

Epson EB-870E

EPSON EB-870E



The EB-870E laser LCD projector from Epson has 5,000 ANSI lumens, a contrast ratio of 5,000,000: 1 and an HDTV resolution of 1920 x 1080. Thanks to its laser technology, the projector has a lamp life of up to 20,000 hours, which equates to over 13.7 years at 4 hours? use per day. As the projector features horizontal and vertical keystone correction, it can be positioned with plenty of space around it in the room. Thanks to its short-throw projection ratio of just 0.25:1, the projector does not obstruct the room. To project a 2-metre-wide image, the projector needs to be positioned just 50 cm from the screen. The projector is fitted with a microphone jack and a 16W speaker, so no additional speakers are required for presentations or training sessions. Should the image still be too small, the projector offers built-in edge-blending software, which allows multiple projectors to combine their output to create a single large image. The model recognises AirPlay and Miracast screen mirroring signals, making it possible to stream high-resolution videos with surround sound directly via Wi-Fi from a smartphone, tablet or PC (Android, Windows and iOS) via Wi-Fi. Furthermore, it is compatible with Full HD 1080p and 4K (compressed), and even has the capability to project HD 1080p and 4K (compressed) Blu-rays onto the ceiling thanks to its 360° projection.



3 x Epson Poly-Silicon TFT Active Matrix LCD Panel
HDTV 16/9 Liquid Crystal Display

Brief Introduction

Beta 2.5

Display Type

Ansi-Lumen

Contrast

Black Level

Offset

Resolution

Video Modes

Disc Recognition

Application

Light Source

Light Life

Operating Costs

Focus

Zoom

Objective

Throw Ratio

Audio

5000
5000000:1
0,0010 min. Lumen
2222 Lux (200 cm Screen width)
5000000:1
0 min. Lumen

HDTV 1920 x 1080

2.073.600 Pixel

UHD (4K2K) 3840 x 2160 compressed

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD (komprimiert), EDTV 480p, 576p

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

Short Distance | Wide screen width or rooms with plenty of light (over 200 lumens).

Laser

20000 h. / 30000 h. in Eco Mode

0,00 € Laser

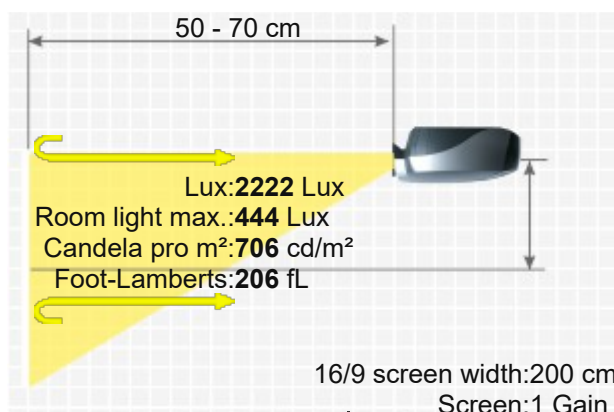
Manual

Manual 1,4

F=1,6 f=3,7mm

0,25-0,35:1

16W Mono



3x HDMI (with HDCP 2.3 protection) in
HDMI (with HDCP 2.3 protection) out
Audio Mini Jack out
Microphone In
USB-B (Service)
2x USB-A (USB memory/ document camera) (5V/2A)
RJ45 Lan
RS-232C



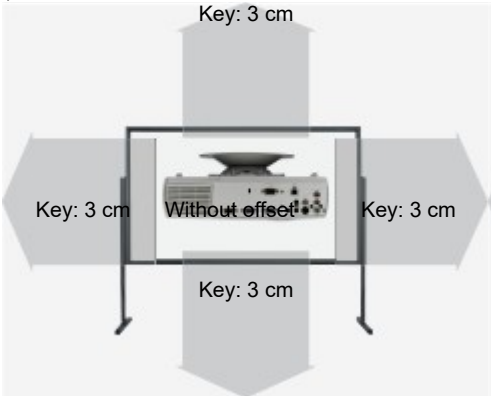
Connections

Ceiling Mounting
Power
Size WxHxD
Operating Noise

Yes, is possible.
320W Normal / 247W Eco
375,9 x 172,7 x 396,2 mm (14,8"x6,8"x15,6") 25,54 L/dm³
32 / 25 dB in Eco Mode

Weight
Keystone
Illumination
Frequenz

7,03 kg / 15,43 lbs.
Vert.: +/-3°
Hori.: +/-3°
-
-



Foot-Lamberts

206 fL / max. 564 cm screen width
706 cd/m²
■ Full HD 1080P compatible
■ Eco Mode
■ Kensington Slot
■ 360° installable
■ Edge Blending
■ Wi-Fi network compatible.
■ Lan network compatible.
■ Short-throw projector
■ OS-agnostic UX (Google Workspace? or Microsoft 365?)
■ Epson Classroom Connect
■ Epson Setting Assistant app
■ NFC (copying and transferring projector settings)
■ Epson Projector Management (Fleet Management)
■ 21:9 Mode
■ Landscape or Portrait Mounting
■ Split Screen (up to 2 screens)

Features

Screen Mirroring

Miracast, Airplay, Windows, Epson Classroom Connect

Optional accessories



Deckenhalterung Länge 100-120 mm

Halterung100

47,86 €

Status

2026 Current model // Last update of the data: 2026-08-11
Created: 2026-07-29 08:30:52

Data





HCinema

<https://www.projector-database.com/pro/epsoneb870e-en.html>

More Details

Due to our ongoing commitment to continuously improve the quality of our projector database, this brochure is also subject to change without notice. HCinema is not responsible for any errors or omissions contained in product descriptions.