

Pro L1070U WUXGA 3LCD Laser Projector with 4K Enhancement¹

Projectors

Large Venue



Premium, compact large-venue laser projector with 4K Enhancement¹.

Ultra bright — 7,000 lumens color/white brightness² from a compact large-venue laser projector

Exceptional widescreen display — native WUXGA with 4K Enhancement Technology¹ (1920 x 1200 x 2); accepts 4K content and provides up to 4.6 million pixels onscreen

Vibrant, true-to-life images — with Epson[®] 3-chip 3LCD technology

Worry-free operation — solid-state laser light source and air filter provide virtually maintenance-free operation for up to 20,000 hours³

11 optional interchangeable lenses — with powered lens shift and lens memory, including an ultra short-throw lens with zero offset (standard lens included; ELPLM08)

Lifelike images — high contrast ratio and BT.709 color space for exceptional clarity and detail

Dynamic projection capabilities — advanced built-in Edge Blending, image warping and shape overlay features for a variety of applications; direct playback from USB storage media

Simplified installation features — full 360-degree mounting, wide lens shift, versatile connectivity; inputs including HDBaseT[™] and HDMI[®] (HDCP 2.2)

Customized performance — brightness modes to maximize light source life and provide a consistent brightness level

Multi-projector setup software — free software controls networked projectors and gives access to warping and Edge Blending



¹ 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen.

Specifications

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
Aspect Ratio Supports 4:3, 16:9, 16:10
Pixel Arrangement Cross stripe
Color Brightness² Color Light Output: 7,000 lumens
White Brightness² White Light Output: 7,000 lumens
Contrast Ratio 2,500,000:1 (Dynamic Contrast: On)
Brightness Uniformity (typical) 85%
Color Reproduction Up to 1.07 billion colors
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.

Standard Lens ELPLM08
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 1.44 – 2.33
Lens Shift Vertical: ±67%; horizontal: ±30%

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 439 W (Normal Mode), 313 W (Extended Mode), 2W (Network Standby), 0.5 W (Energy Saving)
Fan Noise 36 dB (Normal Mode); 32 dB (Medium Mode) 30 dB (Quiet Mode)
Security Security cable hole, Kensington lock provision

Interfaces

DVI-D x 1
 HDMI (HDCP 2.2) 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 LAN, service, content playback
 Monitor out: Mini D-sub 15-pin x 1
 Serial: RS-232c x 1
 Remote Stereo Mini x 1
 Wired LAN: RJ45

Video I/O

Input Signal
 Input Video Signal (HDMI, DVI-D and HDBaseT ports)
 480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160/
 4096 x 2160

Dimensions (W x D x H)

Including Feet, Lens
 21.5" x 7.4" x 19.1" (545 x 189 x 484 mm)
Weight 34.4 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, menu, enter, esc and pointer functions
Operating Angle
 Right/left: Front: ± 60 degrees; Rear: ± 30 degrees
 Upper/lower: Front: + 30 to - 20 degrees; Rear: +50 to + 10 degrees
Operating Distance 98 ft

Support

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)



Eco Features

RoHS compliant
 Recyclable product⁵
 Epson America, Inc. is a SmartWay[®] Transport Partner⁶

What's in the Box

Pro L1070U projector, a lens, power cable, cable cover, projector remote control with batteries, Quick Setup Sheet

Ordering Information

Pro L1070U	V11H940020
Replacement air filter (ELPAF46)	V13H134A46
Ultra short-throw zoom lens	V12H004X01
Ultra short-throw zoom lens (white)	V12H004Y01
Short-throw #1 zoom lens	V12H004UA3
Short-throw #2 zoom lens	V12H004U04
Wide-throw #1 zoom lens	V12H004W05
Wide-throw #2 zoom lens	V12H004W06
Wide-throw #3 zoom lens	V12H004W08
Middle-throw #1 zoom lens	V12H004M08
Middle-throw #2 zoom lens	V12H004M0F
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
HDBaseT transmitter (ELPHD01)	V12H547020
Wireless LAN module (ELPAP10)	V12H731P02

¹ 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | 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/m² 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. | 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.

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