EB-780E

DATASHEET / BROCHURE





A bright, 4KE laser projector designed for education and business - enhancing visibility, collaboration and engagement in any space.

The EB-780E is an ultra-short-throw classroom and meeting room projector with a bright, scalable display up to 180". Featuring 4,200 lumens, 4KE resolution and wireless connectivity including Apple AirPlay 2[1], it supports collaborative teaching, presentations and content sharing. This laser projector delivers low-maintenance operation, flexible installation and comfortable viewing.

Large, bright display for impactful collaboration
The EB-780E ultra-short-throw projector delivers a scalable display from 60" to 180", ensuring content remains clearly visible throughout classrooms and meeting rooms. With 4,200 lumens brightness, it performs reliably in bright environments without the need to dim lights, supporting engaging presentations, lessons and collaborative sessions.

Detailed visuals with advanced projection technology
Featuring 3LCD technology, this 4KE resolution projector produces sharp, vibrant images with high colour brightness. Text, images, spreadsheets and video content remain clear and detailed, helping improve comprehension, communication and audience engagement.

Seamless collaboration across multiple devices
With built-in wireless connectivity including Apple AirPlay 2[1], Miracast and Epson Classroom Connect, users can share content easily from laptops, tablets and smartphones. Using Epson Classroom Connect, teachers can manage contributions efficiently and display up to four sources simultaneously for more dynamic collaboration.

Flexible display solution for modern spaces
The ultra-short-throw design enables large-scale displays even in compact rooms, reducing shadows and distractions near the screen area. Its flexible display size makes it suitable for a variety of environments, from front-of-classroom teaching to agile meeting spaces and collaborative corporate settings.

Comfortable viewing for extended sessions
As a laser projector, the EB-780E uses reflected light rather than direct emission, reducing glare and eye strain. This creates a more comfortable viewing experience for longer meetings, presentations and lessons, while maintaining visibility from wide viewing angles.

Complete solution for easy setup and management
When combined with the optional ELPCB04 control box, optional ELPMB89 wall mount and Epson software such as the Epson Setting Assistant app and the Epson Projector Configuration Tool, the EB-780E becomes a complete display solution. It simplifies installation, enables efficient configuration of multiple devices, and remains intuitive to use, making it ideal for schools, businesses and installers alike.

KEY FEATURES

- **Ultra-bright large display up to 180" for clear visibility**
  Display content clearly from any angle with a scalable 60-180" display and 4,200 lumens brightness, ensuring excellent visibility in classrooms and meeting rooms.
- **4KE resolution and 3LCD for detailed, vibrant images**
  Deliver crisp, colourful visuals with 4KE 3LCD projector technology, helping improve engagement, collaboration and content clarity.
- **Flexible wireless sharing and multi-device collaboration**
  Share content easily via Apple AirPlay 2[1] or Miracast. Epson Classroom Connect enables up to 50 users to connect and up to four sources to be displayed at a time.
- **Ultra-short-throw design for flexible spaces**
  Create large displays in compact environments with an ultra-short-throw projector that reduces shadows and distractions in classrooms and meeting spaces.
- **Comfortable viewing from any angle and low glare**
  Projection technology offers a large display size with reduced glare and reflections from any angle, ensuring comfortable, easy viewing throughout the room.
- **Simplified setup with tools and accessories**
  Use the optional ELPCB04 control box, optional ELPMB89 mount, and Epson software to simplify installation, setup, and management.
- **Legal Statement**
  Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates for 7 years from purchase

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PRODUCT SPECIFICATIONS

TECHNOLOGY	
Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.62 inch with C2 Fine
IMAGE	
Color Light Output	4,200 Lumen- 2,800 Lumen (economy) In accordance with IDMS15.4
White Light Output	4,200 Lumen - 2,800 Lumen (economy) In accordance with ISO 21118:2020
Resolution	1080p
Resolution Enhancement	4K enhancement
Aspect Ratio	16:9
On-Screen Pixel Count	4,147,200 dots (1920 x1080x2)
Contrast Ratio	Over 5,000,000 : 1
Light source	Laser
Laser Light source	20,000 hours Durability High, 30,000 hours Durability Eco
Keystone Correction	Manual vertical: ±3 ° horizontal ±3 °
Colour Video Processing	10 Bits
2D Vertical Refresh Rate	192 Hz - 240 Hz
Colour Reproduction	Upto 1.07 billion colours
OPTICAL	
Throw Ratio	0.25 - 0.35:1
Zoom	Digital, Factor:1 - 1.35
Lens	Optical
Screen Size	60 inches - 180 inches
Projection Lens F Number	1.6
Projection Lens Focal Length	3.7 mm
Projection Lens Focus	Manual
Offset	5 : 1
CONNECTIVITY	
Interfaces	USB 2.0-A (2x), USB 2.0 Type B (Service Only), USB 2.0 Mini-B, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11a/b/g/n/ac, Wi-Fi Direct, HDMI in (3x), HDMI out, Miracast, Jack plug out, Jack plug in, Microphone input, Sync. in, Sync. out, Apple AirPlay 2
Epson iProjection App	Ad-Hoc / Infrastructure
Network Protocol	HTTPS, IPv4, IPv6, SNMP, ESC/VP.net, PJLink
ADVANCED FEATURES	
Security	Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN security, Password protection
Other features	21:9 aspect ratio support, A/V mute, Arc Correction, Auto Calibration, Auto Power On, Auto source search, Built-in speaker, CEC compatible, Digital zoom, Direct Power on/off, Document Camera Compatible, Easy OSD pre-setting, Home Screen, Image Shift, Mail notification function, Network administration, OSD copy function, PC free annotation, Quick Corner, Screen Mirroring, Split-Screen-Function, Ultra-wide display (16:6), Volume control, Web Control, Web Remote, Wireless LAN capable, iProjection App
Video Color Modes	Blackboard, Cinema, Dynamic, Presentation, sRGB, DICOM SIM
Projector control	via: Crestron Integrated Partner, Extron IP Link, AMX Device Discovery, Control4 Simple Device Discovery Protocol

WHAT'S IN THE BOX

- Information sheet
- Power cable
- Projector feet
- Remote control incl. batteries

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PRODUCT SPECIFICATIONS

GENERAL	
Power consumption	200.3 Watt (Normal On-Mode), 166.6 Watt (Eco On-Mode), 289.5 Watt (Normal Peak-mode), 236.9 Watt (Eco Peak-Mode), 0.5 Watt (Energy saving standby)
Heat Dissipation	762.6 BTU/hour (max)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	376 x 395 x 139 mm (Width x Depth x Height)
Product weight	7.1 kg
Noise Level	Normal:31 dB (A) - Economy:27 dB (A)
Supported Temperature	Storage -10° C - 60° C
Supported Humidity	Storage 45% - 85%
Options	Air filter, Ceiling mount, Connection and control box, Document camera, External Speaker, Safety wire set, Short throw wall mount, Visualiser camera
Loudspeaker	16 Watt
Room Type / Application	Meeting room / Classroom
Positioning	Ceiling Mounted, Wall Mounted
Colour	White
OTHER	
Warranty	60 months Carry in

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OPTIONAL ACCESSORIES

- Ceiling Pipe (450mm) - ELPFP13
  V12H003P13
- Ceiling Pipe (700mm) - ELPFP14
  V12H003P14
- Ultra-short-throw Wall Mount - ELPMB62
  V12HA06A06
- Ultra-short-throw Wall Mount - ELPMB89
  V12HC54010
- ELPCB04 projector control box and USB-C docking station
  V12HC49040

LOGISTICS INFORMATION

SKU	V11HC11040
EAN code	8715946749686
Country of Origin	Philippines

Visualizers

- ELPDC07
  V12H759040
- ELPDC13
  V12H757040DA
- ELPDC21
  V12H758040DA
- ELPDC30
  V12HB09080

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Or visit us at https://www.epson.co.uk/contactus
* 10p per minute plus network extras.

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