

PowerLite[®] 800F Ultra Short-throw Laser Projector



Projectors

Digital Signage and Education

The budget-friendly classroom projector for high-quality, ultra bright displays.

Ultra bright displays — 5,000 lumens of color and white brightness¹

High-quality images — Full HD 1080p resolution for true-to-life images up to 130" (16:9) diagonal

Virtually maintenance-free — 20,000-hour laser light engine with no lamps to replace²

Convenient ultra short-throw design — projects large, easy-to-read images, even in small spaces

Full array of connectivity options — including three HDMI[®] connections, HDBaseT, optional 5GHz wireless³, two built-in speakers and direct playback function via USB

Wireless screen mirroring — mirror device photos, videos and apps using Miracast; wirelessly display content with Epson iProjection^{™4} (optional accessory required)

Easily project wall-sized images — built-in edge blending and split screen⁵ features for easy, scalable projection

Remote management and control tools — for ease of access and maintenance

Simple, flexible installation — 360-degree placement capabilities; mount or place the projector in any position or angle, from landscape to portrait

Content management software and app included via download⁶ — create amazing effects and experiences with our easy-to-use, free content management software for digital signage; Epson Creative Projection app⁶ lets you easily create custom content, plus upload and playback directly from the projector





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

Specifications

Projection System RGB liquid crystal shutter projection system
Driving Method Poly-silicon TFT Active Matrix
Native Resolution 1080p⁷ (1366 x 768 x 2)
Resolution on Screen 1080p⁷ (2.1 million pixels)
Pixel Number 1,049,000 pixels (1366 x 768) x 3 chips
Color Brightness¹ Color Light Output: 5,000 lumens
White Brightness¹ White Light Output: 5,000 lumens
Aspect Ratio 16:9 (native); 16:6, 4:3, 16:10, 21:9
Image Size
 65" to 130" @16:9
 61" to 120" @16:6
Display Resolution 1080p
Light Source Laser Diode
Light Source Life²
 Normal Mode: Up to 20,000 hours
 Extended Mode: Up to 30,000 hours
Throw Ratio Range 0.27 (Zoom: Wide), 0.37 (Zoom: Tele)
Size (Projected Distance)
 65" – 130" [0.39 – 0.80 m] (Zoom: Wide) 16:9
 61" – 120" [0.40 – 0.80 m] (Zoom: Tele) 16:6
Keystone Correction Manual Vertical: ± 3 degrees;
 Horizontal: ± 3 degrees
Dynamic Contrast Ratio Over 2,500,000:1
Color Reproduction Up to 1.07 billion colors
Foot adjuster
 Vertical: -1.0 to +1.0 degrees
 Horizontal: -1.0 to +1.0 degrees
Modes
 Dynamic
 Presentation
 Cinema
 sRGB
 BlackBoard
 DICOM SIM
 Multi-Projection

Projection Lens

Type Digital zoom, Focus (Manual)
F-number 1.5
Focal Length 3.9mm
Zoom Ratio 1 – 1.35 (Digital zoom)

Software

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

Interfaces

3x HDMI
 1x HDBaseT
 1x Analog D-sub 15 Pin (input)
 1x RCA Composite
 1x HDMI (out)
 1x Analog D-sub 15 Pin video (input/monitor out)
 3x Stereo Mini In
 1x Stereo Mini Out
 1x RS232C Control Port
 2x USB Connector Type A (data/wireless)
 1x USB Connector Type A (for Power Only 5V 2A)
 1x USB-B Type (Firmware update)
 1x Wired LAN RJ-45

Wireless support with optional LAN Adapter: Wireless
 IEEE 802.11b (2.4GHz): 11 Mbps*
 IEEE 802.11g (2.4GHz): 54 Mbps*
 IEEE 802.11n (2.4GHz): 72.2 Mbps*
 IEEE 802.11a (5GHz): 54 Mbps*
 IEEE 802.11n (5GHz): 150.0 Mbps*
 IEEE 802.11ac (5GHz): 325 Mbps*

Other

Operating Temperature 41 °F to 113 °F (0 °C to 45 °C)
 (20 – 80% humidity, no condensation)
Power Supply Voltage 100 – 240 V AC ± 10%, 50/60 Hz
Power Consumption
 Normal Mode: 381 W
 Quiet Mode: 270 W
 Standby Mode: 2.0 W
 Energy-saving Mode: 0.5 W
Fan Noise
 Normal Mode: 36 dB
 Quiet Mode: 27 dB
Security Enterprise Level Security Encryption
Country of Origin China

Dimensions (W x D x H)

Projector 18.1" x 17.7" x 9"
Weight 20.7 lb (without cable cover); 21.4 lb (with cable cover)

Remote Control

Features A/V Mute, Focus, Zoom, Volume, HDMI, LAN, Keystone, Pattern, Menu, Effect, USB, Computer, USB Viewer, Color Mode, Default, ID, Aspect, Freeze, Home
Operating Angle
 Front: Right/left: -30 to +30 degrees, Upper/lower: 0 to +60 degrees
 Rear: Right/left: -55 to +55 degrees, Upper/lower: +75 to +15 degrees
Operating Distance 20 ft (6 m)

Eco Features

RoHS compliant
 Recyclable product*
 Epson America, Inc. is a SmartWay® Transport Partner*

Support

Epson ConnectionSM
 Pre-sales support: U.S. and Canada (800) 463-7766
 Internet website: www.epson.com
Service Programs 3-year projector limited warranty or 20,000 hours, whichever comes first.
 Epson Road Service program. Dedicated toll-free support (U.S. and Canada only)

What's in the Box

PowerLite 800F, Quick Setup Guide, Projector Remote Control, 2x AA Batteries, Cable Cover, 6' Power Cord

Ordering Information

PowerLite 800F	V11H923520
HDBaseT Transmitter (ELPHD01)	V12H547020
HDBaseT Transmitter/Connection and Control Box (ELPHD02)	V12H007A14
Ultra Short-throw Wall Mount (White) (ELPMB62)	V12HA06A05
Wireless LAN Adapter (ELPAP11)	V12H005A02

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 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. | 3 Optional accessory must be purchased. | 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. 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. | 5 Split Screen feature requires remote control. Consult your user manual for input combinations. | 6 Internet connection required for download. Data usage fee may apply. | 7 Pixel shifting technology achieves Full HD resolution on screen. | 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.

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eco.epson.com



Epson America, Inc.
3131 Katella Avenue, Los Alamitos 90720

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

www.epson.com
www.epson.ca

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Contact:

