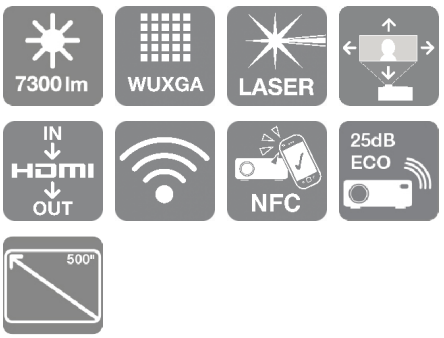
EB-L790U

DATASHEET / BROCHURE



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

The EB-L790U offers 7,300 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-L790U delivers 7,300 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-L790U 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-L790U 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-L790U 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.

Stream and share easily
With Apple AirPlay 2 and Miracast connectivity[1], 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

- **Spectacular 7,300 lumens projector with WUXGA resolution**
  Ideal for meeting rooms, lecture halls and more. This compact, budget-friendly laser display 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**
  A 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 Miracast[1]**
  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).

EPSON®

PRODUCT SPECIFICATIONS

TECHNOLOGY	
Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.67 inch with C2 Fine
IMAGE	
Color Light Output	7,300 Lumen- 5,110 Lumen (economy) In accordance with IDMS15.4
White Light Output	7,300 Lumen - 5,110 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: ±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	1.4 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 (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-L790U

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	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:34 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, 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 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
  V12H467040DA

LOGISTICS INFORMATION

SKU	**V11HB28040**
EAN code	**8715946737973**
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

* 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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Switzerland 022 592 7923
Turkey (0212) 3360303 United Kingdom 0871 222 6702

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

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