	2 Ethernet, Aux	2 Ethernet, Aux
	External Speaker Out	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	TV Link Configuration (for b-LAN)	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	MPI Port (RJ12)	1	1	1	2
	Service Only	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
<b>MECHANICALS</b>	Stand Type	2 Pole Fixed Stands	1 Pole Fixed Stand	1 Pole Swivel Stand	1 Pole Swivel Stand
	Front Color	Ceramic Black (Cinema Screen)	Dark Meteo Titan (Nano Bezel) (Cinema Screen)	Dark Meteo Titan (Nano Bezel) (Cinema Screen)	Dark Meteo Titan (Nano Bezel) (Cinema Screen)
	VESA Compatible	600 x 400	300 x 300	300 x 300	200 x 200
	Lock Down Plate	No	No	Yes	Yes
	Chromecast Anti-theft Cover	No	No	No	No
	Weight without Stand	83.1 lbs / 37.7 kg	53.1 lbs / 24.1 kg	37.9 lbs / 17.2 kg	30.9 lbs / 14 kg
	Weight with Stand	84.7 lbs / 38.4 kg	56.9 lbs / 25.8 kg	45 lbs / 20.4 kg	37.9 lbs / 17.2 kg
	Shipping Weight	106 lbs / 48.1 kg	73.4 lbs / 33.3 kg	56.4 lbs / 25.6 kg	44.1 lbs / 20 kg
	Dimensions without Stand (W x H x D)	65.9" x 38" x 2.5" 1,674 x 966 x 64.6 mm	57.1" x 33.1" x 2.5" 1,451 x 840 x 64 mm	48.5" x 28.2" x 2.5" 1,232 x 716 x 63.6 mm	43.1" x 25.2" x 2.5" 1,096 x 640 x 63.6 mm
	Dimensions with Stand (W x H x D)	65.9" x 40.6" x 14.3" 1,674 x 1031 x 362 mm	57.1" x 35.8" x 12.8" 1,451 x 910 x 324 mm	48.5" x 30.4" x 11.9" 1,232 x 773 x 303 mm	43.1" x 27.4" x 11.9" 1,096 x 697 x 303 mm
	Shipping Dimensions (W x H x D)	71.8" x 44.3" x 9.0" 1,823 x 1,126 x 228 mm	63" x 40.7" x 8.1" 1,600 x 1,035 x 207 mm	53.5" x 33.9" x 8.1" 1,360 x 860 x 207 mm	46.9" x 29.9" x 7.5" 1,192 x 760 x 190 mm
	Bezel Width (L / R / T / B): On Bezel	12.1/12.1/12.1/21.2 mm	11.3/11.3/11.3/19.8 mm	11.1/11.1/11.1/19.8 mm	11.1/11.1/11.1/19.8 mm
	Bezel Width (L / R / T / B): Off Bezel	6.1 / 6.1 / 6.1 / 18.7 mm	5.0 / 5.0 / 5.0 / 16.6 mm	4.8 / 4.8 / 4.8 / 16.6 mm	4.8 / 4.8 / 4.8 / 16.6 mm
	Max Power Consumption	307	179 W	156 W	147 W
	Typical Power Consumption	252	160 W	131 W	122 W
	Standby Power Consumption	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W
<b>WARRANTY &amp; OTHER</b>	Standards	UL	UL	UL	UL
	EMC Certification	FCC	FCC	FCC	FCC
	Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty
	Remote Type	S-Con / MMR (Optional)	S-Con / MMR (Optional)	S-Con / MMR (Optional)	S-Con / MMR (Optional)
	Power Cable	2.0 m, Angle Type	1.8 m, Angle Type	1.8 m, Angle Type	1.8 m, Angle Type

# CONNECTIVITY

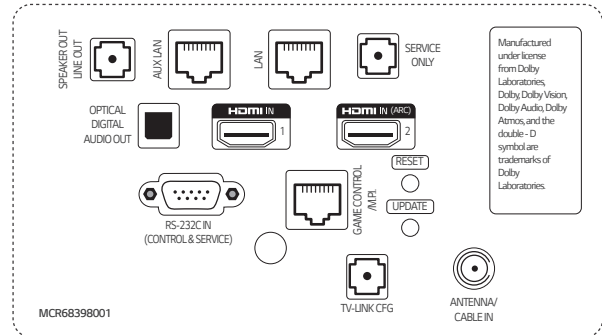
75"

Vertical



65" / 55" / 49"

Rear



Side



Side



\* Dimensions and jack panels may differ from the above image. Please contact your LG sales team to verify before ordering.



- 🌐 [www.lg.com/us/business/commercial-display](http://www.lg.com/us/business/commercial-display)
- 🐦 [www.twitter.com/LGCommDisplays](https://twitter.com/LGCommDisplays)
- 📘 [www.facebook.com/LGcommercialdisplays](https://www.facebook.com/LGcommercialdisplays)
- 🌐 [www.linkedin.com/company/lg-commercial-displays-usa](https://www.linkedin.com/company/lg-commercial-displays-usa)
- 📺 [www.youtube.com/lgcommercialdisplayusa](https://www.youtube.com/lgcommercialdisplayusa)
- ☎️ 800-228-1236 | Hospitality Sales

LG may make changes to specifications and product descriptions without notice.  
 © Copyright 2020 LG Electronics USA, Inc., 2000 Millbrook Dr., Lincolnshire, IL 60069, USA . All rights reserved. LG and the LG logo are registered trademarks of LG Corp. All other trademarks are the property of their respective owners. Prices and products may vary by dealer. Prices, designs, features and specifications are subject to change without notice. All screen images are simulated. Pro:Centric and the "Pro:Centric" logo are registered trademarks of LG Electronics Inc. Pro:Idiom is a registered trademark of Zenith Electronics LLC.  
 LG\_SPEC\_SHEET\_US770H\_1020SD\_LR

