

Pro L1490U WUXGA 3LCD Laser Projector with 4K Enhancement and Lens



Premium large-venue projector with 4K Enhancement Technology¹.

Experience the vibrancy of crystal-clear projection with the Epson® Pro L1490U. Equipped with powerful 3-chip, 3LCD and native WUXGA with 4K Enhancement Technology¹, this state-of-the-art, large-venue laser projector displays crisp, luminous images at 9,000 lumens of color and white brightness². Designed with ease in mind, the Pro L1490U's laser light engine and electrostatic air filter provide virtually maintenance-free operation for up to 20,000 hours³. Plus, this elegant, white projector features a full range of inputs, Edge Blending and 10 optional powered lenses (one lens included - ELPLM15), making it an ideal solution for conference rooms, auditoriums and live events.

Model: V11HA16020

★★★★★ [Write a review](#)

Overview ▶

Brighter Colors with
Epson

Exceptional Full HD
widescreen display

Worry-free operation

9,000 lumens color/white
brightness²

native WUXGA (1920 x 1200)
with 4K Enhancement¹ for
presentations, videos, digital
signage and more

laser light source and electrostatic
air filter provide virtually
maintenance-free operation for up
to 20,000 hours³

Dynamic projection capabilities

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

Advanced connectivity

3G-SDI, HDBaseT™, HDMI®,
DVI-D, VGA, 5-BNC and Stereo
Mini

10 optional
interchangeable lenses
with powered lens shift and lens
memory; standard lens included
(ELPLM15)

- **Flexible installation** — 360-degree projection for added versatility
- **Remote management and control tools** — included software allows for easy web-based monitoring and multiple projector setup
- **Image correction camera** — automatically adjusts color and brightness to match other projectors in multiple-screen applications
- **Brightness lock feature** — allows users to securely set maximum brightness level

Eco Features

- RoHS compliant
- Recyclable product⁴
- Epson America, Inc. is a SmartWay™ Transport Partner⁵

Better Products for a Better Future™

For more information on Epson's environmental programs, go to www.epson.com/environment

IMPORTANT INFORMATION ABOUT USAGE ENVIRONMENTS ►

What's In The Box:

- Pro L1490U projector
- a lens
- lens cover
- power cable
- HDMI clamps
- projector remote control with batteries
- Quick Setup Sheet
- lens lock screw

Specifications

Specifications Projector:

Projection System:

High-aperture Epson 3LCD, 3-chip technology

Projection Method:

Front/rear/ceiling mount

Driving Method:

Poly-silicon TFT Active Matrix

Native Resolution:

WUXGA with 4K Enhancement¹ (1920 x 1200 x 2)

Resolution on Screen:

WUXGA with 4K Enhancement¹/ 4.6 million pixels¹

Pixel Number in Device:

2,304,000 pixels (1920 x 1200) x 3 chips

Signal Input:

Maximum display resolution: 4096 x 2160 (resizing display)

Display resolution: 1920 x 1200 pixels

Color Brightness - Color Light Output:

9,000 lumens²

White Brightness - White Light Output:

9,000 lumens²

Aspect Ratio:

Supports 4:3, 16:9, 16:10

Resize:

640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050

Brightness Uniformity:

90%

Pixel Arrangement:

Cross stripe

Throw Ratio Range:

1.57 – 2.56

Size - projected distance:

50" – 300"

Keystone Correction:

Vertical: ±45 degrees; Horizontal: ±30 degrees

Contrast Ratio:

,500,000:1 AbsoluteBlack™ (Full White 8,000 lm/Full Black 0 lm)

Color Reproduction:

Up to 1 billion colors

Light Source Life:

20,000 hours³

Illumination Technology:

Laser Phosphor

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

General:

Operating Temperature:

32 ° to 113 °F (0 ° to 45 °C)

Weight:

48.4 lb

Security:

Security cable hole, lens lock, Kensington lock provision

Projection Lens:

Type:

(For ELPLM15) Powered shift/focus/zoom

F-number:

(For ELPLM15) 1.8 – 2.35

Focal Length:

(For ELPLM15) 36.0 mm – 57.4 mm

Zoom Ratio:

(For ELPLM15) Optical zoom 1 – 1.6x

Lens Shift:

Vertical: ±60%; Horizontal: ±18%

Projector Details:

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)

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 service only

- USB connector Type A x 1: For wireless only
- Monitor out: Mini D-sub 15 pin x 1
- Serial: RS-232c x 1

Fan Noise:

37 dB (Normal Mode); max. 30 dB (Quiet Mode)

Projector Dimensions:

Including feet:

23.1" x 19.4" x 8.3"

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 Distance:

49 ft

Operating Angle:

Right/left: Front: ± 60 degrees; rear: ± 30 degrees

Upper/lower: Front: ± 20 degrees; rear: +10 to +50 degrees

Power:

Power Supply Voltage:

100 – 240 V $\pm 10\%$, 50/60 Hz AC

Power Consumption:

- 645 W (Normal Mode)
- 524 W (Extended Mode)
- 2.0 W Standby (Communication on)
- 0.5 W Standby (Communication off)

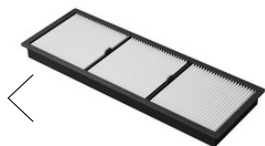
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Reviews



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- FAQs
- Manuals and Warranty
- Registration
- Contact Support

Notes:

- ¹ 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution and surpass Full HD image quality.
- 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 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/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. The projector has a limited warranty of three years or 20,000 hours, whichever comes first.
- ⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle
- ⁵ 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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