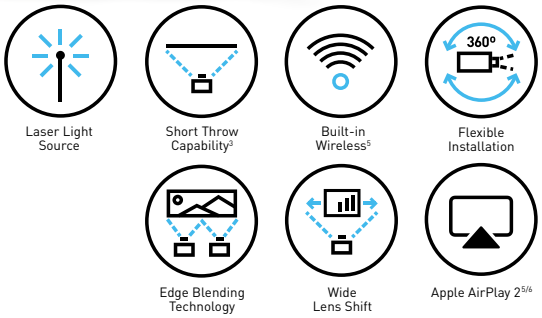
BUSINESS PROJECTORS
EB-L690E/L890E/L690U/L790U/L890U/ L690SE/L790SE/L690SU

EPSON

EMPOWERING BUSINESSES WITH SCALABLE PROJECTION TECHNOLOGY.

Transform Any Space with Versatile, High-Performance Projectors

The new compact L-Series business range projectors feature 4K Enhancement technology[1] and up to 8,000 lumens[2] of brightness for vibrant visuals. Designed for efficiency, these projectors offer exceptional flexibility with short throw[3] capabilities, making them perfect for art spaces, simulators, and entertainment spaces. The built-in NFC function simplifies setup via the Epson Projector Config app, while features like center-lens placement, 360° installation, and diverse connectivity options provide a high-performance solution for any environment.



ENGINEERED FOR good

3LCD | LASER LIGHT SOURCE | 4K Enhancement | #1 PROJECTOR BRAND WORLDWIDE 2001-2024 SOURCE: FUTURESOURCE CONSULTING | 3 YEARS

Superior Image Quality
Enjoy sharp visuals with up to 8,000 lumens[1] and 4K Enhancement technology[1], ensuring vibrant images even in bright environments.

Flexible Installation
The compact design, with 360º rotation and a built-in NFC function, allows for easy stacking and offers a variety of installation options.

Fast and Easy Connectivity
Enjoy convenient projection with wireless connections offering faster speeds, eliminating the hassle of cables.

[1] For selected models. [2] For EB-L890U. [3] For EB-L690SE, EB-L790SE and EB-L690SU. [4] For EB-L690SE. [5] Except EB-L690SE. [6] AirPlay 2 is a wireless media streaming protocol developed by Apple.

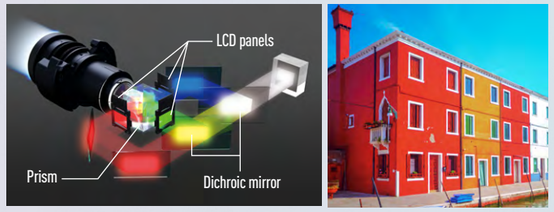
True-to-Life Image Quality

Delivers bright, clear visuals even in bright environments and across large surfaces.

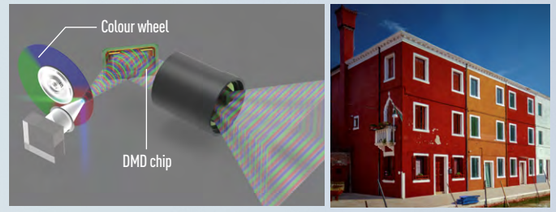
Excellent Image Quality

Epson's 3LCD technology produces bright, vivid colours and delivers highly visible images. The laser light source provides more natural-looking whites and clearer images.

3LCD TECHNOLOGY



1-CHIP TECHNOLOGY



Sharp Images with Extensive Quality Adjustment Features

Detail enhancement function ensures exceptional visibility, delivering the perfect balance between images and text.

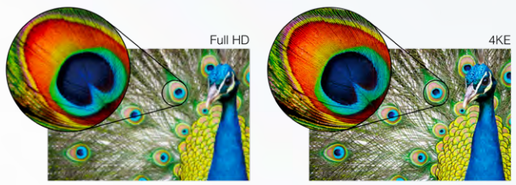
Function OFF

Function ON

4K Enhancement Technology

For selected models

A screen resolution equivalent to 4K is achieved by "pixel shifting," in which each pixel of the input video is shifted by 0.5 pixels vertically and horizontally to increase the resolution. The result is crisp, high-definition images.



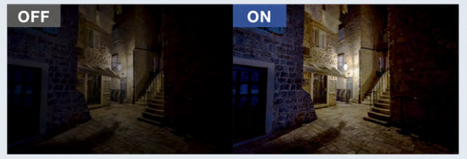
Deliver up to 4.6 million pixels with 4K Enhancement Technology.

Enhanced HDMI 4K Bandwidth

The HDMI 4K signal bandwidth has been expanded from 10.2Gbps to 18Gbps, supporting up to 3840×2160 at 60Hz RGB 8bit. It also supports 4K60Hz HDR formats, delivering vibrant, high-quality visuals.

Scene Adaptive Gamma Correction

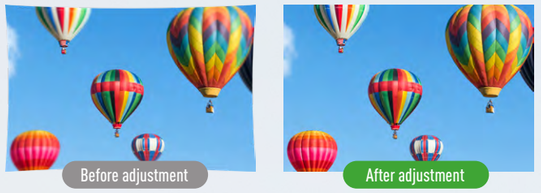
Epson projectors feature innovative Scene Adaptive Gamma Correction, which automatically adjusts image quality based on the content. This frame-by-frame optimisation enhances contrast, fine-tuning blacks in dark scenes and whites in bright scenes, delivering natural, lifelike visuals.



Corner Focus Adjustment Function

*For EB-L790SE, L690SE, L690SU

The short-throw models* feature a corner focus adjustment function that lets you fine-tune the focus at the edges of the screen, ensuring uniform image quality. Like the focus and zoom, it can be manually adjusted by rotating the ring.



Adaptable Setup

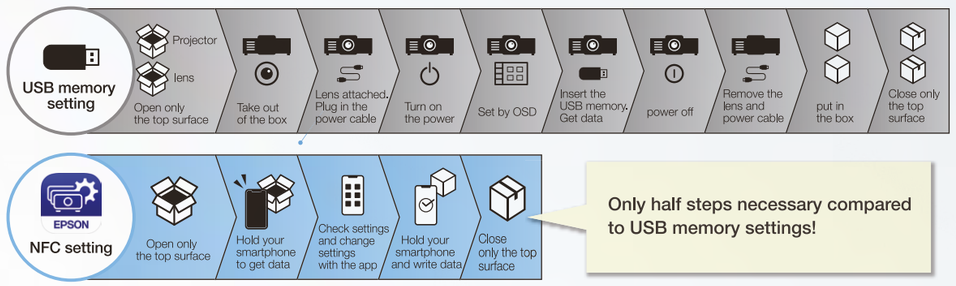
The compact and lightweight design allows for easy installation in confined spaces, offering flexible placement options for any environment or setup.

Enhanced Connectivity with HDMI OUT Terminal

The HDMI OUT terminal supports daisy-chaining to sub-displays, allowing screen duplication without a switcher.

Effortless Setup with NFC

NFC functionality allows seamless communication with smart devices even when the projector is powered off. This feature can be easily configured and monitored using the Epson Projector Config Tool on a smart device. It enables initial setup to be performed at the warehouse before transportation, reducing the time required for kitting and streamlining the installation process when deploying multiple projectors.

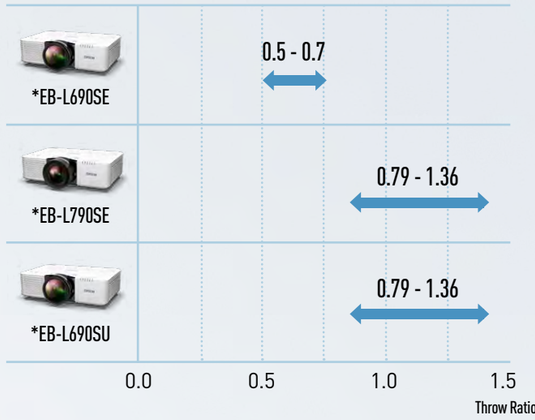


The short-throw line-up opens up endless possibilities for diverse applications and setups, from immersive simulations to interactive displays, across industries like education, entertainment, and the corporate sector.

Strengthening Our Lineup of Short-throw Models

Our short-throw projector lineup* offers even more versatile applications, making it possible to achieve exceptional performance in a wide range of environments.

Comparison of Throw Ratios



Zoom Lens with a Throw Ratio Starting from 0.5

Featuring a zoom lens with a throw ratio starting from 0.5, these projectors offer flexible installation options. They support ceiling-to-floor projection and allow easy angle adjustments for low ceilings, making them ideal for simulation spaces such as golf simulators.

Short-throw Lens with Optical Zoom Capability

A short-throw lens with optical zoom eliminates image quality loss from electronic zoom, allowing angle adjustments without quality loss.

Auto Geometry Correction Function Support

By combining the ELPEC01 external camera with Epson Projector Professional Tool software, the Auto Geometry Correction Function ensures quick and easy setup for multiple projectors. The 4K enhancement* feature further supports geometric correction, enabling high-resolution projection in any environment. Additionally, automatic stacking and blending corrections can be applied to both flat and curved walls.

*For selected models.

Geometry Correction Assist for Blending

Require External Camera

This feature streamlines multi-projector setups by automatically aligning and blending overlapping images, ensuring a seamless, uniform display with minimal manual effort.

Geometry Correction Assist for Stacking

Require External Camera

Elevate your setup with Stacking Assist via Epson Professional Tool. Easily stack two projectors and use Auto Tiling Assist for edge-blended, supersized images.

Screen Matching

Automatically adjusts colour inconsistencies when using multiple projectors.

Focus Function

Automatically calibrates the focus at the corners of the projected image upon powering on the projector.

With Corner Focus Adjustments

Wireless Connection with Miracast®

Except For EB-L690SE

Miracast® allows for easy connection of smart devices and laptops to the projector. The L890E series supports Miracast®, with no software installation required. The quick wireless connection ensures a smooth presentation experience and eliminates the need for cumbersome cables.

Disclaimer: Miracast® is a registered trademark of Wi-Fi Alliance®. Please note that laptops and smart devices must also be Miracast®-compatible to use this feature.

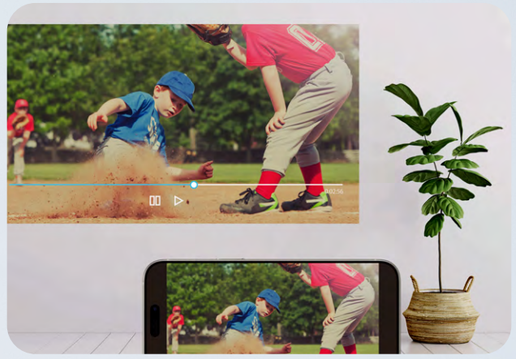
Seamless Streaming Made Easy with AirPlay 2

Except For EB-L690SE

This projector features built-in Apple AirPlay 2, making it easy to stream videos, music, photos, and more directly from your iPhone, iPad, or Mac, with synchronized playback across other AirPlay-enabled devices.

Works with Apple AirPlay

Disclaimer: AirPlay 2 is a wireless media streaming protocol developed by Apple.



Experience the Future of Connectivity with Wi-Fi 6

The L890E series supports Wi-Fi 6, providing faster speeds, lower latency, and improved performance in crowded environments. Wi-Fi 6 ensures smooth streaming, seamless video conferencing, and faster downloads.

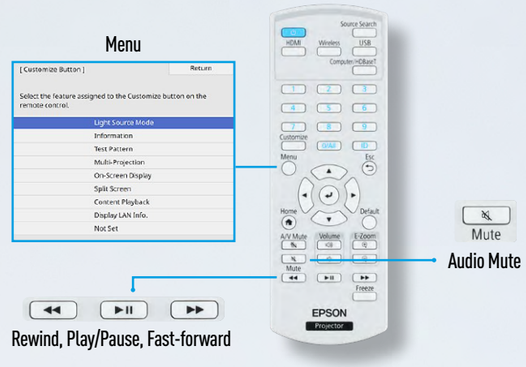
Wi Fi 6 CERTIFIED

Supports Epson Projector Management Connected

Streamline daily operations with EPM / EPM Connected support, allowing efficient status monitoring and issue identification. Enjoy reliable monitoring without the need for additional equipment, and easily install in any LAN environment without a PC.

Improved Usability

Designed with a user-friendly interface, it offers easy navigation both on the device and via remote control. Intuitive features and straightforward controls ensure that users can operate it effortlessly, providing a hassle-free experience every time.



SPECIFICATIONS

MODEL NUMBER		EB-L690E	EB-L890E
SKU Code		V11HB25080	V11HB24080
Projection Technology		RGB liquid crystal shutter projection system (3LCD)	
Specifications of Main Parts			
LCD	Size	0.67" (C2 Fine)	
	Driving Method	Poly-silicon TFT active matrix	
	Pixel Number	2,304,000 dots (1920 x 1200) x 3	
	Native Resolution	WUXGA (4K Enhancement)	
	Aspect Ratio	16:10	
	Pixel Arrangement	Cross stripe	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)	
	F-Number	1.5 – 1.7	
	Focal Length	20.0 – 31.8 mm	
	Zoom Ratio	1.0 - 1.60	
	Throw Ratio	1.35 – 2.20	
	Lens Shift	Vertical: ±50% (Manual) Horizontal: ±20% (Manual)	
Lightsource	Type	Laser Diode	
	Life (Normal / Extended)	20,000 hours / 30,000 hours	
Screen Size (Projected Distance)			
Zoom: Wide		50" – 500" [1.49 – 14.94 m]	
Zoom: Tele		50" – 500" [2.44 - 24.35 m]	
Brightness*1			
White Light Output (Normal / Eco)		6,500 lm / 4,550 lm	8,000 lm / 5,600 lm
Colour Light Output		6,500 lm	8,000 lm
Light Output (Center)*2		7,100 lm	8,700 lm
Contrast Ratio		Over 5,000,000:1	
Geometric Correction			
Projection Orientation		360° Free	
Vertical / Horizontal Keystone		±30° / ±30°	
Connectivity			
Digital Input	HDMI In	2 (HDCP 2.3)	
	HDBaseT	1 (HDCP 2.3)	
USB Input	USB Type A	2 (Port 1: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/2A Power Supply; Port 2: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/0.9A Power Supply	
	USB Type B	1 (For Firmware Update, Copy OSD Settings)	
Control I/O	RS-232C	1 (D-Sub 9pin)	
Digital Output	HDMI Out	1 (HDCP 2.3, supports only HDMI1 input)	
Audio Output	Stereo Mini	1	
Network	Wired LAN	RJ45 x 1 (100Mbps)	
	Wireless LAN	Built-in	
Miracast			
Certification		Wi-Fi CERTIFIED Miracast R2	
Supported Codec		H.264 (AVC)	
AirPlay 2			
Supported Codec		H.264(AVC), H.265(HEVC), AV1, VP9, MEPG-2, MPEG-4	
Internal Speaker		10 W Monaural	
Wireless Specification (Built-in Wireless LAN)			
Supported Speed		IEEE802.11a/b/g/n/ac/ax	
Supported Mode		Infrastructure, Simple AP (Wi-Fi Direct)	
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, EAP-TLS Simple AP (Wi-Fi Direct): WPA2-PSK (AES)	
Operating Temperature			
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> High Altitude (Over 2,286m/7,500ft): 0 - 40 °C <32 - 104°F> 20% - 80% Humidity, No Condensation	
Multi-Projection Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 40 °C <32 - 104 °F> High Altitude (Over 2,286m/7,500ft): 0 - 35 °C <32 - 95°F> 20% - 80% Humidity, No Condensation	
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)	
Direct Power On / Off		Yes	
Start-Up Period		12 seconds (Epson Logo); Warm-up Period: 30 seconds	
Quick Start-Up		Less than 8 seconds (Display)	
Cool Down Period		Instant Off	
Air Filter	Type	Electrostatic Filter	
	Maintenance Cycle*3	20,000 hours (Normal) / 30,000 hours (Extended)	
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)			
Laser Diode On	Normal	399 W	450 W
	Extended	295 W	330 W
Standby (Normal / Eco)		2.4 W / 0.4 W	
Dimension Excluding Feet (W x D x H)		440 x 304 x 122 mm	
Weight		Approx. 8.2kg	Approx. 8.5kg
Fan Noise (Normal / Eco)		32dB / 25dB	36dB / 26dB

*1 Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
*2 This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
*3 When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m3). Based on the Epson's in-house test results.

Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
User Guide

Optional Accessories
Cable Cover: ELPCC07W
Air Filter: ELPAF65
External Camera: ELPEC01
Ceiling Mount: ELPMB22, ELPMB30
Document Camera: ELPDC21, ELPDC30
Wireless Presentation System: ELPWP20

EB-L690E / EB-L890E

Dealer's Stamp

Information correct at time of printing.
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SPECIFICATIONS

MODEL NUMBER		EB-L690U	EB-L790U	EB-L890U
SKU Code		V11HB29080	V11HB28080	V11HB27080
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.67" (C2 Fine)		
	Driving Method	Poly-silicon TFT active matrix		
	Pixel Number	2,304,000 dots (1920 x 1200) x 3		
	Native Resolution	WUXGA		
	Aspect Ratio	16:10		
	Pixel Arrangement	Cross stripe		
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)		
	F-Number	1.5 – 1.7		
	Focal Length	20.0 – 31.8 mm		
	Zoom Ratio	1.0 - 1.60		
	Throw Ratio	1.35 – 2.20		
	Lens Shift	Vertical: ±50% (Manual) Horizontal: ±20% (Manual)		
Lightsource	Type	Laser Diode		
	Life (Normal / Extended)	20,000 hours / 30,000 hours		
Screen Size (Projected Distance)				
Zoom: Wide		50" – 500" [1.44 – 14.76 m]		
Zoom: Tele		50" – 500" [2.35 - 23.84 m]		
Brightness*1				
White Light Output (Normal / Eco)		6,500 lm / 4,550 lm	7,300 lm / 5,110 lm	8,000 lm / 5,600 lm
Colour Light Output		6,500 lm	7,300 lm	8,000 lm
Light Output (Center)*2		7,100 lm	7,900 lm	8,700 lm
Contrast Ratio		Over 5,000,000:1		
Geometric Correction				
Projection Orientation		360° Free		
Vertical / Horizontal Keystone		±30° / ±30°		
Connectivity				
Digital Input	HDMI In	2 (HDCP 2.3)		
	HDBaseT	1 (HDCP 2.3)		
USB Input	USB Type A	2 (Port 1: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/2A Power Supply; Port 2: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/0.9A Power Supply		
	USB Type B	1 (For Firmware Update, Copy OSD Settings)		
Control I/O	RS-232C	1 (D-Sub 9pin)		
Digital Output	HDMI Out	1 (HDCP 2.3, supports only HDMI1 input)		
Audio Output	Stereo Mini	1		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless LAN	Built-in		
Miracast				
Certification		Wi-Fi CERTIFIED Miracast R2		
Supported Codec		H.264 (AVC)		
AirPlay 2				
Supported Codec		H.264(AVC), H.265(HEVC), AV1, VP9, MEPG-2, MPEG-4		
Internal Speaker		10 W Monaural		
Wireless Specification (Built-in Wireless LAN)				
Supported Speed		IEEE802.11a/b/g/n/ac/ax		
Supported Mode		Infrastructure, Simple AP (Wi-Fi Direct)		
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, EAP-TLS Simple AP (Wi-Fi Direct): WPA2-PSK (AES)		
Operating Temperature				
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> High Altitude (Over 2,286m/7,500ft): 0 - 40 °C <32 - 104°F> 20% - 80% Humidity, No Condensation		
Multi-Projection Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 40 °C <32 - 104 °F> High Altitude (Over 2,286m/7,500ft): 0 - 35 °C <32 - 95°F> 20% - 80% Humidity, No Condensation		
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)		
Direct Power On / Off		Yes		
Start-Up Period		12 seconds (Epson Logo); Warm-up Period: 30 seconds		
Quick Start-Up		Less than 8 seconds (Display)		
Cool Down Period		Instant Off		
Air Filter	Type	Electrostatic Filter		
	Maintenance Cycle*3	20,000 hours (Normal) / 30,000 hours (Extended)		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Laser Diode On	Normal	399 W		450 W
	Extended	295 W		330 W
Standby (Normal / Eco)		2.4 W / 0.4 W		
Dimension Excluding Feet (W x D x H)		440 x 304 x 122 mm		
Weight		Approx. 8.2kg		Approx. 8.5kg
Fan Noise (Normal / Eco)		32dB / 25dB	34dB / 25dB	36dB / 26dB

*1 Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
*2 This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
*3 When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m3). Based on the Epson's in-house test results.

Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
User Guide

Optional Accessories
Cable Cover: ELPCC07W
Air Filter: ELPAF65
External Camera: ELPEC01
Ceiling Mount: ELPMB22, ELPMB30
Document Camera: ELPDC21, ELPDC30
Wireless Presentation System: ELPWP20

EB-L690U / EB-L790U / EB-L890U

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Dealer's Stamp

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SPECIFICATIONS

MODEL NUMBER		EB-L690SE	EB-L790SE
SKU Code		V11HB36080	V11HB26080
Projection Technology		RGB liquid crystal shutter projection system (3LCD)	
Specifications of Main Parts			
LCD	Size	0.67" (C2 Fine)	
	Driving Method	Poly-silicon TFT active matrix	
	Pixel Number	2,304,000 dots (1920 x 1200) x 3	
	Native Resolution	WUXGA (4K Enhancement)	
	Aspect Ratio	16:10	
	Pixel Arrangement	Cross stripe	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual) / Distortion (Manual)	
	F-Number	1.8 – 2.0	1.7 – 2.1
	Focal Length	7.54 – 10.55 mm	11.6 – 19.9 mm
	Zoom Ratio	1.0 - 1.4	1.0 - 1.7
	Throw Ratio	0.5 – 0.7	0.79 – 1.36
	Lens Shift	Vertical: ±50% (Manual) Horizontal: ±20% (Manual)	
Lightsource	Type	Laser Diode	
	Life (Normal / Extended)	20,000 hours / 30,000 hours	
Screen Size (Projected Distance)			
Zoom: Wide		100" – 500" [1.09 – 5.58 m]	60" – 400" [1.02 – 6.95 m]
Zoom: Tele		100" – 500" [1.54 - 7.84 m]	60" – 400" [1.75 – 11.89 m]
Brightness[*1]			
White Light Output (Normal / Eco)		6,000 lm / 4,200 lm	7,000 lm / 4,900 lm
Colour Light Output		6,000 lm	7,000 lm
Light Output (Center)[*2]		6,500 lm	7,600 lm
Contrast Ratio		Over 5,000,000:1	
Geometric Correction			
Projection Orientation		360° Free	
Vertical / Horizontal Keystone		±25° / ±25°	±30° / ±30°
Connectivity			
Digital Input	HDMI In	2 (HDCP 2.3)	
	HDBaseT	1 (HDCP 2.3)	
USB Input	USB Type A	2 (Port 1: For PC Free, Document Camera, Firmware update, Copy OSD Settings, Content playback, ELPEC01, Wireless LAN or 5V/2A Power Supply Port 2: For PC Free, Document Camera, Firmware update, Copy OSD Settings, Content playback, ELPEC01, Wireless LAN or 5V/0.9A Power Supply)	2 (Port 1: For PC Free, Document Camera, Firmware update, Copy OSD Settings, Content playback, ELPEC01 or 5V/2A Power Supply Port 2: For PC Free, Document Camera, Firmware update, Copy OSD Settings, Content playback, ELPEC01 or 5V/0.9A Power Supply)
	USB Type B	1 (For Firmware Update, Copy OSD Settings)	
Control I/O	RS-232C	1 (D-Sub 9pin)	
Digital Output	HDMI Out	1 (HDCP 2.3, supports only HDMI1 input)	
Audio Output	Stereo Mini	1	
Network	Wired LAN	RJ45 x 1 (100Mbps)	
	Wireless LAN	Optional	Built-in
Miracast			
Certification		N/A	Wi-Fi CERTIFIED Miracast R2
Supported Codec		N/A	H.264 (AVC)
AirPlay 2			
Supported Codec		N/A	H.264(AVC), H.265(HEVC), AV1, VP9, MEPG-2, MPEG-4
Internal Speaker		N/A	10 W Monaural
Wireless Specification (Built-in Wireless LAN)			
Supported Speed		N/A	IEEE802.11a/b/g/n/ac/ax
Supported Mode		N/A	Infrastructure, Simple AP (Wi-Fi Direct)
Supported Security Type		N/A	Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, EAP-TLS Simple AP (Wi-Fi Direct): WPA2-PSK (AES)
Wireless Specification (Optional Wireless LAN ELPAP11)			
Supported Speed		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps[*3], IEEE 802.11g (2.4GHz): 54 Mbps[*3], IEEE 802.11n (2.4GHz): 72.2 Mbps[*3], IEEE 802.11a (5GHz): 54 Mbps[*3], IEEE 802.11n (5GHz): 150 Mbps[*3], IEEE 802.11ac (5GHz): 325 Mbps[*3] Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps[*3], IEEE 802.11n (2.4GHz): 72.2 Mbps[*3], IEEE 802.11a (5GHz): 54 Mbps[*3], IEEE 802.11n (5GHz): 150 Mbps[*3], IEEE 802.11ac (5GHz): 325 Mbps[*3]	N/A
Supported Mode		Infrastructure, Access Point (Wi-Fi Direct)	N/A
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK (AES)	N/A
Operating Temperature			
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> High Altitude (Over 2,286m/7,500ft): 0 - 40 °C <32 - 104°F> 20% - 80% Humidity, No Condensation	
Multi-Projection Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 40 °C <32 - 104 °F> High Altitude (Over 2,286m/7,500ft): 0 - 35 °C <32 - 95°F> 20% - 80% Humidity, No Condensation	
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)	
Direct Power On / Off		Yes	
Start-Up Period		12 seconds (Epson Logo); Warm-up Period: 30 seconds	
Quick Start-Up		Less than 8 seconds (Display)	
Cool Down Period		Instant Off	
Air Filter	Type	Electrostatic Filter	
	Maintenance Cycle[*4]	20,000 hours (Normal) / 30,000 hours (Extended)	
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)			
Laser Diode On	Normal	415 W	450 W
	Extended	303 W	330 W
Standby (Normal / Eco)		2.4 W / 0.4 W	
Dimension Excluding Feet (W x D x H)		440 x 304 x 122 mm	
Weight		Approx. 9.3kg	Approx. 9.3kg
Fan Noise (Normal / Eco)		36dB / 26dB	36dB / 26dB

[*1] Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
[*2] This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
[*3] These modes and actual data throughputs depend on supported wireless mode of source devices and/or environment conditions.
[*4] When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m3). Based on the Epson's in-house test results.

Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
User Guide

Optional Accessories
Cable Cover: ELPCC07W
Air Filter: ELPAF65
External Camera: ELPEC01
Wireless LAN unit: ELPAP11*
Ceiling Mount: ELPMB22, ELPMB30
Document Camera: ELPDC21, ELPDC30
Wireless Presentation System: ELPWP20**

*Only for EB-L690SE. **Only for EB-L790SE.

EB-L690SE / EB-L790SE

Dealer's Stamp

Information correct at time of printing.
Printed June 2025

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Epson Authorised Service Centre 6 Harper Road, #04-01 Leong Huat Building, Singapore 369674. Epson Helpdesk: 800-120-5564. Please refer to www.epson.com.sg/contact for opening hours.

SPECIFICATIONS

MODEL NUMBER		EB-L690SU
SKU Code		V11HB31080
Projection Technology		RGB liquid crystal shutter projection system (3LCD)
Specifications of Main Parts		
LCD	Size	0.67" (C2 Fine)
	Driving Method	Poly-silicon TFT active matrix
	Pixel Number	2,304,000 dots (1920 x 1200) x 3
	Native Resolution	WUXGA
	Aspect Ratio	16:10
	Pixel Arrangement	Cross stripe
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual) / Distortion (Manual)
	F-Number	1.7 – 2.1
	Focal Length	11.6 – 19.9 mm
	Zoom Ratio	1.0 - 1.7
	Throw Ratio	0.79 – 1.36
	Lens Shift	Vertical: ±50% (Manual) Horizontal: ±20% (Manual)
Lightsource	Type	Laser Diode
	Life (Normal / Extended)	20,000 hours / 30,000 hours
Screen Size (Projected Distance)		
Zoom: Wide		60" – 400" [1.02 – 6.95 m]
Zoom: Tele		60" – 400" [1.75 - 11.89 m]
Brightness[*1]		
White Light Output (Normal / Eco)		6,200 lm / 4,340 lm
Colour Light Output		6,200 lm
Light Output (Center)[*2]		6,700 lm
Contrast Ratio		Over 5,000,000:1
Geometric Correction		
Projection Orientation		360° Free
Vertical / Horizontal Keystone		±30° / ±30°
Connectivity		
Digital Input	HDMI In	2 (HDCP 2.3)
	HDBaseT	1 (HDCP 2.3)
USB Input	USB Type A	2 (Port 1: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/2A Power Supply; Port 2: For PC Free, Document Camera, Firmware Update, Copy OSD Settings, Content Playback, ELPEC01 or 5V/0.9A Power Supply
	USB Type B	1 (For Firmware Update, Copy OSD Settings)
Control I/O	RS-232C	1 (D-Sub 9pin)
Digital Output	HDMI Out	1 (HDCP 2.3, supports only HDMI1 input)
Audio Output	Stereo Mini	1
Network	Wired LAN	RJ45 x 1 (100Mbps)
	Wireless LAN	Built-in
Miracast		
Certification		Wi-Fi CERTIFIED Miracast R2
Supported Codec		H.264 (AVC)
AirPlay 2		
Supported Codec		H.264(AVC), H.265(HEVC), AV1, VP9, MEPG-2, MPEG-4
Internal Speaker		10 W Monaural
Wireless Specification (Built-in Wireless LAN)		
Supported Speed		IEEE 802.11a/b/g/n/ac/ax
Supported Mode		Infrastructure, Simple AP (Wi-Fi Direct)
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, EAP-TLS Simple AP (Wi-Fi Direct): WPA2-PSK (AES)
Operating Temperature		
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> High Altitude (Over 2,286m/7,500ft): 0 - 40 °C <32 - 104°F> 20% - 80% Humidity, No Condensation
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Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)
Direct Power On / Off		Yes
Start-Up Period		12 seconds (Epson Logo); Warm-up Period: 30 seconds
Quick Start-Up		Less than 8 seconds (Display)
Cool Down Period		Instant Off
Air Filter	Type	Electrostatic Filter
	Maintenance Cycle[*3]	20,000 hours (Normal) / 30,000 hours (Extended)
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)		
Laser Diode On	Normal	399 W
	Extended	295 W
Standby (Normal / Eco)		2.4 W / 0.4 W
Dimension Excluding Feet (W x D x H)		440 x 304 x 122 mm
Weight		Approx. 8.9kg
Fan Noise (Normal / Eco)		34dB / 25dB

[*1] Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
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Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
User Guide

Optional Accessories
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Air Filter: ELPAF65
External Camera: ELPEC01
Ceiling Mount: ELPMB22, ELPMB30
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EB-L690SU

Dealer's Stamp

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Find out more at **www.epson.com.sg/projectors**

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Efforts to mitigate environmental impacts in manufacturing

Toyoshina plant in Japan

Production Using 100% Renewable Electricity

In December 2023, Epson transitioned to 100% renewable electricity at virtually all its global sites[1], marking a first for both the Japanese manufacturing sector[2] and the global projector industry[3]. This shift covers approximately 876 GWh4 of annual electricity, reducing CO2 emissions by around 400,000 tonnes per year.

By selecting optimal renewable sources like hydropower and geothermal, and investing in self-generation, Epson achieved its renewable energy goal within 2 years and 10 months of committing to do so in 2021. This includes the entire production process of Epson projectors, from design and development to manufacturing and assembly.

Over 80% Recycled Cardboard Packaging

All carton box packaging of Epson's projectors is made with over 80% recycled cardboard. Additionally, we are further committed to sustainability by using 100% pulp as cushion material, replacing expanded Polystyrene (EPS), and reducing environmental impact.

Closed Resource Loop

We strive to use resources more effectively by reducing the size and weight of products and utilising more recycled materials.In our EB-L890E series, we use 65% post consumer resin (PCR) material for the projector main body and 100% recycled pulp mold for the packaging.

1 Among Japanese companies that have joined the RE100. Current as of January 9, 2024, per Epson research.
2 Excludes some sales sites and leased properties where the amount of electricity consumed cannot be determined
3 GHG (Greenhouse Gas), GHG scope 1, 2, 3 emission

Find out more at **www.epson.com.sg/projectors**

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