

PowerLite® 810E

3LCD Ultra Short Throw 3LCD Laser Display with 4K Enhancement¹



Take your meeting room experience beyond the limits of the usual flat panel displays.



Stunning colors and incredible picture quality with 3-chip 3LCD technology: virtually no glare from anywhere in the room, unlike flat TV screens; 5,000 lumens of color and white brightness².

Stunningly sharp images with enhanced 4K resolution¹: Epson's advanced pixel-shifting technology combined with innovative frame interpolation, HDR and scene-adaptive gamma image processing provides visibly sharper and more detailed image quality.

Large image up to 160" diagonal: 80" image from just 1.5" away from the wall or 100" from 4" away; at less than 28 pounds, this lightweight projector can deliver an image up to 160" diagonal; 4.5 times larger than a 75" flat screen TV.

Built-in flexible digital display for easy integration: 16:9 native aspect ratio with additional support for 16:6 and 21:9 ultra-wide format for an equitable conference experience in meeting rooms.

Laser Technology: a virtually maintenance-free light source of up to 30,000 hours³ combined with a sophisticated re-engineered cooling system, eliminates the need to buy or replace a lamp again.

Fully loaded to meet your latest needs: multiple HDMI ports, integrated wired/wireless networking, HDBaseT, RS-232c connectivity and Miracast; dynamic sound system with two speakers to fill virtually any room.

Optimized setup: digital zoom and image shifting make image alignment easy for a desktop or wall-mounted display; Epson Setting Assistant app⁴ ensures easy installation by automatically smoothing edges and corners.

Complex tasks simplified: with time-saving tools such as Wake On signal; multiple EDID settings configurations with digital image correction for easy setup for almost any image size/aspect ratio; built-in media player supports Epson content management software for direct content playback functionality.

Simple installed base management: Epson's projector management software⁵ provides an easy way to track the status of your installed base from a central panel.

World-class service and support: 3-year limited warranty with replacement of the equipment⁶.

Specifications

Projection System RGB liquid crystal shutter
Driving Method Polysilicon TFT active matrix
Native Resolution 1080p with 4K Enhancement¹ (1920 x 1080 x 2)
Display Resolution 1080p with 4K Enhancement¹ (4.1 million pixels)
Number of Pixels 2,073,600 pixels (1920 x 1080) x 3 chips
Color Brightness² Color light output: 5,000 lumens
White Brightness² White light output: 5,000 lumens
Aspect Ratio Supports 16:9, 16:10, 4:3, 21:9*, 16:6* (with vertical image shift control in letterbox area)
 * The 21:9 and 16:6 images can be adjusted vertically within the letterbox format. When using digital zoom, images can be adjusted vertically and horizontally within the letterbox area.
Throw Ratio Range 0.16 (Zoom: Wide), 0.22 (Zoom: Tele)
Image Size (Projected Distance)
 80" to 160" (Zoom Wide: 10.9" - 22.7") at 16:9
 74" to 148" (Zoom Wide: 10.9" - 22.7") at 16:10
 66" to 130" (Zoom Wide: 10.9" - 22.7") at 4:3
 76" to 151" (Zoom Wide: 10.9" - 22.7") and 21:9
 75" to 148" (Zoom Wide: 10.9" - 22.7") at 16:6

Light Source Laser diode

Light Source Life³

Normal Mode: Up to 20,000 hours

Extended Mode: Up to 30,000 hours

Dynamic Contrast Ratio More than 2,500,000:1

Color Reproduction Up to 1.07 billion colors

Manual Keystone Correction/Foot Adjustment

Vertical: ± 3.6 degrees

Horizontal: ±0.9 degrees

Display Modes

Dynamic

Presentation

Cinema

Natural

BlackBoard

DICOM SIM

Slate

Multi-Projection

Face Brightness

Projection Lens

Type Digital zoom, Focus (manual)

F-Number 1.8

Focal length 2.3 mm

Zoom Ratio 1 - 1.35 (digital zoom)

Software

Epson Setting Assistant app (Google Play™ Store/Apple® App Store)

Epson iProjection™⁵

Epson Projector Management (desktop/connected)

In addition to compatibility with Epson's standard software suite, this product has a direct playback function via USB. Works with:

- Epson Projector Content Management (visit our support pages for the latest version)

- Epson Creative Projection app for iOS®

Compatible Network Control/Management

Microsoft Teams® Front Row, PJ-Link Class-2, Art-Net, Crestron®

Connected, Extron® IP Link, Extron XTP, AMX® Device Discovery

Interfaces

2x HDMI (HDCP 2.3)

1x HDBaseT

1x HDMI (out)

1x RS-232c Control Port

1 x USB Type A connector (data/wireless)

1x USB Type A connector (power supply 5 A, 2 V and data)

1x USB Type B connector (firmware update)

1x RJ-45 wired LAN

Integrated Wireless Support:

Infrastructure, Firmware Upgrade, USB Display and Access Point -

Wi-Fi Direct®:

IEEE 802.11b (2.4 GHz): 11 Mbps* (infrastructure only)

IEEE 802.11g (2.4 GHz): 54 Mbps*.

IEEE 802.11n (2.4 GHz): 72.2 Mbps*.

IEEE 802.11a (5 GHz): 54 Mbps*.

IEEE 802.11n (5 GHz): 150.0 Mbps*.

IEEE 802.11ac (5 GHz): 325 Mbps*.

Wi-Fi CERTIFIED™ Miracast R2

* Maximum speed and range can be achieved when used with the same technology in advanced mode. Actual features and performance may vary depending on computer system, the environment and other factors.

Other

Operating Temperature 32°F to 104°F (0°C to 40°C)

Storage temperature 14°F to 140°F (-10°C to 60°C)

(20% - 80% humidity, non-condensation)

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

Auto Power On Signal Detection on HDMI/Plug-In Detection

Power Consumption

Normal Mode: 398 W

Quiet Mode: 296 W

Standby Mode: 2.0 W

Energy Saving Mode: 0.4 W

Fan Noise

Normal Mode: 35 dB

Quiet Mode: 26 dB

Security Enterprise-level security encryption

Country of Origin Philippines

Dimensions (W. x D. x H.)

Projector 27.4" x 13.5" x 5.7

Weight 27.6 lb.

Remote Control

Features

Power, A/V Mute, Split, E-Zoom, Volume, HDMI, LAN, ESC, Num Auto,

Enter, Directional Arrows, Menu, Effect, Source Search, USB,

Computer, Color Mode, Pattern, ID, Aspect, Freeze, User, 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 feet (6 m)

Ecological Resources

RoHS compliant



Security

Infrastructure:

OPEN

WPA2/WPA3-PSK

WPA2/WPA3-EAP

Supported EAP:

PEAP, PEAP-TLS, EAP-TLS, EAP-Fast

Access Point (Wi-Fi® Direct):

WPA2-PSK(AES)

Warranty and Support

Limited Warranty Three years in Latin America⁶

Service See latin.epson.com to confirm local service options.

What is included

PowerLite® 810E, Quick Setup Guide, Projector Remote Control, 2 AA Batteries, 6" Power Cable

Ordering Information

PowerLite 810E ⁹	V11HA99020
Ultra Short Throw Wall Mount Bracket (ELPMB75)	V12HB12010
Wireless LAN Adapter (ELPAP11)	V12H005A02
Replacement Air Filter (ELPAF64)	V13H134AE0
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020
DC-30 Document Camera	V12HB09020
100" Ambient Light Rejection Screen (16:9)*	V12H002AL0
120" Ambient Light Rejection Screen (16:9)*	V12H002AM0

*For use with tabletop projector installation only.



Shown with optional wall mount (sold separately).

¹ 4K Enhancement technology shifts each pixel to surpass the Full HD resolution on the screen. ² Color brightness (color light output) and white brightness (white light output) will vary according to usage conditions. Color light output measured according to IDMS 15.4; white light output measured according to ISO 21118. ³ No maintenance is required for the light source for up to 30,000 hours (Extended Mode) or 20,000 hours (Normal Mode). Approximate time to brightness decreases 50% from first use. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time will vary depending on usage conditions and environment. Replacement of parts other than light source may be required within a shorter period. ⁴ Internet connection required for download. A data usage fee may apply. ⁵ For wireless functionality, including through the Epson iProjection App, the projector must be set up on a network, either through the projector's Ethernet port (check model specifications for availability) or through a wireless connection. Check the owner's manual to determine if a separate wireless LAN module must be purchased to enable a wireless connection. Not all Epson projectors can be networked. The Epson iProjection App does not support all files and formats. See latin.epson.com for details. ⁶ The product comes with a 3-year limited warranty with the option to purchase extended service plans for up to a total of 5 years of continuous coverage. The Extended Service Plan can be purchased at any time that you are covered by an Epson limited warranty or the Epson Extended Service Plan. See individual service plan for details.

Learn more about how our products can empower your institution. Visit us at: latin.epson.com/proyector-es-educacion

latin.epson.com

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

Contact:

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. Apple and App Store are trademarks of Apple Inc. registered in the U.S. and other countries. Microsoft Teams is a trademark of the Microsoft group of companies. Google Play is a trademark of Google LLC. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. Miracast® and Wi-Fi Direct® are registered trademarks and Wi-Fi CERTIFIED™ is a registered trademark of Wi-Fi Alliance®. All other product names and brands are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in those marks. Copyright 2024 Epson America, Inc. 06/24