

Epson EH-LS650W

EPSON EH-LS650W



Brief Introduction

Beta 2.5

The Epson EH-LS650W is an LCD laser projector with UHD (4K2K+) 3840 x 2400 resolution and a contrast of 2500000:1. The manufacturer Epson states a lifespan of 20000 hours, which would be 13.7 years with 4 hours of viewing per day. This projector has a projection ratio of only 0.25:1. For a 2-meter-wide image, the projector only has to be 50 cm away from the screen. With integrated Android TV software, it offers direct access to a variety of streaming services such as Netflix, Disney+, Amazon Prime Video and YouTube, as well as games and other interactive content. The projectors built-in Google Assistant opens up many practical possibilities such as voice-controlled navigation, smart home control, and listening to music. The projector has Chromecast and screen mirroring support, which allows it to play videos in high resolution and surround sound from smartphones, tablets, and PCs running Android, Windows, or iOS directly over Wi-Fi. In addition, the Bluetooth option is a useful addition for the projector, especially for wireless audio transmission. Furthermore, it is Full HD 1080P and 4K compatible.

Display Type

3 x 0,62" LCD C2 Fine Panel
UHD 4/3 Liquid Crystal Display

Ansi-Lumen

3600

Contrast

2500000:1 full on/off

Black Level

0,0014 min. Lumen

Offset

0 min. Lumen

Resolution

UHD (4K2K+) 3840 x 2400
9.216.000 Pixel / WUXGA E-Shift

Video Modes

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, 3D, EDTV 480p, 576p

Disc Recognition

DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray (60p)

Application

Short Distance | Medium screen width or rooms with a little more ambient light, max. 200 lumens.

Light Source

Laser

Light Life

20000 h.

Operating Costs

0,00 € Laser

Focus

Powered

Zoom

No Zoom 2,38

Objective

F=1,6 f=3,7mm

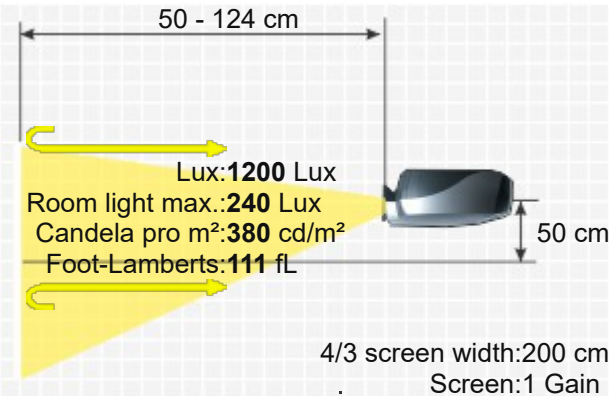
Throw Ratio

0,25-0,62:1

Audio

20W YAMAHA

1200 Lux (200 cm Screen width)
2500000:1 full on/off
0 min. Lumen



2x HDMI (HDCP2.3, eARC) in
3x USB-A 2.0 in
USB-B (service)
Bluetooth (optional)

Connections



Ceiling Mounting
Power
Size WxHxD
Operating Noise

-
234W / 178W Eco
467 x 153 x 400 mm (18,4"x6"x15,7") 28,58 L/dm³
36 / 23 dB in Eco Mode

Weight
Keystone
Illumination

7,40 kg / 15,43 lbs.
Vertical automatisch
-

Frequenz

V-sync: 192-240 Hz

Foot-Lamberts

111 fL / max. 523 cm screen width
380 cd/m²
■ Full HD 1080P compatible
■ Eco Mode
■ Automatic and manual vertical keystone correction
■ Kensington Slot
■ High Dynamic Range (HDR)
■ Wi-Fi network compatible.
■ Short-throw projector
■ Android TV with Google Assistant, Google Play
■ Point correction

Features

Screen Mirroring

Chromecast

Status

2024 Current model // Last update of the data: 2026-05-05
Created: 2025-03-19 15:26:00

Data



More Details



HCinema

<https://www.projector-database.com/pro/epsonehls650w-en.html>

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