

# PowerLite® L735U Full HD WUXGA Long Throw Laser Projector

Projectors

Business



## Create bright, bold signage with this innovative laser display.

**3-chip 3LCD image quality** — with up to 7,000 lumens of equal Color and White Brightness<sup>1</sup> for vibrant, rich color

**Full HD WUXGA support** — native WUXGA 1920 x 1200 resolution for true-to-life images; accepts 4K signal

**Breakthrough laser technology** — features a virtually maintenance-free 20,000-hour laser light source<sup>2</sup>

**Project up to 500" from a single projector** — or seamlessly join accurately color-matched images from multiple projectors; use split screen<sup>3</sup> for side-by-side projection from multiple inputs at the same time; Epson® Projector Professional Tool Software compatible

**Simplified installation** — horizontal and vertical lens shift; geometric correction tools such as point, arc correction, built-in edge blending, Quick Corner® and 360-degree flexibility make installation easy

**Easily programmable with the built-in media player and content creation app<sup>4</sup>** — which includes templates, effects, color filters and customizable options; playlist and playback functions allow for seamless content management directly or via the network

**Custom brightness and constant brightness modes** — to maximize light source life and provide a consistent brightness level

**Remarkable sharpness and detail** — with up to 2,500,000:1 dynamic contrast ratio



**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** 1920 x 1200 (WUXGA)  
**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<sup>1</sup>** Color Light Output: 7,000 lumens  
**White Brightness<sup>1</sup>** White Light Output: 7,000 lumens  
**Contrast Ratio** Up to 2,500,000:1  
**Brightness Uniformity (typical)** 86%  
**Color Reproduction** Up to 1.07 billion colors  
**Size (projected distance)** 50" – 500"  
**Projected Distance** 80" screen 2.33 – 3.78 m  
**Lens Shift** Vertical: ±50%; horizontal: ±20%  
**Keystone Correction** Vertical: ±30 degrees; horizontal: ±30 degrees  
**Light Source** Laser Diode  
**Laser Light Source Life<sup>2</sup>** Normal: 20,000 hours; Quiet: 20,000 hours; Extended: 30,000 hours

**Projection Lens**

**Type** Optical Zoom (Manual)/Focus (Manual)  
**F-Number** 1.5 – 1.7  
**Focal Length** 20.0 mm – 31.8 mm  
**Zoom Ratio** 1.00 – 1.6x (Optical)  
**Throw Rate Range** 1.35 – 2.20 (Optical)  
**Lens Cover** Lens cap (without string)

**Wireless Specifications**

**Frequency Type (modulations)** 802.11b/g/n (2.4GHz)  
**Supported Security Type** Quick Mode: OPEN, WPA2-PSK; 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**  
 358 W (Normal Mode)  
 267 W (Quiet and Extended)  
 2.0 W Standby (Communication on)  
 0.3 W Standby (Communication off)  
**Fan Noise** 38 dB (Normal Mode); max. 27 dB (ECO Mode)  
**Security** Security cable hole, lens lock, Kensington lock provision  
**A/V Mute** Yes  
**Speaker(s)** 10 W (mono)  
**Screen Mirroring** Yes  
**Split Screen<sup>3</sup>** Yes

1 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. | 2 No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m<sup>3</sup> 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. | 3 Split Screen feature requires remote control. Consult your user manual for input combinations. | 4 Internet connection required for download. Data usage fee may apply. | 5 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 6 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | 7 Expedited shipping not available in all areas. Road Service orders must be placed and processed by 3 p.m. Eastern Time for Next-Business-Day delivery.

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**Interfaces**

HDMI (HDCP 2.3) x 2  
 HDMI Out x 1  
 VGA x 2  
 Monitor Out: Mini D-Sub 15-pin x 1  
 HDBaseT® x 1  
 Audio In: Mini Stereo x 2  
 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 RJ-45 x 1  
 Wireless LAN Built-in

**Other Features (Continued)**

**Content Playback** Yes  
**Quick Corner** Yes  
**Arc Correction** Yes  
**Edge Blending** Yes  
**Screen Sharing** Yes

**Effective Scanning Frequency Range (Analog)**

**Pixel Clock** 13.5 MHz – 162 MHz (up to UXGA 60 Hz)  
**Horizontal** 15 kHz – 92 kHz  
**Vertical** 50 Hz – 85 Hz

**Effective Scanning Frequency Range (Digital)**

**Pixel Clock** 13.5 MHz – 297 MHz  
**Horizontal** 15 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 12.59" x 5.35"  
**Weight** 18.5 lb

**Remote Control**

**Features** Power, source search selection, test pattern selection, A/V mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-Zoom, volume, help, menu, enter, esc and pointer functions  
**Operating Angle Front Right/Left** ±60 degrees; Upper/Lower: +30 to -20 degrees  
**Operating Angle Rear Right/Left** ±30 degrees; Upper/Lower: +50 to +10 degrees  
**Operating Distance** 26 ft



**Eco Features**

RoHS compliant  
 Recyclable product<sup>5</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>6</sup>

**Support**

**Epson Connection<sup>SM</sup>**  
 Pre-sales support: U.S. and Canada 800-463-7766  
 Internet website: [www.epson.com](http://www.epson.com)

**Service Programs**

The projector has a limited warranty of 3 years. Epson Road Service program with free Next-Business-Day replacement<sup>7</sup>, PrivateLine® dedicated toll-free support (U.S. and Canada only)

**What's in the Box**

PowerLite L735U projector, power cable, computer cable (HDMI), projector remote control with batteries, Quick Setup sheet, cable cover

**Ordering Information**

PowerLite L735U	V11HA25120
Replacement Air Filter (ELPAF56)	V13H134A55
Ceiling Mount (Universal) (ELPMBPJG)	V12H808001
Custom Micro-Adjustable Projector Mount (ELPMBPRH)	V12H809001
Wireless LAN Module (ELPAP11)	V12H005A02
External Speaker (ELPSP02)	V12H467020
Document Camera DC-07	V12H759020
Document Camera DC-13	V12H757020
Document Camera DC-21	V12H758020
1-Year Extended Service Plan	EPPEXPE1
2-Year Extended Service Plan	EPPEXPE2

**Contact:**

