

PowerLite® 800F Ultra Short Throw

Laser Projector



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 1080p² for true-to-life images up to 130" diagonal (16:9)

Virtually maintenance-free — 30,000-hour laser light source³ with no lamps to replace

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 wireless⁴, 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^{™5} (optional accessory required)

Easily project wall-sized images — built-in edge blending and split screen⁶ 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 virtually any position or angle, from landscape to portrait

Content management software and app included via download⁷ — create amazing effects and experiences with our easy-to-use, free content management software for digital signage; Epson[®] Creative Projection app⁷ lets you easily create custom content, plus upload and playback directly from the projector

Specifications

Projection System RGB liquid crystal shutter projection system
Driving Method Poly-Silicon TFT Active Matrix
Native Resolution 1080p² (1366 x 768 x 2)
Resolution on Screen 1080p² (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 Supports 4:3, 16:10, 16:9*, 16:6*, 21:9*
 * With vertical image shift control within letterbox area.
Image Size
 65" to 130" @16:9, 61" to 120" @16:6
Display Resolution 1080p
Light Source Laser Diode
Light Source Life³
 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 3.9 mm
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. Works with:
 - Epson Projector Content Manager Software (visit our support pages for the latest version)
 - Epson Creative Projection App⁷

Other

Speakers
 2x 8 W
Operating Temperature 41 °F – 113 °F (0 °C – 45 °C)
 (20% – 80% humidity, no condensation)
Power Supply Voltage 100 V – 240 V AC ± 10%, 50 Hz - 60 Hz

Interfaces

3x HDMI (with CEC Control)
 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 RS-232c Control Port
 2x USB Type-A Connector (data/wireless)
 1x USB Type-A Connector (for Power Only 5 V 2 A)
 1x USB Type-B Connector for USB Display
 1x Wired LAN RJ45
 1x USB-B Type (firmware update)
 Wireless support with optional LAN adapter:
 IEEE 802.11 b (2.4 GHz): 11 Mbps*
 IEEE 802.11 g (2.4 GHz): 54 Mbps*
 IEEE 802.11 n (2.4 GHz): 72.2 Mbps*
 IEEE 802.11 a (5 GHz): 54 Mbps*
 IEEE 802.11 n (5 GHz): 150.0 Mbps*
 IEEE 802.11 ac (5 GHz): 325 Mbps*

Other (Continued)

Auto Power On Signal Detection on HDMI; Plug-In Detection (HDMI, USB, VGA 15-Pin, BNC)
Sleep Mode Yes (with timer)
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)

Dimensions 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
 End-of-life options available⁸
 Epson America, Inc. is a SmartWay® Transport Partner⁹



* 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.

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-Day¹⁰
 Toll-free telephone support, Monday through Friday
 Epson ConnectionSM
 Pre-Sales Support (U.S. and Canada): 800-463-7766
 Website: www.epson.com

Epson PreferredSM Plus Extended Service Plan¹¹

1-Year Next-Business-Day Whole Unit Exchange¹⁰ EPPEXPF1
 2-Year Next-Business-Day Whole Unit Exchange¹⁰ EPPEXPF2
 (available for up to a total of 5 years of continuous coverage)

What's Included

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

Ordering Information

PowerLite 800F	V11H923520
HDBaseT Transmitter/Connection and Control Box (ELPHD02)	V12H007A14
Ultra Short Throw Wall Mount (White) (ELPMB62)	V12HA06A05
Wireless LAN Adapter (ELPAP11)	V12H005A02
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020
DC-30 Document Camera	V12HB09020

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 Pixel shifting technology achieves Full HD resolution on screen. | ³ 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. | ⁴ Optional accessory must be purchased. | ⁵ 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. | ⁶ Split Screen feature requires remote control. Consult your user manual for input combinations. | 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 Subject to limited warranty terms and conditions. Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. | ¹¹ 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.

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



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 and PowerLite are registered trademarks, and Epson iProjection is a trademark of Seiko Epson Corporation. Epson Connection and Epson Preferred are service marks of Epson America, Inc. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. Miracast® is a registered trademark of Wi-Fi Alliance®. 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. CPD-59380R4 11/23

Contact:

