

Pro L1405U Laser WUXGA 3LCD Projector with 4K Enhancement



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 L1405U has:

Color Brightness: 8,000 lumens¹

White Brightness: 8,000 lumens¹

Exceptional Full HD widescreen display — native WUXGA (1920 x 1200) with 4K Enhancement² for presentations, videos, digital signage and more

Solid-state laser light source — designed with inorganic components for up to 20,000 hours of virtually maintenance-free operation³

Industry-leading service and support — limited warranty of 3 years or 20,000 hours, whichever comes first, plus free next-business-day replacement⁴ with postage-paid returns

Epson[®] 4K Enhancement Technology² — a revolutionary technology that accepts 4K signal and enhances 1080p for output that surpasses Full HD image quality

Nine optional interchangeable lenses — with powered lens shift and lens memory, including an ultra short-throw lens for shallow spaces (one lens included)

Reliable 24/7 operation — ideal for applications requiring continuous projection

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

Seamless integration tools — compatibility with Crestron[®] RoomView[®], AMX[®], Extron[®] XTP[®], Control4[®] and Art-Net Lighting Control systems



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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 Brightness¹ Color Light Output: 8,000 lumens
White Brightness¹ 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 Life³ (Normal) 20,000 hours

Projection Lens (Standard)

See website for information on optional lenses.
Type Powered shift/focus/zoom
F-number 1.7 – 2.3
Focal Length 24.0 mm – 38.2 mm
Zoom Ratio Optical zoom 1 – 1.6x
Throw Ratio Range 1.45 – 2.32

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[®] 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 product⁴
 Epson America, Inc. is a SmartWay[®] Transport Partner⁶

Support

The Epson ConnectionSM

Pre-sales support U.S. and Canada 800-463-7766
 Internet website 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 replacement⁴, PrivateLine[®] dedicated toll-free support (U.S. and Canada only)



What's in the Box

Pro L1405U projector, a lens, power cable, computer cable (VGA), projector remote control with batteries, user manual CD, EasyMP[®] software CD, Quick Setup Sheet and lens lock screw

Ordering Information

Pro L1405U	V11H739120
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



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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 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution and surpass Full HD image quality. ³ 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. ⁴ Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery. ⁵ For convenient and reasonable recycling options, visit 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.

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

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