

# 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 projectors<sup>1</sup>.

### 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 App<sup>2</sup>.

### 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

|                               |                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <strong>GENERAL</strong>      |                                                                                                                                                                                                                                                                                            |
| Colour                        | White / Grey                                                                                                                                                                                                                                                                               |
| <strong>TECHNOLOGY</strong>   |                                                                                                                                                                                                                                                                                            |
| Projection System             | 3LCD Technology                                                                                                                                                                                                                                                                            |
| LCD Panel                     | 0.55 inch with D9                                                                                                                                                                                                                                                                          |
| <strong>IMAGE</strong>        |                                                                                                                                                                                                                                                                                            |
| Colour Light Output           | 3,500 lumen- 2,800 lumen (economy)                                                                                                                                                                                                                                                         |
| White Light Output            | 3,500 lumen - 2,800 lumen (economy) In accordance with ISO 21118:2012                                                                                                                                                                                                                      |
| Resolution                    | XGA, 1024 x 768, 4:3                                                                                                                                                                                                                                                                       |
| Contrast Ratio                | 14,000 : 1                                                                                                                                                                                                                                                                                 |
| Native Contrast               | 300 : 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                                                                                                                                                                                                                                                                  |
| <strong>OPTICAL</strong>      |                                                                                                                                                                                                                                                                                            |
| Projection Ratio              | 0.32:1                                                                                                                                                                                                                                                                                     |
| 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                | 3.76 mm                                                                                                                                                                                                                                                                                    |
| Focus                         | Manual                                                                                                                                                                                                                                                                                     |
| Offset                        | 5.8 : 1                                                                                                                                                                                                                                                                                    |
| <strong>CONNECTIVITY</strong> |                                                                                                                                                                                                                                                                                            |
| 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                                                                                                                                                                                                                                                                    |
| <strong>OTHER</strong>        |                                                                                                                                                                                                                                                                                            |
| Warranty                      | 36 months On site service or 8,000 h, Lamp: 12 months or 1,000 h<br>Optional warranty extension available                                                                                                                                                                                  |

## LOGISTICS INFORMATION

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

## EB-680

### WHAT'S IN THE BOX

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

### OPTIONAL ACCESSORIES

- Active Speakers (2 x 15W) - ELPSP02  
V12H467040DA
- Control and Connection Box - ELPCB02  
V12H614040DA
- Lamp - ELPLP91 - EB-68x/69x (250W)  
V13H010L91
- Air Filter - ELPAF49 - EB-67x/68x/69x  
V13H134A49
- Wireless LAN Adapter - ELPAP10  
V12H731P01
- Ceiling Mount (White) - ELPMB23  
V12H003B23
- Table Mount for Ultra-short-throw Series - ELPMB29  
V12H516040
- Ceiling Pipe (450mm) - ELPFP13  
V12H003P13
- Ceiling Pipe (700mm) - ELPFP14  
V12H003P14

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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](http://www.epson.eu/CLO)  
2. - iProjection App available on Android and iOS devices, and Google Chromebooks.

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