

EB-685W

DATASHEET / BROCHURE



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 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 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



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EXCEED YOUR VISION

PRODUCT SPECIFICATIONS

TECHNOLOGY

| | |
|-------------------|-------------------|
| Projection System | 3LCD Technology |
| LCD Panel | 0.59 inch with D9 |

IMAGE

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|--------------------------|--|
| Color 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 21118:2020 |
| Resolution | WXGA 2 |
| High Definition | HD ready |
| Aspect Ratio | 16:10 |
| Contrast Ratio | 14,000 : 1 |
| Light source | Lamp |
| 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 Video Processing | 10 Bits |
| 2D Vertical Refresh Rate | 100 Hz - 120 Hz |
| Colour Reproduction | Upto 1.07 billion colours |

OPTICAL

| | |
|------------------------------|---------------------------|
| Throw Ratio | 0.28 - 0.37:1 |
| Zoom | Digital, Factor: 1 - 1.35 |
| Lens | Optical |
| Screen 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 |
| Projection Lens Focal Length | 3.7 mm |
| Projection Lens Focus | Manual |
| Offset | 6 : 1 |

CONNECTIVITY

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|-----------------------|--|
| USB Display Function | 3 in 1: Image / Mouse / Sound |
| Interfaces | USB 2.0-A, USB 2.0, RS-232C, HDMI in (3x), Composite in, RGB in (2x), RGB out, Jack plug out, Jack plug 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

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|-------------------|--|
| Security | Kensington lock, Password lock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection |
| 2D Colour Modes | Dynamic, Cinema, Presentation, sRGB, Blackboard |
| Other 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 Color Modes | Blackboard, Dynamic, Presentation, Sports, sRGB, Theatre, Whiteboard |
| Projector control | via: AMX, Crestron, Control4 |

EB-685W

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- CD Manual
- Quick Start Guide
- Wall hanging bracket
- Warranty card
- Main unit
- Safety Cable



EPSON
WORLD LEADER
IN PROJECTORS

Source: Futuresource Consulting Ltd.

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PRODUCT SPECIFICATIONS

EB-685W

GENERAL

| | |
|------------------------------|--|
| Power consumption | 354 Watt, 309 Watt (economy), 0.37 Watt (standby), On mode power consumption as defined in JBMS-84 301 Watt |
| Supply Voltage | AC 100 V - 240 V, 50 Hz - 60 Hz |
| Product dimensions | 367 x 400 x 149 mm (Width x Depth x Height) |
| Product weight | 5.7 kg |
| Noise Level | Normal: 35 dB (A) - Economy: 30 dB (A) - Eco2: 29 dB (A) |
| Supported Temperature | Operation 5° C - 40° C, Storage -10° C - 60° C |
| Supported Humidity | Operation 20% - 80%, Storage 10% - 90% If the projector is suspended from a ceiling or wall mount and installed in an environment with heavy oil smoke or places where oils or chemicals are volatilized, places where a lot of smoke or bubbles are used for event staging, or where aroma oils are frequently burned, it can make certain parts of our products susceptible to a material degradation which over time could break and cause the projector to drop from the ceiling. If you are concerned about the environment in which your projector is installed, or if you have any other questions, please contact our support department and they can provide additional assistance. |
| Included Software | EasyMP Multi PC Projection, Epson Projector Management |
| Options | Air filter ELPAF38, Connection and control box, Document camera, External Speaker, USB extension cable, Wireless LAN unit |
| Compatible Operating Systems | Linux, Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04 LTS, Windows 10, Windows 8, Windows 8.1 |
| Loudspeaker | 16 Watt |
| Room Type / Application | Meeting room / Classroom |
| Positioning | Wall Mounted |
| Colour | White / Grey |
| TCO Certified | For further information relating to TCO Certified please visit https://tcocertified.com/files/certification/Information-document-for-end-users.pdf |

OTHER

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| Warranty | 60 months Carry in or 8,000 h, Lamp: 60 months or 1,000 h Optional warranty extension available |
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OPTIONAL ACCESSORIES

- ELPLP91
V13H010L91
- Wireless LAN Adapter - ELPAP10
V12H731P01
- Active Speakers (2 x 15W) - ELPSP02
V12H467040DA
- Air Filter - ELPAF49
V13H134A49
- Control and Connection Box - ELPCB03
V12H927040DA
- Safety Wire - ELPWR01
V12H003W01

EB-685W

LOGISTICS INFORMATION

| | |
|-------------------|---------------|
| SKU | V11H744041 |
| EAN code | 8715946605227 |
| Country of Origin | Philippines |
| Layer | 2 Units |



For more information please contact:

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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
2. -iProjection App available on Android and iOS devices, and Google Chromebooks.

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