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 projectors[1].

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[2].

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
- **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
LCD Panel	0.59 inch with D9
IMAGE	
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
Resolution Enhancement	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: ±3 °, Manual horizontal ±3 °
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	
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	
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

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Quick Start Guide
- Wall hanging bracket
- Main unit
- Safety wire set
- Template Sheet
- Projector feet
- Installation/safety manual

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PRODUCT SPECIFICATIONS

EB-685W

GENERAL	
Power consumption	301 Watt (Normal On-Mode), 258 Watt (Eco On-Mode), 354 Watt (Normal Peak-mode), 309 Watt (Eco Peak-Mode), 0.37 Watt (Energy saving standby)
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%
	Improper installation of the projector on a ceiling or wall may cause it to fall, leading to potential injury or damage. To prevent this, ensure the ceiling mount is securely fastened using all mounting points specified in the projector's user guide which is available to download from our support website (www.epson.eu/support). We recommend the use of Epson-approved ceiling mounts that are compatible with the projector model. Additionally, attach a safety wire of adequate strength to secure the projector to the ceiling mount. 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. We recommend that the equipment be inspected on a regular basis, either by the user or by a qualified professional, to ensure continued safe operation. 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
OTHER	
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
- Safety Wire - ELPWR01
  V12H003W01
- Control and Connection Box - ELPCB03N
  V12HB11040DA

LOGISTICS INFORMATION

SKU	**V11H744041**
EAN code	**8715946605227**
Country of Origin	**Philippines**
Layer	**2 Units**
Layer Block	**2 Units**

Wireless Presentation Systems

- Epson ELPWP20 - Wireless Presentation System
  V12HA42040

Visualizers

- ELPDC07
  V12H759040
- ELPDC13
  V12H757040DA
- ELPDC21
  V12H758040DA

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.

For more information please contact:

Home users: 0343 90 37766
Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
Or visit us at https://www.epson.co.uk/contactus
* 10p per minute plus network extras.

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

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