

PowerLite[®] L770U 3LCD Laser Projector with 4K Enhancement¹



Deliver brilliant displays with remarkable brightness and 4K Enhancement¹.

Ultra bright, true-to-life images — Best-in-Class Color Brightness² with 3-chip 3LCD technology and 7,000 lumens of color and white brightness³

4.6 million pixels on screen — WUXGA with 4K Enhancement¹ provides a visibly smoother and sharper display, even at close viewing distances; accepts 4K content

Virtually maintenance-free — 20,000-hour laser light source and air filter⁴

Large, ultra wide display — display images up to 500" diagonal either in standard 16:10 and 16:9 or in ultra wide 16:6 and 21:9 for immersive video conferencing

Streamlined installation — wide lens shift, 1.6x optical zoom, built-in edge blending and geometric correction tools via on-screen menu or Epson[®] Professional Projector Tool software setup application for Windows[®] and macOS[®]

Versatile connectivity options — HDBaseT[®], 2x HDMI[®] inputs, HDMI output, RJ-45, RS-232 and control management tools

Simplified operation and content sharing — auto power-on, split screen⁵, screen sharing with Epson iProjection^{™6} and optional wireless networking with the ELPAP11 adapter

Customizable brightness modes — set the projector to maintain a consistent brightness level over time, or set the brightness to Extended to help maximize the life of the laser light source

Optional PixAlign[™] camera — adds powerful multi-projector tools; blending assist for super-wide displays; simple stacking without an external PC; screen matching and auto color calibration

Easily programmable with the built-in media player and content creation app⁷ — includes templates, effects, color filters and customizable options; playlist and playback functions allow for seamless content management directly or via the network



Specifications

Projection System RGB liquid crystal shutter projection system
Projection Method Front/rear/ceiling mount
LCD Size 0.67" (C²Fine)
Driving Method Poly-Silicon TFT Active Matrix
Pixel Number 2,304,000 dots (1920 x 1200) x 3
Native Resolution 1920 x 1200 (WUXGA) 4KE¹
Resize 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050
Aspect Ratio Supports 4:3, 16:10, 16:9*, 16:6*, 21:9*
 * With vertical image shift control within letterbox area.
Pixel Arrangement Cross stripe
Color Brightness³ Color Light Output: 7,000 lumens
White Brightness³ White Light Output: 7,000 lumens
Contrast Ratio Up to 2,500,000:1
Brightness Uniformity (Typical) 86%
Color Reproduction Up to 1.07 billion colors
Size (Projected Distance) 50" – 500"
Projected Distance 80" screen 2.33 m – 3.78 m
Lens Shift (Manual) Vertical: ±50%; Horizontal: ±20%
Keystone Correction Vertical: ±30 degrees;
 Horizontal: ±30 degrees
Light Source Laser Diode
Laser Light Source Life⁴ Normal: 20,000 hours; Quiet: 20,000 hours; Extended: 30,000 hours

Projection Lens (Standard)

Type Optical Zoom (manual)/Focus (manual)
F-Number 1.5 – 1.7
Focal Length 20.0 mm – 31.8 mm
Zoom Ratio 1.00 – 1.6x (optical)
Throw Rate Range 1.35 – 2.20 (optical)
Lens Cover Lens cap (without string)

Other

Operating Temperature 32 °F to 113 °F (0 °C to 45 °C)
Power Supply Voltage 100 V – 240 V ±10%, 50/60 Hz AC
Auto Power On Signal Detection on HDMI/Plug-In Detection
Sleep Mode Yes (with timer)
HDMI CEC Control Yes
Power Consumption
 382W (Normal)
 285W (Quite)
 275W (Extended)
 2.0W Standby (Communication on)
 0.5W Standby (Communication off)
Fan Noise 31 dB (Normal Mode); max. 23 dB (ECO Mode)
Security Security cable hole, Kensington lock provision

Interfaces

HDMI (HDCP 2.3) x 2
 HDMI Out x 1
 HDBaseT x 1
 Variable Audio Out: Mini Stereo x 1
 USB Connector Type A x 1
 USB Connector Type B x 1
 Serial: RS-232C x 1
 Wired LAN RJ-45 x 1



Other (Continued)

Split Screen⁵ Yes (Up to 2 screens)
A/V Mute Yes
Camera Yes
Speaker(s) 10 W (mono)
Content Playback Yes
Quick Corner⁶ Yes
Corner Wall Yes
Curved Surface Yes
Edge Blending Yes
Screen Sharing Yes

Effective Scanning Frequency Range (Digital)

Pixel Clock 25.1 MHz – 594 MHz
Horizontal 26 kHz – 135 kHz
Vertical 23.98/24/25/29.97/30/50/59.94/60 Hz

Dimensions (W x D x H)

Excluding Feet 17.32" x 11.97" x 4.80"
Including Feet 17.32" x 12.59" x 5.35"
Weight 19.1 lb

Remote Control

Features Source Search, HDMI, USB, Computer, LAN, Power, Aspect, Color Mode, Volume, E-Zoom, A/V Mute, Freeze, Menu, Home, Auto, Enter, Esc, Default
Operating Angle Rear: Right/Left: -55 to +55 degrees; Upper/Lower: +75 to +15 degrees; Front: Right/Left: -30 to +30 degrees; Upper/Lower: 0 to +60 degrees
Operating Distance 19.7 ft (6 m)

Eco Features

RoHS compliant
 Recyclable product⁸
 Epson America, Inc. is a SmartWay[®] Transport Partner⁹

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. Epson Road Service program with free Next-Business-Day replacement¹⁰, PrivateLine[®] dedicated toll-free support (U.S. and Canada only)

What's Included

PowerLite L770U laser projector, power cable, computer cable (HDMI), projector remote control with batteries, Quick Reference card, cable cover

Ordering Information

PowerLite L770U	V11HA96020
Replacement Air Filter (ELPAF56)	V13H134A55
Wireless LAN Adapter (ELPAP11)	V12H005A02
Custom Micro-Adjustable Mount (ELPMBPRH)	V12H809001
Universal Projector Mount (ELPMBPJG)	V12H808001
PowerLite Pilot [™] 3 (ELPCB03)	V12H927020
Pixie Plus	ELPSP10
External Camera	V12HA46010
External Speaker (ELPSP02)	V12H467020
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020
1-Year Extended Service Plan	EPPEXPE1
2-Year Extended Service Plan	EPPEXPE2

¹ 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | ² Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for October 2019 – September 2020. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. | ³ 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. | ⁴ 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. | ⁵ Consult your user manual for Split Screen input combinations. | ⁶ 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 for details. | ⁷ Internet connection required for download. Data usage fee may apply. | ⁸ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁹ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ¹⁰ Expedited shipping not available in all areas. Road Service orders must be placed and processed by 3 p.m. Eastern Time for Next-Business-Day delivery.

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

Better Products for a Better Future[®]
eco.epson.com



Epson America, Inc.
 3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
 185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Specifications and terms are subject to change without notice. EPSON, PowerLite and Quick Corner are registered trademarks, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future and Epson iProjection are trademarks of Seiko Epson Corporation. PrivateLine is a registered trademark, Pilot and PixAlign are trademarks and Epson Connection is a service mark of Epson America, Inc. macOS is a trademark of Apple Inc., registered in the U.S. and other countries. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and other countries. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2023 Epson America, Inc. Com-SS-Oct-13 CPD-63054 1/23

