

EB-680

DATASHEET



Liven up the classroom and deliver a screen size of up to 93 inches, utilising 3LCD technology, to display educational content.

With a brightness of 3,500 lumens and XGA resolution, the EB-680's ultra-short-throw design allows you to present large images from a very short distance with minimised shadows and glare. A 14,000:1 contrast ratio and HDMI input mean that students benefit from sharp, clear images.

High-quality, bright images

Epson's 3LCD technology ensures high-quality images with equally high White and Colour Light Output for vivid colours and bright images, even in daylight, and three times brighter colours than leading competitive projectors¹.

Keep costs down

Project for longer with improved reliability and a longer lamp life of up to 10,000 hours in eco mode.

Enhanced learning

Split-screen functionality allows two pieces of content to be displayed simultaneously without compromising on quality. The moderator function allows teachers to remain in control, choosing what content to display.

Optional wireless capability

Wirelessly display content easily from a range of smart devices and Google Chromebooks using our iProjection App².

Document camera compatibility

Connecting the optional Epson document camera allows you to easily display images and 3D objects with incredible detail for the whole class to see.

KEY FEATURES

- **Up to 93-inch display and outstanding quality**
XGA resolution with Epson 3LCD technology
- **Reliable**
Improved reliability and a longer lamp life
- **Wireless Connectivity (Optional)**
Allows content to be shown from a range of devices
- **Long lamp life**
Up to 10,000 hours in eco mode
- **Ultra short throw projection**
For maximum installation flexibility



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PRODUCT SPECIFICATIONS

| | |
|--------------------------|--|
| GENERAL | |
| Colour | White / Grey |
| Energy Use | 354 W, 309 W (economy), 0.37 W (standby) |
| TECHNOLOGY | |
| Projection System | 3LCD Technology |
| LCD Panel | 0.55 inch with D9 |
| IMAGE | |
| Colour Light Output | 3,500 lumen- 2,900 lumen (economy) In accordance with IDMS15.4 |
| White Light Output | 3,500 lumen - 2,900 lumen (economy) In accordance with ISO 21118:2012 |
| Resolution | XGA, 1024 x 768, 4:3 |
| Contrast Ratio | 14,000 : 1 |
| Lamp | 250 W, 5,000 h durability, 10,000 h durability (economy mode), 9,000 h durability (economy mode) |
| Keystone Correction | Manual vertical: $\pm 3^\circ$, Manual horizontal $\pm 3^\circ$ |
| Colour Reproduction | Upto 1.07 billion colours |
| OPTICAL | |
| Projection Ratio | 0.32 - 0.43:1 |
| Zoom | Digital, Factor: 1 - 1.35 |
| Image Size | 56 inches - 93 inches |
| Projection Distance Wide | 0.4 m (56 inch screen) |
| Projection Distance Tele | 0.6 m (93 inch screen) |
| Focal Distance | 3.7 mm |
| Focus | Manual |
| Offset | 6.9 : 1 |
| CONNECTIVITY | |
| USB Display Function | 3 in 1: Image / Mouse / Sound |
| Interfaces | USB 2.0 Type A, USB 2.0 Type B, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n (optional), VGA in (2x), VGA out, HDMI in (3x), Composite in, RGB in (2x), RGB out, MHL, Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input |
| Epson iProjection App | Ad-Hoc / Infrastructure |
| ADVANCED FEATURES | |
| Security | Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection |
| Features | Auto brightness adjustment, Automatic input selection, Built-in speaker, CEC compatible, Customizable user logo, Digital zoom, Direct Power on/off, Document Camera Compatible, Dynamic lamp control, Easy OSD pre-setting, Home Screen, Long lamp life, Split-Screen-Function |
| Interactivity | No |
| Video Colour Modes | Blackboard, Dynamic, Presentation, Sports, sRGB, Theatre, Whiteboard |
| OTHER | |
| Warranty | 36 months On-site service or 8,000 h, Lamp: 12 months or 1,000 h Optional warranty extension available |

LOGISTICS INFORMATION

| | |
|-------------------|---------------|
| SKU | V11H746041 |
| EAN code | 8715946605265 |
| Country of Origin | Philippines |

For more information please contact:

Telephone: 01952 607111 (UK)+
01 436 7742 (Republic of Ireland)
E-mail: enquiries@epson.co.uk
Chat: etalk.epson-europe.com
Fax: 0871 222 6740
+ Local call rate.

Web: www.epson.co.uk
www.epson.ie

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WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- CD Manual
- Quick Start Guide
- USB cable
- Wall mounting bracket
- Warranty card
- Main unit

OPTIONAL ACCESSORIES

- Active Speakers (2 x 15W) - ELPSP02
V12H467040DA
- Control and Connection Box - ELPCB02
V12H614040DA
- Lamp - ELPLP91 - EB-68x/69x (250W)
V13H010L91
- Wireless LAN Adapter - ELPAP10
V12H731P01
- Air Filter - ELPAF49 - EB-67x/68x/69x
V13H134A49
- Table Mount for Ultra-short-throw Series - ELPMB29
V12H516040

1. - Colour Brightness (Colour Light Output) measured in accordance with IDMS 15.4. Colour Brightness will vary depending on usage conditions. Leading Epson 3LCD business and education projectors compared to leading one-chip DLP projectors, based on NPD data for June 2013 through May 2014 and PMA Research data for Q1 through Q3 2013. For more information please visit www.epson.eu/CLO
2. - iProjection App available on Android and iOS devices, and Google Chromebooks.

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