

# EB-685W



## DATASHEET



Innovative teaching solution with a large scalable screen size of up to 100 inches to display HD-ready WXGA content for enhanced learning.

The EB-685W's ultra-short-throw design allows you to present large images from a very short distance with minimised shadows and glare. With a brightness level of 3,500 lumens, an HD-ready WXGA resolution, a 14,000:1 contrast ratio, and HDMI input, 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 100-inch display and outstanding quality**  
HD-ready WXGA 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



## PRODUCT SPECIFICATIONS

### TECHNOLOGY

Projection System	3LCD Technology
LCD Panel	0.59 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	WXGA, 1280 x 800, 16:10
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	0.28 - 0.37:1
Zoom	Digital, Factor: 1 - 1.35
Image Size	60 inches - 100 inches
Projection Distance Wide	0.4 m ( 60 inch screen)
Projection Distance Tele	0.6 m ( 100 inch screen)
Projection Lens F Number	1.6
Focal Distance	3.7 mm
Focus	Manual
Offset	5.8 : 1

### CONNECTIVITY

USB Display Function	3 in 1: Image / Mouse / Sound
Interfaces	USB 2.0 Type A, USB 2.0 Type B, RS-232C, HDMI in (3x), Composite in, RGB in (2x), RGB out, Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n (optional), VGA in (2x), VGA out, MHL
Epson iProjection App	Ad-Hoc / Infrastructure

### ADVANCED FEATURES

Security	Kensington lock, Password lock, 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, Wireless LAN capable
Interactivity	No
Video Colour Modes	Blackboard, Dynamic, Presentation, Sports, sRGB, Theatre, Whiteboard

### GENERAL

Energy Use	354 W, 309 W (economy), 0.37 W (standby)
Product dimensions	367 x 400 x 149 mm (Width x Depth x Height)

### OTHER

Warranty	36 months On-site service or 8,000 h, Lamp: 12 months or 1,000 h Optional warranty extension available
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## LOGISTICS INFORMATION

SKU	V11H744041
EAN code	8715946605227
Country of Origin	Philippines

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## EB-685W

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

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