

PROJECTION SYSTEM

Native Resolution	4K UHD (3840 x 2160) ³⁾
Brightness (ANSI Lumen) ¹⁾	5000
Contrast Ratio (Full On Full Off)	3,000,000:1 ↑
Noise (typical) - Energy Saving Min. (Bright)	29 dB(A)
Noise (typical) - Energy Saving Med.	27 dB(A)
Noise (typical) - Energy Saving Max. (Eco)	26 dB(A)
Noise (typical) - Energy Saving Off (Max)	29 dB(A)
Uniformity(JBMMA 9point)	85%
Changeable F#	Yes
Projection Lens - Focus (Auto / Manual)	Manual
Projection Lens - Zoom	1.6x
Projection Image - Screen Size	40" ~ 300"
Projection Image - Standard (lens to wall)	Wide 2880/Tele 4630 (100)
Projection Image - Throw Ratio	1.30 - 2.08
Lens Shift	Yes (Horiz ± 20% / Vert ± 50%)
Projection Offset	100%
Light source - Type	Laser (LD + P/W)
Light source - Life High Brightness	20,000 Hrs

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| 1) | The brightness (Lumen) is based on the perceived brightness equivalent to the brightness of lamp projector |
| 3) | 4K UHD resolution with 8.3 million discrete pixels projected by XPR (Expanded Pixel Resolution) video processing |

GENERAL SPECIFICATION

Aspect Ratio Control	16:9/Original/4:3/Vertical Zoom/All-Direction Zoom
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Sound - Output	10W (5W+5W)
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Sound - Dolby Surround Audio	Yes
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Sound - DTS-HD	Yes
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Sound - Clear Voice	Yes (Clear Voice III)
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Net Size (mm) (W x D x H)	370 x 290 x 155.7 370 x 290 x 143.7 (Without Leg)
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Net Weight (kg or g)	9,7kg
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Gross size (mm) (W x D x H)	580 x 441 x 273
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Gross Weight (kg or g)	11.5kg
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Power Consumption (Max.)	380W
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Stand-by Power	0.5W↓
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Power Supply	100V – 240V @ 50~60 Hz (PSU Built-in)
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Operation Temperature	0 ~ 40°C
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Input Signal Compatibility - Digital(HDMI)	Up to 4K (4096 x 2160) (60Hz, 50Hz, 24Hz)
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Input Signal Compatibility - HDBaseT	Yes
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INPUT/OUTPUT TERMINALS

Audio out	Yes
RS-232C	Yes
IP control	Yes
RJ45	1
HDMI	2
HDBaseT	1
USB Type-A	2 (USB2.0)

MAIN FEATURES

Platform (OS, UI)	webOS 4.5
Home Launcher - Edit mode/Recent	Yes
Contents Suggestion	Home
Internet Browser	Yes
Home Dashboard (Input, IoT with OFC device)	Yes
Screen Share (Wireless Mirroring with MiraCast supporting device)	Yes
Contents Sharing (with DLNA supporting device)	Yes
Wireless Contents Share (with Android, iOS)	Yes (Thru TV Plus App)
Bluetooth Sound out	Yes
Bluetooth AV Sync Control	Yes

LG Sound Sync (with Sound Bar)	Yes
Plug & Play (RGB/DVI/HDMI Auto Source Detection)	Yes
USB Host (Movie, Music, Photo)	Yes
File (Office) Viewer	Yes
Setting Guide	Yes (Bean Bird)
LG TV Plus App support (Remote function)	Yes
HID (Keyboard/Mouse/GamePad Connection Thru USB)	Yes
Eco Function - Energy Saving Mode	Yes (Min/Mid/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

ADDED FEATURES

HDR	HDR10
HDR Effect	Yes
DICOM	Yes
TruMotion	Yes

Digital Keystone Correction	Warping
HDCP	HDCP2.2
Quick(Instant) Power on/off	Yes (on 12 Sec off 2 Sec)
Store Mode	Yes
Background Image	Yes
Blank	Yes
Image Flip	Yes (Horizontal/Vertical)
Black Level Control	Yes
Colour Temperature Adjustment	Yes
Expert control\ADJ	Yes
Brilliant Colour™ (Overlap Duty)	Yes
Gamma Correction	Yes
Noise Reduction	Yes
HDMI ARC (Audio Return Channel)	Yes
HDMI simplink (CEC)	Yes
Self Diagnosis	Yes

DESIGN

Cabinet Colour	Top/Bottom - White Front/Rear - Black
Local Key	Joystick

Kensington Lock	Yes
Leg-Stand	Yes (4 Leg)
Ceiling mount hole (for bracket)	Yes

ACCESSORY

Manual (Full or Simple Book)	Simple Book
Quick User Guide (Quick Set-up Guide)	Yes
Warranty Card	Yes
Cable - Power cord	1
Remote control (Battery included) - Normal	Yes
Conformances(Regulation)	KCC, KC