

PowerLite® L270F 1080p 3LCD Lamp-Free Laser Projector



Keep students engaged
wherever they are in the
classroom with bright,
large images.



Bright, true-to-life visuals — with 3-chip 3LCD technology and 5,200 lumens of color and white brightness¹

Incredible image quality — High Definition 1080p resolution at an exceptional value; accepts 4K content

No lamps to replace ever — solid-state, 30,000-hour virtually maintenance-free laser light source² in Extended Mode

Built-in wired network connectivity — integrated RJ45 network connection helps ensure fast, stable network performance

Wireless optional — easily connect and mirror your screen via Miracast^{®3} or Epson iProjection™⁴ using an optional wireless LAN module (sold separately)

Versatile widescreen display — up to 16:6 aspect ratio, up to 310" diagonal and split-screen⁵ capability for side-by-side viewing

Flexible installation — 1.6x optical zoom, horizontal and vertical keystone, Quick Corner and more makes upgrading easy

Seamless access to multiple AV sources — two HDMI[®] ports support switching between multiple high-definition sources

Immersive audio for classroom engagement — built-in 16 W speaker, plus Audio Out for external speaker connection

Free fleet management software — configure, monitor and control up to 2,000 networked projectors with Epson Projector Management software⁶

Specifications

Projection System RGB liquid crystal shutter projection system
Driving Method Poly-Silicon TFT Active Matrix
Pixel Number 2,073,600 dots (1920 x 1080) x 3
Color Brightness¹ Color Light Output: 5,200 lumens
White Brightness¹ White Light Output: 5,200 lumens
Aspect Ratio 16:9, Supports 4:3, 16:10, 16:9*, 16:6*, 21:9*
 * With vertical image shift control within letterbox area.
Light Source Laser Diode
Laser Light Source Life²
 Normal Mode: Up to 20,000 hours
 Extended Mode: Up to 30,000 hours
Throw Ratio Range 1.32 – 2.12
Size (Projected Distance)
 31" – 310" (0.88 m – 9.06 m)
Keystone Correction (Manual) Vertical: ±30 degrees;
 Horizontal: ±30 degrees
Dynamic Contrast Ratio Over 5,000,000:1
Color Reproduction Up to 1.07 billion colors

Projection Lens

Type Optical zoom (manual), Focus
F-Number 1.51 – 1.77
Focal Length 18.2 mm – 29.1 mm
Zoom Ratio 1.0 – 1.62

Other

Operating Temperature 32 °F to 104 °F (0 °C to 40 °C) (low altitude: 0 ft – 7,500 ft), 32 °F to 95 °F (0 °C to 35 °C) (high altitude: 7,500 ft – 10,000 ft)
Power Supply Voltage 100 V – 240 V AC ± 10%, 50/60 Hz
Auto Power On Signal Detection on HDMI/Plug-In Detection (HDMI, USB, VGA 15-pin)
Sleep Mode Yes (with timer)
Power Consumption
 Normal Mode: 291 W
 Quiet Mode: 226 W
 Standby Mode: 2.0 W
 Energy-Saving Mode: 0.5 W
Fan Noise
 Normal Mode: 38 dB
 Quiet Mode: 28 dB
Security Enterprise Level Security Encryption

Dimensions (W x D x H)

Projector (Including Feet) 12.8" x 4.1" x 11.7"
Weight 9.5 lb

Interfaces

1x D-sub 15-pin VGA Input
 1x D-sub 15-pin VGA Input/Monitor Out
 1x RCA Composite
 2x HDMI (with CEC Control)
 2x Audio In (3.5 mm stereo mini)
 1x Audio In (Red/White RCA)
 1x Audio Out (3.5 mm stereo mini)
 1x D-sub 9-pin RS-232c
 1x USB Type-A (with 5 V/2 A power supply)
 1x USB Type-B (for coping settings or USB Display)
 1x Wired LAN RJ-45
 1x Mic In (3.5 mm Stereo mini)



* Maximum speed and range are achievable when used with same enhanced mode technology. Actual features and performance may vary depending on your computer system, the environment and other factors.

Software

In addition to compatibility with Epson's standard suite of software, this product has a direct playback function via USB. Works with:
 - Epson Projector Content Manager Software⁷ (visit our support pages for the latest version)
 - Epson Creative Projection application⁸

Remote Control

Features Color Mode, A/V Mute, Focus, Zoom, Volume, Spotlight, HDMI, LAN, Keystone, Pattern, Menu, Effect, USB, Split, Computer, Freeze, Aspect, Home
Operating Angle
 Front and Rear Remote Sensors
 Up/down: -30 to +30 degrees
 Right/left: -30 to +30 degrees
Operating Distance 20 ft (6 m)

Eco Features

RoHS compliant
 Recyclable product⁷
 Epson America, Inc. is a SmartWay® Transport Partner⁸

Limited Warranty and Service

Warranty Three-year limited or 20,000 hours, whichever comes first, in the U.S. and Canada
Service Whole unit exchange, usually Next-Business-Day toll-free telephone support, Monday through Friday
 Epson Connection™ Pre-Sales Support (U.S. and Canada): 800-463-7766 Website: www.epson.com

Epson Preferred Plus™ Extended Service Plan⁹

1-Year Next-Business-Day Whole Unit Exchange¹⁰ EPPEXPE1
 2-Year Next-Business-Day Whole Unit Exchange¹⁰ EPPEXPE2
 (available for up to a total of 5 years of continuous coverage)

What's Included

PowerLite L270F standard-throw laser projector, projector remote control, two (2) AA batteries (for remote), HDMI cable, power cable

Ordering Information

PowerLite L270F	V11HC68020
Replacement Air Filter (ELPAF60)	V13H134A60
Soft Carrying Case (ELPKS71)	V12H001K71
Ceiling Mount (ELPMB60W)	V12H963210
Wireless LAN Module (ELPAP11)	V12H005A02
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020

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 No required maintenance for the light source for up to 30,000 hours (Extended Mode) or 20,000 hours (Normal Mode). 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. | ³ The optional wireless LAN module (sold separately) supports direct peer-to-peer wireless casting of local content from Miracast-enabled devices or via the Epson iProjection app. For best performance when using Epson iProjection, it is recommended that the projector and connecting devices be configured on a network, either through the Ethernet port on the projector or via a wireless connection. The Epson iProjection app does not support all files and formats. See epson.com/iprojection for details. | ⁴ 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. 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 epson.com for details. | ⁵ Consult your user manual for Split Screen input combinations. | ⁶ Internet connection required download and network connection for use of software. | ⁷ For convenient and reasonable recycling options, visit epson.com/recycle | ⁸ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ⁹ Product comes with a 3-year limited warranty with the option to purchase Extended Service Plans up to a total of 5 years of continuous coverage. Extended Service Plan can be purchased at any time that you are covered under an Epson limited warranty or Epson Extended Service Plan. See individual service plan for details. | ¹⁰ Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time for Next-Business-Day delivery. See limited warranty or service plan for details.

Learn more about how our products can empower your institution. Visit us at epson.com/foreducation



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