# LF6090 Series
## 1080p Smart LED TV

| 50" | 55" | 60" |

*\* Class size: See below for details.*

## KEY FEATURES

**1080p Full HD (1920 x 1080)**

**TruMotion 120Hz**

**Premium VOD Service**

**ENERGY STAR® Qualified**

## PRODUCT HIGHLIGHTS

### Full HD 1080p Resolution

This leap forward in picture quality is the reason you wanted HDTV in the first place. Full HD 1080p meets the highest standards for high definition, displaying 1,080 lines of resolution on screen for a clearer, more detailed image that is simply breathtaking.

### Triple XD Engine

LG's exceptional picture quality is further enhanced by the Triple XD Engine, which processes images with even greater precision. The latest Triple XD Engine enables more natural color expression, deeper contrast and more refined motion so that viewers can enjoy a more lifelike picture.

### Virtual Surround Plus

Put yourself in the middle of the action with our enhanced audio mode that expands the TV's sound field to creative immersive, surround-like sound while also assuring exceptional voice clarity.

## PRODUCT FEATURES

| PICTURE QUALITY | |
| --- | --- |
| 1080p Full HD (1920 x 1080) | • |
| Refresh Rate | TruMotion 120Hz |
| Triple XD Engine | • |
| Just Scan (1:1 Pixel Matching) | • |
| Real Cinema 24p | • |
| SMART TV | |
| Premium VOD Service | • |
| Processor | Dual |
| Magic Remote | - Not Included (Accessory, also requires AN-WF500 Bluetooth dongle) |
| LG Content Store (App Store) | • |
| Web Browser | • |
| SMART SHARE | |
| Screen Share | • |
| Content Share | • |
| AUDIO | |
| Speaker System | 2 Channel |
| Output Power | 20W |
| Sound System | Virtual Surround Plus |
| Mono/Stereo/Dual (MTS/SAP) | • |
| Dolby Digital Decoder | • |
| DTS Decoder | • |
| Clear Voice II | • |
| Wireless Sound Sync | • (Ready, also requires AN-WF500 Bluetooth dongle) |
| CONNECTIVITY | |
| Wi-Fi® Built In | • |
| Wifi Direct | • |
| SIMPLINK™ (HDMI CEC) | • |

| USB | |
| --- | --- |
| -Video | DivX HD |
| -Photo | JPEG, JPS, MPO |
| -Audio | AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, DTS, RA, WMA |
| INPUTS | |
| RF In (Antenna/Cable) | 1 (Rear) |
| Component Video In | 1 (Rear) |
| Composite In (AV) | 1 (Shared with Component) |
| Optical | 1 (Rear) |
| HDMI® | 3 (Side) |
| USB3.0/2.0 | 0 / 3 (Side) |
| Lan | 1 (Rear) |
| RS232 | 1 (Rear, Phone Jack) |
| POWER | |
| 2015 ENERGY STAR® Most Efficient | • (60LF6090, 55LF6090) |
| ENERGY STAR® Qualified | • (50LF6090) |
| Power Supply (Voltage, Hertz) | 100~240Vac, 50~60Hz |
| Power Consumption | 50LF6090: 83 (kWh/year) 55LF6090: 87 (kWh/year) 60LF6090: 97 (kWh/year) |
| Standby Mode | 0.3W |
| WALL MOUNT | |
| VESA | 400x400 |
| 50LF6090 (49.5" diagonal) DIMENSIONS / WEIGHTS / UPC | |
| W/O Stand (WxHxD) | 44.4" x 25.7" x 2.2" |
| W Stand (WxHxD) | 44.4" x 27.9" x 10" |
| Shipping (WxHxD) | 47.1" x 29.9" x 6" |
| W/O Stand Weight | 30.4 lbs |

| W Stand Weight | 31.3 lbs |
| --- | --- |
| Shipping Weight | 39.0 lbs |
| UPC | 719192601628 |
| 55LF6090 (54.6" diagonal) DIMENSIONS / WEIGHTS / UPC | |
| W/O Stand (WxHxD) | 48.9" x 28.3" x 2.2" |
| W Stand (WxHxD) | 48.9" x 30.4" x 10" |
| Shipping (WxHxD) | 52.4" x 31.9" x 6.9" |
| W/O Stand Weight | 39.6 lbs |
| W Stand Weight | 40.5 lbs |
| Shipping Weight | 50.2 lbs |
| UPC | 719192601611 |
| 60LF6090 (59.5" diagonal) DIMENSIONS / WEIGHTS / UPC | |
| W/O Stand (WxHxD) | 54.1" x 31.3" x 2.3" |
| W Stand (WxHxD) | 54.1" x 33.4" x 11" |
| Shipping (WxHxD) | 57.5" x 34.6" x 7.5" |
| W/O Stand Weight | 50.7 lbs |
| W Stand Weight | 51.8 lbs |
| Shipping Weight | 64.3 lbs |
| UPC | 719192601604 |
| WARRANTY | |
| Limited Warranty | 1 Year Parts & Labor |