

EB-L890U

DATASHEET / BROCHURE



Compact, sustainability-lead projector driving affordable installation flexibility and usage

The EB-L890U delivers 8,000 lumens, WUXGA resolution, HDR and advanced installation features. It provides up to 30,000 hours of maintenance-free projection in Eco mode. Featuring a fixed centre lens with manual lens shift, 1.6x zoom and 10W speakers, it's ideal for professional applications and offers flexible control options via HDBaseT, LAN and wireless.

Powerful, vibrant visuals for any space

The EB-L890U delivers 8,000 lumens of brightness and WUXGA resolution with 3LCD technology, ensuring sharp, vibrant visuals. Its precise lens shift and built-in 10W speakers enhance performance, while the compact white chassis allows for easy installation and quiet operation. Ideal for lecture halls, auditoriums, training rooms, and other professional environments, it performs exceptionally well even in brightly lit spaces.

Easy-to-setup, big impact

With flexible installation options including a standard throw ratio of 1.35–2.2:1 and 1.6x optical zoom, the EB-L890U can project images up to 500". Advanced geometry correction and the optional ELPEC01 camera, combined with the Epson Projector Professional Tool, enable quick, straightforward setup and calibration—streamlining advanced installation for any space.

Smart control for seamless experience

The EB-L890U 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-L890U 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* 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

- **Exceptional 8,000 lumens display with WUXGA resolution**
Ideal for meeting rooms, lecture halls and more. This compact, budget-friendly laser projector delivers high-quality performance in any setting.
- **Compact design with scalable images up to 500"**
The lightweight design simplifies transport and installation while offering scalable images up to 500" for maximum flexibility.
- **Effortless, flexible installation**
With a fixed centre lens display, wide lens shift, and advanced features, setup is easy and adaptable to any environment.
- **Quiet operation**
Enjoy high-performance display with a low noise level of 26dB in Eco mode, ensuring a quiet, 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).

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 |
| 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: $\pm 30^\circ$, Manual horizontal $\pm 30^\circ$ |
| Colour Video Processing | 10 Bits |
| Colour Reproduction | Upto 1.07 billion colours |

OPTICAL

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|-------------------------------|--|
| Throw Ratio | 1.35 - 2.20:1 |
| Zoom | Manual, Factor:1 - 1.6 |
| Lens | Optical |
| Lens Shift | Manual - Vertical $\pm 50\%$, horizontal $\pm 20\%$ |
| Screen Size | 50 inches - 5,000 inches |
| Projection Distance Wide | 1.4 m - 14.8 m |
| Projection Distance Tele | 2.4 m - 23.8 m |
| Projection Distance Wide/Tele | 1.44 m - 23.84 m |
| Projection Lens F Number | 1.5 - 1.7 |
| Projection Lens Focal Length | 20 mm - 31.8 mm |
| Projection Lens Focus | Manual |

CONNECTIVITY

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|-----------------------|--|
| 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) |
| Epson iProjection App | Ad-Hoc / Infrastructure |
| Network Protocol | HTTPS, SNMP, ESC/VP.net, PJLink |

ADVANCED FEATURES

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|-------------------|---|
| 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, 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-L890U

WHAT'S IN THE BOX

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

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 |

OTHER

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|----------|---|
| Warranty | 36 months Carry in Optional warranty extension available |
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OPTIONAL ACCESSORIES

- 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
V12H467040DA
- Active Speakers (2 x 15W) - ELPSP02
V12H467040
- HDBaseT Transmitter - ELPHD01
V12H547040
- Camera Unit - ELPEC01
V12HA46010

EB-L890U

LOGISTICS INFORMATION

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|-------------------|---------------|
| SKU | V11HB27040 |
| EAN code | 8715946737959 |
| Country of Origin | Philippines |

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
V12HA42040
-

Visualizers

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

* Warranty offers are not available for all countries. Please contact your local Epson representative.

For further information please contact your local Epson office or visit www.epson-europe.com

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Spain 93 582 15 00 Sweden 0771-400135 (Mobilsamtal – 0,99 kr/min, Lokala samtal – 0,30 kr/min, Utlandssamtal – 0,89 kr/min) Switzerland 022 592 7923

Turkey (0212) 3360303 United Kingdom 0871 222 6702

1. Epson has achieved 100% renewable electricity at all Epson group owned sites worldwide.

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