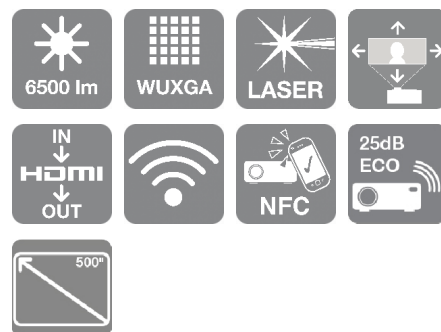


EB-L690U



DATASHEET / BROCHURE



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

The EB-L690U offers 6,500 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-L690U delivers 6,500 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-L690U can project images up to 500 inches. 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-L690U 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-L690U 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 electricity² 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.

Stream and share easily

With Apple AirPlay 2 and Miracast connectivity¹, sharing content is quick and simple - users can wirelessly mirror their device screens to the display for seamless collaboration. The USB-A port also enables PC-free streaming, while additional options like HDBaseT and HDMI daisy-chaining further enhance flexibility.

KEY FEATURES

- **Exceptional 6,500 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 projector with a low noise level of 25dB in Eco mode, ensuring a quiet, focused environment for presentations and meetings.
- **Instant connectivity with Apple AirPlay 2 and Miracast¹**
Seamlessly share content from laptops, tablets, and smartphones - perfect for BYOD setups and collaborative environments.
- **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).
- **Legal Statement**
Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates for 7 years from purchase

PRODUCT SPECIFICATIONS

TECHNOLOGY

| | |
|-------------------|---|
| Projection System | 3LCD Technology, RGB liquid crystal shutter |
| LCD Panel | 0.67 inch with C2 Fine |

IMAGE

| | |
|-------------------------|---|
| Color Light Output | 6,500 Lumen- 4,550 Lumen (economy) In accordance with IDMS15.4 |
| White Light Output | 6,500 Lumen - 4,550 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

| | |
|-------------------------------|--|
| 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 - 500 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

| | |
|-----------------------|---|
| 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, 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-L690U

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 | 336 Watt (Normal On-Mode), 233 Watt (Eco On-Mode), 399 Watt (Normal Peak-mode), 295 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 | 8.2 kg |
| Noise Level | Normal:32 dB (A) - Economy:25 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 |
| Loudspeaker | 10 Watt |
| Room Type / Application | Large Meeting Room/Boardroom, Auditorium, Meeting room / Classroom, Projection Mapping, 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 Optional warranty extension available |
|----------|---|

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| Positioning | Ceiling Mounted, Desktop |
| Colour | White |
| TCO Certified | For further information relating to TCO Certified please visit https://tco certified.com/files/certification/Information-document-for-end-users.pdf |

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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
V12H467040DA

LOGISTICS INFORMATION

| | |
|-------------------|---------------|
| SKU | V11HB29040 |
| EAN code | 8715946737980 |
| Country of Origin | Philippines |
| Layer | 2 Units |
| Layer Block | 2 Units |

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
V12HA42040

Visualizers

- ELPDC07
V12H759040
- ELPDC13
V12H757040DA
- ELPDC21
V12H758040DA
- ELPDC30
V12HB09080



For more information please contact:

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Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
Or visit us at <https://www.epson.co.uk/contactus>
* 10p per minute plus network extras.

Web: www.epson.co.uk
www.epson.ie

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