

# PowerLite® L890E / L895E

8,000-Lumen 3LCD Laser Projector with 4K Enhancement



Experience an ultra bright and compact projector with pro-level features.









**Ultra bright, true-to-life images** — 3-chip 3LCD technology and 8,000 lumens of equal color and white brightness<sup>2</sup>

**WUXGA with 4K Enhancement Technology**<sup>1</sup> — accepts 4K content and displays double HD video resolution on-screen; enjoy a visibly sharper, more detailed picture even at close viewing distances

**Large, versatile display options** — easily create a display up to 500" diagonal in 16:10, plus ultra wide 16:6 and 21:9 aspect ratios for enhanced content display and visibility

**Simplified installation** — compact and lightweight design featuring a wide vertical and horizontal lens shift, 1.6x optical zoom, 360-degree mounting, built-in geometric correction tools and a universal VESA mounting pattern

 ${\bf Low\ maintenance} - {\bf up}$  to 30,000-hour laser light source and air filter  $^{3}$  in Extended Mode

**Wireless networking and content sharing**<sup>4</sup> — Wi-Fi<sup>®</sup> 6/6E allows for fast, reliable wireless connectivity for screen casting<sup>4</sup>, along with direct connection to the cloud-based service, Epson Projector Management Connected and WPA3-Enterprise security

**Works with Apple® AirPlay® 2** — wirelessly stream videos, music, photos and presentations to your projector right from your iPhone®, iPad® or Mac®5

**Built-in NFC**<sup>6</sup> — reduces installation time of multiple projectors; read and write setting information using the Epson Projector Config Tool App

**Optional attachable PixAlign™ camera** — adds powerful multi-projector tools including screen matching<sup>7</sup>, auto color calibration<sup>7</sup>, blending assist<sup>8</sup> for super wide displays and simple stacking<sup>8</sup> without an external PC

**Over-the-air updates**<sup>9</sup> — allows user to optionally be alerted when a Firmware update is available

 ${\bf Enhanced\ connectivity}-{\bf HDBaseT^{\$}}$  and  ${\bf HDMI^{\$}}$  two in and one out for daisy-chaining and signal monitoring

# **EPSON**<sup>®</sup>

### **Specifications**

**Projection System** RGB liquid crystal shutter projection system **Projection Method** Front/rear/ceiling mount

LCD Size 0.67" (C2Fine)

Driving Method Poly-Silicon TFT Active Matrix Pixel Number 2,304,000 dots (1920 x 1200) x 3 Native Resolution WUXGA with 4K Enhancement<sup>1</sup> (1920 x 1200 x 2)

Resolution On-Screen WUXGA with 4K Enhancement<sup>1</sup>/ 4.6 million pixels

Resize  $640 \times 480$ ,  $800 \times 600$ ,  $1280 \times 1024$ ,  $1400 \times 1050$ Aspect Ratio Supports 4:3, 16:10,  $16:9^*$ ,  $16:6^*$ ,  $21:9^*$ \* With vertical image shift control within letterbox area.

Pixel Arrangement Cross stripe

Color Brightness<sup>2</sup> Color light output: 8,000 lumens White Brightness<sup>2</sup> White light output: 8,000 lumens

**Contrast Ratio** Over 5,000,000:1 **Brightness Uniformity (Typical)** 88%

Color Reproduction Up to 1.07 billion colors Size (Projected Distance) 50" – 500"

Projected Distance 80" screen 2.33 m – 3.78 m
Lens Shift (Manual) Vertical: ±50%; Horizontal: ±20%

Keystone Correction Vertical: ±30 degrees;

Horizontal: ±30 degrees **Light Source** Laser Diode

Laser Light Source Life<sup>3</sup> Normal: 20,000 hours; Quiet: 20,000 hours; Extended: 30,000 hours

## **Projection Lens (Standard)**

Type Optical Zoom (manual)/Focus (manual)

**F-Number** 1.5 - 1.7

Focal Length 20.0 mm – 31.8 mm Zoom Ratio 1.0 – 1.6x (optical) Throw Rate Range 1.35 – 2.20 (optical) Lens Cover Lens cap (without string)

### **Wireless Specifications**

Frequency Type (Modulations) 802.11 b/g/n/ac/ax (2.4 GHz) Supported Security Type Quick Mode: Open, WPA2/WPA3-PSK, WPA2/WPA3-EAP; Advanced Mode: WPA/WPA2-PSK, WPA/WPA2-EAP

## **Other Features**

Operating Temperature 32  $^{\circ}$ F to 113  $^{\circ}$ F (0  $^{\circ}$ C to 45  $^{\circ}$ C) Power Supply Voltage 100 V - 240 V  $\pm$  10%, 50/60 Hz AC Auto Power On Signal Detection on HDMI/Plug-In Detection Sleep Mode Yes (with timer)

**HDMI CEC Control** Yes **Power Consumption** 

470 W (Normal Mode)

341 W (Quiet and extended) 2.4 W (Standby comm on)

0.3 W (Standby comm off)

Fan Noise 36 dB (Normal Mode); max. 26 dB (ECO Mode) Security Security cable hole, Kensington® lock provision

Miracast®4 Yes Epson iProjection™4 Yes (V4)

Apple Airplay 25 Yes

Split Screen<sup>10</sup> Yes (Up to 2 screens)

### Interfaces

HDMI (HDCP 2.3) x 2 HDMI Out x 1 HDBaseT x 1

Variable Audio Out: Mini Stereo x 1

USB Connector Type-A x 1 USB Connector Type-B x 1

Serial: RS-232c x 1 Wired LAN RJ45 x 1

Wireu Lan RJ45 X I Wireless I AN: Built-in



L895E Black



L890E White

## **Other Features (Continued)**

A/V Mute Yes
Camera Optional
Speaker(s) 10 W (mono)
Content Playback Yes
Quick Corner Yes
Corner Wall Yes
Curved Surface Yes
Edge Blending Yes
Screen Sharing Yes

# **Effective Scanning Frequency Range (Digital)**

Pixel Clock 25.1 MHz – 594 MHz Horizontal 26 kHz – 135 kHz

Vertical 23.98/24/25/29.97/30/50/59.94/60 Hz

## Dimensions (W x D x H)

Excluding Feet 17.32" x 11.97" x 4.80" Including Feet 17.32" x 13.39" x 5.43" Weight 18.7 lb

## **Network and Remote Control**

Features Power, source search selection, AV Mute, number input, menu, esc, select, Freeze, ID, Customize, E-Zoom, mute, volume, playback control and pointer functions

**Operating Angle** Rear: Right/Left: -55 to +55 degrees; Upper/ Lower: +75 to +15 degrees; Front: Right/Left: -30 to +30 degrees; Upper/Lower: 0 to +60 degrees

Operating Distance 26 ft (8 m)

**Network Control** PJLink®, Crestron® Integrated partner, Crestron Connected V2 with XiO Cloud, Extron® IP link, Extron XTP, AMX®, Control4®

## **Eco Features**

RoHS compliant

End-of-life options available<sup>11</sup>

Epson America, Inc. is a SmartWay® Transport Partner<sup>12</sup>
Design and Manufacturing centers utilize 100% renewable electricity
Dynamic Contrast (ECO) Mode reduces power consumption by 36%

# **Limited Warranty and Service**

**Warranty** Three-year limited in the U.S. and Canada **Service** Whole unit exchange, usually Next-Business-Day Toll-free telephone support, Monday through Friday

**Epson Connection™** 

Pre-Sales Support (U.S. and Canada): 800-463-7766

Website: www.epson.com

## **Epson Preferred Plus™ Extended Service Plan**

1-Year Next-Business-Day Whole Unit Exchange<sup>13,14</sup> EPPEXPE1
2-Year Next-Business-Day Whole Unit Exchange<sup>13,14</sup> EPPEXPE2
(available for up to a total of 5 years of continuous coverage)

### What's Included

PowerLite L890E / L895E laser projector, power cable, projector remote control with batteries, Quick Reference card, cable cover

## **Ordering Information & Accessories**

PowerLite L890E (White)	V11HB24020
PowerLite L895E (Black)	V11HB24120
Replacement Air Filter (ELPAF65)	V13H134AF0
Custom Micro-Adjustable Projector Mount (ELPMBPRH)	V12H809001
Universal Projector Mount (ELPMBPJG)	V12H808001
PowerLite Pilot™ 3R (ELPCB03N)	V12HB11020
PixiePlus	ELPSP10
PixAlign Camera (ELPEC01)	V12HA46010
External Speaker (ELPSP02)	V12H467020
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020

1 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | 2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 3 No required maintenance for the light source and filter for up to 30,000 hours (Normal Mode). Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. | 4 The projector supports direct peer-to-peer wireless casting of local content from Miracast-enabled devices or via the Epson iProjection app. For best performance when using Epson iProjection, it is recommended that the projector and connecting devices be configured on a network, either through the Ethernet port on the projector or via a wireless connection. The Epson iProjection App does not support all files and formats. See epson.com/iprojection for details. | 5 AirPlay requires an active Internet connection and Firmware version V200 or higher. To download the latest Firmware, please visit the support page for your specific product on www.epson.com | 6 NFC requires use of a device that includes NFC and may require additional software. | 7 Using separate camera for each projector. | 8 Requires Epson external camera for each projector and may require Epson Projector Professional Tool app. | 9 Requires an active Internet connection for alerts and Firmware download. | 10 Split Screen feature requires remote control. Consult your user manual for input combinations. | 11 For convenient and reasonable recycling options, visit epson.com/recycle | 12 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel e

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