EPSON®

PowerLite® 810E

3LCD Extreme Short Throw Lamp-Free
Laser Display with 4K Enhancement[1]

Take classroom and meeting room displays beyond the limits of flat panels.

Stunning color and impactful image quality with 3-chip 3LCD technology — virtually glare-free from anywhere in the room, unlike flat panels; 5,000 lumens of color and white brightness[2]

Astonishingly smooth display with 4K Enhanced resolution[1] — Epson's advanced pixel-shifting technology combined with innovative frame interpolation, HDR and scene adaptive gamma image processing provides visibly smooth and more detailed picture quality

Large, up to 160" diagonal image — 80" image from just 1" away from the wall or 100" from 4" away; at under 28 pounds, this lightweight projector can deliver an image up to 160" diagonal; 4.5 times larger than a 75" flat panel

Built-in flexible digital canvas for easy integration — 16:9 native aspect ratio with additional support for ultra wide 16:6 and 21:9 for equitable conferencing experience in meeting rooms

Lamp-free technology — a virtually maintenance-free laser light source of up to 30,000 hours[3] combined with a sophisticated re-engineered cooling system eliminates the need to ever purchase or replace a lamp again

Fully loaded to support your latest needs — multiple HDMI® ports, built-in wired/wireless networking, HDBaseT®, RS-232c connectivity and Miracast®; dynamic dual speaker sound system to fill virtually any room

Streamlined setup — digital zoom and image shifting make image alignment easy for desktop or wall-mounted display; Epson Setting Assistant app[4] ensures easy installation by automatically smoothing edges and corners

Complex tasks made easy — with timesaving tools such as Wake On signal; multiple EDID settings with digital image correction for ease of installation for nearly any image size/aspect ratio; built-in media player supports Epson® content management software

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Specifications

Projection System RGB liquid crystal shutter projection system
Driving Method Poly-silicon TFT active matrix
Native Resolution 1080p with 4K Enhancement[1] (1920 x 1080 x 2)
Resolution on Screen 1080p with 4K Enhancement[1] (4.1 million pixels)
Pixel Number 2,073,600 pixels (1920 x 1080) x 3 chips
Color Brightness[2] Color light output: 5,000 lumens
White Brightness[2] White light output: 5,000 lumens
Aspect Ratio Supports 16:9, 16:10, 4:3,21:9*, 16:6*
(with vertical image shift control within letterbox area)
* 21:9 and 16:6 images can be adjusted vertically within the letterbox. 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") at 21:9
75" to 148" (Zoom Wide: 10.9" – 22.7") at 16:6
Light Source Laser diode
Light Source Life[3]
Normal Mode: Up to 20,000 hours
Extended Mode: Up to 30,000 hours
Dynamic Contrast Ratio Over 2,500,000:1
Color Reproduction Up to 1.07 billion colors
Manual Keystone Correction/Foot Adjuster
Vertical: ±3.6 degrees
Horizontal: ±0.9 degrees
Display Modes
Dynamic
Presentation
Cinema
Natural
BlackBoard
DICOM SIM
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 suite of software, 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®

Interfaces

2x HDMI (HDCP 2.3)
1x HDBaseT
1x HDMI (out)
1x RS-232c Control Port
1x USB Connector Type A (data/wireless)
1x USB Connector Type A (power 5 A, 2 V and data)
1x USB Connector Type B (firmware update)
1x Wired LAN RJ-45
Built-In Wireless Support:
Infrastructure, Firmware Update, 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 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.

Compatible Network Control/Management

Microsoft Teams® Front Row, PJ-Link Class-2, Art-Net, Crestron® Connected, Extron® IP Link, Extron XTP, AMX® Device Discovery

Other

Speakers 2x 8 W
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, no 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, Default, 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 ft (6 m)

Eco Features

RoHS compliant
End-of-life options available[6]
Epson America, Inc. is a SmartWay® Transport Partner[7]

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)

Limited Warranty and Service

Warranty Three-year limited in the U.S. and Canada
Service Whole unit exchange, usually Next-Business-Day[8], Toll-free telephone support, Monday through Friday
Epson Connection℠
Pre-Sales Support (U.S. and Canada): 800-463-7766
Website: www.epson.com

Epson Preferred℠ Plus Extended Service Plan[8]

1-Year Next-Business-Day Whole Unit Exchange[9]   EPPEXPF1
2-Year Next-Business-Day Whole Unit Exchange[9]   EPPEXPF2
(available for up to a total of 5 years of continuous coverage)

What's Included

PowerLite 810E, Quick Setup Guide, Projector Remote Control, 2x AA Batteries, 6' Power Cord

Ordering Information

PowerLite 810E	V11HA99020
Extreme Short Throw Wall Mount (White) (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 Rejecting Screen (16:9)*	V12H002AL0
120" Ambient Light Rejecting Screen (16:9)*	V12H002AM0

* For use with tabletop projector installation only.

Shown with optional wall mount (sold separately).

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

SmartWay® Transport Partner
Getting There With Cleaner Air

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: