

PROJECTION SYSTEM

Native Resolution 4K UHD (3840 x 2160)

Brightness (ANSI Lumen)²⁾ 2700

Contrast Ratio (Full On Full Off) 2,000,000:1

Noise (typical) - Energy Saving Min. (Bright) 28 dB(A)↓

Noise (typical) - Energy Saving Med. 27 dB(A)↓

Noise (typical) - Energy Saving Max. (Eco) 26 dB(A)↓

Uniformity(JBMMA 9point) 85%↑

Projection Lens - Focus (Auto/Manual) Manual

Projection Lens - Zoom 1.6x

Projection Image - Screen Size 40" ~ 300"

Projection Image - Standard / 100" (lens to wall)
150"@4.3~6.9m
100"@2.9~4.6m
40"@1.1~1.8m

Projection Image - Throw Ratio 1.3 - 2.08

Lens Shift V +-60% / H +-24%

Projection Offset 0% (+110% ~ -110%)

Light source - Type Dual Laser (B LD+G-rap Phosphor, R LD)

Light source - Life High Brightness 20,000 Hrs

Light source - Life Economic 30,000 Hrs

GENERAL SPECIFICATION

OSD Language	English(UK)/French/Spanish/German/Portuguese/Dutch/Russian/Polish/Hungarian/Romanian/Slovenian/Croatian/Bulgarian/Serbian/Italian/Czech/Turkish/Slovak Arabic/ChineseSimplified/ Indonesian/L-Spanish/India/English
Aspect Ratio Control	16:9/Original/Full Wide/4:3/Vertical Zoom
Sound - Output	5W + 5W Stereo
Sound - Clear Voice	Yes (Clear Voice III)
Sound - Dolby Atmos compatible	Yes (Pass through)
Sound - WiSA Ready (dongle)	Yes (EU : up to 5.1Ch MEA : 2.0Ch only) (Dongle and Speakers sold separately)
Net Size (mm) (W x D x H)	337 x 410 x 145
Net Weight (kg or g)	11kg
Power Consumption (Max.)	300W
Stand-by Power	<0.5W
Power Supply	100V – 240V @ 50-60 Hz (PSU Built-in)
Operation Temperature	0 ~ 40°C
Input Signal Compatibility - Digital(HDMI)	Up to 4K (4096x2160) (60Hz, 50Hz, 24Hz)

INPUT/OUTPUT TERMINALS

Audio out	S/PDIF 1(Optical)
RS-232C	Yes
IP control	Yes
RJ45	1

HDMI	3 (HDMI2.1* : 1EA / HDMI2.0 : 2EA) *ALLM (Auto Low Latency Mode), eARC (Enhanced Audio Return Channel), up to 24Gbps (input) / 4:4:4/RGB 10 bit (output)
-------------	---

USB Type-A	2 (USB2.0)
-------------------	------------

12V Trigger	Yes
--------------------	-----

OS/CONNECTIVITY

Platform (OS, UI)	webOS 5.0 (Smart)
--------------------------	-------------------

Home Dashboard (Input, IoT with OCF device)	Yes (OCF/UEI IoT not supported)
--	---------------------------------

Background Image	Yes
-------------------------	-----

Premium CP	Yes
-------------------	-----

Contents Store (LG App Store)	Yes
--------------------------------------	-----

Contents Suggestion	Yes
----------------------------	-----

Internet Browser	Yes
-------------------------	-----

Voice Recognition - Speaker Compatible (works-with)	Apple Homekit works-with
--	--------------------------

Screen Share (Wireless Mirroring with MiraCast supporting Android/Window device)	Yes (up to 4K/30Hz)
---	---------------------

Airplay 2 (iOS/Mac Video Casting, mirroring, Audio Streaming)	Yes (up to 4K/30Hz)
--	---------------------

Wireless Contents Share (with Android, iOS)	Yes (Thru TV Plus App)
--	------------------------

Contents Sharing (with DLNA supporting device)	Yes
---	-----

Bluetooth - Bluetooth Sound out	Yes
--	-----

Bluetooth - Bluetooth AV(Lip) Sync Control	Yes
---	-----

LG Sound Sync(with Sound Bar)	Yes
HDMI ARC(Audio Return Channel)	Yes (eARC)
HDMI simplink(CEC)	Yes
HDCP	HDCP2.2 (HDCP2.3)
Plug & Play(RGB/DVI/HDMI Auto Source Detection)	Yes
USB Host (Movie, Music, Photo)	Yes
Setting Guide	Yes (Bean Bird)
LG TV Plus App support	Yes
iPhone Home App control (Remote Fuction) (LG TV Plus App)	Yes
HID (Keyboard/Mouse/GamePad Connection Thru USB)	Yes
Eco Function - Energy Saving Mode	Yes (Min/Med/Max)
Eco Function - Sleep Timer	Yes
Eco Function - Auto Off / Auto Sleep	Yes
Eco Function - Time Power On/Off (On Time / Off Time)	Yes (On / Off)
Eco Function - Automatic Standby / Auto Power Off	Yes
Eco Function - HDD Eco Mode	Yes

PICTURE QUALITY AND SETTING

Processor	Quad Core
HDR	HDR10, HLG

HDR Effect	Yes
HDR Tone Mapping	Yes (Auto, Dynamic/frame by frame)
Brightness Optimizer - Iris Mode	Yes (BrightRoom/Medium/Darkroom/User)
Brightness Optimizer - Adaptive Contrast	Yes (High/Medium/Low/Off)
TruMotion	Yes (up to 4096 x 2160)
Real Cinema	Yes (up to 4096 x 2160)
Upscaler	Yes (4K)
Super Resolution (Expert Control)	Yes (4K)
FILMMAKER mode	Yes
HGiG (HDR Gamming Interest Group) mode	Yes
Digital Keystone Correction	V-Keystone
Image Flip	Yes (Horizontal/Vertical)
Callibration II (Auto Calibration / CalMan)	Yes
Smooth Gradation	Yes
Black Level Control	Yes
Noise Reduction	Yes
Color Temperature Adjustment	Yes
Dynamic Contrast (Expert control)	Yes
Dynamic Color (Expert control)	Yes
Color Management System (Expert control)	Yes
Color gamut setting (Expert control)	Yes
Gamma Correction (Expert control)	Yes

White balance setting (Expert control)	Yes
--	-----

ADDED FEATURES

Quick(Instant) Power on/off	Yes (on 12 Sec ↓/off 2 Sec)
-----------------------------	-----------------------------

Store Mode	Yes
------------	-----

Self Diagnosis	Yes
----------------	-----

DESIGN

Cabinet Color	White
---------------	-------

Local Key	Joystick
-----------	----------

Kensington Lock	Yes
-----------------	-----

Leg-Stand	Yes
-----------	-----

Ceiling mount hole (for bracket)	Yes
----------------------------------	-----

ACCESSORY

Manual (Full or Simple Book)	Simple Book
------------------------------	-------------

Warranty Card	Yes
---------------	-----

Remote control (Battery included) - Motion	Yes (Magic Lighting Remote)
--	-----------------------------

Conformances(Regulation)	CE/CB
--------------------------	-------

COMPLIANCE INFORMATION

[MORE COMPLIANCE INFORMATION](#)
