

UF830T (50", 58")

LG PRIME 4K Ultra HD webOS 2.0 Smart TV+



LCD SPECIFICATION

| | |
|-----------------------------------|---------------------------|
| Screen Sizes | 50" (126cm), 58" (146cm), |
| Resolution | 3840 x 2160 |
| Backlight Type | LED |
| Field Refresh Rate | 100Hz |
| Motion Clarity Index ¹ | 400 |
| Local Dimming | • |
| Ultra Luminance Technology | • |
| ColourPrime (Wide Colour Gamut) | • |

BROADCASTING SYSTEM

| | |
|--------------------|----------------------|
| Tuner Type | MPEG-2/4 DVB-T2 (HD) |
| Number of Tuners | 1 |
| 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 [®] 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) | • |
| Wireless Sound Sync ¹⁰ | • |
| 4K Ultra HD streaming ¹¹ | • (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

| | |
|--------------------------|-------|
| HDMI Input ¹² | • (3) |
| USB Input | • (3) |

REAR

| | |
|---------------------------|------------|
| Antenna Input | • (1) |
| Composite/Component Input | • (Shared) |
| Audio (Optical) Output | • (1) |
| Headphone (3.5mm) Output | • (1) |
| LAN Port | • (1) |

DIMENSIONS

| | |
|-----------------------------------|--|
| W x H x D with Stand | 50": 1122mm x 709mm x 237mm 58": 1298mm x 815mm x 263mm |
| W x H x D without Stand | 50": 1122mm x 664mm x 54mm 58": 1298mm x 770mm x 55mm |
| Weight with stand (without stand) | 50": 16.2kg (15.9kg) 58": 22.8kg (22.4kg) |
| VESA Size | 300 x 300 |

WARRANTY

1 Year Warranty - Parts and Labour

EAN

50": 8806087329247 58": 8806087329056

ENERGY STAR RATING

49": 5 Stars 55": 5 ½ 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 fast moving objects on LG TVs. MCI incorporates the panel frame rate, motion interpolation image processing and backlight scanning technology – all of which work together to reduce blur in fast moving video content like action movies and sports.

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 Uses Bluetooth 4.0 technology to send audio to compatible LG home audio products

¹¹ 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.

¹² 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.



UF830T (50", 58")

LG PRIME 4K Ultra HD webOS 2.0 Smart TV+

20% More Colours Than Conventional LG LED/LCD TV's

Design

Ultra Slim
Metallic Design

Picture Quality

4K Ultra HD (3840x2160)
100Hz Field Refresh Rate
LED Edgelit with Local Dimming
Ultra Luminance Technology
ColourPrime (Wide Colour Gamut)

Convenience Features

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

Audio

Frontal Speaker System
20W Total Output
Ultra Surround
Smart Sound Mode

Launch Details

Available: September 2015
50" RRP^: \$2299
58" RRP^: \$3499



20% more colours than conventional LED/LCD TVs

With ColourPrime technology, a powerful Quad Core Processor, 6-Step Upscaler, webOS 2.0 Smart TV+ and ULTRA Luminance technology, the UF830T series sets the trend for viewing pleasure. It's a breathtaking viewing experience with incredibly crisp vision, even when viewed from close distances. With over 8 million pixels and approximately four times the number of pixels of Full HD, you'll really notice the 4K Ultra HD difference.

LG's ColorPrime technology increases the range of colours that can be displayed on screen by utilising different LED phosphor colours, creating image depth which feels almost real.

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

ULTRA Luminance Technology enhances the lightest and darkest parts of the displayed content. It's achieved by adjusting the backlight zones to optimise image luminance, boosting image luminance.

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.

**Internet connection is required. Data usage charges and conditions apply. Content and services are subject to change without notice.*

**Netflix membership required.*

ColourPrime

ColourPrime

Ultra clarity delivered with flying colours! New in 2015, LG ColourPrime wide colour gamut technology creates deeper reds, greens and blues for sensational images.

webOS 2.0

LG webOS Smart TV+

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



6-Step Upscaling

The 4K ULTRA HD Engine upscaler enhances the detail of non-4K ULTRA HD content in 6 stages to augment the image clarity closer to ULTRA HD quality.

