

UF680T (43", 49", 55", 65")

4K Ultra HD webOS 2.0 Smart⁺ TV



LCD SPECIFICATION

Screen Sizes	43" (108cm), 49" (123cm) 55" (139cm), 65" (164cm)
Resolution	3840 x 2160
Backlight Type	LED
Field Refresh Rate	100Hz
Motion Clarity Index ¹	400

BROADCASTING SYSTEM

Tuner	MPEG-2/4 DVB-T (HD)
Tuners	Single
HbbTV ²	•

VIDEO

6-Step Upscaling	•
Triple XD Engine	•
Real Cinema 24p	•
Noise Reduction	•
Picture Modes	9

AUDIO

Speaker System	Down Firing
Sound Channels	Stereo (2-way, 4 speakers)
Audio Decoder	DTS/Dolby Digital/AAC/PCM
Audio Output	20W Total
Surround System	Ultra Surround
Sound Modes	6
Smart Sound Mode	•
Audio Return Channel	•

CONVENIENCE FEATURES

Smart TV Operating System	webOS 2.0
Web Browser ³	•
Magic Remote Voice ⁴	•
Processor	Quad Core
Miracast ⁵	•
Time Machine ⁶	•
Intel ⁸ Wireless Display (WiDi) ⁷	•
Smartphone Remote App ⁸	Compatible
Universal Remote ⁹	• (HDMI connected BD Players, Set-top/Cable box, Sound Bar and HTS)
My Programmes	•
Simplink (HDMI-CEC)	•
Smart Share (DLNA)	•
4K Ultra HD streaming ¹⁰	• (Youtube, Netflix)
USB Video Playback Formats	DivX (XViD, H.264/MPEG-4 AVC)/ WMV/AVI/M4V/MOV/3GP/3G2/ /HEVC 60P (up to 2160p)/MKV/TS/TP
USB Music Playback Formats	MP3/WAV/OGG/WMA/DTS/Dolby Digital
USB Photo Playback Formats	JPEG/PNG/BMP
Wi-Fi Built-In	• (802.11 a/b/g/n)
EPG (SI - 8 days)	•
User Guide	• (Built-In)

CONNECTIONS

SIDE

USB Input	• (1)
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REAR

HDMI Input ¹¹	• (2)
Antenna Input	• (1)
Composite/Component Input	• (Shared)
Audio (Optical) Output	• (1)
LAN Port	• (1)

DIMENSIONS

W x H x D with Stand	43": 971mm x 628mm x 180mm
	49": 1104mm x 701mm x 237mm
	55": 1240mm x 778mm x 237mm
	65": 1460mm x 902mm x 263mm

W x H x D without Stand	43": 971mm x 570mm x 57mm
	49": 1104mm x 645mm x 57mm
	55": 1240mm x 722mm x 57mm
	65": 1460mm x 846mm x 59mm

Weight with stand (without stand)	43": 10.8kg (10.5kg)
	49": 14.3kg (14.0kg)
	55": 18.1kg (17.8kg)
	65": 27.4kg (27.0kg)

VESA Size	43": 200 x 200
	49" - 65": 300 x 300

WARRANTY

1 Year Warranty - Parts and Labour

EAN

43": 8806087328820	49": 8806087328943
55": 8806087329124	65": 8806087329285

ENERGY STAR RATING

43": 5 Stars	49": 5 Stars
55": 5 Stars	65": 6 Stars

FURTHER INFORMATION

[^] Recommended Retail Price (RRP). Prices subject to change and does not include retailer charges.

¹ Motion Clarity Index (MCI) is a dynamic indicator of the clarity of motion on LG TVs. MCI is achieved using technologies available within the product to reduce blur in fast moving content like action movies and sports. A higher number indicates greater reduction.

² FreeviewPlus uses HbbTV technology which combines broadcast and broadband. Internet connection is required. Data usage charges and conditions apply.

³ Internet connection required. Internet usage charges and conditions apply. WebOS internet browser supports HTML5, VP9 and HEVC.

⁴ Voice recognition feature is not available in all languages and dialects. Actual performance may vary depending on the language spoken and surrounding environment including ambient noise.

⁵ Miracast compatible Android device required for this feature.

⁶ Dedicated USB Hard Drive (min. 40GB) required for longer recordings and live playback function (sold separately). Internal memory capacity is 8GB.

⁷ Intel WiDi enabled PC must be in range of the TV.

⁸ 'LG TV Plus' on compatible Android devices (Android 4.1+). Phone must be in range, on the same Wi-Fi network as the TV.

⁹ Some brands not supported, check product for details.

¹⁰ Netflix provides content in SD, HD and 4K Ultra HD. Netflix requires a steady internet connection speed of at least 25Mbps to stream 4K Ultra HD content, otherwise content will be downscaled to either HD or SD quality based on the available bandwidth. Speeds of 25Mbps available in limited locations and may vary depending on time of day. Please check with your internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.

¹¹ HDMI Port 1 supports HDCP 2.2 and 60fps @ 2160p.

All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.



UF680T (43", 49", 55", 65")

4K Ultra HD webOS 2.0 Smart+ TV



Design

Slim Design
Narrow Bezel

Picture Quality

4K Ultra HD (3840x2160)
100Hz Field Refresh Rate

Convenience Features

LG Smart+ TV - webOS 2.0
Magic Remote
Quad Core Processor
FreeviewPlus
Miracast
Time Machine
USB Media Playback
Netflix

Audio

20W Total Output
Ultra Surround
Smart Sound Mode

Launch Details

Available: August 2015
43" RRP[^]: \$1,399
49" RRP[^]: \$1,899
55" RRP[^]: \$2,499
65" RRP[^]: \$3,999



Jump into an 4K Ultra HD TV, with the new UF680T series

With a powerful Quad Core Processor, 6-Step Upscaler and webOS 2.0 Smart+ TV, the UF680T has an outstanding range of features at the right price. It's a breathtaking viewing experience, even when viewed from close distances. With the ability to watch 4K Ultra HD content from HDMI, USB and streaming services* - this TV is ready when you are!

With the 2015 6-Step Upscaler**, content is powerfully upscaled for clearer, more striking images.

It also features webOS 2.0, our Smart TV operating system that's been updated in 2015 for even quicker and simpler access to content you love most*** (including Netflix!). Uniquely engineered, it's Smart TV made simple.

*Netflix provides content in SD, HD and 4K Ultra HD. Netflix requires a steady internet connection speed of at least 25Mbps to stream 4K Ultra HD content, otherwise content will be downscaled to either HD or SD quality based on the available bandwidth. Speeds of 25Mbps available in limited locations and may vary depending on time of day. We recommend that users check with their internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.

**Image quality of upscaled content will vary based on the source resolution

***Internet connection required. Internet usage charges and conditions apply. Contents and features will vary from time to time without notice. WebOS internet browser supports HTML5, HEVC and VP9.



Magic Remote

Pointing, Wheel, and Voice – an easy yet highly advanced TV remote.

webOS 2.0

LG webOS Smart+ TV

LG webOS Smart+ TV - quick and simple access to the content you love most. Uniquely engineered, it's Smart TV made simple.

NETFLIX

NETFLIX

Netflix brings an amazing range of TV shows, movies and documentaries for a low price each month, without any lock-in contracts.

