

# PowerLite® 800F Ultra Short-throw Laser Projector



Projector

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 brightness<sup>1</sup>

**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 replace<sup>2</sup>

**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 wireless<sup>3</sup>, 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™<sup>4</sup> (optional accessory required)

**Easily project wall-sized images** — built-in edge blending and split screen<sup>5</sup> 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 download<sup>6</sup>** — create amazing effects and experiences with our easy-to-use, free content management software for digital signage; Epson Creative Projection app<sup>6</sup> 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

**Pixel Number** 1,049,088 dots (1366 x 768) x 3 chips

**Color Brightness<sup>1</sup>** Color Light Output: 5,000 lumens

**White Brightness<sup>1</sup>** 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 Life<sup>2</sup>**

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)



\*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.

**Eco Features**

RoHS compliant

Recyclable product<sup>7</sup>

Epson America, Inc. is a SmartWay® Transport Partner<sup>8</sup>

**Support**

**Epson Connection<sup>SM</sup>**

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 For convenient and reasonable recycling options, visit www.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.

See the latest innovations from Epson Business Solutions at [www.epson.com/foreducation](http://www.epson.com/foreducation)

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