

PowerLite 805F Ultra Short-throw Laser Projector



Projectors

Education

Create a one-of-a-kind experience with this powerful, ultra short-throw projector.

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" diagonal (16:9)

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

Content management software and app included via download³ — create amazing effects and experiences with our easy-to-use, free content management software for digital signage; Epson Creative Projection app³ lets you easily create custom content, plus upload and playback directly from the projector

Full array of connectivity options — including three HDMI[®] connections, HDBaseT, optional 5GHz wireless⁴, two built-in speakers and direct playback function via USB

Easily project wall-sized images — built-in edge blending and split screen⁵ features for larger than life dynamic content

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

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

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

Wireless enabled — mirror photos, videos and apps using Miracast[®] or use the Epson Creative Projection app for iOS[®] to create, connect and project unique and customized effects for variety of signage applications (optional accessory required)



Specifications

Projection System RGB liquid crystal shutter projection system

Driving Method Poly-silicon TFT Active Matrix

Native Resolution 1080p⁵ (1366 x 768 x 2)

Resolution on Screen 1080p⁵ (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

Display Resolution 1080p (1366 x 768 x 2)

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

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

Other

Operating Temperature 41 ° to – 113 °F (0 ° to 45 °C)
(20 – 80% humidity, no condensation)

Power Supply Voltage 100 – 240 V AC ± 10%, 50/60 Hz

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

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 RS232C Control Port

2x USB Connector Type A (data/wireless)

1x USB Connector Type A (for Power Only 5V 2A)

1x USB Connector Type B for USB Display

1x Wired LAN RJ-45

1x USB-B Type (Firmware update)

Wireless support with optional LAN Adapter:

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*

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 product⁷

Epson America, Inc. is a SmartWay® Transport Partner⁸



*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.

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 805F, Quick Setup Guide, Projector Remote Control, 2x AA Batteries, Cable Cover, 6' Power Cord

Ordering Information

PowerLite 805F	V11H923620
HDBaseT Transmitter (ELPHD01)	V12H547020
HDBaseT Transmitter/Connection and Control Box (ELPHD02)	V12H007A14
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 Internet connection required for download. Data usage fee may apply. | 4 Optional accessory must be purchased. | 5 Split Screen feature requires remote control. Consult your user manual for input combinations. | 6 Pixel shifting technology achieves Full HD resolution on screen. | 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.

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

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