HIGH BRIGHTNESS BUSINESS PROJECTORS
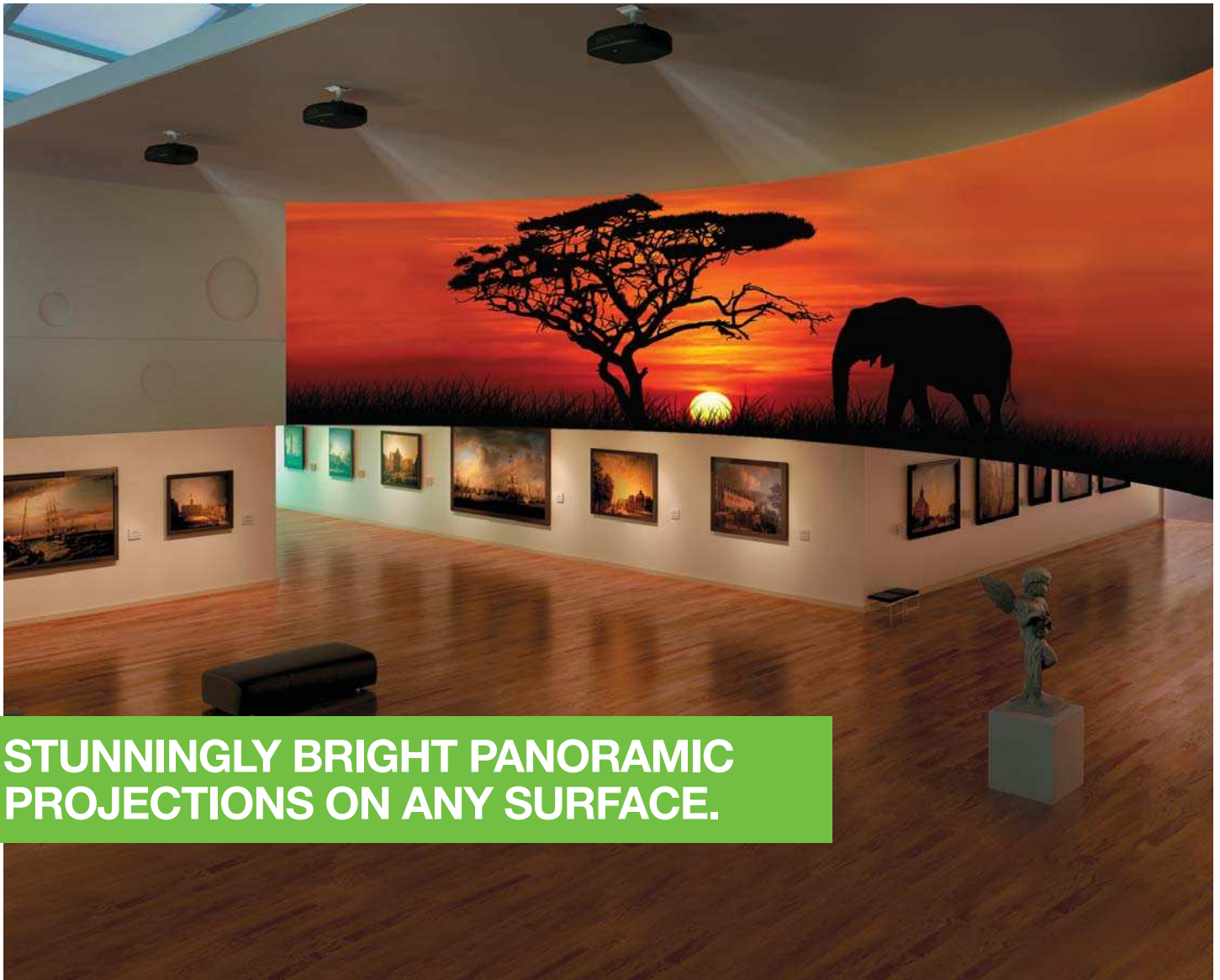## EB-G6550WU/G6250W/G6050W/G6150
EB-G6900WU/G6800

EPSON
EXCEED YOUR VISION

STUNNINGLY BRIGHT PANORAMIC PROJECTIONS ON ANY SURFACE.

Epson's new EB-G6000 series of business projectors delivers brilliant image quality, flexible projection options and performance reliability for the ultimate business presentation, even at large venues. Enlighten your audience with superior projection of bright, yet vividly colourful, life-like images, even in 3D. With enhanced connectivity options to many external devices, you can project multiple images from multiple sources onto one large screen for dynamic, interactive presentations designed to liven any lecture room, boardroom or auditorium.

EB-G6550WU/G6250W/G6050W/G6150

EB-G6900WU/G6800

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

ENGINEERED FOR BUSINESS

Superb Projection Quality
Energise every presentation with sharp resolution, dazzling colour and exceptional contrast.

Versatility in Projection and Placement
Project from any position onto virtually any surface and combine images from multiple sources.

Durable by Design
With Epson optimised cooling system, the projectors have long-lasting performance for 24/7 usage.

WORLD'S No.1 PROJECTORS 2001-2012

3LCD

HDBT™

*Applicable on EB6-G6150 / EB-G6050W / EB-G6250W / EB-G6550WU only.

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.

Superb Projection Quality

Incredible WUXGA 1920 x 1200 Resolution*

Deliver dynamic viewing experience with superb high resolution image display without distortion in Full HD video, Blu-ray and other graphic-intensive media. The projection images remain razor sharp and vivid, even on larger screens.

* Available on EB-G6550WU and EB-G6900WU only.
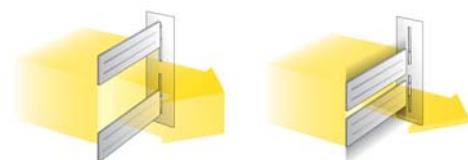
Brighter, More Colourful Images

The single 380W lamp produces an astonishing 7,000 lumens of light to deliver dazzling high-definition images even in large auditoriums, lecture halls and conference rooms. With Epson's special optical engine system, there's no compromise on colour intensity even with the added brightness. Epson's colour management capability still means vibrant colour in any environment.

Vivid Contrast Brings Images to Life

Differences in brightness from image to image can result in loss of detail. Epson's Auto Iris feature changes that by delivering an incredible 5,000:1 contrast ratio, automatically adjusting images for optimal clarity. In combination with C2Fine™, the EB-G6000 series offers uniform and vivid images with exceptional contrast for a smooth presentation.

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, which combines deinterlacing, noise reduction and sharpness enhancement technologies, won an Emmy Award from the National Academy of Television Arts and Sciences in the USA in 2001.

Without DCDi

With DCDi

DICOM Mode

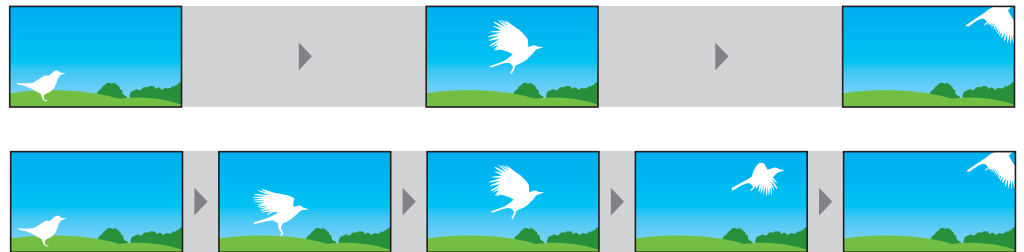This colour mode produces images with clear shadows, ideal for projecting X-rays and other medical images*.

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 blurring by inserting new frames between original ones to create smoother motion transition.
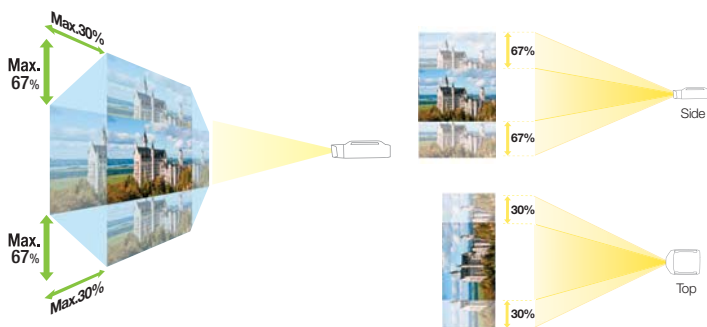
* Available on EB-G6550WU and EB-G6900WU only.

Versatility in Projection and Placement

Wide Lens Shift*

Enjoy the ease and versatility 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 not applicable for rear projection lens.

Max.30%
Max. 67%
Max. 67%
Max.30%

67%
67%
Side

30%
30%
Top

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.
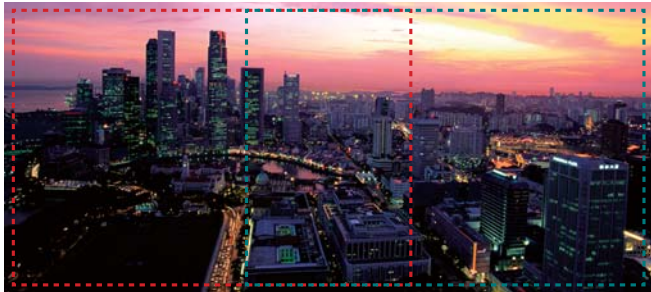
Lock

360° Projection

With Epson EB-G6000 series, you can project images from any angle, so there's no limitation, whatever the space restrictions.
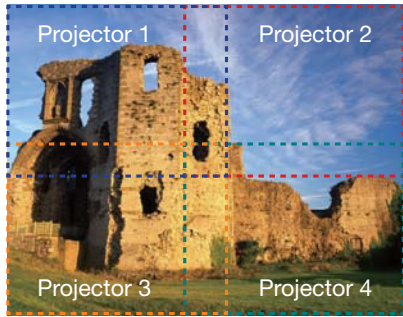
360°

Edge-blending

Create more compelling presentations on larger screens by projecting multiple images using two or more projectors. With Epson's edge-blending function controlling the brightness of the crossover edges and fine-tuning the colour adjustments, your images will blend seamlessly to create one large panoramic picture. EB-G6800 and EB-G6900WU take it to the next level by adjusting the black level for seamless darker background edge blending.
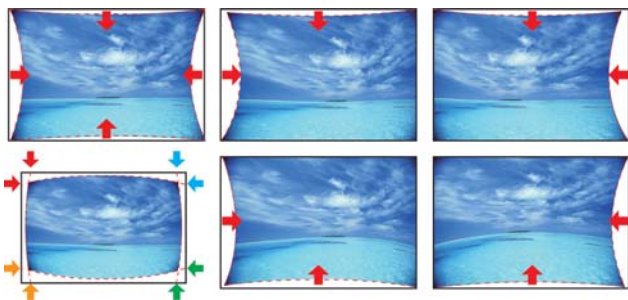
Projector 1   Projector 2

Projector 1
Projector 2
Projector 3

Projector 1   Projector 2
Projector 3   Projector 4

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.

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 only 1.3 metres away.

Arc Correction*

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

* Available on EB-G6150 / EB-G6050W / EB-G6250W / EB-G6550WU only.

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-G6800 and EB-G6900WU only.
# Available on EB-G6900WU only.

HD-SDI   HDBaseT   DisplayPort
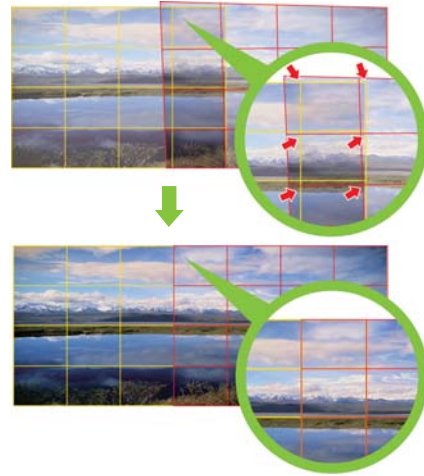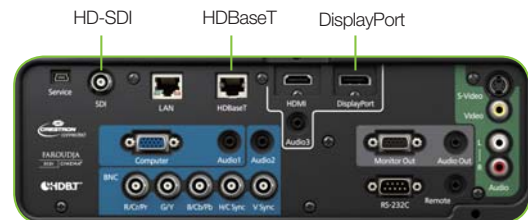
Projection on Wide Curved and Corner Surfaces*

Fit your projection images nicely even on non-flat surfaces. Create stunning projection images on wide curved surfaces and corner wall, which is ideal for advertisements and marketing promotions.

* Available on EB-G6800 and EB-G6900WU 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 by 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 having to uninstall from the ceiling.

Easy-to-replace Filter
The ventilation for drawing cooling air is equipped with a large high density pleated type filter to absorb airborne dust and prevent it from entering the projector, which can be removed by the side cover when there is a need to change the filter.

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 has long-lasting performance with guaranteed* 15,000 hours or 3 years (whichever comes first) for 24/7 usage. While preserving brightness and picture quality, they also operate on low noise, making them ideal for meeting rooms and lecture halls.

* 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

Interactive Unit ELPIU01

USB powered
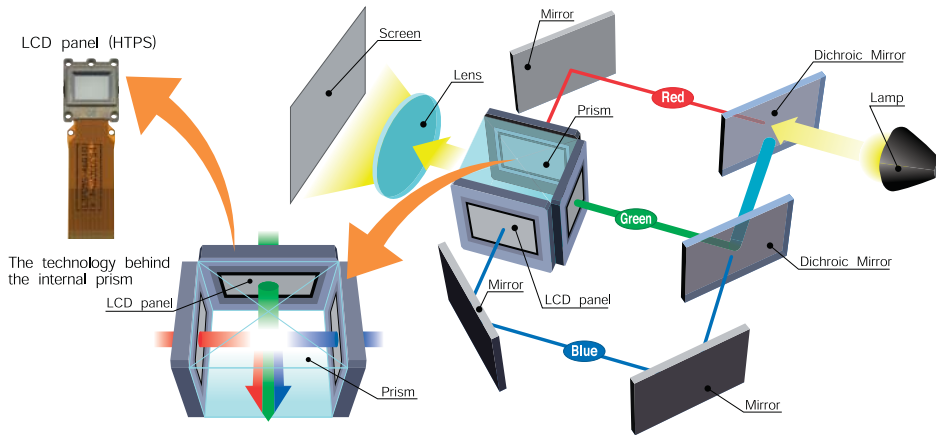Easy interactive function
Simple and easy set-up

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 consumer about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.

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.

www.3lcd.com

COLOUR LIGHT OUTPUT – TRUE COLOURS SHINING THROUGH

The Brightness Myth

Did you know that the brightness specification (in lumens) for projectors is only a measurement of its white light output?

In fact, many manufacturers artificially boost their projectors' brightness rating by increasing their white light production capability at the expense of colour brightness.
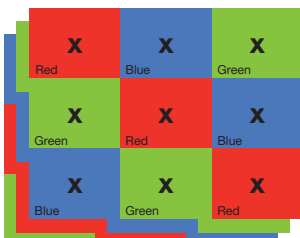
CLO to Enlighten

To help buyers make better-educated decisions, colour scientists at the U.S. government's National Institute of Standards and Technology (NIST – www.nist.gov) have developed Colour Light Output (CLO) as a specification to provide critical information on a projector's ability to deliver colour.

Colour Light Output is critically important because it measures the brightness of Red, Green and Blue. In a 3LCD projector, these primary colours create white when combined in the right proportions. Beautifully balanced colour is possible when Red, Green and Blue combine to produce the exact colours required. Colour Light Output provides users with an additional way to evaluate a projector and make more discerning buying decisions.
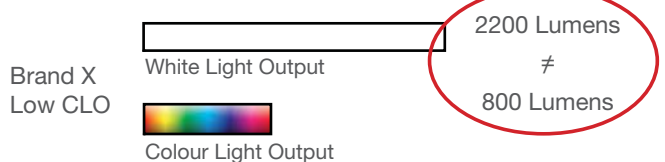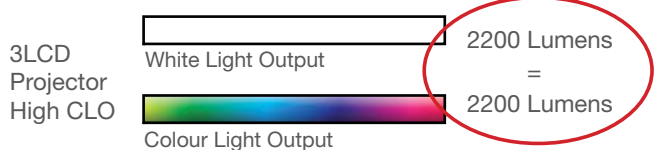
How is Colour Light Output measured?

Brightness (or White Light Output) measures the total amount of white light projected in lumens on a nine point grid. It does not measure colour.

Colour Light Output uses 3 sets of a nine-point grid to measure the primary colours - red, green and blue, using the same approach used to measure White Light Output in lumens.

www.colorlightoutput.com

MODEL NUMBER		EB-G6550WU	EB-G6250W	EB-G6050W	EB-G6150
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 (1920 x 1200)	WXGA (1280 x 800)		XGA (1024 x 768)
Projection Lens					
	Type	Optical Zoom (Manual) / Focus (Manual)			
	F-Number	1.65 - 2.55			
	Focal Length	21.28 - 37.94 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% to +67% (H Center) (Manual)			-57% to +57% (H Center) (Manual)
	Horizontal (Left/Right)	-30% to +30% (V Center) (Manual)			
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 - 8.36 m]			50" - 300" [1.30 - 8.04 m]
Zoom: Tele		50" - 300" [2.47 - 15.01 m]			50" - 300" [2.38 - 14.47 m]
Standard Size		100" screen 2.75 - 4.98 m			100" screen 2.65 - 4.79 m
Brightness[2]					
White Light Output (Normal / Eco)		5,200lm / 3,952lm	6,500lm / 4,550lm	5,500lm / 4,455lm	6,500lm / 4,940lm
Colour Light Output		5,200lm	6,500lm	5,500lm	6,500lm
Contrast Ratio		5,000:1			
Internal Speaker(s)					
Sound Output		10W Monaural			
Keystone Correction					
Vertical / Horizontal		±30° / ±30° (Zoom: Tele) (with Standard Lens)			
Connectivity					
Analog Input	D-Sub 15pin	1 (Blue)			
	5BNC	1			
	Component	5BNC, D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)			
	Composite	RCA x 1 (Yellow)			
	S-Video	1 Mini DIN			
Digital Input	HDMI	1 (HDCP Supported)			
	Display Port	1			
Output Terminal	D-Sub 15pin	1 (Black)			
Audio Input	RCA (White/Red)	1 Pair			
	Stereo Mini-jack	3			
Audio Output	Stereo Mini-jack	1			
Others	USB Type B	1 Mini USB (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 (10/100 Mbps)			
	Wireless	Optional (ELPAP07)			
Wireless Specifications					
Supported Speed For Each Mode		IEEE 802.11b: 11 Mbps[3], IEEE 802.11g: 54 Mbps[3], IEEE 802.11n: 130 Mbps[3]			
Wireless Lan 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°F - 113 °F> (20% - 80% humidity, unfrozen)			
		Thermal Shut Down -> Normal 45°C (113°F), ECO & Temp Interlock 50°C (122°F)			
Operating Altitude		0 - 3,048 m <0 - 10,000 ft> (over 1,500m / 4,921ft: with high altitude mode)			
Direct Power On / Off		Yes			
Start-Up Period		About 15 seconds, Warm-up Period: 30 seconds			
Cool Down Period		Instant Off or 0 second			
Air Filter	Type	High Efficiency Filter			
	Maintenance Cycle	10,000 hours[4]			
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 (Network On / Off)		3.3W / 0.41W			
Dimension Excluding Feet (D X W X H)		382 x 505 x 144 mm (not including projection lens)			
Weight		9.7kg			
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.

[4] When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m³). Based on the Epson's in-house test results. 25°C (77°F)

Supplied Accessories

Power Cable: 3m, 3 Wire (Black)

Computer Cable (VGA Cable): 1.8 m

Remote Control: Yes, with Alkaline AA Battery x 2

Bundled Software: Epson Projection Software CDROM

Lens Lock Screw: Yes

Cable Clamp/Lock: 1 (For HDMI Cable)

Cable Cover: Yes

User's Manual Set: CD-ROM

Optional Accessories

Spare Lamp: ELPLP76

Air Filter: ELPAF43

Wireless LAN Card: ELPAP07

Quick Wireless Connection USB Key: ELPAP09

Remote Control Cable Set: ELPKC28 (10m x 2)

Polarizers: ELPPL01

Passive 3D Glasses (Adult): ELPGS02A

Passive 3D Glasses (Child): ELPGS02B

Ceiling Mount: ELPMB22

Optional Lenses

Rear Projection Wide Lens: ELPLR03

Short Throw Zoom Lens: ELPLU01

Standard Zoom Lens: ELPLS06

Middle Throw Zoom Lens1: ELPLM04

Middle Throw Zoom Lens2: ELPLM05

Long Throw Zoom Lens: ELPLL06

EB-G6550WU / G6250W / G6050W / G6150

Information correct as at September 2013

EPSON
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MODEL NUMBER		EB-G6900WU	EB-G6800
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 (1920 x 1200)	XGA (1024 x 768)
Projection Lens			
	Type	Optical Zoom (Manual) / Focus (Manual)	
	F-Number	1.65 - 2.55	
	Focal Length	21.28 - 37.94 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% to +67% (H Center) (Manual)	-57% to +57% (H Center) (Manual)
	Horizontal (Left/Right)	-30% to +30% (V Center) (Manual)	
Lamp	Type	380W UHE	
	Life (Normal / Eco)*1	2,000 hours / 4,000 hours	
Screen Size (Projected Distance)			
Zoom: Wide		50" - 300" [1.35 - 8.36 m]	50" - 300" [1.30 - 8.04 m]
Zoom: Tele		50" - 300" [2.47 - 15.01 m]	50" - 300" [2.38 - 14.47 m]
Standard Size		100" screen 2.75 - 4.98 m	100" screen 2.65 - 4.79 m
Brightness*2			
White Light Output (Normal / Eco)		6,000lm / 4,200lm	7,000lm / 4,900lm
Colour Light Output		6,000lm	7,000lm
Contrast Ratio		5,000:1	
Keystone Correction			
Vertical / Horizontal		±30° / ±30° (Zoom: Tele) (with Standard Lens)	
Connectivity			
Analog Input	D-Sub 15pin	1 (Blue)	
	5BNC	1	
	Component	5BNC, D-Sub 15pin x 1 (Blue) (common with Analog RGB connector)	
	Composite	RCA x 1 (Yellow)	
	S-Video	1 Mini DIN	
Digital Input	HDMI	1 (HDCP Supported)	
	Display Port	1	
	HD-SDI	1 (BNC)	NA
	HDBASE-T (RX)	1 (RJ45)	
Output Terminal	D-Sub 15pin	1 (Black)	
Audio Input	RCA (White/Red)	1 Pair	
	Stereo Mini-jack	3	
Audio Output	Stereo Mini-jack	1	
Others	USB Type B	1 Mini USB (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 (10/100 Mbps)	
Operating Temperature		0 - 45 °C <32°F - 113 °F> (20% - 80% humidity, unfrozen) Thermal Shut Down -> Normal 45°C (113°F), ECO & Temp Interlock 50°C (122°F)	
Operating Altitude		0 - 3,048 m <0 - 10,000 ft> (over 1,500m / 4,921ft: with high altitude mode)	
Direct Power On / Off		Yes	
Start-Up Period		About 17 seconds, Warm-up Period: 30 seconds	About 15 seconds, Warm-up Period: 30 seconds
Cool Down Period		Instant Off or 0 second	
Air Filter	Type	High Efficiency Filter	
	Maintenance Cycle	10,000 hours*3	
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)			
Lamp On (Normal / Eco)		542W / 405W	
Standby (Network On / Off)		3.3W / 0.41W	
Dimension Excluding Feet (D X W X H)		382 x 505 x 144 mm (Not including Projection Lens)	
Weight		9.6kg	
Fan Noise (Normal / Eco)		39dB / 31dB	

Supplied Accessories

Power Cable: 3m, 3 Wire (Black)
Computer Cable (VGA Cable): 1.8 m
Remote Control: Yes, with Alkaline AA Battery x 2
Lens Lock Screw: Yes
Cable Clamp/Lock: 2 (For HDMI and Power Cable)
Cable Cover: Yes
User's Manual Set: CD-ROM

Optional Accessories

Spare Lamp: ELPLP76
Air Filter: ELPAF43
Remote Control Cable Set: ELPKC28 (10m x 2)
HD-BaseT Transmitter: ELPHD01
Polarizers: ELPPL01
Passive 3D Glasses (Adult): ELPGS02A
Passive 3D Glasses (Child): ELPGS02B
Ceiling Mount: ELPMB22

Optional Lenses

Rear Projection Wide Lens: ELPLR03
Short Throw Zoom Lens: ELPLU01
Standard Zoom Lens: ELPLS06
Middle Throw Zoom Lens1: ELPLM04
Middle Throw Zoom Lens2: ELPLM05
Long Throw Zoom Lens: ELPLL06

EB-G6900WU

EB-G6800

Information correct as at September 2013

*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 When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m³). Based on the Epson's in-house test results. 25°C (77°F)