

# Multimedia Projector

EB-G7000W    G7100  
EB-G7200W    G7500U  
EB-G7800      G7900U

# EPSON

EXCEED YOUR VISION



Sharp, Brilliant Images  
Combine with installation flexibility



# Outstanding Image Quality

## WUXGA — Going beyond Full HD

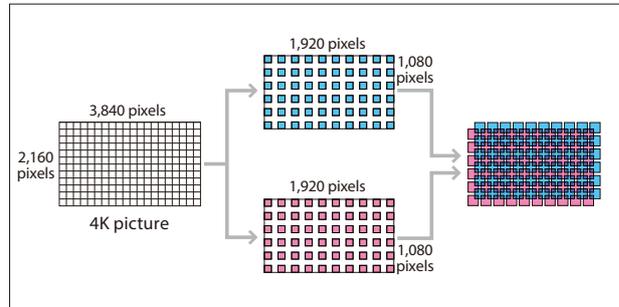
WUXGA resolution (1,920 x 1,200 pixels) enables display of Full HD video (1,920 x 1,080 pixels) images. Even large-screen projections exhibit sharp, vivid details for an incredibly dynamic viewing experience.



## High-definition images with 4K Enhancement Technology

Support for 4K combined with Epson's 4K Enhancement Technology — which shifts pixels diagonally by 0.5 pixels to double resolution — delivers crisp, high-definition images.

Note: This function can only be used with models that support WUXGA and when the input signal is 1080p or higher. It is recommended for projecting HD videos only, not documents.



## Super-resolution with detail enhancement

Epson's Super-resolution Technology delivers razor-sharp images even when projecting low-resolution content onto large screens.

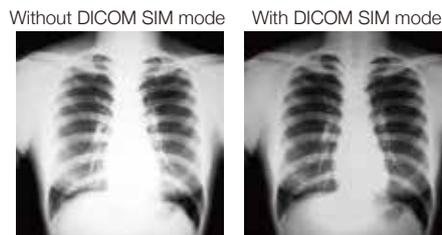


\* Simulated images

## DICOM SIM mode

This color mode produces images with clear shadows, making it ideal for displaying X-rays and other medical images.

Note: This projector is not a medical device and cannot be used for medical diagnosis.



\* Simulated images

## Brightness up to 8,000 lumens

Choose the EB-G7000 Series projector that's right for you. Models are available with brightness levels from 6,500 to 8,000 lumens.

## 2-2/4-4 Pull Down

These projectors automatically detect 1080p/24fps signals then reproduce the content in cinema-like quality.

## Superior image quality with 3LCD technology

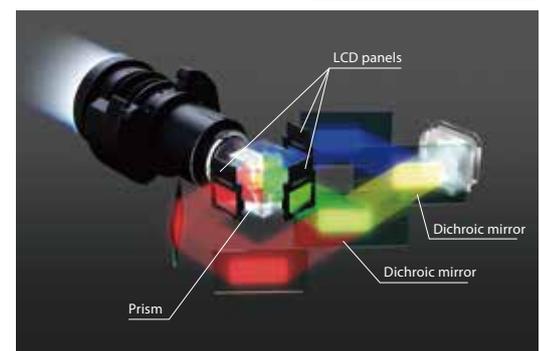
All Epson projectors use 3LCD technology, offering distinct advantages compared to 1-chip DLP® projectors.

3LCD projectors are superior in light efficiency:

- Up to three times brighter color\* reproduction
- Up to three times wider color gamut for excellent color reproduction
- No rainbow effect

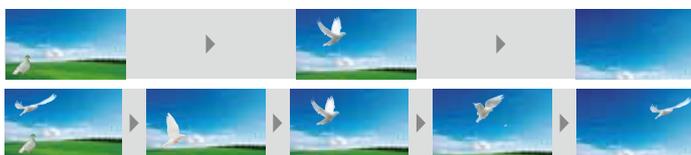
3LCD projectors do not employ a color wheel found in 1-chip DLP® models†, thereby eliminating the annoying rainbow effect.

\* Compared with leading Epson 3LCD business and education projectors as well as leading 1-chip DLP® projectors based on NPD data for June 2013 through May 2014 and PMA Research data for Q1 through Q3 2013. Color brightness (color light output) is measured in accordance with IDMS 15.4, and varies depending on usage conditions.  
† DLP is a registered trademark or a trademark of Texas Instruments in the US and/or other countries.



## Frame interpolation

By analyzing images frame-by-frame then generating intermediate frames, EB-G7000 Series delivers smooth video with less afterimages, even when projecting sports and other fast-moving subjects.



\* Simulated images



\* Simulated images

## Brighter colors, smoother gradations

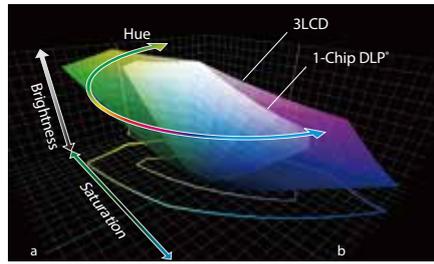
3LCD projectors produce brighter colors and smoother gradations compared to 1-chip DLP® units. This is because 3LCD projectors mix and project light from all three colors to form a single image. Conversely, 1-chip DLP® projectors create colors by filtering the light through a color wheel, then projecting each color one at a time — essentially relying on human color perception to mix and interpret the correct color.

## Wider color gamut

HTPS panels — the core technology of 3LCD — deliver up to three times the color gamut of 1-chip DLP®, achieving brighter, more vibrant and accurate color reproduction.



Color gamut of 3LCD and 1-Chip DLP®



\* These color gamut volumes reflect averages measured from leading 3LCD business and education projectors as well as 1-chip DLP® projectors, and are based on NPD data for June 2013 through May 2014. Volume is measured at the brightest 3D mode in the CIE L\*a\*b\* coordinate space.

## No rainbow effect

1-chip DLP® projectors can cause a rainbow in which 'false' colors are briefly perceived when the image (or the observer's eye) is moving. 3LCD projectors do not exhibit this since all three primary colors are displayed simultaneously.



## Minimal Maintenance

### Low maintenance and high reliability

Newly designed inorganic LCD panels and optical components combine with dust-resistant optical engines to deliver outstanding reliability.

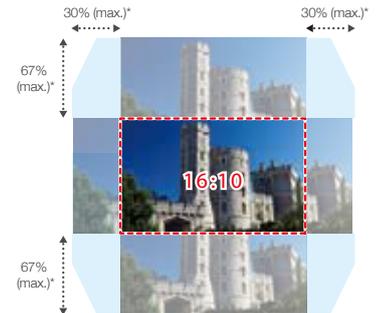
## Installation Flexibility

### Powered lens with stepping motor

The motorized lens shift covers a wide range, giving you a great deal of flexibility when installing the projector. A newly adopted stepping motor lets you make highly precise adjustments when employing edge blending, stacking and other techniques. Adjustments can be made via remote control or over a network, enhancing usability even for ceiling-mounted projectors.

### Lens-position memory

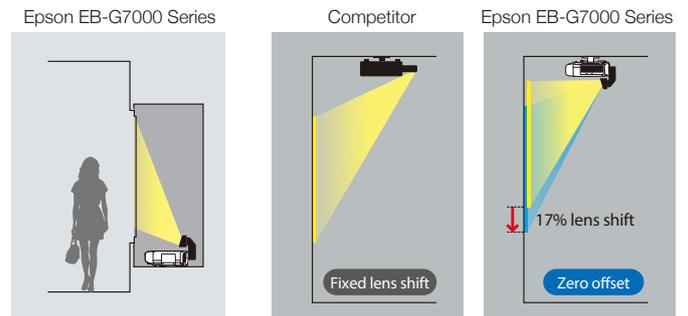
Up to 10 settings can be stored in the projector memory, including shift positions, focus and projection sizes. This allows you to quickly adjust the projector depending mainly on the aspect ratio of content by using either the remote controller or command control.



\* ±57% vertically and ±30% horizontally for EB-G7800/G7100.

### Zero offset, ultra short-throw lens

This lens is especially useful for environments with extremely limited lens-to-screen distances. The short throw ratio of 0.35 with zero-offset and the projector's front-mounted exhaust system let you project onto 100-inch screens from approx. 43 cm away. These features combine with lens shift (+17% vertically, ±10% horizontally) to simplify usage where space is at a premium.

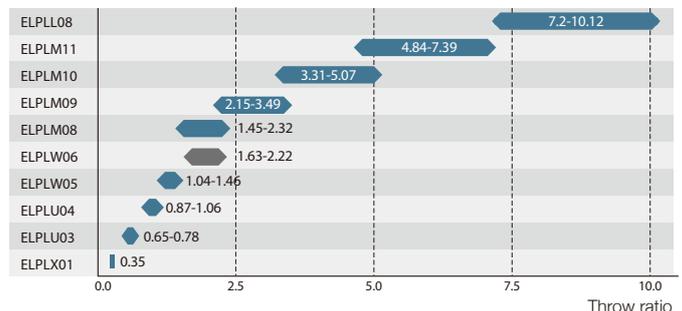


Larger image from shorter distances, plus added installation flexibility

### Variety of optional lenses

An extensive lineup of optional lenses is available for any venue or subject. And with the new ELPLX01 zero offset, ultra short-throw lens, you can install the projector in tight spaces. All lenses also support future Epson G and L Series projectors.

- Notes:
- The throw ratio of ELPLM08 covers that of ELPLW06.
  - ELPLM08 and ELPLX01 do not support EB-L1505U.
  - EB-G7000/EB-L1000 Series and EB-L1505U have different throw ratios.
  - The chart on the right is for EB-G7000 Series and EB-L1000 Series except EB-L1505U.



# Installation Flexibility

## Borderless multi projection

A variety of functions are available for multi-projector installations, letting you adjust brightness, color and the position of overlapping areas for seamless, beautiful displays. There is also an Auto Scaling function for easy multi-projector displays and an Advanced Edge Blending function for more precise edge-blending adjustment.

### Problems with multi-projector installations

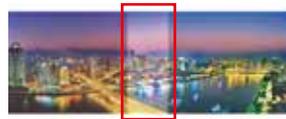
- Image positions do not match.
- Colors and brightness do not match.
- Overlapping areas are brighter than other areas in the images.



Epson's superior multi-projection functions solve these problems.

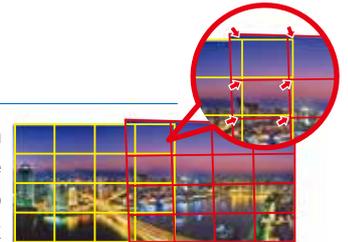
### Edge Blending

Blends the border between multiple images to create a seamless display when using multiple projectors.



### Point Correction

Corrects for misaligned images when using multiple projectors. Images are adjusted point-by-point (from right to left, or up and down) using a matrix projected onto the screen.



### Color Matching/Brightness Level

Uniform image color and brightness when using multiple projectors.



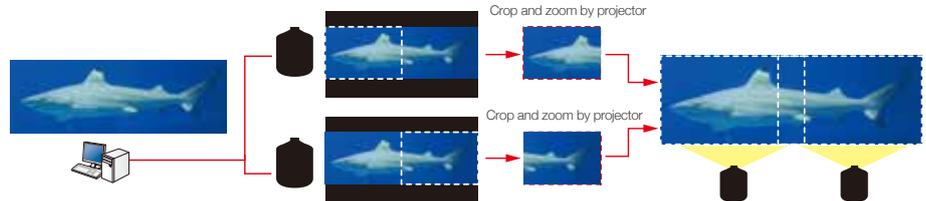
### Black Level

Uniform black levels in overlapping areas of images when using multiple projectors.



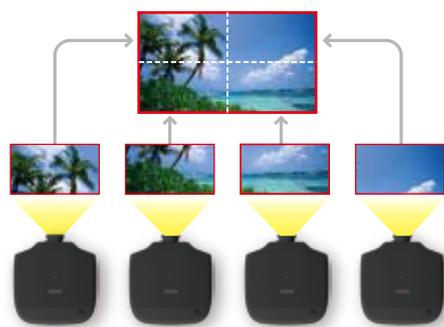
### Scale

Combine portions of a single image displayed by multiple projectors into one large image. This function scales and crops a single image, transforming it into a stunning display without the need for additional equipment.



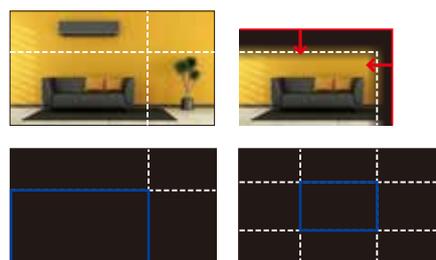
### Auto Scaling NEW

Simplify complicated scaling of images from multiple projectors. Just select the screen layout from the preset menu and the projector automatically sets slice area, scaling and edge-blend position.



### Advanced Edge Blending NEW

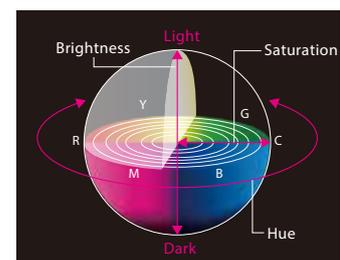
Precisely adjust edge blending to combine multiple edges for a seamless, unified look. This lets you fine-tune the start position and edge width of the blend as well as the area of the black level in the blend. This function also prevents the main subject from being overlapped. You can reduce the size of the overlapping areas to decrease the time it takes to combine multiple images.



Adjusting black level in the blend to subtly enhance multi-image projections.

### Detailed Color Adjustment

Adjust hue, saturation and brightness for each color in the RGB and CMY color models.



## Borderless multi projection

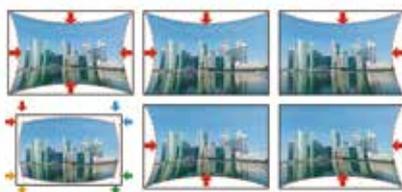
### Multiple geometric correction NEW

Project distortion-free images on surfaces such as corners, curved and spherical walls or other screen shapes. Some geometric correction can be adjusted simultaneously for fine-tuning settings.

### Curved Surface and Corner Wall

Quickly and precisely correct vertical and/or horizontal distortion when projecting onto curved surfaces, and adjust the shape of images projected onto corners.

Curved surface



Corner surface



### 360-degree projection

EB-G7000 Series can be rotated 360° without any loss in image brightness. This makes it ideal for a wide range of applications, such as projecting onto ceilings and floors or for signage.

### Portrait projection

Project in portrait mode by rotating the projector 90° — a nice solution, especially for signage, fashion shows, art galleries and museums.

Notes:

- Does not require dedicated portrait lamp.
- The projector should be installed 10 cm above the ground with the exhaust opening up.
- The replacement cycle for the portrait lamp is 2,000 hours.

### Web control with smart device support

Use a computer web browser or smart device to adjust projector settings. The newly designed OSD Control Pad function allows control of the OSD menu and even shows a representation of the lens-shift range on a smart device.



### Split Screen

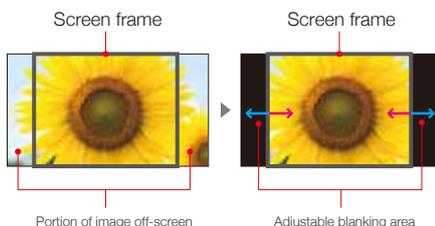
Project two different images from one projector, such as one showing conference attendees and the other documents. WUXGA resolution ensures crisp, clean images of both for presentations brimming with impact.

### Blanking

Adjust the blanking width for oversized images, or mask noise at the edges of the screen, especially images from a videocassette recorder. All edges are adjustable.

### Transferring OSD information

Reduce installation and setup time when using multiple projectors by transferring OSD settings — such as brightness and color settings as well as user logos — to multiple machines via USB or over a network.



### Simplified maintenance

No special equipment is needed to access the air filter and lamps, or to change lenses.

### HD-SDI/HDBaseT\* support

Support for HD-SDI/HDBaseT provides Full HD video, audio and Ethernet while the HD-SDI cable enables control from over 100 meters away in networks installed with Category 5e cable† and above — a smart solution for large venues.



\* The HDBaseT and the HDBaseT Alliance logos are trademarks of the HDBaseT Alliance.  
† STP (Spanning Tree Protocol) is recommended.

# SPECIFICATIONS

			EB-G7900U	EB-G7500U	
Specification of Main Parts	LCD	Size	0.76-inch with D-MLA (D10, C <sup>2</sup> Fine)		
		Pixel Number	2,304,000 dots (1920 x 1200) x 3		
		Native Resolution	WUXGA (16:10)		
	Projection Lens	Type	Power zoom / Power focus / Power shift		
		F-Number / Focal Length	1.7 - 2.3 / 24.0mm - 38.2mm		
Lamp	Type	400 W UHE			
	Life (Normal / ECO / Portrait)	3,000 hours / 4,000 hours / 2,000 hours			
Screen Size (Projected Distance)		Zoom:Wide	50" to 300" [1.53m to 9.43m] (Zoom:W)		
		Zoom:Tele	50" to 300" [2.48m to 15.10m] (Zoom:T)		
			100" screen 3.11m - 5.00m Throw ratio: 1.44 (Zoom:W), 2.33 (Zoom:T)		
Lens Shift Range	Vertical	Vertical: -67% to +67% (H Center) (Powered) *with standard lens			
	Horizontal	Horizontal: -30% to +30% (V Center) (Powered) *with standard lens			
Light Output			7000 lm	6500 lm	
Color Light Output			7000 lm	6500 lm	
Contrast+	Auto iris: On		50000:1 (Color mode : Dynamic, Power Consumption:Normal, Zoom:Wide, Lens shift:V -50% or 50% / H Center)		
Color Reproduction			Up to 1.07billion colors		
Adjustment Function	Image	Frame Interpolation	Yes		
		Image Enhancement	4K Enhancement	Off, Full HD, WUXGA+ (default)	
			Image Preset Mode	Yes	
			Noise Reduction	Yes	
			MPEG Noise Reduction	Off, Low, Normal, High	
			Super-resolution	Yes	
Detail Enhancement	Yes				
Sound Output			10 W Monaural		
Effective Scanning Frequency Range (Analog)	Pixel Clock	13.5 MHz to 162 MHz, Up to UXGA 60 Hz			
	Horizontal / Vertical	15 kHz to 92 kHz / 50 Hz to 85 Hz			
Effective Scanning Frequency Range (Digital)	Pixel Clock	13.5 MHz to 162 MHz, 297MHz(4K) Up to UXGA 60 Hz			
	Horizontal / Vertical	15 kHz to 75 kHz, 135kHz(4K) / 24/30/50/60 Hz, 25Hz			
Effective Scanning Frequency Range (SDI)	Pixel Clock	N/A			
	Horizontal / Vertical	N/A			
Geometric Correction	Vertical Keystone	-45 degrees to +45 degrees ( Zoom:Tele with Standard Zoom Lens)			
	Horizontal Keystone	-30 degrees to +30 degrees ( Zoom:Tele with Standard Zoom Lens)			
	Screen Fit	N/A			
	Quick Corner	Yes			
	Curved Surface	Yes			
	Corner Wall	Yes			
Analog RGB	Point Correction	Yes			
	Display Performance	Native	1920 x 1200 dots		
	Input Terminal	Video	D-sub 15pin x 1, 5 BNC x 1		
	Output Terminal	Video	D-sub 15pin x 1		
	HDMI	Display Performance	Native	1920 x 1200 dots (WUXGA)	
Input Signal		Video Standard	Yes		
Output Terminal		Video	N/A		
HD-BaseT™			1		
Control I/O	Serial I/O	Terminal	D-sub 9pin x 1		
		Signal	RS-232C		
Network I/O	Wired LAN	RJ-45 x 1			
	Wireless LAN	Optional			
	Supported Speeds for each mode	IEEE 802.11b: 11 Mbps* / IEEE 802.11g: 54 Mbps* / IEEE 802.11n: 130 Mbps*			
USB I/O	I/O Terminal	Type A x 1, Type B x 1			
Operating Temperature			0 °C to 45 °C (32°F to 113 °F) ( 20% - 80% humidity, No condensation ) <sup>^</sup>		
Operating Altitude			0m to 5000m(0 ft to 16,404 ft) ( over 1500 m / 4,921 ft :with High altitude mode)		
Start-up Period			about 15 seconds (warm-up period:30 seconds)		
Direct Power On			Yes		
Direct Power Off			Yes		
Cool-down Period			Instant off		
Power Supply Voltage			100 - 240 V AC +/- 10%, 50/60 Hz		
Power Consumption	Lamp On (Normal / ECO)	572W / 477W			
	Standby (Communication On / Off)	2.3W / 0.30W			
Dimension Exclude Feet (W x H x D)			525 x 164 x 425 mm		
Weight			Approx. 28.4 lbs / 12.9kg		
Fan Noise	Power consumption: Normal / ECO		39 dB / 31 dB		

+ Contrast = 100% White (Iris: Open) / Black (Iris: Close)

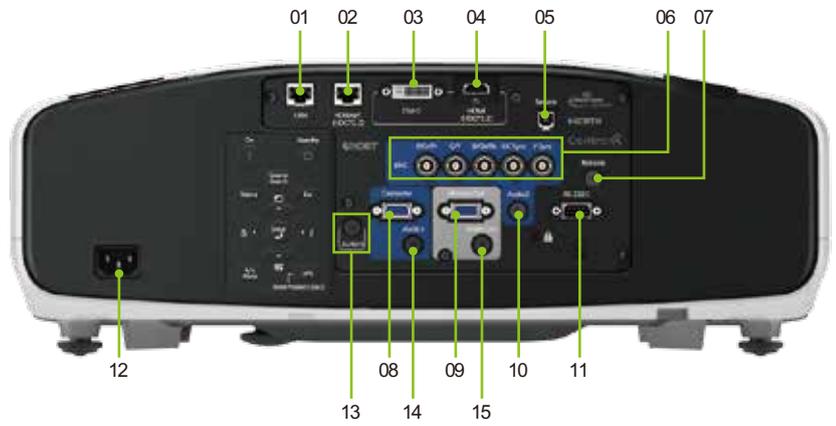
\* Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

<sup>^</sup> When environmental temperature becomes high, the brightness becomes dark automatically.



# EB-G7900U / G7500U / G7200W / G7000W / G7800 / G7100

01 LAN	02 HDBaseT (EB-G7500 / G7900U with HDCP2.2)	
03 DVI-D	04 HDMI (EB-G7500U / G7900U with HDCP2.2)	
05 Service Port	06 5BNC	07 Wired Remote Jack
08 Computer (D-SUB15)	09 Monitor Out	10 Audio 2
11 RS-232C	12 Power Inlet	13 Audio 3
14 Audio 1	15 Audio Out	



## SUPPLIED ACCESSORIES

Power Cable	3m
Computer Cable	1.8 m
Remoted Control with alkaline batteries	AA type x 2
Cable Cover	
Lens connector cap	
Epson Projector Software	

## OPTIONAL LENS

ELPLX01	Ultra Short Throw Lens
ELPLU03	Short Throw Zoom Lens
ELPLU04	Short Throw Zoom Lens
ELPLW05	Wide Zoom Lens
ELPLW06	Wide Zoom Lens
ELPLM08	Standard Lens
ELPLM09	Middle Throw Zoom Lens
ELPLM10	Middle Throw Zoom Lens
ELPLM11	Middle Throw Zoom Lens
ELPLL08	Long Throw Lens

4:3 Screen Size	X (Screen size / dimension)	ELPLX01		ELPLU03		ELPLU02 / ELPLU04		ELPLW05	
		Ultra Short Throw Lens		Short Throw Zoom Lens		Short Throw Zoom Lens		Wide Throw Lens	
		Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)
60"	120cm x 90cm 47.2" x 35.4"					107 / 42	129 / 51	127 / 50	180 / 71
80"	160cm x 120cm 63.0" x 47.2"			107 / 42	129 / 51	144 / 57	174 / 69	171 / 67	242 / 95
100"	200cm x 150cm 78.7" x 59.1"	71 / 28		134 / 53	162 / 64	181 / 71	219 / 86	216 / 85	303 / 119
120"	244cm x 183cm 96" x 72"	86 / 34		162 / 64	196 / 77	219 / 86	264 / 104	261 / 103	365 / 144
200"	410cm x 300cm 161.4" x 118.1"	147 / 58		273 / 107	328 / 129	368 / 145	444 / 175	440 / 173	612 / 241
300"	610cm x 460cm 240.2" x 181.1"	223 / 88		411 / 162	494 / 195	555 / 219	669 / 264	664 / 261	922 / 363
400"	813cm x 610cm 320" x 240"	299 / 118							

4:3 Screen Size	X (Screen size / dimension)	ELPLW04 / ELPLW06		ELPLM08		ELPLM04 / ELPLM09		ELPLM06 / ELPLM10	
		Wide Zoom Lens		Standard Lens		Standard Lens / Middle Throw Zoom Lens		Middle Throw Zoom Lens	
		Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)
60"	120cm x 90cm 47.2" x 35.4"	199 / 78	274 / 108	178 / 70	288 / 113	265 / 104	431 / 170	409 / 161	625 / 246
80"	160cm x 120cm 63.0" x 47.2"	268 / 106	368 / 145	239 / 94	385 / 152	356 / 140	578 / 227	549 / 216	838 / 330
100"	200cm x 150cm 78.7" x 59.1"	337 / 133	461 / 182	299 / 118	482 / 190	447 / 176	724 / 285	690 / 272	1051 / 414
120"	244cm x 183cm 96" x 72"	406 / 160	555 / 219	360 / 142	580 / 228	538 / 212	870 / 343	831 / 327	1264 / 498
200"	410cm x 300cm 161.4" x 118.1"	682 / 268	930 / 366	604 / 238	969 / 382	902 / 355	1456 / 573	1393 / 548	2115 / 833
300"	610cm x 460cm 240.2" x 181.1"	1026 / 404	1398 / 551	908 / 358	1456 / 573	1357 / 534	2188 / 861	2096 / 825	3179 / 1252

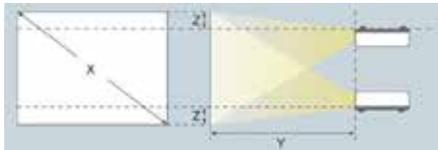
## OPTIONAL ACCESSORIES

ELPLP93	Spare Lamp	
ELPAF30	Air Filter	
ELPAP10	Wireless LAN unit	
ELPAP09	Quick Wireless Connection USB Key	
ELPKC02	Computer Cable	1.8 m
ELPKC09	Computer Cable	3 m
ELPKC10	Computer Cable	20 m
ELPKC28	Remote Control Cable Set	10m x2
ELPHD01	HDBaseT Transmitter	
ELPLP01	Polarizers	
ELPGS02A	Passive 3D Glasses for Adult (1 set of 5)	
ELPGS02B	Passive 3D Glasses for Child (1 set of 5)	
ELPMB47	Ceiling Mount	
ELPMB48	Ceiling Mount	
ELPDC11	Image Presentation Camera	
ELPDC20	Image Presentation Camera	
ELPST16	Mouse Receiver	

4:3 Screen Size	X (Screen size / dimension)	ELPLM07 / ELPLM11		ELPLL07 / ELPLL08		ELPLR04	
		Middle Throw Zoom Lens		Long Throw Lens		Long Throw Lens	
		Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)	Shortest (Wide)	Longest (Tele)
60"	120cm x 90cm 47.2" x 35.4"	595 / 234	910 / 358	885 / 349	1247 / 491	116 / 46	
80"	160cm x 120cm 63.0" x 47.2"	801 / 315	1221 / 481	1191 / 469	1674 / 659	157 / 62	
100"	200cm x 150cm 78.7" x 59.1"	1007 / 397	1533 / 603	1497 / 589	2100 / 827	198 / 78	
120"	244cm x 183cm 96" x 72"	1213 / 478	1844 / 726	1802 / 710	2527 / 995	239 / 94	
200"	410cm x 300cm 161.4" x 118.1"	2038 / 802	3089 / 1216	3025 / 1191	4232 / 1666	402 / 158	
300"	610cm x 460cm 240.2" x 181.1"	3069 / 1208	4645 / 1829	4554 / 1793	6364 / 2505	606 / 239	

## PROJECTION DISTANCE OF STANDARD LENS

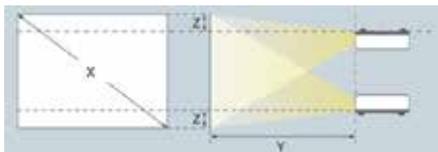
EB-G7900U / G7500U / G7200W / G7000W



16:10 Screen Size	Shortest (Wide)	Longest (Tele)	Offset	
X (Screen size / dimension)	Y (cm / inch)		Z (cm / inch)	
60"	125cm x 81cm 50.9" x 31.8"	185 / 73	298 / 117	-14-95 / -5.6-37.4
80"	172cm x 108cm 67.8" x 42.4"	248 / 98	399 / 157	-19-127 / -7.5-49.9
100"	215cm x 135cm 84.8" x 53.0"	311 / 123	500 / 197	-24-158 / -9.4-62.4
200"	431cm x 269cm 169.6" x 106.0"	627 / 247	1005 / 396	-48-317 / -18.7-124.7
300"	646cm x 404cm 254.4" x 159.0"	943 / 371	1510 / 595	-71-475 / -28.1-187.1

## PROJECTION DISTANCE OF STANDARD LENS

EB-G7800 / 7100



4:3 Screen Size	Shortest (Wide)	Longest (Tele)	Offset	
X (Screen size / dimension)	Y (cm / inch)		Z (cm / inch)	
60"	125cm x 81cm 50.9" x 31.8"	178 / 70	288 / 113	-7-98 / -2.7-38.7
80"	172cm x 108cm 67.8" x 42.4"	239 / 94	385 / 152	-9-131 / -3.6-51.6
100"	215cm x 135cm 84.8" x 53.0"	299 / 118	482 / 190	-12-164 / -4.6-64.4
200"	431cm x 269cm 169.6" x 106.0"	604 / 238	969 / 382	-23-328 / -9.1-129.1
300"	646cm x 404cm 254.4" x 159.0"	908 / 358	1456 / 573	-35-492 / -13.7-193.7

## Bold, Bright, Beautiful...3LCD Technology

3LCD technology achieves bright, natural images and smooth, sharp video playback. No color break-up makes images gentle on the eyes.



Optical unit with high light-use efficiency



2 Year Onsite Warranty Service to be provided for local purchase only.

# The warranty service can be extended by purchasing Epson Coverplus Extended Warranty. For more information, please contact Epson customer support.

For Standard warranty terms & conditions, please refer to <https://www3.epson.com.hk/eservice/tcs.html>



## Epson Hong Kong Limited

Unit 715-723, 7/F Trade Square, 681 Cheung Sha Wan Road, Cheung Sha Wan, Kowloon, H.K.

\* Please call our sales hotlines for demonstration at our showroom.

Epson Authorized Collection Point  
(Hong Kong Island)  
Room 1003, Block B, Sea View Estate,  
4-6 Watson Road, North Point, Hong Kong

Epson Authorized Collection Point  
(Kowloon)  
Room 1006-1008, Park-In Commercial Centre,  
56 Dundas Street, Mong Kok, Kowloon, Hong Kong

Epson Authorized Customer Service Center  
(Kowloon East)  
Wah Fun Computer Services Ltd.  
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APR16-01-PROJECTOR