

# PowerLite® L400U WUXGA 3LCD Laser Projector



Projectors

Business

## Bright, compact WUXGA laser projector with 4,500 lumens.

**Bright, vivid color** — 4,500 lumens color/white brightness<sup>1</sup>

**Full HD, widescreen images up to 500"** — WUXGA resolution (1920 x 1200);  
Full HD 1080p support

**Breakthrough laser technology** — features a laser light source of up to 20,000  
hours<sup>2</sup>; plus, Instant ON/OFF

**Virtually maintenance-free operation** — for the life of the optical engine<sup>3</sup>

**Extraordinary sharpness and detail** — up to 2,500,000:1 Dynamic contrast ratio

**Optional wireless networking with enterprise-level security** — plus wireless  
content sharing with Epson iProjection™<sup>4</sup>; wireless module sold separately

**Versatile connectivity** — supports 2x HDMI®, VGA, RJ-45, stereo mini and more

**Advanced installation features** — 360-degree flexibility and geometric correction  
tools such as horizontal and vertical keystone, arc correction, Quick Corner® and more

**Constant Brightness Mode**<sup>5</sup> — fine-tune the brightness setting to help maximize  
run time

**Remote management and control tools** — compatible with Crestron®, AMX®,  
PJLink and more; offers easy access and maintenance



**Specifications**

**Projection System** RGB Liquid Crystal Shutter Projection System  
**Projection Method** Front, Front/Ceiling, Rear, Rear/Ceiling  
**Optical System** Dichroic Mirror Separation and Prism Combine Method  
**Driving Method** Poly-silicon TFT Active Matrix  
**LCD Size** 0.67" (D10 with C<sup>2</sup>Fine™)  
**Type of Liquid Crystal VA**  
**Pixel Number** 2,304,000 dots (1920 x 1200) x 3  
**Pixel Arrangement** Cross stripe  
**Color Brightness<sup>1</sup>** Color Light Output: 4,500 lumens  
**White Brightness<sup>1</sup>** White Light Output: 4,500 lumens  
**Aspect Ratio** 16:10  
**Dynamic Contrast Ratio On** Up to 2,500,000:1  
**Light Output Uniformity** 86 percent  
**Color Reproduction** Up to 1.07 billion colors  
**Color Processing** 10 bit  
**Native Resolution** 1920 x 1200 (WUXGA)  
**Screen Size (Projected Distance)** Zoom: Wide: 50"-500" [1.44-14.76 m]; Zoom: Tele: 50"-500" [2.35-23.84 m]  
**Projected Distance** 80" screen: 2.33-3.78m  
**Keystone Correction** Vertical: ±30 degrees; Horizontal: ±30 degrees  
**Micro Lens Array** Yes  
**Refresh Rate** 192-240 Hz  
**Offset** 26.9:1  
**Light Source** Laser Diode  
**LD Input Power** 185 W  
**Light Source Life<sup>2</sup>** Normal: 20,000 hours; Quiet: 20,000 hours; Extended: 30,000 hours

**Effective Scanning Frequency Range (Analog)**

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

**Effective Scanning Frequency Range (Digital)**

**Pixel Clock** 13.5-162 MHz (up to UXGA 60 Hz)  
**Horizontal** 15-75 kHz  
**Vertical** 24/30/50/60 Hz

**Projection Lens**

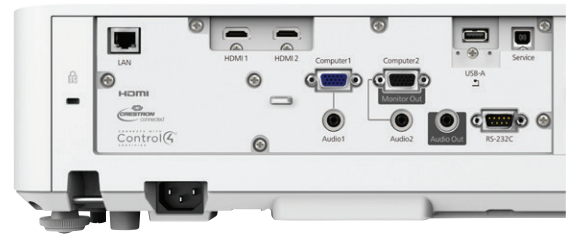
**Type** Optical Zoom (Manual)/Focus (Manual)  
**F-Number** 1.5-1.7  
**Focal Length** 20.0-31.8 mm  
**Zoom Ratio** 1-1.6  
**Throw Ratio Range** 1.35-2.20  
**Lens Cover** Lens cap (without string)

**Wireless Specifications (Optional)**

Module sold separately.  
**Frequency Type (Modulations)** 802.11g/n (2.4GHz)  
**Supported Security Type** Quick Mode: OPEN, WPA2-PSK; Advanced Mode: OPEN WPA/WPA2-PSK, WPA/WPA2-EAP

**Interfaces**

Digital: HDMI 2x  
 Analog: D-sub 15 pin  
 Control I/O: RS-232C D-sub 9 pin 1x  
 USB I/O : Type A 1x; Type B 1x  
 Wired LAN RJ45  
 Wireless LAN Optional Accessory  
 Audio in (stereo): 2x  
 Audio out (stereo): 1x



**Networked Control and Management**

Message Broadcasting, Email notification, SNMP, Web remote, Web control, Secure HTTP, PLink (Class2), AMX Device Discovery, Crestron Integrated Partner, Crestron Connected, Extron IP Link, Extron XTP

**Other Features**

**Power Supply Voltage** 100-240 V AC ±10%, 50/60 Hz  
**Power Consumption** Normal: 324 W; Quiet: 245 W; Networked Standby 2.0 W; Energy Saving: 0.3 W  
**Fan Noise** Normal: 29 dB; ECO: 22 dB  
**Projection Orientation** 360° Free  
**Foot Adjuster** Front/Rear: -2 to +10 degrees; Left/Right: -1.5 to +1.5 degrees  
**A/V Mute** Yes  
**Contents Playback** Yes  
**Image Mode** Dynamic, Presentation, Cinema, sRGB, DICOM Simulation Mode<sup>5</sup>, Multi-projection  
**Quick Corner** Yes  
**Arc Correction** Yes  
**Split Screen<sup>7</sup>** Yes  
**User's Logo** Yes  
**Sleep Mode** Yes  
**Sleep Mode Timer** Yes  
**Auto Power On** Off/HDMI1/Computer  
**Quick Startup** Yes (20 min, 60 min, 90 min, Off)  
**High Altitude Mode** Yes  
**Auto Source Search** Yes  
**QR Code Display** Yes  
**Screen Mirroring** No  
**Speaker(s)** 10 W (mono)  
**Firmware Update** Network via LAN cable; USB (A) via USB thumb drive; USB (B) via USB cable  
**Operating Altitude** Over 4,921' (HAM)  
**Start-up Period** 7 sec (Epson logo)  
**Quick Startup** Less than 5 sec (Display)  
**Cool-down Period** Instant Off<sup>8</sup>  
**Air Filter Maintenance Cycle** 20,000 hours (Normal Mode/25 °C)  
**Theft Proof** Padlock and Security Cable Hole  
**Kensington Lock** Yes

**Weight and Dimensions (W x D x H)**

**Excluding Feet** 17.32" x 11.97" x 4.73"  
**Including Feet** 17.32" x 11.97" x 5.35"  
**Weight** Approx. 17.1 lb/7.8 kg

**Remote Control**

**Operating Distance** 8 m  
**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

**Eco Features**

RoHS compliant  
 Recyclable product<sup>9</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>9</sup>

**Support**

**Epson Connection<sup>SM</sup>**  
**Pre-sales support** U.S. and Canada: 800-442-1977  
 Internet website: [www.epson.com](http://www.epson.com)  
**Service Programs** 3-year projector standard limited warranty, PrivateLine® dedicated toll-free support (U.S. and Canada only)

**What's in the Box**

PowerLite L400U Projector, Power cord, Computer cable (VGA), Remote control and batteries, Quick setup poster, Cable cover

**Ordering Information**

PowerLite L400U Projector	V11H907020
Air Filter Set	ELPAF56
Wireless LAN Module	ELPAP10
Ceiling Mount	ELPMB22
Ceiling Mount (Low profile)	ELPMB30
Ceiling Mount (Universal)	ELPMBPJG
Suspension Adapter 450 mm	ELPPF13
Suspension Adapter 700 mm	ELPPF14
Document Camera	DC-07, DC-13, DC-21
External Speaker	ELPSP0

<sup>1</sup> 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. | <sup>2</sup> 20,000 hours is the estimated laser light source life when used in Normal Mode. Actual hours may vary depending on mode and usage environment. The projector has a standard limited warranty of 3 years. | <sup>3</sup> Life of the optical engine may vary depending on mode and usage environment. The projector has a standard limited warranty of 3 years. | <sup>4</sup> For wireless functionality, including via the Epson iProjection App, the projector must be configured on a network, either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable a wireless connection. Not all Epson projectors are able to be networked. The Epson iProjection App does not support all files and formats. See [www.epson.com](http://www.epson.com) for details. | <sup>5</sup> Color light output and white light output (lumens) in Constant Brightness Mode can be lower than the maximum output achievable when the Constant Brightness Mode is off. Actual run time may vary depending on environmental conditions, usage and settings. | <sup>6</sup> This projector does not meet the DICOM standard Part 14 and should not be used as a medical diagnostic device. | <sup>7</sup> Consult your user manual for input combinations. | <sup>8</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>9</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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