

All Spec

PROJECTION SYSTEM

Projection System
DLP

NATIVE RESOLUTION

Native Resolution
4K UHD (3840 x 2160)

BRIGHTNESS (ANSI LUMEN)

Brightness (ANSI Lumen)
3700

CONTRAST RATIO

Contrast Ratio
2,000,000:1

NOISE

Energy Saving Max. (Eco)
26dB(A)

Energy Saving Med.
28dB(A)

Energy Saving Min. (Bright)
30dB(A)

UNIFORMITY

Uniformity (JBMMMA 9 Point)
85%↑

PROJECTION LENS

Focus (Auto / Manual)
Manual

Zoom
Fixed

PROJECTION IMAGE

Screen Size
90"~120"

Standard (lens to wall)
Set to wall: 100"@10cm, Standard:
100"@42cm

Throw Ratio
0.19

PROJECTION OFFSET

Projection Offset
1.2

LIGHT SOURCE

Life Hours
20,000 Hrs

Type
3Ch Laser

ASPECT RATIO

Aspect Ratio Control
16:9/Original/4:3/Vertical Zoom/All-Direction
Zoom

SOUND

Clear Voice
YES (Clear Voice III)

Dolby Atmos compatible
YES (Pass through)

Output
40W (2.2ch)

SIZE

Net Size (mm) (W x D x H)
680 x 347 x 128

WEIGHT

Net Weight (kg or g)
13.1

TEMPERATURE

Operation Temperature
0 ~ 40℃

INPUT SIGNAL COMPATIBILITY

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

INPUT/OUTPUT TERMINALS

Audio out	HDMI
S/PDIF 1(Optical)	3
IP control	RJ45
YES (Control 4, Crestron, Savant, URC, ELAN)	1
USB Type-A	
2 (USB2.0)	

DESIGN

Cabinet Color	Ceiling mount hole (for bracket)
White	YES
Kensington Lock	Leg-Stand
YES	YES (4 Leg)
Local Key	
YES	

ACCESSORY

Conformances(Regulation)
KCC, KC, FCC, ETL, CE/CB, PSE

Quick User Guide (Quick Set-up Guide)
YES

Warranty Card
YES

Manual (Full or Simple Book)
Simple Book

Remote Control - Motion
YES (Magic Lighting Remote)

FEATURES

Airplay 2 (iOS/Mac Video Casting, Mirroring, Audio Streaming)
YES (up to 4K/30Hz)

Black Level Control
YES

Bluetooth Sound out
YES

Brightness Optimizer - Iris Mode
YES (BrightRoom / Medium / Darkroom / User)

Color Management System (Expert control)
YES

Contents Sharing (with DLNA supporting device)
YES

Dynamic Black
YES

Dynamic Contrast (Expert control)
YES

Eco Function - Auto Off / Auto Sleep
YES

Eco Function - Sleep Timer
YES

FILMMAKER mode
YES

HDCP
HDCP 2.2

HDMI simplink(CEC)

Background Image
YES

Bluetooth AV Sync Control
YES

Brightness Optimizer - Adaptive Contrast
YES (High / Medium / Low / Off)

Color gamut setting (Expert control)
YES

Color Temperature Adjustment
YES

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

Dynamic Color (Expert control)
YES

Eco Function - Automatic Standby / Auto Power Off
YES

Eco Function - Energy Saving Mode
YES (Min/Med/Max)

Eco Function - Time Power On/Off
YES (On / Off)

Gamma Correction (Expert control)
YES

HDMI ARC(Audio Return Channel)
YES (eARC)

HDR

YES

HDR10, HLG

HDR Tone Mapping
YES (Auto, Dynamic/frame by frame)

HGiG (HDR Gamming Interest Group) mode
YES

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

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

Image Flip
YES (Horizontal/Vertical)

LG Sound Sync(with Sound Bar)
YES

Noise Reduction
YES

Platform (OS, UI)
Non Smart

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

Premium CP
YES

Processor
Quad Core

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

Real Cinema
YES (up to 4096x2160)

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

Self Diagnosis
YES

Setting Guide
YES (Bean Bird)

Smooth Gradation
YES

Store Mode
YES

Super Resolution (Expert Control)
YES (4K)

TruMotion
YES (up to 4096x2160)

Upscaler
YES (4K)

USB Host (Movie, Music, Photo)
YES

White balance setting (Expert control)
YES

Wireless Contents Share (with Android, iOS)
YES

POWER

Power Consumption (Max.)
350W

Power Supply
100V – 240V @ 50~60 Hz (PSU Built-in)

Stand-by Power
<0.5W