

# Pro L1405UNL Laser WUXGA 3LCD Projector with 4K Enhancement without Lens



Product shown with a lens.  
Lens sold separately.

## Bright large-venue laser projector with virtually maintenance-free operation.

**One measurement of brightness is not enough** — look for both high color brightness and high white brightness. The Pro L1405UNL has:

**Color Brightness:** 8,000 lumens<sup>1</sup>

**White Brightness:** 8,000 lumens<sup>1</sup>

**Exceptional Full HD widescreen display** — native WUXGA (1920 x 1200) with 4K Enhancement<sup>2</sup> (3840 x 2400) for presentations, videos, digital signage and more

**Solid-state laser light source** — provides virtually maintenance-free operation up to 20,000 hours<sup>3</sup>

**4K Enhancement Technology<sup>2</sup>** — a revolutionary technology that accepts 4K signal and enhances 1080p for output that surpasses Full HD image quality

**Versatile connectivity** — supports the full range of inputs, including HDBaseT™, HDMI®, DVI-D, 3G-SDI, VGA and 5-BNC, for easy integration with any system

**Ten optional interchangeable lenses** — with powered lens shift and lens memory, including an ultra short-throw lens for shallow spaces (sold separately)

**Web-based remote management** — control and monitor projector status via a Web browser

**Dynamic projection capabilities** — advanced built-in Edge Blending, image warping and curved-surface correction technologies for a variety of applications

**Professional installation features** — full 360-degree installation flexibility, including Portrait Mode



**Specifications**

**Projection System** High-aperture Epson® 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**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, 16:9, 16:10  
**Pixel Arrangement** Cross stripe  
**Color Brightness<sup>1</sup>** Color Light Output: 8,000 lumens  
**White Brightness<sup>1</sup>** White Light Output: 8,000 lumens  
**Contrast Ratio** 2,500,000:1 AbsoluteBlack™ (Full White 8,000 lm / Full Black 0 lm)  
**Brightness Uniformity (typical)** 90%  
**Color Reproduction** Up to 1 billion colors  
**Size (projected distance)** 50" – 300"  
**Lens Shift** Vertical: ±67%; horizontal: ±30%  
**Keystone Correction**  
 Vertical: ±45 degrees;  
 horizontal: ±30 degrees  
**Illumination Technology** Laser Phosphor  
**Light Source Life<sup>3</sup> (Normal)** 20,000 hours

**Projection Lens (Not Included)**

See website for information on optional lenses.  
**Type** Powered shift/focus/zoom  
**F-number** Varies by lens  
**Focal Length** Varies by lens  
**Zoom Ratio** Varies by lens  
**Zoom Ratio Range** Varies by lens

**Other Features**

**Operating Temperature** 32° to 113 °F (0° to 45 °C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz AC  
**Power Consumption**  
 658 W (Normal Mode)  
 434 W (ECO Mode)  
 2.3 W Standby (Communication on)  
 0.22 W Standby (Communication off)  
**Fan Noise**  
 35 dB (Normal Mode); max.  
 29 dB (ECO Mode)  
**Security** Security cable hole, lens lock, Kensington lock provision

**Effective Scanning Frequency Range**

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

**Interfaces**

3G-SDI x 1  
 DVI-D x 1  
 HDMI x 1  
 HDBaseT x 1  
 5-BNC, VGA x 1  
 Audio in: Mini Stereo x 3  
 Variable audio out: Mini Stereo x 1  
 USB connector Type B x 1: For wireless only  
 USB connector Type A x 1: For wireless only  
 Monitor out: Mini D-sub 15 pin x 1  
 Serial: RS-232c x 1

**Video I/O**

**Display Performance** NTSC: 480 line, PAL: 576 line (depends on observation of the multi-burst pattern)  
**Input Signal** NTSC/NTSC4.43/PAL/M-PAL/N-AL/PAL60/SECAM/480i/576i/480p/576p/720p/1080i/1080p  
**Pixelworks<sup>®</sup>** Video chip 3D Y/C separation, noise reduction, motion compensated, Interlace-Progressive conversion (2-2, 3-2 film detection)

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

**Including Feet, Lens** 23.1" x 19.4" x 8.3"  
**Weight** 42.4 lb without lens

**Remote Control**

**Features** Power, source search selection, lens shift, zoom, focus, 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**

Right/left: Front: ± 60 degrees; rear: ± 30 degrees  
 Upper/lower: Front: ± 45 to ± 15 degrees;  
 rear: ± 10 to ± 50 degrees

**Operating Distance** 49 ft

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>5</sup>

**Support**

**The 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 or 20,000 hours, whichever comes first. Epson Road Service program with free Next-Business-Day replacement<sup>6</sup>, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only)



**What's in the Box**

Pro L1405UNL projector, power cable, computer cable (VGA), projector remote control with batteries, user manual CD, EasyMP<sup>®</sup> software CD, Quick Setup Sheet and lens lock screw

**Ordering Information**

Pro L1405UNL	V11H739820
Replacement air filter (ELPAF51)	V13H134A51
Ultra short-throw zoom lens	V12H004X01
Short-throw #1 zoom lens	V12H004U03
Short-throw #2 zoom lens	V12H004U04
Wide-throw #1 zoom lens	V12H004W05
Wide-throw #2 zoom lens	V12H004W06
Middle-throw #1 zoom lens	V12H004M08
Middle-throw #2 zoom lens	V12H004M09
Middle-throw #3 zoom lens	V12H004M0A
Middle-throw #4 zoom lens	V12H004M0B
Long-throw zoom lens	V12H004L08
Epson ceiling mount - low ceilings (ELPMB47)	V12H802010
Epson ceiling mount - high ceilings (ELPMB48)	V12H803010
False ceiling plate kit	ELPMBP02
Kensington security lock	ELPSL01
Distribution amplifier	ELPDA01
HDBaseT transmitter (ELPHD01)	V12H547020
Wireless LAN module (ELPAP10)	V12H731P02
1-year extended warranty	EPPEXPB1
2-year extended warranty	EPPTPB2

<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> 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution to 3840 x 2400 and surpass Full HD image quality. | <sup>3</sup> 20,000 hours is the estimated projector life when used in Normal Mode. Actual hours may vary depending on mode and usage environment. The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first. | <sup>4</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>5</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. | <sup>6</sup> Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery.

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