HIGH BRIGHTNESS BUSINESS PROJECTORS
EB-G6770WU/G6570WU/G6270W/G6070W/G6170
EB-G6970WU/G6870

EPSON
EXCEED YOUR VISION

DEFY LIMITATIONS WITH SEAMLESS PROJECTIONS AND CONNECTIVITY.

Captivate your audience with Epson's EB-G6000 series of high brightness business projectors. Enjoy quality uninterrupted projections with a brilliant high resolution performance combined with edge-blending and point correction capabilities. What's more, the HDBaseT port gives you seamless connectivity with external devices. Complete with durable design features, choose Epson for an engaging projection for your audience.

EB-G6770WU/G6570WU/G6270W/
G6070W/G6170

EB-G6970WU/G6870

High Brightness | Flexible Installation | Edge Blending | Arc Correction | Point Correction | Split Screen | iProjection*

ENGINEERED FOR BUSINESS

Stunning Projection Quality
Deliver large breathtaking images with beyond Full HD resolution and up to 7,000 lumens.

Practical Versatility
Edge-blending and point correction features enable seamless projections and HDBaseT port increases connectivity.

Durable Design
Innovative design ensures a guaranteed# 24/7 performance of 15,000 hours or 3 years (whichever comes first).

WORLD No.1 PROJECTORS 13 Years Running 2001-2014

3LCD

HDBT™

Epson EB-G6000 series combines dynamic image quality and exceptional versatility to make any presentation shine. Project crystal clear, lifelike images with WUXGA resolution and up to 7,000 lumens of light output.

Stunning Projection Quality

Incredible WUXGA 1920 x 1200 Resolution*

Deliver dynamic viewing experience with superb high resolution image display with Full HD videos from Blu-ray Disc and other graphic-intensive media. Immerse your audience in vivid and razor sharp images, even on larger screens.

* Available on EB-G6570WU, EB-G6970WU and EB-G6770WU only.

Brighter, More Colourful Images

The single 380W lamp produces up to 7,000 lumens of light to deliver dazzling high-definition images, ideal for large auditoriums, lecture halls and conference rooms. Epson's advanced optical engine system ensures no compromise on colour intensity even at high brightness levels. This means you can captivate your audience with bright vibrant colours in any environment with Epson's colour management capability.

Vivid Contrast Brings Images to Life

Differences in brightness from image to image can result in loss of details. Epson's Auto Iris feature changes that by offering an incredible 5,000:1 contrast ratio, automatically adjusting images for optimal clarity. In combination with C²Fine™ technology, the EB-G6000 series consistently delivers stunning vivid images with exceptional contrast for truly inspiring presentations.

Low contrast image

High contrast image

Faroudja DCDi Cinema

Faroudja DCDi® (Directional Correlational Deinterlacing) Cinema video enhancement technology produces exceptional true-to-life images. Designed to eliminate jaggedness, this unique technology combines deinterlacing, noise reduction and sharpness enhancement techniques to create seamless motion pictures. The technology won an Emmy Award from the National Academy of Television Arts and Sciences in the USA in 2001.

Without DCDi

With DCDi

DICOM Mode

This colour mode produces images with clear shadows, ideal for projecting X-rays and other medical images*.
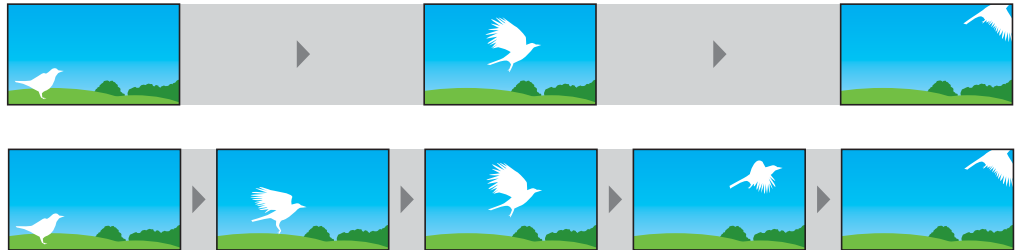

Normal colour mode

DICOM SIM mode

* This projector series is not a medical device and cannot be used for actual medical diagnosis.

Frame Interpolation

Enjoy clearer, sharper playback with Epson's Frame Interpolation Technology*, which effectively eliminates motion blur by inserting new frames between original ones to create smoother motion transition.

* Available on EB-G6570WU, EB-G6770WU and EB-G6970WU only.

Practical Versatility

Extended Connectivity

Epson's EB-G6000 series is compatible with a wide range of external devices, and additional ports now include Displayport, HDBaseT and HD-SDI*. Ideal for large venues, HDBaseT can transmit full HD Video, Audio and Ethernet at low cost through Cat 5e/6 cable up to 100 metres.
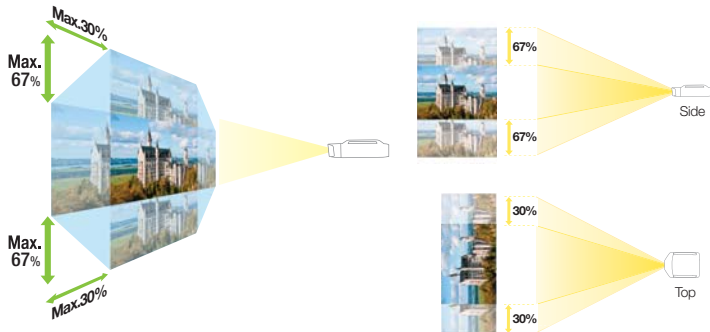
* Available on EB-G6970WU only.

HD-SDI   HDBaseT   DisplayPort
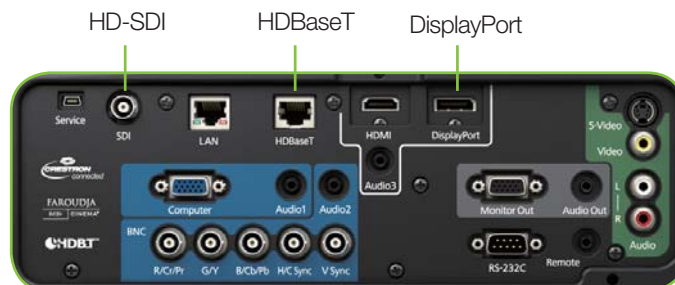
Wide Lens Shift*

Enjoy the ease and flexibility of projector and screen placement with Epson's extended maximum vertical lens shift of 67% and maximum horizontal lens shift of 30%.

* Lens shift varies in different models and is not applicable for rear projection lens.


Greater Stability with Lens Shift Lock

By sliding the tab above the lens to "lock", the internal gears that move the lens will be kept firmly in place. This prevents the lens from moving during projection, especially when the projector is installed on a tilt.

Edge-blending

Create more compelling presentations on larger screens by joining multiple images together using two or more projectors. Epson's edge-blending function allows you to control the brightness of the crossover edges and fine-tune colour adjustments to blend adjacent projections seamlessly together to create one large panoramic picture. EB-G6870 and EB-G6970WU take it to the next level by allowing black level adjustments to achieve better edge blending for images with darker background.
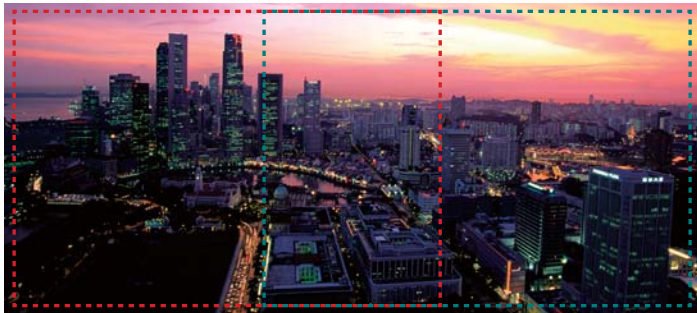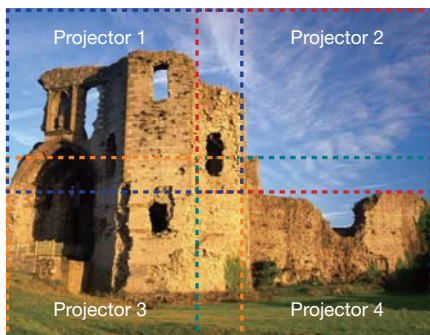

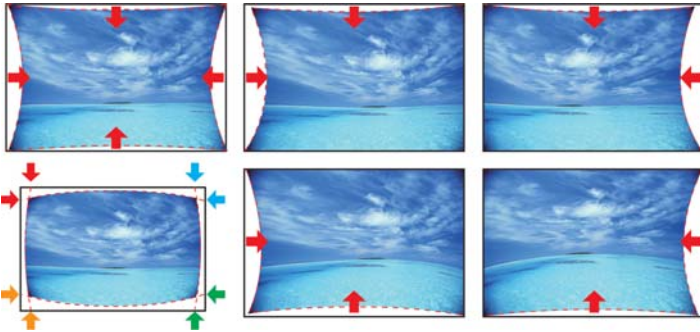Projector 1   Projector 2

360° Projection

With Epson EB-G6000 series, you can project images from any angle, so there's no limitation, whatever the space restrictions.

Arc Correction*

Quickly and easily correct any vertical or horizontal distortion of the projected image on large screens.

* Available on EB-G6770WU, EB-G6570WU, EB-G6270W, EB-G6070W and EB-G6170 only.

Extensive Lens Options to Suit Every Space

Epson EB-G6000 series offers six optional lenses including the new standard lens and the short throw zoom lens. The short throw zoom lens can zoom up to 1.2x with a throw ratio of 0.64, enabling it to project a 100-inch screen from just 1.3 metres away.

Point Correction

Now you can correct single-projector distortion or multiple-projector misalignment directly on the screen. Quickly fine-tune the images by adjusting point by point from right to left, top to bottom, using a projected maximum 9 x 9 matrix.
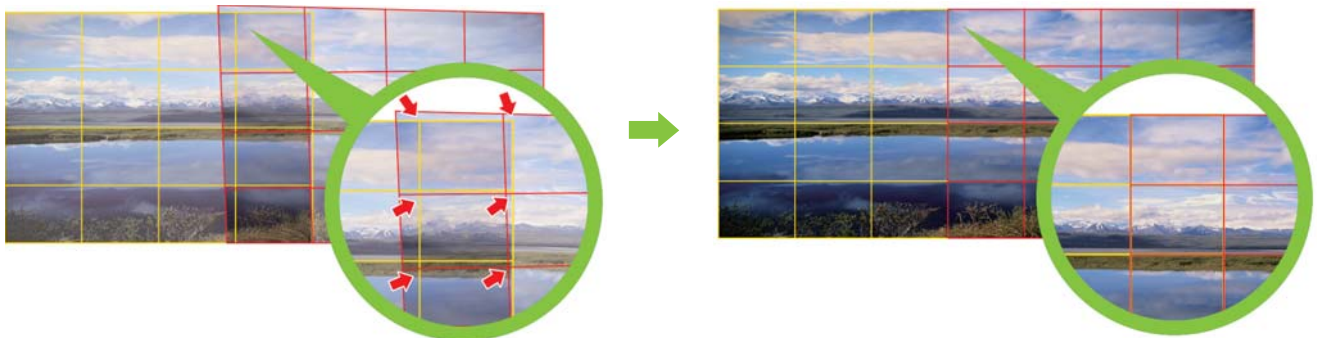
Projection on Wide Curved and Corner Surfaces*

Fit your projection images perfectly even on non-flat surfaces. Create stunning projections on wide curved surfaces and corner walls, which are ideal for advertisements and marketing promotions.

* Available on EB-G6970WU and EB-G6870 only.

Split Screen

Display images from two different sources side by side on the same screen for a more effective presentation. In video conferences, for example, images of presentation materials and remote participants can be shown simultaneously.

Stackable for a Brighter Passive 3D Projection

Create high-brightness 3D images on screen using optional 3D hardware by stacking two of the same models in the Epson EB-G6000 series.

Durable Design

Maintenance Has Never Been Easier

A clever ergonomic design means you can change lamps and filters easily without having to uninstall the projector from the ceiling.

Easy-to-replace Lamps
The lamps can be replaced quickly without tools and dismounting of the projector.

Easy-to-replace Filter
The ventilation for drawing cooling air is equipped with a large high density pleated type filter to prevent airborne dust from entering the projector. The air filter can be easily replaced by opening the side cover.

Longer Projector Lifespan

By combining Epson's proprietary C²Fine™ (Crystal Clear Fine) Technology, inorganic LCD panels and Epson's optimised cooling system, the Epson EB-G6000 series is able to guarantee* 15,000 hours or 3 years (whichever comes first) of long-lasting performance, even for 24/7 continuous usage. They deliver high quality bright images and operate on low noise, making them ideal for meeting rooms, lecture halls, museums and any other venues.

* Under 25°C environment with lamp change.

Eco Features

- Uses just 0.41W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programmes, visit **http://global.epson.com/SR/environment.**

PARTNERS IN PERFECTION

Desktop Document Camera ELPDC20

3kg / 6.6lbs
2 megapixels with 30fps
12 x optical zoom
1080p output resolution
HDMI digital connectivity

Desktop Document Camera ELPDC11

2.2kg / 4.85lbs
5 megapixels with 30fps
10 x digital zoom
Bundled with microscope adaptor

WorkForce WF-2631 Printer

Print speed: 34ppm
Resolution: 5760dpi
Connectivity: Wi-Fi, Wi-Fi Direct, Epson Connect

COLOUR BRIGHTNESS
Know your projector lumens

SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.

A New Specification

Projectors have always had their brightness rated only for white light. However, they may have very different colour brightness levels. The colour brightness specification provides a new way for buyers to compare the holistic performance (white and colour light brightness) of projectors to make a more informed decision.

Epson
Colour Brightness 2600 Lumens
White Brightness 2600 Lumens

Competitor
Colour Brightness 750 Lumens
White Brightness 2700 Lumens

What is Colour Brightness?

As the term implies, colour brightness is a new international standard that states a projector's colour light output in lumens. It measures the brightness of a projector's red, green and blue light.

These are the measurements to look for:
Colour Brightness - Colour Light Output
White Brightness - White Light Output

Epson   **Competitor**

Why Does Colour Brightness Matter?

Even if a projector has high white brightness, it's colour brightness could be as low as 1/3 of its white light brightness specification. With a projector that has high colour brightness, you'll see vibrant, realistic colours; but if colour brightness is low, colours can look dull and dark, skin tones can be reproduced poorly and important details can be lost.
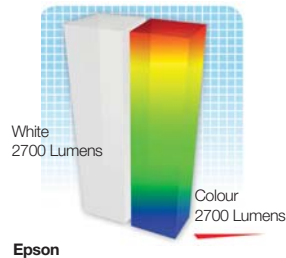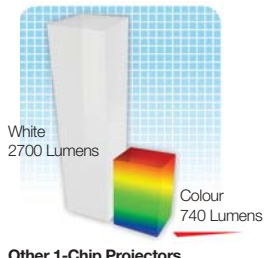

Epson   **Competitor**

How to Find a Projector's Colour Brightness?

1. Look for separate colour brightness and white brightness specification.
2. Projectors with similar white brightness levels can have vastly different and significantly lower colour brightness levels.
3. Many manufacturers may not want you to know their projectors are only 1/3 as bright when measuring colour.

White
2700 Lumens

Colour
2700 Lumens

Epson

White
2700 Lumens

Colour
740 Lumens

Other 1-Chip Projectors

Up to **3X Brighter Colours** with Epson® Projectors*
*See product specification notes at manufacturer's website.

www.epson.com.sg/colourbrightness

* Compared against similarly-priced leading 1-chip DLP® business and education projectors based on NPD data from July 2011 through June 2012 (available from www.npd.com). Colour brightness (colour light output) measured in accordance with IDMS 15.4. Actual colour brightness will vary depending on actual usage conditions. 3LCD® is a registered trademark of Seiko Epson Corporation. DLP® is a registered trademark of Texas Instruments, Inc. and its use here does not imply any affiliation with or endorsement by them.
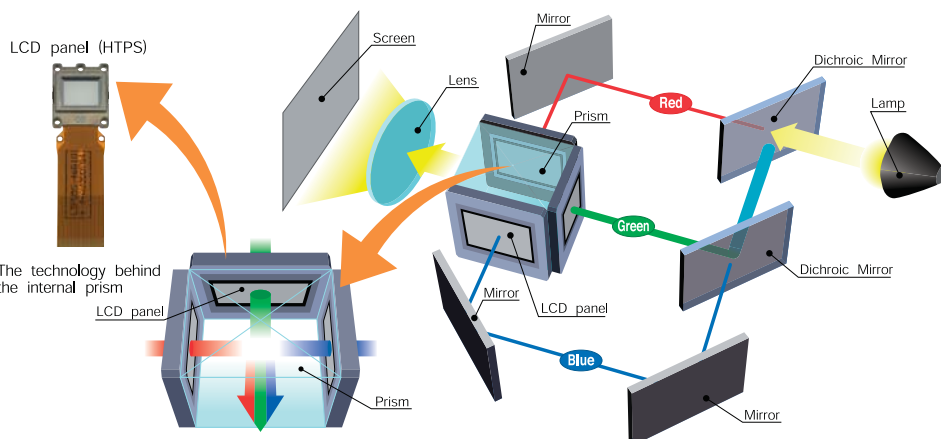
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

3LCD projectors offer brighter and more accurate colours as they produce different shades and hues by filtering, then mixing beams of the three primary colours (red, green and blue).

In a 3LCD projector, white light is first split into the three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel of the image its exact brightness for each colour. The colour beams are then perfectly recombined in a prism before being projected out as a complete image.

This compares to projectors using single-chip technology that actually project individual colours sequentially by filtering their single white light beam through a colour wheel, and then relying on human colour perception to combine the colours in the viewers' minds.

As a result, 3LCD projectors also offer greater detail, smoother gradations, no "colour breakup" effect, are easier on viewers' eyes, and consume about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.

LCD panel (HTPS)

The technology behind the internal prism

LCD panel

Prism

Screen

Lens

Mirror

Prism

Red

Dichroic Mirror

Lamp

Green

Mirror

LCD panel

Dichroic Mirror

Blue

Mirror

3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.

• An independent test by projector review media ProjectorCentral.com in 2009 of about 800 projectors found that on average, 3LCD projectors use 25% less power than single-chip projectors.

3LCD

www.3lcd.com

PROTECT YOUR PROJECTOR. USE GENUINE LAMPS.

Don't compromise on safety – use Epson genuine lamps to avoid damaging your projector. Eliminate the risk of melting parts of your projector, as well as breaks that result in high-voltage shutdown. With a 0% failure rate even after 2,000 hours of usage – compared to 70% in non-genuine lamps – Epson genuine lamps are safer and more reliable. Choose the best possible viewing experience filled with long-lasting sharpness and colour in every projected image with Epson.

GENUINE EPSON LABEL

To ensure the best quality and safety when using your Epson Projector, look for the "Genuine EPSON Colour Shifting Label" on your projector lamp. Real quality and value, only with Epson genuine supplies.

DANGERS OF NON-GENUINE LAMPS

UNRELIABLE
Counterfeit lamps deteriorate and break much faster than genuine ones.

UNSAFE
Parts of your Epson projector such as the housing or wires may melt, disconnect, or become damaged when using non-genuine lamps.
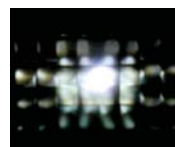
POOR IMAGE QUALITY
Counterfeit lamps may result in inaccurate colour projection, lower brightness levels, as well as flickering images that spoil your viewing experience.

www.epson.com.sg/projectorlamp

MODEL NUMBER		EB-G6570WU	EB-G6270W	EB-G6070W	EB-G6170
Projection Technology		RGB liquid crystal shutter projection system (3LCD)			
Specifications of Main Parts					
LCD	Size	0.76" wide panel with MLA (D8, C²Fine)			0.79" wide panel with MLA (D8, C²Fine)
	Native Resolution	WUXGA	WXGA		XGA
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)			
	F-Number	1.65 - 2.55			
	Focal Length	21.34 - 37.99 mm			
	Zoom Ratio	1 - 1.8			
	Throw Ratio	1.26 - 2.30 (Wide - Tele)			1.29 - 2.35 (Wide - Tele)
	Lens Exchange	Yes (6 Optional Lenses)			
Lens Shift	Mode	Manual (with Lens Shift Lock)			
	Vertical (Up/Down)	±67% (H Center)			±57% (H Center)
	Horizontal (Left/Right)	±30% (V Center)			
Lamp	Type	380W UHE			
	Life (Normal / Eco)[1]	2,500 hours / 4,000 hours	2,000 hours / 4,000 hours	3,000 hours / 4,000 hours	2,500 hours / 4,000 hours
Screen Size (Projected Distance)					
Zoom: Wide		50" - 300" [1.35 - 8.35 m]			50" - 300" [1.30 - 8.04 m]
Zoom: Tele		50" - 300" [2.47 - 15.01 m]			50" - 300" [2.38 - 14.47 m]
Brightness[2]					
White Light Output (Normal / Eco)		5,200lm	6,500lm	5,500lm	6,500lm
Colour Light Output		5,200lm	6,500lm	5,500lm	6,500lm
Contrast Ratio	Auto Iris: On	5,000:1			
Internal Speaker(s)					
Sound Output		10W Monaural			
Geometric Correction					
Vertical / Horizontal Keystone		±30° / ±30° (Zoom: Tele) (with Standard Lens)			
Analog Input	D-Sub 15Pin	1 (Blue)			
	5BNC	1			
	Component	5BNC, D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)			
	Composite	Composite Video: RCA (Yellow) x 1			
	S-Video	1 mini DIN			
Digital Input	HDMI	1 (HDCP Supported)			
	SDI	BNC x 1			
	HDBaseT (RX)	RJ45 x 1			
	Display Port	1			
Output Terminal	D-Sub 15Pin	1 (Output signal : Computer ,5-BNC only)			
Audio Input	RCA (White/Red)	1			
	Stereo Mini Jack	3			
Audio Output	Stereo Mini Jack	1			
Others	USB Type B	Mini B x 1 (For service only)			
Control I/O	RS-232C	D-sub 9pin x 1			
	Remote Control Input	Stereo mini jack x 1			
Network	Wired LAN	RJ45 x 1 (100Mbps)			
	Wireless	Optional (ELPAP07)			
Wireless Specifications					
Supported Speed For Each Mode		IEEE 802.11b: 11Mbps[3], IEEE 802.11g: 54Mbps[3], IEEE 802.11n: 130Mbps[3]			
Wireless Security		Quick Mode: OPEN, WPA2-PSK Advanced Mode: OPEN, WPA/WPA2-PSK, WPA/WPA2-EAP Supported EAP Type: PEAP/PEAP-TLS/EAP-TLS/EAP-Fast/LEAP			
Operating Temperature		0 - 45 °C <32 - 113 °F> (20% - 80% Humidity, No Condensation)			
Operating Altitude		0 - 3,048 m <0 - 10,000 ft>			
Direct Power On / Off		Yes			
Start-Up Period		About 15 seconds, Warm-up Period: 30 seconds			
Cool Down Period		Instant Off or 0 second			
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz			
Power Consumption (220 - 240V)					
Lamp On (Normal / Eco)		504W / 405W	542W / 405W	477W / 405W	504W / 405W
Standby		0.41W			
Dimension Excluding Feet (D X W X H)		382 x 505 x 144 mm			
Weight		9.9 kg (including Standard Lens, excluding Cable Cover)			
Fan Noise (Normal / Eco)		37dB / 31dB	39dB / 31dB	37dB / 31dB	

[1] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

[2] Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

[3] Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

Supplied Accessories
Power Cable
Computer Cable (VGA Cable)
Remote Control
Wireless LAN Unit: Optional (ELPAP07)
Cable Cover
Epson Projection Software CDROM
Lens Lock Screw
Cable Clamp: 1 (For HDMI Cable)
User's Manual Set

Optional Accessories
Spare Lamp: ELPLP76
Air Filter: ELPAF43
Wireless LAN: ELPAP07
Quick Wireless Connection USB Key: ELPAP09
Remote Control Cable Set: ELPKC28 (10m x 2)
HDBaseT Transmitter: ELPHD01
Polarizers: ELPPL01
Passive 3D Glasses (Adult): ELPGS02A (Pack of 5)
Passive 3D Glasses (Child): ELPGS02B (Pack of 5)
Ceiling Mount: ELPMB22

Optional Lenses
Short Throw Zoom Lens: ELPLU01
Rear Projection Wide Lens: ELPLR03
Standard Zoom Lens: ELPLS07
Middle Throw Zoom Lens1: ELPLM04
Middle Throw Zoom Lens2: ELPLM05
Long Throw Zoom Lens: ELPLL06

EB-G6570WU/G6270W/G6070W/G6170

Information correct as at June 2015

SPECIFICATIONS
EB-G6770WU/G6970WU/G6870

EPSON
EXCEED YOUR VISION

MODEL NUMBER		EB-G6770WU	EB-G6970WU	EB-G6870
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.76" wide panel with MLA (D8, C²Fine)		0.79" wide panel with MLA (D8, C²Fine)
	Native Resolution	WUXGA		XGA
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)		
	F-Number	1.65 - 2.55		
	Focal Length	21.34 - 37.99 mm		
	Zoom Ratio	1 - 1.8		
	Throw Ratio	1.26 - 2.30 (Wide - Tele)		1.29 - 2.35 (Wide - Tele)
	Lens Exchange	Yes (6 Optional Lenses)		
Lens Shift	Mode	Manual (with Lens Shift Lock)		
	Vertical (Up/Down)	±67% (H Center)		±57% (H Center)
	Horizontal (Left/Right)	±30% (V Center)		
Lamp	Type	380W UHE		
	Life (Normal / Eco)[1]	2,000 hours / 4,000 hours		
Screen Size (Projected Distance)				
Zoom: Wide		50" - 300" [1.35 - 8.35 m]		50" - 300" [1.30 - 8.04 m]
Zoom: Tele		50" - 300" [2.47 - 15.01 m]		50" - 300" [2.38 - 14.47 m]
Brightness[2]				
White Light Output (Normal / Eco)		6,000lm		7,000lm
Colour Light Output		6,000lm		7,000lm
Contrast Ratio	Auto Iris: On	5,000:1		
Internal Speaker(s)				
Sound Output		10W Monaural	N/A	
Geometric Correction				
Vertical / Horizontal Keystone		±30° / ±30° (Zoom: Tele) (with Standard Lens)		
Curve Surface		N/A	Yes	
Corner Wall		N/A	Yes	
Connectivity				
Analog Input	D-Sub 15Pin	1 (Blue)		
	5BNC	1		
	Component	5BNC, D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)		
	Composite	Composite Video: RCA (Yellow) x 1		
	S-Video	1 mini DIN		
Digital Input	HDMI	1 (HDCP Supported)		
	SDI	N/A	BNC x 1	N/A
	HDBaseT (RX)	RJ45 x 1		
	Display Port	1		
Output Terminal	D-Sub 15Pin	1 (Output signal : Computer ,5-BNC only)		
Audio Input	RCA (White/Red)	1		
	Stereo Mini Jack	3		
Audio Output	Stereo Mini Jack	1		
Others	USB Type B	Mini B x 1 (For service only)		
Control I/O	RS-232C	D-sub 9pin x 1		
	Remote Control Input	Stereo mini jack x 1		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless	Optional (ELPAP07)	N/A	
Wireless Specification				
Supported Speed For Each Mode		IEEE 802.11b: 11Mbps[3] IEEE 802.11g: 54Mbps[3] IEEE 802.11n: 130Mbps[3]	N/A	
Wireless Security		Quick Mode: OPEN, WPA2-PSK Advanced Mode: OPEN, WPA/WPA2-PSK, WPA/WPA2-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP	N/A	
Operating Temperature		0 - 45 °C <32 - 113 °F> (20% - 80% Humidity, No Condensation)		
Operating Altitude		0 - 3,048 m <0 - 10,000 ft>		
Direct Power On / Off		Yes		
Start-Up Period		About 15 seconds Warm-up Period: 30 seconds	About 17 seconds Warm-up Period: 30 seconds	About 15 seconds Warm-up Period: 30 seconds
Cool Down Period		Instant Off or 0 second		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Lamp On (Normal / Eco)		542W / 405W		
Standby		0.41W		
Dimension Excluding Feet (D X W X H)		382 x 505 x 144 mm		
Weight		9.9kg (including Standard Lens, excluding Cable Cover)	9.7kg (including Standard Lens, excluding Cable Cover)	
Fan Noise (Normal / Eco)		39dB / 31dB		

[1] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

[2] Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

[3] Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

Supplied Accessories
Power Cable
Computer Cable (VGA Cable)
Remote Control
Cable Cover
Epson Projection Software CDROM
Lens Lock Screw
Cable Clamp: 1 (For HDMI Cable) (EB-G6770WU)
2 (For HDMI Cable & Power Cord) (EB-G6970WU/EB-G6870)
User's Manual Set

Optional Accessories
Spare Lamp: ELPLP76
Air Filter: ELPAF43
Wireless LAN: ELPAP07 (EB-G6770WU)
Quick Wireless Connection USB Key: ELPAP09 (EB-G6770WU)
Remote Control Cable Set: ELPKC28 (10m x 2)
HDBaseT Transmitter: ELPHD01
Polarizers: ELPPL01
Passive 3D Glasses (Adult): ELPGS02A (Pack of 5)
Passive 3D Glasses (Child): ELPGS02B (Pack of 5)
Ceiling Mount: ELPMB22

Optional Lenses
Short Throw Zoom Lens: ELPLU01
Rear Projection Wide Lens: ELPLR03
Standard Zoom Lens: ELPLS07
Middle Throw Zoom Lens1: ELPLM04
Middle Throw Zoom Lens2: ELPLM05
Long Throw Zoom Lens: ELPLL06

EB-G6970WU

EB-G6770WU/EB-G6870

Information correct as at June 2015