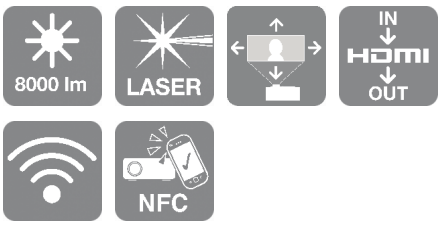
# EB-L890E

DATASHEET / BROCHURE



## Compact, sustainability–lead projector driving affordable installation flexibility and usage

The EB-L890E delivers 8,000 lumens, WUXGA resolution with 4K Enhancement, HDR and advanced installation features. It offers up to 30,000 hours of maintenance-free projection in Eco mode. Featuring a lens shift display, 1.6x zoom, and 10W speakers, it's ideal for professional applications and offers flexible control options via HDBaseT, LAN, and wireless.

**Powerful, spectacular and vibrant visuals for any space**
The EB-L890E delivers 8,000 lumens of brightness, WUXGA with 4K Enhancement 3LCD technology, ensuring sharp, vibrant visuals. With precise lens shift and built-in 10W speakers, it’s ideal for lecture halls, auditoriums, and training rooms. Its compact white chassis allows for easy installation and quiet operation, making it perfect for a variety of professional environments, including medium and large meeting rooms, classrooms, and open spaces -even in brightly lit conditions.

**Easy-to-setup, big impact**
Offering flexible installation with a standard throw ratio of 1.35–2.2:1 and 1.6x optical zoom, the EB-L890E can project images up to 500''. Improved geometry correction and the optional ELPEC01 camera, combined with the Epson Projector Professional Tool, enable quick and easy setup and calibration, streamlining advanced installation techniques for any space.

**Smart control for seamless experience**
The EB-L890E enhances usability with NFC for easy large-scale rollouts using the Epson Projector Config Tool. Its user-friendly OSD menu simplifies navigation, while Epson’s EPMC cloud monitoring allows effortless remote management. Fully compatible with Crestron XiO Cloud, it offers centralised control. OTA firmware updates ensure the projector remains up-to-date, improving performance for a seamless experience.

**Proven brand reliability**
Engineered for long-lasting performance, the EB-L890E features fit-and-forget laser technology, backed by a 3-year warranty. It minimises maintenance needs, reduces downtime, and offers peace of mind with Epson’s renowned after-sales support.

**Environmentally friendly design**
Built with sustainability in mind, our projectors are manufactured using 100% renewable electricity[2] and packaged in 100% recyclable cardboard. With low maintenance and energy consumption and benefits from end-of-life recycling and energy recovery services across Europe.

## KEY FEATURES

- **8,000 lumens brightness with 4K Enhancement technology at 60Hz**
  Delivering sharp, bright images with up to 4.6 million pixels, this budget-friendly laser projector is perfect for large displays in professional spaces.
- **Compact design with scalable images up to 500”**
  A lightweight design that simplifies transport and installation while delivering scalable images up to 500” for high-quality performance in any environment.
- **Effortless, flexible installation**
  A fixed centre lens display with a wide lens shift and advanced installation features, ensuring an easy and adaptable setup for any environment.
- **Quiet operation**
  Provides high-performance display at a low noise level of 26dB in Eco mode, ensuring a quiet and focused environment for presentations and meetings.
- **Making sustainable choices with Epson**
  Made from 19% recycled plastics, low power consumption, reduced packaging and a usage life of up to 30,000 hours in Eco mode (20,000 hours normal).

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## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **TECHNOLOGY** | |
| Projection System | 3LCD Technology, RGB liquid crystal shutter |
| LCD Panel | 0,67 inch with C2 Fine |
| **IMAGE** | |
| Color Light Output | 8.000 Lumen- 5.600 Lumen (economy) In accordance with IDMS15.4 |
| White Light Output | 8.000 Lumen - 5.600 Lumen (economy) In accordance with ISO 21118:2020 |
| Resolution | WUXGA |
| Resolution Enhancement | 4K enhancement |
| Aspect Ratio | 16:10 |
| Contrast Ratio | Over 5.000.000 : 1 |
| Light source | Laser |
| Laser Light source | 20.000 hours Durability High, 30.000 hours Durability Eco |
| Keystone Correction | Manual vertical: ±30 °, Manual horizontal ±30 ° |
| Colour Video Processing | 10 Bits |
| Colour Reproduction | Upto 1.07 billion colours |
| **OPTICAL** | |
| Throw Ratio | 1,35 - 2,20:1 |
| Zoom | Manual, Factor:1 - 1,6 |
| Lens | Optical |
| Lens Shift | Manual - Vertical ±50 %, horizontal ±20 % |
| Screen Size | 50 inches - 500 inches |
| Projection Distance Wide | 1,5 m - 14,9 m |
| Projection Distance Tele | 2,4 m - 24,4 m |
| Projection Distance Wide/Tele | 1,49 m - 24,35 m |
| Projection Lens F Number | 1,5 - 1,7 |
| Projection Lens Focal Length | 20 mm - 31,8 mm |
| Projection Lens Focus | Manual |
| **CONNECTIVITY** | |
| Interfaces | USB 2.0-A (2x), USB 2.0 Type B (Service Only), RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11a/b/g/n/ac, HDMI out, HDBaseT, Miracast, Jack plug out, HDMI (HDCP 2.3) (2x), Near Field Communication (NFC), Apple AirPlay 2 |
| Epson iProjection App | Ad-Hoc / Infrastructure |
| Network Protocol | HTTPS, SNMP, ESC/VP.net, PJLink |
| **ADVANCED FEATURES** | |
| Security | Kensington lock, Control panel lock, Padlock, Security cable hole, Wireless LAN unit lock, Password protection |
| 2D Colour Modes | Dynamic, Natural, Cinema, Presentation, DICOM SIM |
| Other features | 21:9 aspect ratio support, 4K enhancement, A/V mute, Auto Power On, Built-in speaker, Customizable user logo, Direct Power on/off, Document Camera Compatible, Edge Blending, Home Screen, JPEG Viewer, Network projection, OSD copy function, PC Free, Point correction, Quick Corner, Schedule Function, Screen Mirroring, Split-Screen-Function, Ultra-wide display (16:6), Web Control, Web Remote, Wireless LAN capable, iProjection App |
| Video Color Modes | Cinema, Dynamic, Natural, Presentation, DICOM SIM, Multi Projection, BT709 |
| Projector control | via: Crestron Integrated Partner, Extron XTP, AMX Device Discovery |

**EB-L890E**

## WHAT'S IN THE BOX

- Main unit
- Power cable
- Remote control incl. batteries
- User guide
- Warranty document
- Quick Start Guide

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## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **GENERAL** | |
| Power consumption | 388 Watt (Normal On-Mode), 266 Watt (Eco On-Mode), 450 Watt (Normal Peak-mode), 330 Watt (Eco Peak-Mode), 0,4 Watt (Energy saving standby) |
| Supply Voltage | AC 100 V - 240 V, 50 Hz - 60 Hz |
| Product dimensions | 440 x 340 x 138 mm (Width x Depth x Height) |
| Product weight | 8,5 kg |
| Noise Level | Normal:36 dB (A) - Economy:26 dB (A) |
| Supported Temperature | Storage -10° C - 60° C |
| Supported Humidity | Operation 20% - 80%, Storage 10% - 90% |
| Options | Air filter, Camera module, Ceiling mount, Document camera, External Speaker, HDBaseT Transmitter, Safety wire set, Suspension adapter, WP System - ELPWP20 |
| Room Type / Application | Boardroom, Large Meeting Room / Auditorium, Meeting room / Classroom, Projection Mapping, Rental / Staging, Signage / Retail, Visitor Attraction |
| Positioning | Ceiling Mounted, Desktop |
| Colour | White |
| TCO Certified | For further information relating to TCO Certified please visit https://tcocertified.com/files/certification/Information-document-for-end-users.pdf |
| **OTHER** | |
| Warranty | 36 months Carry in<br>Optional warranty extension available |

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## OPTIONAL ACCESSORIES

- Cable Cover - ELPCC07W-White - L6/7/89x Series
  V12H003AP0
- Cable Cover - ELPCC07B-Black - L6/7/89x Series
  V12H003AQ0
- Air Filter - ELPAF65 - L6/7/89x Series
  V13H134AF0
- Ceiling Mount (White) - ELPMB22
  V12H003B22
- Ceiling Mount (Low profile) - ELPMB30
  V12H526040
- Ceiling Pipe (700mm) - ELPFP14
  V12H003P14
- Ceiling Pipe (450mm) - ELPFP13
  V12H003P13
- Safety Wire - ELPWR01
  V12H003W01
- Active Speakers (2 x 15W) - ELPSP02
  V12H467040

## LOGISTICS INFORMATION

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|---|---|
| SKU | V11HB24040 |
| EAN code | 8715946737928 |
| Country of Origin | Philippines |
| Layer | 2 Units |

## Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
  V12HA42040

## Visualizers

- ELPDC07
  V12H759040
- ELPDC13
  V12H757040
- ELPDC21
  V12H758040
- ELPDC30
  V12HB09080



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