EPSON®

PowerLite®
L790SE / L795SE

7,000-Lumen Short Throw 3LCD
Laser Projector with 4K Enhancement

L795SE Black

L790SE White

The exceptionally bright short throw laser display with a 0.8 – 1.36 throw ratio and 4K Enhancement.

Ultra bright, true-to-life images — 3-chip 3LCD technology and 7,000 lumens of equal color and white brightness[2]

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

Short throw lens with powerful optical zoom — with a 0.8 to 1.36 throw ratio and 1.7x optical zoom, achieve large images from a close distance; perfect for filling walls while avoiding shadows

Large, versatile display options — easily create a display up to 400" 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, 1.7x optical zoom, 360-degree mounting, built-in geometric correction tools and a universal VESA mounting pattern

Low maintenance — up to 30,000-hour laser light source and air filter[3] in Extended Mode

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

Built-in NFC[5] — 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[6], auto color calibration[6], blending assist[7] for super wide displays and simple stacking[7] without an external PC

Over-the-air updates[8] — allows user to optionally be alerted when a Firmware update is available

Enhanced connectivity — HDBaseT® and HDMI® two in and one out for daisy-chaining and signal monitoring

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[1]
(1920 x 1200 x2)
Resolution On-Screen WUXGA with 4K Enhancement[1]/
4.6 million pixels
Resize 640 x 480, 800 x 600, 1280 x 1024, 1400 x 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[2] Color light output: 7,000 lumens
White Brightness[2] White light output: 7,000 lumens
Contrast Ratio Up to 5,000,000:1
Brightness Uniformity (Typical) 88%
Color Reproduction Up to 1.07 billion colors
Size (Projected Distance) 60" – 400"
Projected Distance 80" screen 1.38 m
Lens Shift Vertical: ±50%; Horizontal: ±20%
Keystone Correction Vertical: ±30 degrees;
Horizontal: ±30 degrees
Light Source Laser Diode
Light Source Life[3] Normal: 20,000 hours; Quiet: 20,000 hours;
Extended: 30,000 hours

Projection Lens (Short Throw)

Type Optical Zoom (manual)/Focus (manual)/
Corner focus (manual)
F-Number 1.7 – 2.1
Focal Length 11.6 mm – 19.9 mm
Zoom Ratio 1.0 – 1.7x (optical)
Throw Rate Range 0.8 – 1.36 (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: WPA2/WPA3-PSK, WPA2/WPA3-EAP

Other Features

Operating Temperature 32 ˚F to 113 ˚F (0 ˚C to 45 ˚C)
Power Supply Voltage 100 V – 240 V ± 10%, 50/60 Hz AC
Auto Power On Signal Detection on HDMI/Plug-In Detection (HDMI, USB, VGA 15-Pin, BNC)
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

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
Wireless LAN: Built-in

Other Features (Continued)

A/V Mute Yes
Speaker(s) 10 W (mono)
Miracast® Yes
Epson iProjection™[4] Yes (V4)
Split Screen[9] Yes (up to 2 screens)
Content Playback Yes
Quick Corner Yes
Arc Correction Yes
Edge Blending Yes
Screen Sharing Yes
Corner Wall Yes
Curved Surface Yes
Camera Yes

Effective Scanning Frequency Range (Digital)

Pixel Clock 25.1 MHz to 594 MHz
Horizontal 26 kHz to 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 14.25" x 5.94"
Weight 20.5 lb

Network and Remote Control

Features Power, source search selection, A/V 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, Creston Integrated partner, Crestron Connected V2 with XiO Cloud, Extron IP link, Extron XTP, AMX, Control4

Eco Features

RoHS compliant
End-of-life options available[10]
Epson America, Inc. is a SmartWay® Transport Partner[11]
Design and Manufacturing centers utilize 100% renewable electricity
Dynamic Contrast (ECO) Mode reduces power consumption by 36%

L795SE Black

L790SE White

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[12]

1-Year Next-Business-Day Whole Unit Exchange[13]   EPPEXPF1
2-Year Next-Business-Day Whole Unit Exchange[13]   EPPEXPF2
(available for up to a total of 5 years of continuous coverage)

What's Included

PowerLite L790SE / L795SE projector, power cable, projector remote control with batteries, Quick Setup sheet, cable cover and Quick Setup poster

Ordering Information & Accessories

PowerLite L790SE (White)	V11HB26020
PowerLite L795SE (Black)	V11HB26120
Replacement Air Filter (ELPAF65)	V13H134AF0
Universal Projector Mount (ELPMBPJG)	V12H808001
Custom Micro-Adjustable Projector Mount (ELPMBPRH)	V12H809001
PowerLite Pilot™ 3 (ELPCB03)	V12H927020
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 (Extended Mode) or 20,000 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** NFC requires use of a device that includes NFC and may require additional software. | **6** Using separate camera for each projector. | **7** Requires Epson external camera for each projector and may require Epson Projector Professional Tool app. | **8** Requires an active Internet connection for alerts and Firmware download. | **10** For convenient and reasonable recycling options, visit epson.com/recycle | **11** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | **12** Product comes with a 3-year limited warranty with the option to purchase Extended Service Plans up to a total of 5 years of continuous coverage. Extended Service Plan can be purchased at any time that you are covered under an Epson limited warranty or Epson Extended Service Plan. See individual service plan for details. | **13** Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays.

See the latest innovations from Epson Business Solutions at **epson.com/forbusiness**

SmartWay
Transport Partner™
Getting There With Cleaner Air

Contact: