Key Specs

Native Resolution
4K UHD (3840 x 2160)[1)]

Brightness (ANSI Lumen)
500

Type
3Ch Laser (R, G, B)

Contrast Ratio
450,000:1

Digital Keystone Correction
Edge Adjustment (4/9/15 Point Warping)

Output
3W Mono

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

Zoom
Fixed

All Spec

NATIVE RESOLUTION

Native Resolution
4K UHD (3840 x 2160)[1)]

BRIGHTNESS (ANSI LUMEN)

Brightness (ANSI Lumen)
500

CONTRAST RATIO

Contrast Ratio
450,000:1

DESIGN

Cabinet Color
Silver

Kensington Lock
Yes

Local Key
One Key

SIZE

Net Size (mm) (W x D x H)
80 x 135 x 135

WEIGHT

Net Weight (kg or g)
1.49 kg

FEATURES

Digital Keystone Correction
Edge Adjustment (4/9/15 Point Warping)

HDR
HDR10, HLG

HDCP
HDCP2.2

TruMotion
up to 4096x2160

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

USB Host (Movie, Music, Photo)
Yes

Platform (OS, UI)
webOS 6.0 (Smart)

HDMI ARC(Audio Return Channel)
Earc

HDMI simplink(CEC)
Yes

Plug & Play(RGB/DVI/HDMI Auto Source Detection)
Yes

Eco Function - Auto Off / Auto Sleep
Yes

Eco Function - Automatic Standby / Auto Power Off
Yes

Eco Function - Energy Saving Mode
Min/Med/Max

Eco Function - Sleep Timer
Yes

Eco Function - Time Power On/Off
Yes

Color Temperature Adjustment
Yes

Image Flip
Yes (Horizontal/Vertical)

LG Sound Sync(with Sound Bar)
Yes

Noise Reduction
Yes

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

Gamma Correction (Expert control)
Yes

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

Self Diagnosis
Yes

Setting Guide
Bean Bird

Wireless Contents Share (with Android, iOS)
Yes

Bluetooth Sound out
Yes

Contents Sharing (with DLNA supporting device)
Yes

Contents Suggestion
Yes

Black Level Control
Yes

Background Image
Yes

Bluetooth AV Sync Control
Yes

HID (Keyboard/Mouse/GamePad Connection Thru USB)
Yes

Brilliant Color™ (Overlap Duty)
Yes

Color gamut setting (Expert control)
Yes

Color Management System (Expert control)
Yes

Contents Store / LG Smart World (App Store)
Yes

Dynamic Color (Expert control)
Yes

Dynamic Contrast (Expert control)
Yes

FILMMAKER mode
Yes

HDR Tone Mapping
Auto, Dynamic/frame by frame

HGIG (HDR Gamming Interest Group) mode
Yes

Premium CP
Yes

Processor
Quad Core

Real Cinema
up to 4096x2160

Smooth Gradation
Yes

Super Resolution (Expert Control)
Yes (4K)

Upscaler
Yes (4K)

Voice Recognition - Buit-in
LG ThinQ

White balance setting (Expert control)
Yes

INPUT/OUTPUT TERMINALS

HDMI
1

LIGHT SOURCE

Type
3Ch Laser (R, G, B)

Life Hours
20,000 Hrs

PROJECTION SYSTEM

Projection System
DLP

PROJECTION IMAGE

Standard (lens to wall)
"80""@2.13m 100""@2.66m"

Throw Ratio
1.2

Screen Size
50" ~ 120"

SOUND

Clear Voice
Yes (Clear Voice III)

Output
3W Mono

Dolby Surround Audio
Yes (Pass Through)

TEMPERATURE

Operation Temperature

0 ~ 40℃

UNIFORMITY

Uniformity (JBMMA 9 Point)
85%↑

ACCESSORY

Manual (Full or Simple Book)
Simple Book

Conformances(Regulation)
CCC

Warranty Card
3 years

Quick User Guide (Quick Set-up Guide)
Yes

Remote Control - Normal
Yes

Remote Control - Motion
Ready

NOISE

Energy Saving Max. (Eco)
25 dB(A)↓

Energy Saving Min. (Bright)
29 dB(A)↓

Energy Saving Med.
27 dB(A)↓

INPUT SIGNAL COMPATIBILITY

Digital(HDMI)
Up to 4K (4096x2160) (60Hz, 50Hz, 24Hz)

PROJECTION LENS

Focus (Auto / Manual)
Motorized, Auto

Zoom
Fixed

PROJECTION OFFSET

Projection Offset
100%

POWER

Power Consumption (Max.)
65W

Stand-by Power
<0.5W

Power Supply
Adapter 65W