Efforts to mitigate environmental impacts in manufacturing

Toyoshina plant in Japan

Epson becomes the First[1] in the Manufacturing Industry to switch all global sites[2] to 100% Renewable Energy.

In December 2023, Epson successfully transitioned all its sites[2] to 100% renewable energy. This includes the adoption of Shinshu Green Electricity, a CO_2-free value-added electric power generated locally in Nagano Prefecture using hydroelectric power sources. This strategic shift not only contributes to the reduction of Epson's greenhouse gas emissions[3] but also boosts the utilisation of locally produced energy.

Assembled using 100% renewable electricity

Epson's worldwide group sites[2] met their electricity needs from 100% renewable energy sources (renewable electricity) in 2023. We first achieved 100% renewable energy at our projector's manufacturing site in the Philippines in January 2021 by generating power with a rooftop mega-solar power plant and switching to a mix of geothermal and hydroelectric power.

Epson Precision (Philippines), Inc.

Over 80% recycled cardboard packaging

All carton box packaging of Epson's projectors are made by over 80% recycled cardboard.

1 Among Japanese companies that have joined the RE100. Current as of January 9, 2024, per Epson research.
2 Excludes some sales sites and leased properties where the amount of electricity consumed cannot be determined
3 GHG (Greenhouse Gas), GHG scope 1, 2, 3 emission

Developing Solutions

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Developing Solutions

EPSON

HIGH BRIGHTNESS PROJECTORS
RANGE BROCHURE 2025

Get ready to shine wherever you go with Epson's range of high brightness projectors.

Discover colour brightness in outstanding levels of up to 30,000 lumens – delivering stunning images and vibrant colours with Epson 3LCD technology. Experience installation flexibility with usage in different environments to meet diverse needs. Achieve peace of mind with high reliability of up to 20,000 hours* maintenance free – giving users the capability to make a lasting impact on a powerful stage.

ENGINEERED FOR good

3LCD · LASER LIGHT SOURCE · 4K CRYSTAL MOTION · IP5X Dustproof · HDBT · PROJECTOR BRAND WORLDWIDE 2001-2024 · 3 YEARS

*20,000H life for laser light source : Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m3 of particulate matter.
Time varies depending on usage conditions and environments. Replacement of parts other than the light source may be required in a shorter period.
4K Crystal Motion and IP5X Dustproof features are applicable to selected models only.

Choose an Epson high brightness projector that's right for you

Big Meeting Rooms / Lecture Rooms	Lecture Hall / Auditoriums / Digital Signages	Large Venues / Events

FACT

High brightness projectors are designed to deliver unyielding display performance, engineered to shine outstandingly even in well-lit environments to enhance your presentation experience.

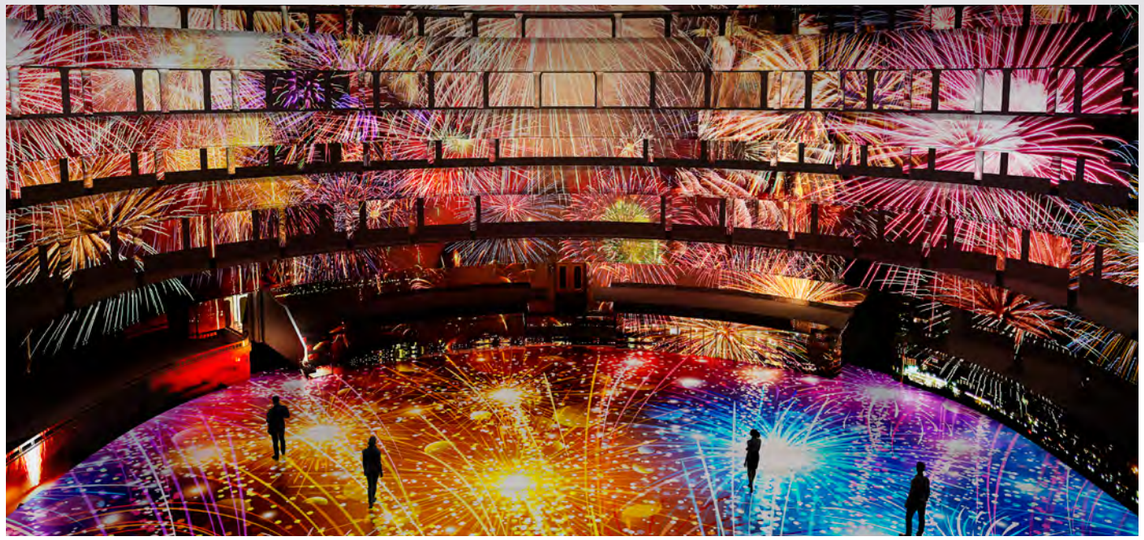
TECHNICAL SPECIFICATIONS

LASER LIGHT SOURCE

	EB-PU1000 / 2010 Series	EB-PU2200 Series	EB-PQ2200 Series	EB-L30000UNL
Basic Specification				
Technology	3LCD			
White Brightness *1	6,000lm - 10,000lm	13,000lm - 20,000lm	8,000lm - 20,000lm	30,000lm
Colour Brightness *1	6,000lm - 10,000lm	13,000lm - 20,000lm	8,000lm - 20,000lm	30,000lm
Contrast Ratio	Over 5,000,000:1	Over 5,000,000:1	Over 5,000,000:1	Over 5,000,000:1
Resolution	WUXGA (w/ 4KE)	WUXGA (w/ 4KE)	4K UHD	WUXGA (w/ 4KE)
Installation Flexibility				
Lens Shift	●	●	●	●
360 degree Projection	●	●	●	●
Portrait Projection	●	●	●	●
Interchangeable Lens	10 Optional Lens *2 (For EB-PU2010B) 11 Optional Lens *2 (For EB-PU1006W/PU1007W/PU1008B)	11 Optional Lens	11 Optional Lens	9 Optional Lens
HD BaseT	●	●	●	●
Lens Position Memory	●	●	●	●
Calibration Camera	Optional (ELPEC01)	Optional (ELPEC01)	Optional (ELPEC01)	Built-in
Image Geometric Correction Functions				
Keystone Correction	●	●	●	●
Quick Corner	●	●	●	●
Point Correction	●	●	●	●
Curved Surface	●	●	●	●
Corner Wall	●	●	●	●
Geometric Correction Memory	●	●	●	●
Image Enhancement				
DICOM SIM Mode	●	●	●	●
Frame Interpolation	●	●	●	●
Super Resolution	●	●	●	●
Six Axis Colour Adjustment	●	●	●	●
Multi Projection				
Edge Blending	●	●	●	●
Multi-Projection Colour Mode	●	●	●	●
Projector ID	●	●	●	●

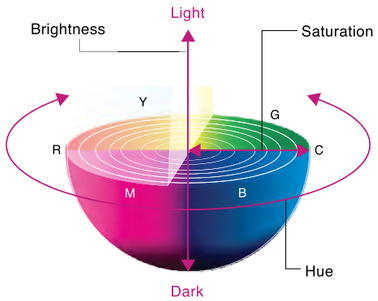
*1 Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.
*2 ELPLM08 and ELPLX01 are not applicable for EB-PU2010B. ELPLX02 is not compatible for EB-PU1006W/PU1007W/PU1008B.

Vibrant Colours, Greater Details



Advanced Colour Adjustment

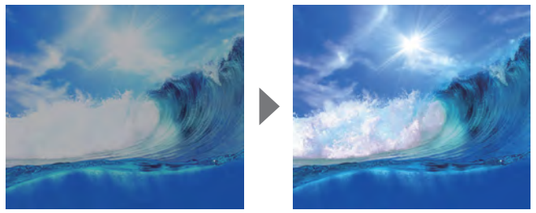
With the colour adjustment function, you can easily adjust the hue, saturation and brightness for each component of RGBCMY to match your preferences.



High Dynamic Range

These projectors support HDR10* and Hybrid Log-Gamma to provide more precise detailing for light and dark graduation contents, as well as more vibrant images and improved contrast.

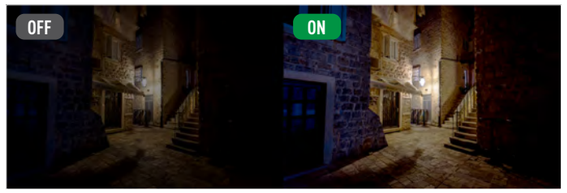
*EB-L30000UNL only supports HDR.



SDR (Standard Dynamic Range) HDR (High Dynamic Range)

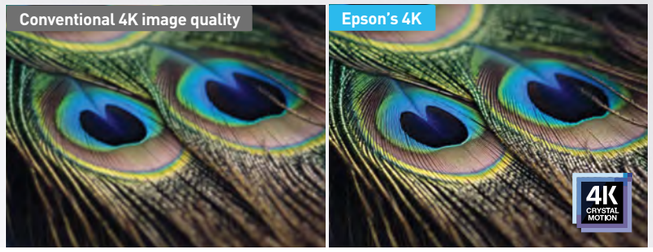
Scene Adaptive Gamma Correction Except for EB-L30000UNL

Epson's unique image quality adjustment functions allow for image quality adjustments according to content. These include Scene Adaptive Gamma Correction, which analyses the image frame by frame and automatically adjusts the gamma level for optimal contrast, preventing crushed blacks in dark scenes and clipped whites in bright scenes, resulting in a natural-looking image.



High Definition Images with 4K and 4KE Resolution

Leveraging on Epson's state-of-the-art 4K Crystal Motion and 4KE technology to deliver extraordinary detail and captivating visuals.



Brilliant Display

Enjoy richer contrast with Epson's newly-developed laser optical engine system. Combined together with the vibrant and realistic colours from the 3LCD panels, you enjoy more lifelike projections.

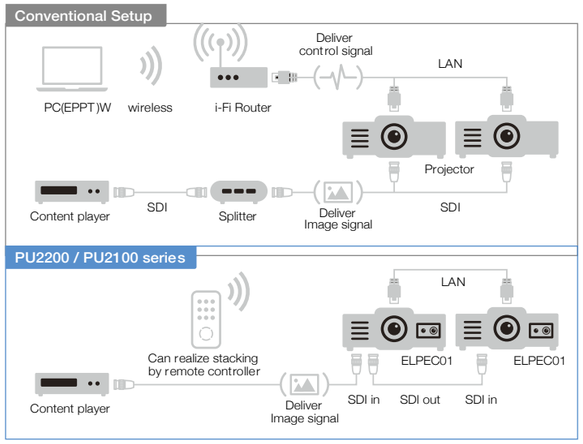
Versatility in Projection and Placements

Simple Stacking Function

Require External Camera

Stack easily with a remote controller from the OSD menu instead of the conventional PC, or wi-fi router. This process can also be achieved quickly using the daisy chain by SDI signal IN/OUT support*, reducing hassle and installation time. Alternatively, take advantage of the Auto Camera Assist for stacking to reduce installation time to a mere five minutes without additional fuss.

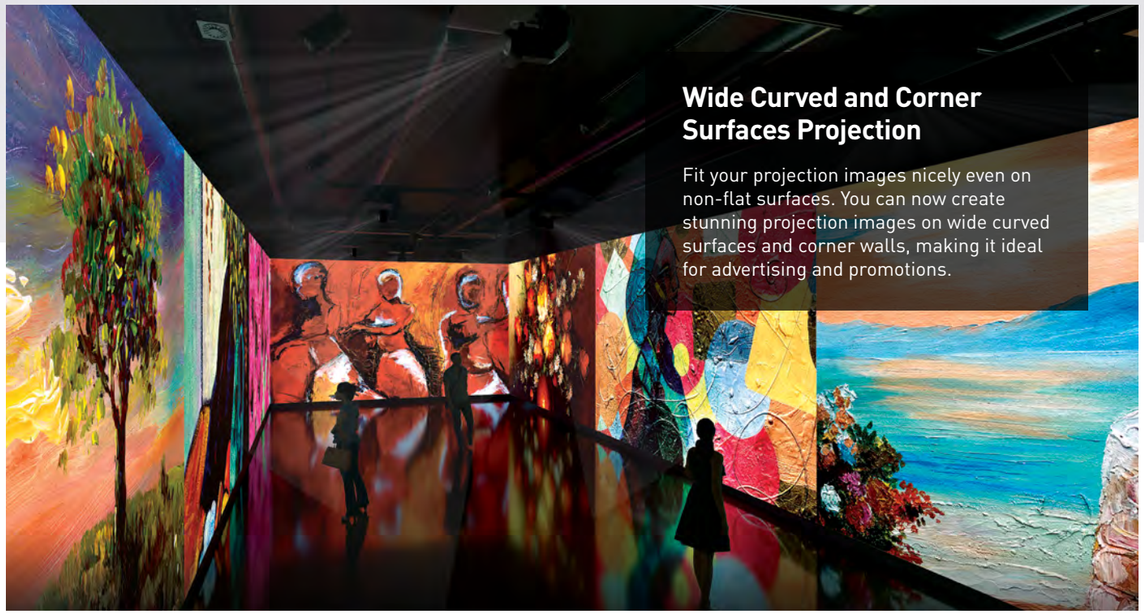
*Except PQ2008B and PU1000 series. Requires HDMI splitter for PQ2008B and PU1000 series.



ELPEC01 Optional Camera

Using this optional camera makes sophisticated projection applications easy. Speed up your multi-projector colour calibration, geometric correction and edge blending solutions by pairing it with Epson Professional Tool software.

Higher Reliability, Stunning Results

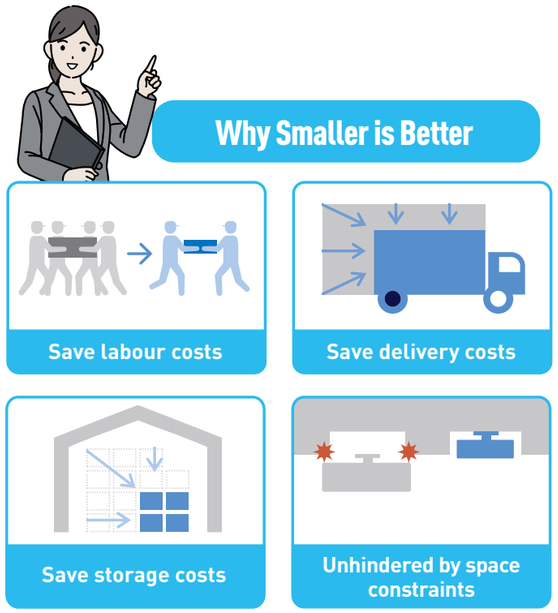


Wide Curved and Corner Surfaces Projection

Fit your projection images nicely even on non-flat surfaces. You can now create stunning projection images on wide curved surfaces and corner walls, making it ideal for advertising and promotions.

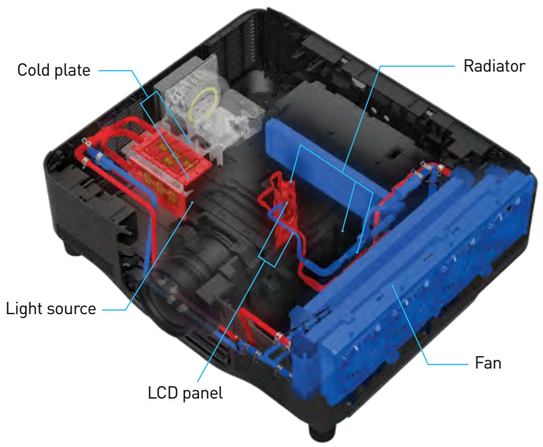
Benefits of Being Smaller

The smaller size and lighter weight of the projectors improve transportability and simplify warehousing. Combined with flexible installation options, these features offer substantial cost savings for our customers.



Sophisticated Liquid Cooling System

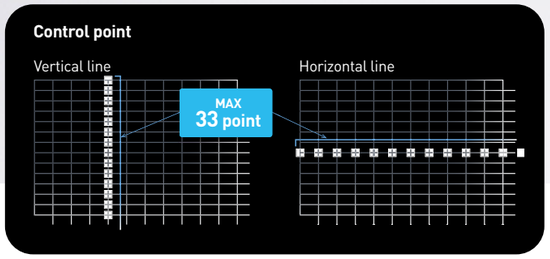
The PQ2200 series* builds upon the advanced liquid-cooling technology of the PU2200 series*, leveraging over a decade of research, development, and industry expertise. This unique liquid-cooling system efficiently cools the optical engines and laser light source units, enabling the creation of more compact products.



*Limited to PQ2213/PQ2216/PQ2220.

Versatile Point Correction

In addition to making precise adjustments with point correction for 33x33 grids, installation is now made easier with support for correcting points vertically or horizontally in a single column simultaneously.

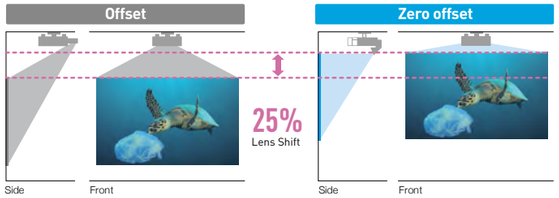


21:9 Support

The PU/PQ2000/2200 series support 21:9 aspect ratio, making it ideal for hybrid meeting solutions that require high brightness and excellent image quality.

Ultra Short-Throw Lens Support

The PU/PQ2200 series supports zero offset lenses that utilise advanced optical design and manufacturing technologies. With a 0.35 throw ratio and zero offset, these versatile lenses are perfect for installations in narrow spaces and rear-projection applications.



Broad Lineup of Lenses

The PU/PQ2200 series can be used without modification with the same lineup of lenses as PU20/2200 series.

* The PQ2000/2200 series supports LW05, LU03, and LM08 lenses with certain limitations.

Note: A decrease in brightness and other functional restrictions may apply.
For more details, please refer to manual.

Improved Durability For Better Maintenance

High durability with IP5X certified Optical Engine and Laser Light Source Module

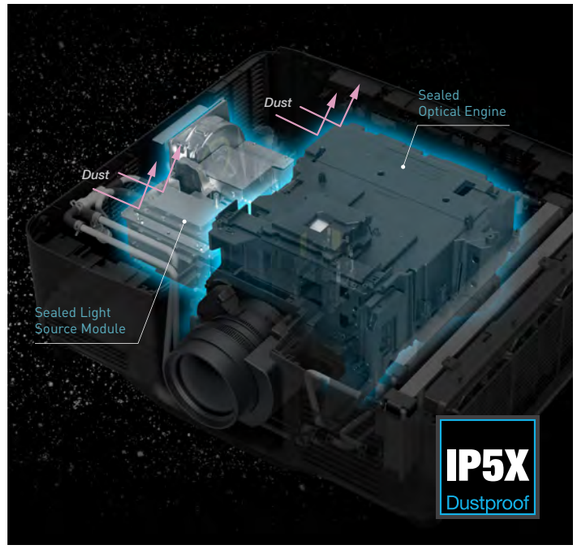
The EB-PU/PQ2200 series is equipped with IP5X certified Optical Engines and Laser Light Source Modules according to IEC standard 60529*, offering outstanding dust protection. In addition, these two key components are hermetically sealed to maintain their performance even in dusty environments.

*JIC C 0920 compliant in Japan.

Filterless Design For Hassle-Free Maintenance**

In addition to sealed main components, circuit boards found to be at risk of dust-related short-circuit during testing are coated and protected. Thanks to this dustproof construction, the EB-PU/PQ2200 series is filter-free, eliminating the need for filter changes.

**The filterless design may not be suitable for all environments. An enclosure is recommended for environments including, but not limited to, those with oil, moisture, or salt.



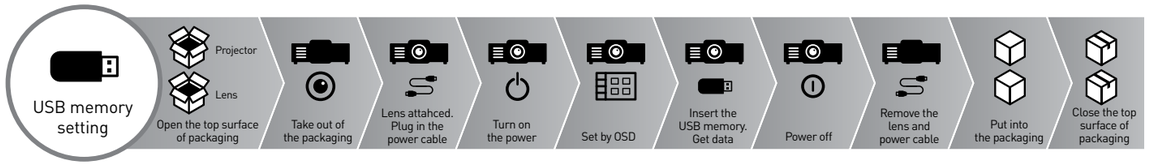
Smooth Connection, Efficient Control

Epson Projector Config Tool for Easy Set Up

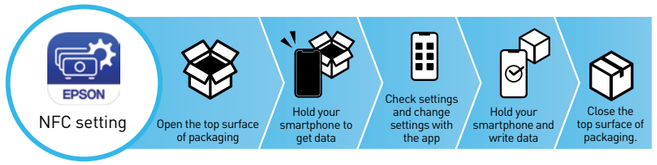
Using NFC wireless communications technology to change projector settings and check equipment information, the Epson Projector Config Tool is an app that allows you to configure network and projection settings in advance, even when the projector is switched off. Allowing management across your fleet of projectors, this tool helps to reduce time and effort required, increasing efficiency.

Comparison of setup time using USB memory method and Epson Projector Config Tool app in warehouse:

10 steps in 67 minutes



Just 5 steps in 7 minutes*



Reduce the number of steps by **50%** and save **1-hour** of your time VS using USB memory setting!*

*Based on Epson's internal acceleration tests. Only for EB-PU/PQ series.

Epson Projector Professional Tool

Match projected images' borders to project a vivid and clear supersized image with the Epson Projector Professional Tool. With the tool, settings that previously required separate remote controller operations for each projector can also all be done on a single PC, greatly reducing installation time and effort.

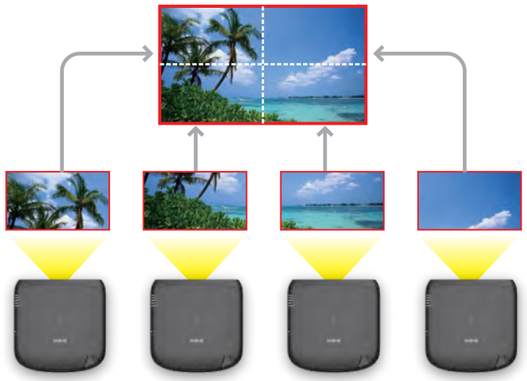
Epson Projector Management Connected

Epson Projector Management Connected (EPMC) is a cloud-based solution that lets you monitor, control, and manage multiple projectors remotely through a web browser. It streamlines maintenance with real-time alerts, simplifies scheduling, and enables remote power and input controls – ideal for IT admins managing large or distributed installations.

Note: Some functions do not support Epson Projector Professional Tool. Network connection is a requirement for use of Epson Projector Professional Tool and Epson Projector Management Connected Software.

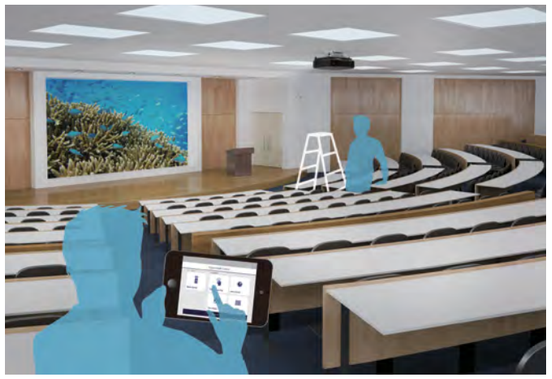
Auto-Scaling

This revolutionary function simplifies the complicated scaling of images from multiple projectors so you can do it easily. Just select the screen layout from the pre-set menu and the projector automatically sets the slice area, scaling and edge-blend position.



Web Control with Smart Device Support

Use a computer web browser or smart device to adjust your projector settings. The newly designed OSD Control Pad function allows you to control the OSD menu and even allows you to view the projection image from remote location using the projector's in-built camera*.



*In-built camera is only applicable to EB-L30000UNL.
EB-PU/PQ series requires ELPEC01 external camera module.

LENS SPECIFICATIONS

ULTRA SHORT THROW LENS

MODEL NUMBER	ELPLX01WS/ELPLX01S	ELPLX02S	ELPLX03
PRODUCT CODE	V12H004X0A / V12H004Y0A	V12H004X0B	V12H004X03
Projection Lens: Type	Powered: Focus / Distortion	Powered: Focus / Distortion	Powered: Focus / Distortion
F-Number	1.9	1.9	2.2
Focal Length	5.8 mm	8.0 mm	11.16 mm
Zoom Ratio	N/A	N/A	N/A
Weight	3,500g	5,000g	13,000g
Screen Size (Projected Distance)	100" - 1000" Throw ratio 0.35	**PU series** 100" - 1000" Throw ratio 0.35 **PQ series** 100" - 1000" Throw ratio 0.34	120" - 1000" Throw ratio 0.35
Lens Shift Range	Powered Vertical: +50% to +67% (H Center) Horizontal: -10% to 10% (Vertical +50%)	**PU series** Powered Vertical: ±45% to 70% (H Center) Horizontal: ±15% (V Center) **PQ series** Powered Vertical: ±45% to 75% (H Center) Horizontal: ±13% (V Center)	Powered Vertical: +45% to +70% (H Center) Horizontal: ±15% (V Center)

SHORT THROW LENS

MODEL NUMBER	ELPLU03S	ELPLU04	ELPLU05
PRODUCT CODE	V12H004UA3	V12H004U04	V12H004U05
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus / Distortion	Powered: Zoom / Focus / Distortion	Powered: Zoom / Focus / Distortion
F-Number	2.0 - 2.3	2.0 - 2.1	2.4 - 2.6
Focal Length	11.1 - 13.1 mm	14.8 - 17.7 mm	28.4 - 34.0 mm
Zoom Ratio	1 - 1.2	1 - 1.2	1 – 1.21
Weight	2,300g	3,100g	9,400g
Screen Size (Projected Distance)	**PU1000 series** 80" - 1000" Throw ratio 0.65 - 0.78 **PU2000 series** 80" - 1000" Throw ratio 0.48 - 0.57 **PQ series** 80" - 1000" Throw ratio 0.46 - 0.57	**PU1000 series** 50" - 1000" Throw ratio 0.87 - 1.05 **PU2000 series** 60" - 1000" Throw ratio 0.64 - 0.77 **PQ series** 60" - 1000" Throw ratio 0.62 - 0.75	100" - 1000" Throw ratio 0.90 - 1.09
Lens Shift Range	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±24% (H Center) Horizontal: ±10% (V Center) **PQ series** Powered Vertical: ±25% (H Center) Horizontal: ±8% (V Center) **PU2000 series**: If input signal is 1080p, Powered Vertical: ±32% (H Center) Horizontal: ±10% (V Center)	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered Vertical: ±64% (H Center) Horizontal: ±16% (V Center)	Powered Vertical: ±55% (H Center) Horizontal: ±25% (V Center)

LENS SPECIFICATIONS

ZOOM LENS

MODEL NUMBER	ELPLW05	ELPLW06	ELPLW07
PRODUCT CODE	V12H004W05	V12H004W06	V12H004W07
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus / Distortion	Powered: Zoom / Focus	Powered: Zoom / Focus
F-Number	2.0 - 2.2	1.8 - 2.3	2.2 - 2.5
Focal Length	17.6 - 24.3 mm	27.3 - 37.0 mm	40.6 - 55.2 mm
Zoom Ratio	1 - 1.4	1 - 1.4	1 – 1.37
Weight	1,450g	2,950g	9,500g
Screen Size (Projected Distance)	**PU1000 series** 50" - 1000" Throw ratio 1.04 - 1.46 **PU2000 series** 60" - 1000" Throw ratio 0.77 - 1.07 **PQ series** 60" - 1000" Throw ratio 0.74 - 1.04	**PU1000 series** 50" - 1000" Throw ratio 1.62 - 2.22 **PU2000 series** 60" - 1000" Throw ratio 1.19 - 1.62 **PQ series** 60" - 1000" Throw ratio 1.15 - 1.57	100" - 1000" Throw ratio 1.29 - 1.76
Lens Shift Range	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±24% (H Center) Horizontal: ±10% (V Center) **PQ series** Powered Vertical: ±25% (H Center) Horizontal: ±8% (V Center	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered* Vertical: ±64% (H Center) Horizontal: ±16% (V Center) *Not supporting power distortion	Powered Vertical: ±65% (H Center) Horizontal: ±30% (V Center)

MODEL NUMBER	ELPLW08
PRODUCT CODE	V12H004X0A / V12H004Y0A
SPECIFICATION OF MAIN PARTS	
Projection Lens: Type	Powered: Zoom / Focus / Distortion
F-Number	2.0 - 2.2
Focal Length	19.7 - 27.5 mm
Zoom Ratio	1 - 1.4
Weight	3,050g
Screen Size (Projected Distance)	**PU1000 series** 50" - 1000" Throw ratio 1.18 - 1.66 **PU2000 series** 60" - 1000" Throw ratio 0.86 - 1.21 **PQ series** 60" - 1000" Throw ratio 0.83 - 1.17
Lens Shift Range	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered Vertical: ±64% (H Center) Horizontal: ±16% (V Center)

MODEL NUMBER	ELPLM08	ELPLM10	ELPLM11
PRODUCT CODE	V12H004X0B	V12H004M0A	V12H004M0B
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus
F-Number	1.7 - 2.3	1.8 - 2.4	1.8 - 2.4
Focal Length	24.0 - 38.2 mm	55.4 - 83.3 mm	80.6 - 121.1 mm
Zoom Ratio	1 - 1.6	1 - 1.5	1 - 1.5
Weight	1,200g	2,200g	2,200g
Screen Size (Projected Distance)	**PU2200 series** 50" - 1000" Throw ratio 1.06 - 1.69 **PQ series** 50" - 1000" Throw ratio 1.02 - 1.64	**PU1000 series** 50" - 1000" Throw ratio 3.32 - 5.06 **PU2000 series** 60" - 1000" Throw ratio 2.42 - 3.71 **PQ series** 60" - 1000" Throw ratio 2.34 - 3.59	**PU1000 series** 50" - 1000" Throw ratio 4.85 - 7.38 **PU2000 series** 60" - 1000" Throw ratio 3.54 - 5.41 **PQ series** 60" - 1000" Throw ratio 3.42 - 5.23
Lens Shift Range	**PU2200 series** Powered Vertical: ±24% (H Center) Horizontal: ±10% (V Center) **PQ series** Powered* Vertical: ±25% (H Center) Horizontal: ±8% (V Center) *Not supporting power distortion	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered Vertical: ±64% (H Center) Horizontal: ±16% (V Center)	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered* Vertical: ±64% (H Center) Horizontal: ±16% (V Center) *Not supporting power distortion

*All screen size and throw ratio differ from model to model, please refer to individual product brochure or contact our customer service centre to find out more.
*Please refer to the lens compatibility chart on page 9 and 10 for more details

LENS SPECIFICATIONS

ZOOM LENS

MODEL NUMBER	ELPLM12	ELPLM13	ELPLM14
PRODUCT CODE	V12H004M12	V12H004M13	V12H004M14
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus
F-Number	1.9 - 2.1	1.9 - 2.4	2.1 - 2.4
Focal Length	54.7 - 73.0 mm	71.6 - 107.3 mm	106.8 - 160.9 mm
Zoom Ratio	1 – 1.35	1 – 1.52	1 – 1.50
Weight	7,700g	8,000g	8,700g
Screen Size (Projected Distance)	100" - 1000" Throw ratio 1.74 - 2.35	100" - 1000" Throw ratio 2.28 - 3.46	100" - 1000" Throw ratio 3.41 - 5.12
Lens Shift Range	Powered Vertical: ±65% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±65% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±65% (H Center) Horizontal: ±30% (V Center)

MODEL NUMBER	ELPLM15
PRODUCT CODE	V12H004M0F
SPECIFICATION OF MAIN PARTS	
Projection Lens: Type	Powered: Zoom / Focus
F-Number	1.8 - 2.3
Focal Lengt	36.0 - 57.4 mm
Zoom Ratio	1 - 1.6
Weight	1,900g
Screen Size (Projected Distance)	**PU1000 series** 50" - 1000" Throw ratio 2.16 - 3.48 **PU2000 series** 60" - 1000" Throw ratio 1.57 - 2.56 **PQ series** 60" - 1000" Throw ratio 1.52 - 2.47
Lens Shift Range	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered* Vertical: ±64% (H Center) Horizontal: ±16% (V Center) *Not supporting power distortion

MODEL NUMBER	ELPLR05
PRODUCT CODE	V12H004R05
SPECIFICATION OF MAIN PARTS	
Projection Lens: Type	Powered: Focus / Distortion
F-Number	2.2
Focal Length	19.1 mm
Zoom Ratio	N/A
Weight	9,600g
Screen Size (Projected Distance)	100" - 1000" Throw ratio 0.60
Lens Shift Range	Powered Vertical: ±15% (H Center) Horizontal: ±5% (V Center)

MODEL NUMBER	ELPLL08	ELPLL09	ELPLL10
PRODUCT CODE	V12H004L08	V12H004L09	V12H004L10
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus	Powered: Zoom / Focus	Powered: Zoom / Focus
F-Number	1.8 - 2.5	2.1 - 2.5	2.2 - 2.6
Focal Length	119.0 - 165.4 mm	149.7 - 225.0 mm	216.6 - 326.8 mm
Zoom Ratio	1 - 1.4	1 – 1.50	1 – 1.50
Weight	2,200g	9,700g	10,900g
Screen Size (Projected Distance)	**PU1000 series** 50" - 1000" Throw ratio 7.21 - 10.11 **PU2000 series** 60" - 1000" Throw ratio 5.27 - 7.41 **PQ series** 60" - 1000" Throw ratio 5.09 - 7.16	100" - 1000" Throw ratio 4.79 - 7.20	100" - 1000" Throw ratio 6.96 - 10.45
Lens Shift Range	**PU1000 series** Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center) **PU2000 series** Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center) **PQ series** Powered* Vertical: ±64% (H Center) Horizontal: ±16% (V Center) *Not supporting power distortion	Powered Vertical: ±55% (H Center) Horizontal: ±25% (V Center)	Powered Vertical: ±55% (H Center) Horizontal: ±25% (V Center)

*All screen size and throw ratio differ from model to model, please refer to individual product brochure or contact our customer service centre to find out more.
*Please refer to the lens compatibility chart on page 9 and 10 for more details

LENS COMPATIBILITY CHART

EB-PU1000 Series & PU2010B

LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	THROW RATIO	LENS SHIFT VERTICAL	LENS SHIFT HORIZONTAL	COMPATIBLE PROJECTORS
ULTRA SHORT THROW LENS	ELPLX01WS/ ELPLX01S		1.9	● 0.35	+50% – +67%	±10%	• EB-PU1006W • EB-PU1007W • EB-PU1008B
	ELPLX02S		1.9	● 0.35	+45% – +70%	±15%	• EB-PU2010B
SHORT THROW LENS	ELPLU03S		2.0 - 2.3	●● 0.65 - 0.78 ●● 0.48 - 0.57	±67% ±24%	±30% ±10%	●–● • EB-PU1006W • EB-PU1007W • EB-PU1008B ●–● • EB-PU2010B
	ELPLU04		2.0 - 2.1	●–● 0.87 - 1.05 ●● 0.64 - 0.77	±67% ±60%	±30% ±18%	
ZOOM LENS	ELPLW05		2.0 - 2.2	●–● 1.04 - 1.46 ●● 0.77 - 1.07	±67% ±24%	±30% ±10%	●–● • EB-PU1006W • EB-PU1007W • EB-PU1008B ●–● • EB-PU2010B
	ELPLW06		1.8 - 2.3	●–● 1.62 - 2.22 ●● 1.19 - 1.62	±67% ±60%	±30% ±18%	
	ELPLW08		2.0 - 2.2	●–● 1.18 - 1.66 ●● 0.86 - 1.21	±67% ±60%	±30% ±18%	
	ELPLM08		1.7 - 2.3	●–● 1.44 - 2.32	±67%	±30%	●–● • EB-PU1006W • EB-PU1007W • EB-PU1008B ●–● • EB-PU2010B
	ELPLM10		1.8 - 2.4	●–● 3.32 - 5.06 ●–● 2.42 - 3.71	±67% ±60%	±30% ±18%	
	ELPLM11		1.8 - 2.4	●–● 4.85- 7.38 ●–● 3.54 - 5.41	±67% ±60%	±30% ±18%	
	ELPLM15		1.8 - 2.3	●–● 2.16 - 3.48 ●–● 1.57 - 2.56	±67% ±60%	±30% ±18%	
	ELPLL08		1.8 - 2.5	●–● 7.21 - 10.11 ●–● 5.27 - 7.41	±67% ±60%	±30% ±18%	

LENS COMPATIBILITY CHART

EB-PU2200 Series

LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	THROW RATIO	LENS SHIFT VERTICAL	LENS SHIFT HORIZONTAL	COMPATIBLE PROJECTORS
ULTRA SHORT THROW LENS	ELPLX02S		1.9	● 0.35	+45% – +70%	±15%	• EB-PU2213B • EB-PU2216B • EB-PU2220B
SHORT THROW LENS	ELPLU03S		2.0 - 2.3	●● 0.48 - 0.57	±24%	±10%	
	ELPLU04		2.0 - 2.1	●● 0.64 - 0.77	±60%	±18%	
ZOOM LENS	ELPLW05		2.0 - 2.2	●–● 0.77 - 1.07	±24%	±10%	
	ELPLW06		1.8 - 2.3	●–● 1.19 - 1.62	±60%	±18%	
	ELPLW08		2.0 - 2.2	●–● 0.86 - 1.21	±60%	±18%	
	ELPLM08		1.7 - 2.3	●–● 1.06 - 1.69	±24%	±10%	
	ELPLM10		1.8 - 2.4	●–● 2.42 - 3.71	±60%	±18%	
	ELPLM11		1.8 - 2.4	●–● 3.54 - 5.41	±60%	±18%	
	ELPLM15		1.8 - 2.3	●–● 1.57 - 2.56	±60%	±18%	
	ELPLL08		1.8 - 2.5	●–● 5.27 - 7.41	±60%	±18%	

Note: Powered Distortion is not supported for ELPLW06,LM08, LM15, LM10, LM11 and LL08 lens.

EB-PU2200 Series

LENS COMPATIBILITY CHART

EB-PQ20/2200 Series

LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	THROW RATIO	LENS SHIFT VERTICAL	LENS SHIFT HORIZONTAL	COMPATIBLE PROJECTORS
ULTRA SHORT THROW LENS	ELPLX02S		1.9	● 0.34	+45% – +75%	±13%	• EB-PQ2008B • EB-PQ2010B • EB-PQ2213B • EB-PQ2216B • EB-PQ2220B
SHORT THROW LENS	ELPLU03S		2.0 - 2.3	●● 0.46 - 0.56	±25%	±8%	
	ELPLU04		2.0 - 2.1	●● 0.62 - 0.75	±64%	±16%	
ZOOM LENS	ELPLW05		2.0 - 2.2	●–● 0.74 - 1.04	±25%	±8%	
	ELPLW06		1.8 - 2.3	●–● 1.15 - 1.57	±64%	±16%	
	ELPLW08		2.0 - 2.2	●–● 0.83 - 1.17	±64%	±16%	
	ELPLM08		1.7 - 2.3	●–● 1.02 - 1.64	±25%	±8%	
	ELPLM10		1.8 - 2.4	●–● 2.34- 3.59	±64%	±16%	
	ELPLM11		1.8 - 2.4	●–● 3.42 - 5.23	±64%	±16%	
	ELPLM15		1.8 - 2.3	●–● 1.52 - 2.47	±64%	±16%	
	ELPLL08		1.8 - 2.5	●–● 5.09 - 7.16	±64%	±16%	

Note: Powered Distortion is not supported for ELPLW06,LM08, LM15, LM10, LM11 and LL08 lens.

EB-PQ2000/PQ2200 Series

EB-L30000U NL

LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	THROW RATIO	LENS SHIFT VERTICAL	LENS SHIFT HORIZONTAL	COMPATIBLE PROJECTORS
ULTRA SHORT THROW LENS	ELPLX03		2.2	0.35	+45% – +70%	±15%	
SHORT THROW LENS	ELPLU05		2.4 - 2.6	0.90 - 1.09	±55%	±25%	
ZOOM LENS	ELPLW07		2.2 - 2.5	1.29 - 1.76	±65%	±30%	
	ELPLM12		1.9 - 2.1	1.74 - 2.35	±65%	±30%	
	ELPLM13		1.9 - 2.4	2.28 - 3.46	±65%	±30%	• EB-L30000U NL
	ELPLM14		2.1 - 2.4	3.41 - 5.12	±65%	±30%	
	ELPLL09		2.1 - 2.5	4.79 - 7.20	±55%	±25%	
	ELPLL10		2.2 - 2.6	6.96 - 10.45	±55%	±25%	
	ELPLR05		2.2	0.60	±15%	±5%	

EB-L30000U NL

Dazzling Audiences with Vivid Visuals Every Night

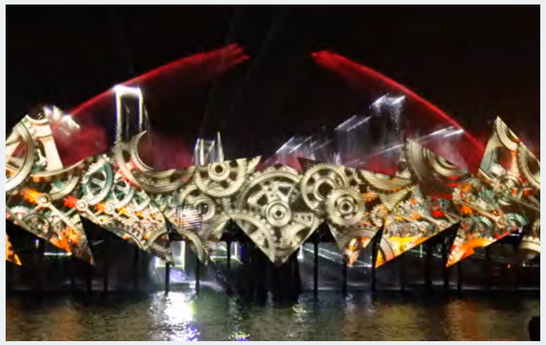
Wings of Time Fireworks Symphony @ Mount Faber Leisure, Singapore

Epson's high-resolution projectors play a crucial role in bringing the Wings of Time Fireworks Symphony's nightly spectacle to life.

Ensuring every guest is wowed by a show can be a tall order – but it's the entire business at Wings of Time Fireworks Symphony, an award-winning, multi-sensory night show operated by Mount Faber Leisure Group in Singapore. Taking the audience on a journey through both time and landscapes, Wings of Time weaves together contemporary storytelling, multimedia effects and fireworks to entertain and delight guests.

Occurring twice per night, Wings of Time Fireworks Symphony requires the projected images to fit within a specific backdrop – nine triangular panels – and to blend seamlessly with lasers, water fountains and fireworks. To ensure the show is always a success, the team uses the Epson EB-PU2216B projector, which features 3LCD technology and 4K enhancement to deliver colour uniformity and detailed projection mapping, resulting in vivid, high-resolution imagery at every show.

"Epson's projectors display minute details, provide accurate colour reproduction, and are easy to maintain, contributing to an audience experience that is always captivating and immersive." Said Alex Chee, Deputy Manager, Attractions Operations at Mount Faber Leisure Group.



"Epson provides an enhanced visual display that immerses the audience in the storyline and special effects, making the show more engaging and memorable for all guests."

Alex Chee
Deputy Manager,
Attractions Operations at Mount Faber Leisure Group

A Sumptuous Visual Spectacle Brought to Life with Laser Projectors

Matsumoto Castle ⌂ Matsumoto, Japan

Epson's laser projectors enhanced Matsumoto Castle's annual winter event, delivering vibrant colours and intricate details through stunning projection mapping.

A national treasure, Matsumoto Castle is one of the oldest remaining five-storey castles in Japan – but attracting visitors during the winter months was a challenge. To entice people to visit, the tourism board commissioned three breathtaking, nine-minute digital art installations that transformed the castle into visual art for an annual, two-month winter event celebrating Japan's rich history and culture.

In 2023, the team sought to improve the quality of the event and offer a more spectacular experience compared to the previous year. Due to venue restrictions, they also needed compact projectors with a small footprint. Epson's EB-PU2220B high-brightness projectors fit all of their requirements, offering stunning projection mapping across a wider area of the castle, as well as vivid, stable, and high-resolution imagery.

"Epson's projectors have an extremely high level of brilliance," said Takeaki Higashiyama, the CEO of Hitohata Inc. "I think the most impressive features are the sheer brightness, the vivid colours, and the sharp contrasts."

"Epson's spectacular projection mapping and support worked exactly as advertised. We've had over 150,000 visitors, a considerably higher number than the prior year. Visitors showed a very high level of satisfaction, and remarked on how the projections were easier to see and understand compared to other years."

Yuta Tsujimoto
Director of the Tourism Promotion Section for Matsumoto City Culture and Tourism Department

CASE STUDIES

Elevating Fine-Dining Experiences with Stunning Visual Art in Thailand

Midwinter ⌂ Khao Yai, Thailand

Epson's laser projectors deliver vibrant and captivating projection mapping on architecture at Midwinter restaurant

Nestled in Khao Yai, Thailand, Midwinter is a farm-to-table fine-dining restaurant with standards that extend beyond the food – providing each guest with a captivating experience from the moment they step onto the property. To enhance and elevate this experience, Midwinter commissioned an artist to create a large-scale video to be projected onto the façade of the building. However, the projector they were using had a short service life, and the picture quality failed to meet the team's expectations.

"The equipment we use influences the end result of the artist's work – I wanted the best model available," said Jack Sathaporn Tiyavacharapong, Founder and Managing Director of Midwinter. "The Epson EB-PU2010B laser projector solved all the problems we were facing. We only needed two projectors to map the whole area evenly."

With vibrant and sharp imagery from the laser light source, projection mapping, hassle-free maintenance and lower power consumption, Epson's laser printers help bring Midwinter's artistic vision to life.

"We are one of very few in Thailand who use 3-D projection mapping on architecture. It makes us stand out from our competitors, and helps us realise our goal of making Midwinter a place where anyone who visits takes home great memories."

Jack Sathaporn Tiyavacharapong
Founder and Managing Director of Midwinter

SPECIFICATIONS

MODEL NUMBER		EB-PU1006W	EB-PU1007W	EB-PU1008B
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.76" (C2 Fine)		
	Resolution	WUXGA (Support 4K Enhancement)		
	Aspect Ratio	16:10		
Projection Lens	Type	Power Zoom, Power Focus		
	F-Number	1.7 – 2.3		
	Focal Length	24 – 38.2 mm		
	Zoom Ratio	1.0 - 1.60		
	Throw Ratio	1.44 – 2.32 (Wide – Tele) Using Middle Throw Zoom Lens		
	Lens Shift	Vertical: ±67% (Powered) Using Middle Throw Zoom Lens Horizontal: ±30% (Powered) Using Middle Throw Zoom Lens		
Lightsource	Type	Laser Diode		
	Life	20,000 hours (Normal) / 30,000 hours (Extended)		
Screen Size (Projected Distance)				
Zoom: Wide		50" – 1,000" [1.53 – 31.57 m]		
Zoom: Tele		50" – 1,000" [2.48 - 50.44 m]		
Brightness[*1]				
White Light Output (Normal / Eco)		6,000 lm / 4,200 lm	7,000 lm / 4,900 lm	8,500 lm / 5,950 lm
Colour Light Output		6,000 lm	7,000 lm	8,500 lm
Light Output (Center)[*2]		6,500 lm	7,500 lm	9,200 lm
Contrast Ratio		Over 5,000,000:1		
Geometric Correction				
Projection Orientation		360º Free		
Vertical / Horizontal Keystone		±45° / ±30° with Middle Throw Zoom Lens		
Connectivity				
Analog RGB Input	D-Sub 15Pin	1		
Digital Input	HDMI	1 (HDCP 2.3)		
	DVI-D	1 (HDCP 1.4)		
	HDBaseT	1 (HDCP 2.3)		
USB Input	USB Type A	2 (Port1 for 5V/2A Power Supply, ELPEC01, SMF1, Firmware Update, Copy OSD Settings, Content Playback ; Port2 for 5V/900mA Power Supply, Wireless LAN, Firmware Update, Copy OSD Settings, Content Playback)		
	USB Type B	1 (For Firmware Update, Copy OSD Settings)		
Control I/O	RS-232C	1 (D-Sub 9pin)		
	Remote	1		
Audio Output	Stereo Mini	1		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless	Optional (ELPAP11)		
Wireless Specification (Using Optional Wireless LAN)				
Supported Speed for Each mode		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps*3, IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3 Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3		
Supported Mode		Infrastructure, Access Point (Wi-Fi Direct)		
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK (AES)		
Operating Temperature				
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> High Altitude (Over 2,286m/7,500ft): 0 - 40 °C <32 - 104 °F> 20% - 80% Humidity, No Condensation		
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)		
Direct Power On / Off		Yes		
Start-Up Period		Less than 7 seconds (Epson Logo); Warm-up Period: 30 seconds		
Quick Start-Up		Less than 7 seconds (Display)		
Cool Down Period		Instant Off		
Air Filter	Type	Electrostatic Filter		
	Maintenance Cycle*4	20,000 hours (Normal) / 30,000 hours (Extended)		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Laser Diode On	Normal	367 W	431 W	535 W
	Extended	310 W	366 W	452 W
Standby (Normal / Eco)		2.0 W / 0.5 W		
Dimension Excluding Feet (D X W X H)		436 x 545 x 164 mm		
Weight		Approx. 15.4kg	16.3kg	
Fan Noise (Normal / Medium / Eco)		30dB / 29dB / 28dB	33dB / 31dB / 29dB	35dB / 34dB / 30dB

*1 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.
*2 This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
*3 These modes and actual data throughputs depend on supported wireless mode of source devices and/or environment conditions.
*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.

Supplied Accessories
Power Cable: 3m
Remote Control: Yes, with Alkaline AA Battery
Cable cover
Lens Connector Cap
User Guide

Optional Accessories
Air Filter: ELPAF46
External Air Filter: ELPAP63
External Camera: ELPEC01
Wireless LAN unit: ELPAP11
Ceiling Mount: ELPMB67
Extension Pole: ELPFP15*

*Can be fitted with ELPMB67 mount for high ceiling applications.

Optional Lenses
Ultra Short Throw Lens: ELPLX01S or ELPLX01WS (White)
Short Throw Lens: ELPLU03S / ELPLU04
Wide Zoom Lens: ELPLW05 / ELPLW06 / ELPLW08
Middle Throw Zoom lens: ELPLM08 / ELPLM10 / ELPLM11 / ELPLM15
Long Throw Zoom Lens: ELPLL08

EB-PU1006W/PU1007W/PU1008B

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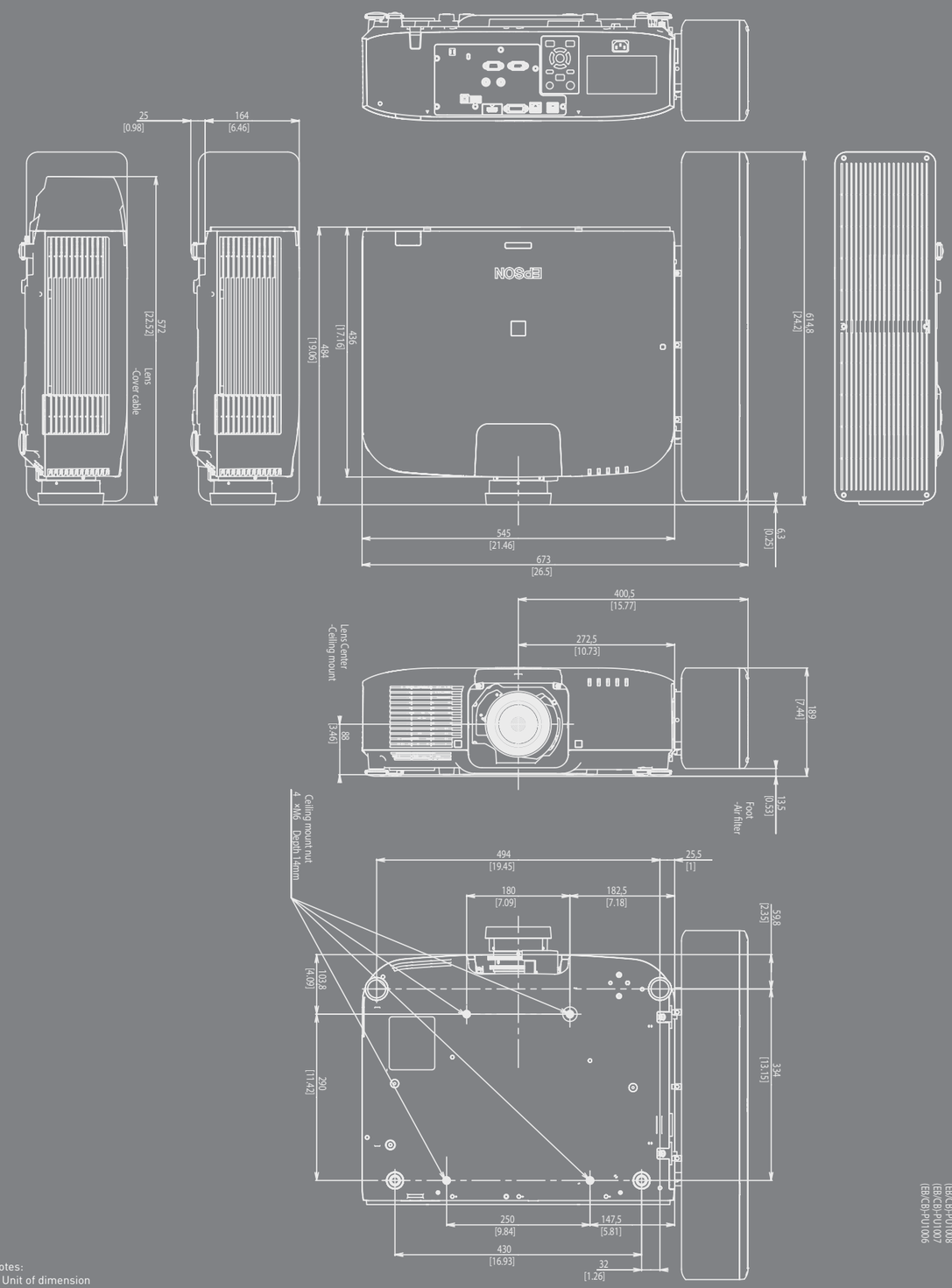
Dealer's Stamp

Information correct at time of printing.
Printed August 2025

DIMENSIONS

EB-PU1006W / PU1007W / PU1008B



Notes:
- Unit of dimension
  Upper: mm
  Lower: inch
- Lens: ELPLM08

EB/CB-PU1008
EB/CB-PU1007
EB/CB-PU1006

SPECIFICATIONS

MODEL NUMBER		EB-PU2010B
Projection Technology		RGB liquid crystal shutter projection system (3LCD)
Specifications of Main Parts		
LCD	Size	1.0" (C2 Fine)
	Resolution	WUXGA (Support 4K Enhancement)
	Aspect Ratio	16:10
Projection Lens	Type	Power Zoom, Power Focus
	F-Number	1.8 – 2.3
	Focal Length	36 – 57.4 mm
	Zoom Ratio	1.0 - 1.60
	Throw Ratio	1.57 – 2.56 (Wide – Tele) Using Middle Throw Zoom Lens
	Lens Shift	Vertical: ±60% (Powered) Using Middle Throw Zoom Lens Horizontal: ±18% (Powered) Using Middle Throw Zoom Lens
Lightsource	Type	Laser Diode
	Life	20,000 hours (Normal) / 30,000 hours (Extended)
Screen Size (Projected Distance)		
Zoom: Wide		60" – 1,000" [1.99 – 34.43 m]
Zoom: Tele		60" – 1,000" [3.26 - 55.63 m]
Brightness[*1]		
White Light Output (Normal / Eco)		10,000 lm / 7,000 lm
Colour Light Output		10,000 lm
Light Output (Center)[*2]		10,300 lm
Contrast Ratio		Over 5,000,000:1
Geometric Correction		
Projection Orientation		360° Free
Vertical / Horizontal Keystone		±45° / ±30° with Middle Throw Zoom Lens
Connectivity		
Analog RGB Input	D-Sub 15Pin	1
Digital Input	SDI (SD/HD/3G-SDI)	1 (BNC)
	HDMI	1 (HDCP 2.3)
	DVI-D	1 (HDCP 1.4)
	HDBaseT	1 (HDCP 2.3)
USB Input	USB Type A	2 (Port1 for 5V/2A Power Supply, ELPEC01, SMF1, Firmware Update, Copy OSD Settings, Content Playback ; Port2 for 5V/900mA Power Supply, Wireless LAN, Firmware Update, Copy OSD Settings, Content Playback)
	USB Type B	1 (For Firmware Update, Copy OSD Settings)
Control I/O	RS-232C	1 (D-Sub 9pin)
	Remote	Stereo Mini x 1
Digital Output	SDI (SD/HD/3G-SDI)	1 (BNC)
Audio Output	Stereo Mini	1
Network	Wired LAN	RJ45 x 1 (100Mbps)
	Wireless	Optional (ELPAP11)
Wireless Specification (Optional Wireless LAN)		
Supported Speed for Each mode		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps*3, IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3 Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3
Supported Mode		Infrastructure, Access Point (Wi-Fi Direct)
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK (AES)
Operating Temperature		
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 50 °C <32 - 122 °F> High Altitude (Over 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> 20% - 80% Humidity, No Condensation
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)
Direct Power On / Off		Yes
Start-Up Period		Less than 7 seconds (Epson Logo); Warm-up Period: 30 seconds
Quick Start-Up		Less than 7 seconds (Display)
Cool Down Period		Instant Off
Air Filter	Type	Electrostatic Filter
	Maintenance Cycle*4	20,000 hours (Normal) / 30,000 hours (Extended)
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)		
Laser Diode On	Normal	535 W
	Extended	452 W
Standby (Normal / Eco)		2.0 W / 0.5 W
Dimension Excluding Feet (D X W X H)		436 x 545 x 164 mm
Weight		Approx. 16.8kg
Fan Noise (Normal / Medium / Eco)		37dB / 34dB / 30dB

*1 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.
*2 This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
*3 These modes and actual data throughputs depend on supported wireless mode of source devices and/or environment conditions.
*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.

Supplied Accessories
Power Cable: 3m
Remote Control: Yes, with Alkaline AA Battery
Cable cover
Lens Connector Cap
User Guide

Optional Accessories
Air Filter: ELPAF46
External Air Filter: ELPAP63
External Camera: ELPEC01
Wireless LAN unit: ELPAP11
Ceiling Mount: ELPMB67
Extension Pole: ELPFP15*

*Can be fitted with ELPMB67 mount for high ceiling applications.

Optional Lenses
Ultra Short Throw Lens: ELPLX02S
Short Throw Lens: ELPLU03S / ELPLU04
Wide Zoom Lens: ELPLW05 / ELPLW06 / ELPLW08
Middle Throw Zoom Lens: ELPLM10 / ELPLM11 / ELPLM15
Long Throw Zoom Lens: ELPLL08

EB-PU2010B

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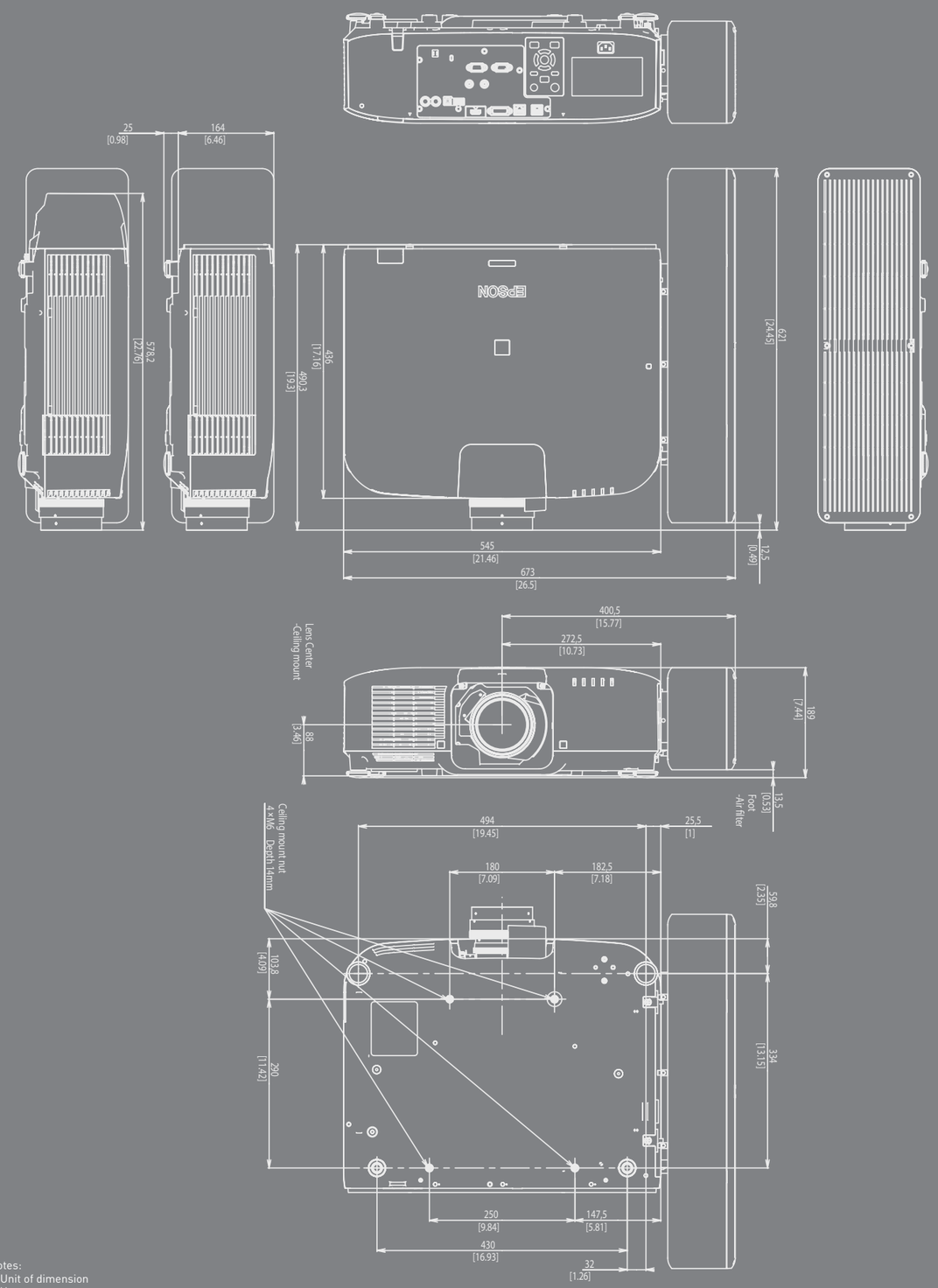
DIMENSIONS

EB-PU2010B



Notes:
- Unit of dimension
  Upper: mm
  Lower: inch
- Lens: ELPLM15

(EB-CB-PU2010)

SPECIFICATIONS

MODEL NUMBER		EB-PU2213B	EB-PU2216B	EB-PU2220B
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	1.03" (C2 Fine)		
	Native Resolution	WUXGA (Support 4k Enhancement)		
	Refresh Rate	192 – 240 Hz		
Lightsource	Type	Laser Diode		
	Life	20,000 hours (Normal) / 30,000 hours (Extended)		
Projection Lens	Type	Power Zoom / Power Focus		
	F-Number	1.8 - 2.3		
	Focal Length	36.0 - 57.40 mm		
	Zoom Ratio	1 - 1.6		
	Throw Ratio	1.57 - 2.56 (Wide to Tele) Using Middle Throw Zoom Lens		
	Lens Exchange	Yes		
	Lens Shift	Vertical: ±60% (Powered) Using Middle Throw Zoom Lens Horizontal: ±18% (Powered) Using Middle Throw Zoom Lens		
Screen Size (Projected Distance)				
Zoom: Wide		60" - 1,000" [1.99 - 34.43 m]		
Zoom: Tele		60" - 1,000" [3.26 - 55.63 m]		
Brightness[*1]				
White Light Output (Normal / Eco)		13,000 lm / 9,100 lm	16,000 lm / 11,200 lm	20,000 lm / 14,000 lm
Colour Light Output		13,000 lm	16,000 lm	20,000 lm
Light Output (Center)[*2]		13,700 lm	16,900 lm	21,100 lm
Contrast Ratio		Over 5,000,000:1		
Geometric Correction				
Vertical / Horizontal Keystone		±45° / ±30° (Zoom: Tele) with Middle Throw Zoom Lens		
Quick Corner		Yes		
Curve Surface		Yes		
Point Correction		Yes		
Corner Wall		Yes		
Geometry Correction Memory		Yes		
Connectivity				
Analog Input	D-Sub 15Pin	1 (Blue)		
Digital Input	DVI-D	1 (HDCP 1.4)		
	HDMI	1 (HDCP 2.3)		
	BNC (SD/HD/3G-SDI)	1		
	HDBaseT (RX)	1 (HDCP 2.3)		
Output Terminal	BNC (SD/HD/3G-SDI)	1		
Audio Output	Stereo Mini Jack	1		
Others	USB Type A	2 (For ELPEC01, SMF1, Firmware Update, Copy OSD settings or 5V/2A Power Supply, Content Playback)		
	USB Type B	1 (For Firmware Update, Copy OSD Settings)		
Control I/O	RS-232C	1 (D-Sub 9pin)		
	Remote	1 (Stereo Mini)		
Network	Wired LAN	RJ45 x 1		
	Wireless	Optional (ELPAP11)		
Wireless Specification (Optional Wireless LAN)				
Supported Speed For Each Mode		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps[*3] / IEEE 802.11g (2.4GHz): 54 Mbps[*3] / IEEE 802.11n (2.4GHz): 72.2 Mbps[*3] / IEEE 802.11a (5GHz): 54 Mbps[*3] / IEEE 802.11n (5GHz): 150.0 Mbps[*3] Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps[*3] / IEEE 802.11n (2.4GHz): 72.2 Mbps[*3] / IEEE 802.11a (5GHz): 54 Mbps[*3] / IEEE 802.11n (5GHz): 150.0 Mbps[*3]		
Wireless LAN Security		Infrastructure: OPEN, WPA2/WPA3-PSK, WPA2/WPA3-EAP Supported EAP type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK(AES)		
Operating Temperature				
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 50 °C <32 - 122 °F> High Altitude (Over 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> 20% - 80% Humidity, No Condensation		
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		Less than 8 seconds (Epson Logo); Warm-up Period: 20 seconds		
Quick Start-Up		Less than 7 seconds (Display)		
Cool Down Period		Instant Off		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Laser Diode (Normal / Extended)		864W / 633W	1083W / 773W	1301W / 899W
Standby (Network / Energy Saving)		2.0W / 0.4W		
Dimension Excluding Feet (D X W X H)		492 x 586 x 185 mm		
Weight		Approx. 23.7kg	Approx. 24.2kg	Approx. 24.4kg
Fan Noise (Normal / Quiet)		34dB / 29dB	38dB / 34dB	45dB / 37dB

[*1] 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.
[*2] This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
[*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: 3m
Remote Control with 2 x AA Battery
Cable Cover
User's Manual

Optional Accessories
External Camera: ELPEC01
Remote Control Cable Set (10m x 2): ELPKC28
Wireless LAN Unit: ELPAP11
Ceiling Mount: ELPMB67 / ELPMB47 / ELPMB48

Optional Lenses
Ultra Short Throw Lens: ELPLX02S
Short Throw Lens: ELPLU03S / ELPLU04
Wide Throw Lens: ELPLW06 / ELPLW08 / ELPLW05
Middle Throw Zoom Lens: ELPLM10 / ELPLM11 / ELPLM15 / ELPLM08
Long Throw Lens: ELPLL08

EB-PU2213B / EB-PU2216B / EB-PU2220B

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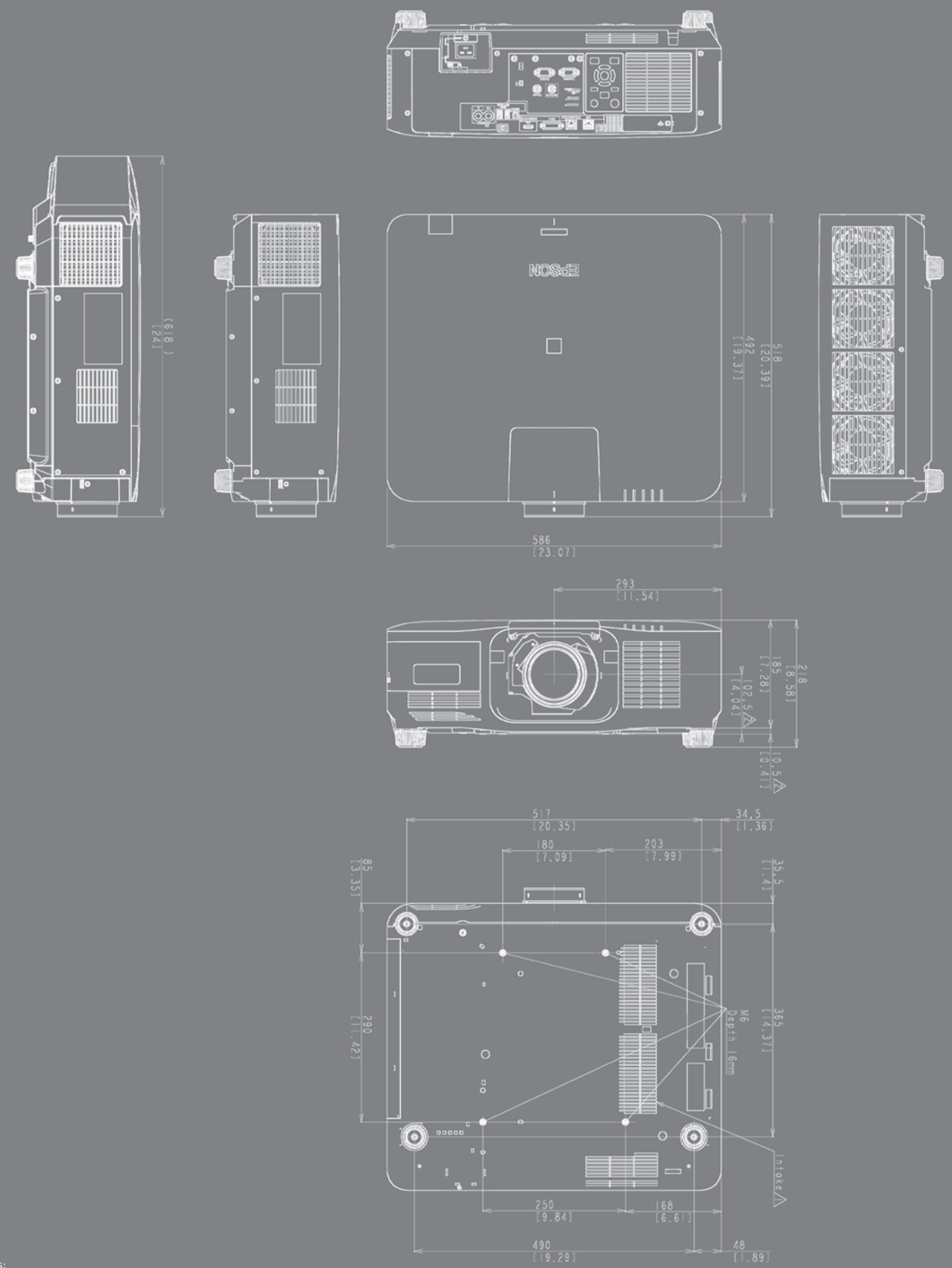
DIMENSIONS

EB-PU2200 SERIES



Notes:
- Unit of dimension
  Upper: mm
  Lower: inch
- Lens: ELPLM15

SPECIFICATIONS

MODEL NUMBER		EB-PQ2008B	EB-PQ2010B
SKU Code		V11HB01880	V11HB02880
Projection Technology		RGB liquid crystal shutter projection system (3LCD)	
Specifications of Main Parts			
LCD	Size	1.04" wide panel with DMLA (C2 Fine, 12 bit, OD)	
	Native Resolution	1080p with 4K Crystal Motion (1920 x1080 x 4)	
	Resolution On Screen	4K UHD (3840 x2160)	
	Aspect Ratio	16:9	
Projection Lens	Type	Power Zoom, Power Focus	
	F-Number	1.8 – 2.3	
	Focal Length	36.0– 57.3 mm	
	Zoom Ratio	1.0 - 1.61	
	Throw Ratio	1.52 – 2.47 Using Middle Throw Zoom Lens	
	Lens Shift	Vertical: ±64% (Powered) Using Middle Throw Zoom Lens Horizontal: ±16% (Powered) Using Middle Throw Zoom Lens	
Lightsource	Type	Laser Diode	
	Life (Normal / Extended)	20,000 hours / 30,000 hours	
Screen Size (Projected Distance)			
Zoom: Wide		60" – 1,000" [1.98 – 34.19 m]	
Zoom: Tele		60" – 1,000" [3.24 - 55.28 m]	
Brightness[*1]			
White Light Output (Normal / Eco)		8,000 lm / 5,600 lm	10,000 lm / 7,000 lm
Colour Light Output		8,000 lm	10,000 lm
Light Output (Center)[*2]		8,400 lm	10,600 lm
Contrast Ratio		Over 5,000,000:1	
Geometric Correction			
Projection Orientation		360° Free	
Vertical / Horizontal Keystone		±45° / ±30° with Middle Throw Zoom Lens	
Connectivity			
Digital Input	SDI (SD/HD/3G-SDI)	N/A	1 (BNC)
	HDMI	2 (HDCP 2.3)	
	HDBaseT	1 (HDCP 2.3)	
USB Input	USB Type A	2 (Port 1: For wireless LAN, SMF1, Firmware update, Copy OSD Setting, 5V/900mA Power supply / Content Playback; Port2: For ELPEC01, SMF1, Firmware update, Copy OSD Setting, 5V/900mA Power supply / Content Playback)	
	USB Type B	1 (For Firmware Update, Copy OSD Settings)	
Control I/O	RS-232C	1 (D-Sub 9pin)	
	Remote	Stereo Mini x 1	
Digital Output	SDI (SD/HD/3G/12G-SDI)	N/A	1 (BNC)
	HDMI Out	1 (HDCP2.3)	
Audio Output	Stereo Mini	1	
Network	Wired LAN	RJ45 x 1 (100Mbps)	
	Wireless LAN	Optional (ELPAP11)	
Wireless Specification (Optional Wireless LAN)			
Supported Speed for Each mode		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps*3, IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3 Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps*3, IEEE 802.11n (2.4GHz): 72.2 Mbps*3, IEEE 802.11a (5GHz): 54 Mbps*3, IEEE 802.11n (5GHz): 150 Mbps*3	
Supported Mode		Infrastructure, Access Point (Wi-Fi Direct)	
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK (AES)	
Operating Temperature			
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 50 °C <32 - 122 °F> High Altitude (Over 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> 20% - 80% Humidity, No Condensation	
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)	
Direct Power On / Off		Yes	
Start-Up Period		Less than 9 seconds (Epson Logo); Warm-up Period: 20 seconds	
Quick Start-Up		Less than 9 seconds (Display)	
Cool Down Period		Instant Off	
Air Filter	Type	Electrostatic Filter	
	Maintenance Cycle*4	20,000 hours (Normal) / 30,000 hours (Extended)	
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220 - 240V)			
Laser Diode On	Normal	502 W	613 W
	Extended	410 W	483 W
Standby (Normal / Eco)		2.0 W / 0.5 W	
Dimension Excluding Feet (W x D x H)		545 x 436 x 164 mm	
Weight		Approx. 18.6kg	Approx. 18.8kg
Fan Noise (Normal / Eco)		35dB / 29dB	39dB / 29dB

*1 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.
*2 This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
*3 These modes and actual data throughputs depend on supported wireless mode of source devices and/or environment conditions.
*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.

Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
Cable cover
User Guide

Optional Accessories
Air Filter: ELPAF46
External Air filter: ELPAF63
External Camera: ELPEC01
Wireless LAN unit: ELPAP11
Ceiling Mount: ELPMB67, ELPMB47, ELPMB48
Suspension Adapter: ELPFP15

Optional Lenses
Ultra Short Throw Lens:
ELPLX02S
Zoom Lens:
ELPLU03S, ELPLU04, ELPLW05, ELPLW06, ELPLW08, ELPLM08, ELPLM10, ELPLM11, ELPLM15, ELPLL08

EB-PQ2008B

EB-PQ2010B

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DIMENSIONS

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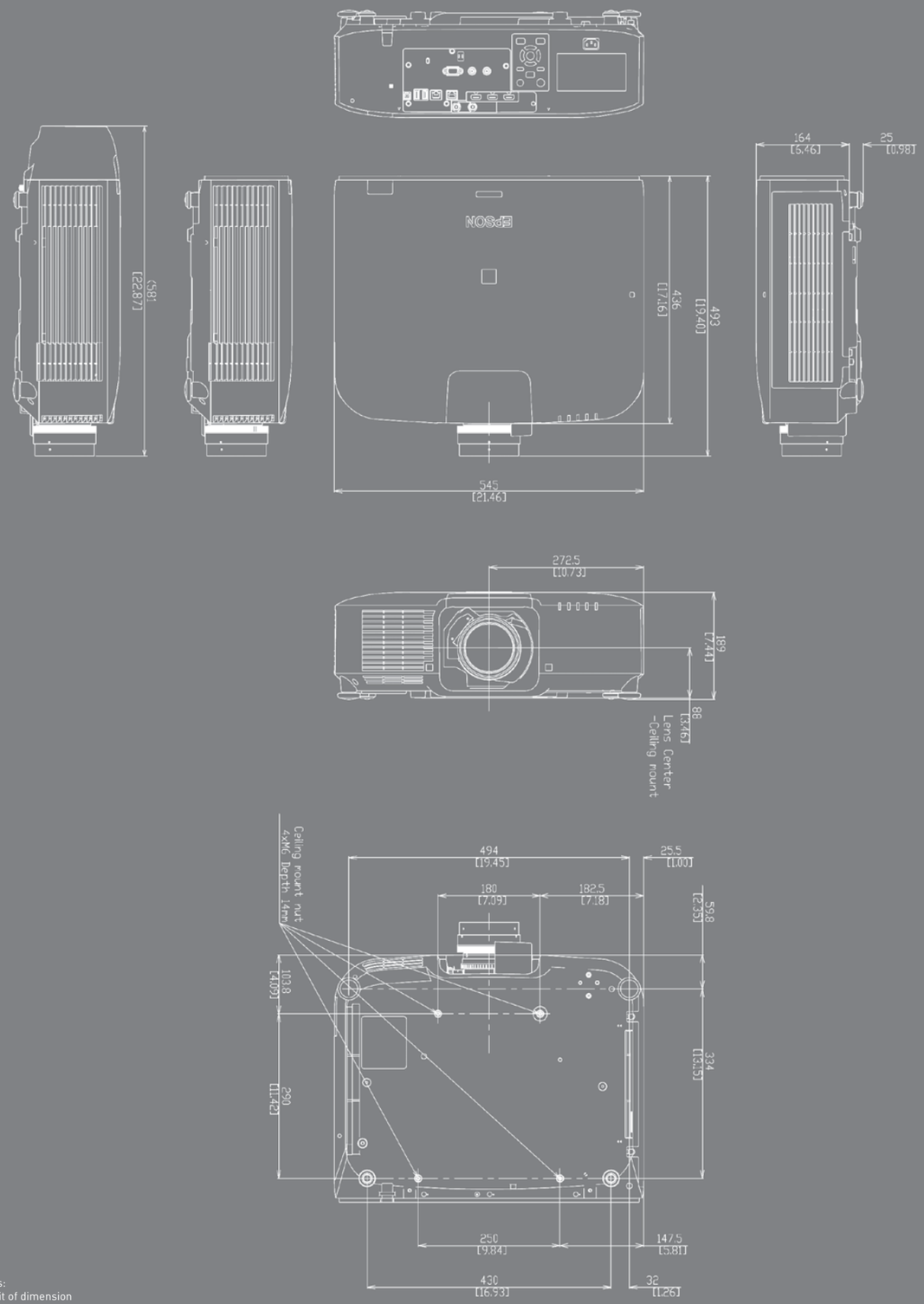

Notes:
- Unit of dimension
  Upper: mm
  Lower: inch
- Lens: ELPLM15

SPECIFICATIONS

MODEL NUMBER		EB-PQ2213B	EB-PQ2216B	EB-PQ2220B
SKU Code		V11HB03880	V11HB04880	V11HB05880
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	1.04" wide panel with DMLA (C2 Fine, 12 bit, OD)		
	Native Resolution	1080p with 4K Crystal Motion (1920 x1080 x 4)		
	Resolution On Screen	4K UHD (3840 x2160)		
	Aspect Ratio	16:9		
Projection Lens	Type	Power Zoom, Power Focus		
	F-Number	1.8 – 2.3		
	Focal Length	36.0– 57.3 mm		
	Zoom Ratio	1.0 - 1.61		
	Throw Ratio	1.52 – 2.47 Using Middle Throw Zoom Lens		
	Lens Shift	Vertical: ±64% (Powered) Using Middle Throw Zoom Lens Horizontal: ±16% (Powered) Using Middle Throw Zoom Lens		
Lightsource	Type	Laser Diode		
	Life (Normal / Extended)	20,000 hours / 30,000 hours		
Screen Size (Projected Distance)				
Zoom: Wide		60" – 1,000" [1.98 – 34.19 m]		
Zoom: Tele		60" – 1,000" [3.24 - 55.28 m]		
Brightness[*1]				
White Light Output (Normal / Eco)		13,000 lm / 9,100 lm	16,000 lm / 11,200 lm	20,000 lm / 14,000 lm
Colour Light Output		13,000 lm	16,000 lm	20,000 lm
Light Output (Center)[*2]		13,800 lm	17,000 lm	21,300 lm
Contrast Ratio		Over 5,000,000:1		
Geometric Correction				
Projection Orientation		360° Free		
Vertical / Horizontal Keystone		±45° / ±30° with Middle Throw Zoom Lens		
Connectivity				
Digital Input	SDI (SD/HD/3G/12G-SDI)	1 (BNC)		
	HDMI	2 (HDCP 2.3)		
	HDBaseT	1 (HDCP 2.3)		
USB Input	USB Type A	2 (Port 1: For wireless LAN, SMF1, Firmware update, Copy OSD Setting, 5V/900mA Power supply / Content Playback; Port2: For ELPEC01, SMF1, Firmware update, Copy OSD Setting, 5V/900mA Power supply / Content Playback)		
	USB Type B	1 (For Firmware Update, Copy OSD Settings)		
Control I/O	RS-232C	1 (D-Sub 9pin)		
	Remote	Stereo Mini x 1		
Digital Output	SDI (SD/HD/3G/12G-SDI)	1 (BNC)		
	HDMI Out	1 (HDCP2.3)		
Audio Output	Stereo Mini	1		
Network	Wired LAN	RJ45 x 1 (100Mbps)		
	Wireless LAN	Optional (ELPAP11)		
Wireless Specification (Optional Wireless LAN)				
Supported Speed for Each mode		Infrastructure: IEEE 802.11b (2.4GHz): 11 Mbps[*3], IEEE 802.11g (2.4GHz): 54 Mbps[*3], IEEE 802.11n (2.4GHz): 72.2 Mbps[*3], IEEE 802.11a (5GHz): 54 Mbps[*3], IEEE 802.11n (5GHz): 150 Mbps[*3] Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54 Mbps[*3], IEEE 802.11n (2.4GHz): 72.2 Mbps[*3], IEEE 802.11a (5GHz): 54 Mbps[*3], IEEE 802.11n (5GHz): 150 Mbps[*3]		
Supported Mode		Infrastructure, Access Point (Wi-Fi Direct)		
Supported Security Type		Infrastructure: Open, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast Access Point (Wi-Fi Direct): WPA2-PSK (AES)		
Operating Temperature				
Single Use		Low Altitude (0 - 2,286m/7,500ft): 0 - 50 °C <32 - 122 °F> High Altitude (Over 2,286m/7,500ft): 0 - 45 °C <32 - 113 °F> 20% - 80% Humidity, No Condensation		
Operating Altitude		Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)		
Direct Power On / Off		Yes		
Start-Up Period		Less than 9 seconds (Epson Logo); Warm-up Period: 20 seconds		
Quick Start-Up		Less than 9 seconds (Display)		
Cool Down Period		Instant Off		
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz		
Power Consumption (220 - 240V)				
Laser Diode On	Normal	925 W	1,114 W	1,431 W
	Extended	666 W	784 W	975 W
Standby (Normal / Eco)		2.0 W / 0.5 W		
Dimension Excluding Feet (W x D x H)		586 x 492 x 185 mm		
Weight		Approx. 28.8kg	Approx. 29.2kg	
Fan Noise (Normal / Eco)		37dB / 34dB (36dB when ELPLX02 lens is used)	44dB / 36dB	48dB / 39dB

[*1] 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.
[*2] This light output value is measured at the centre of the screen as a reference value. There is no official standard for light output (Centre) measurements and this measurement is made based on the method set by Epson.
[*3] These modes and actual data throughputs depend on supported wireless mode of source devices and/or environment conditions.

Supplied Accessories
Power Cable: 3m, 3 wire
Remote Control: Yes, with Alkaline AA Battery
Cable cover
User Guide

Optional Accessories
External Camera: ELPEC01
Wireless LAN unit: ELPAP11
Ceiling Mount: ELPMB67, ELPMB47, ELPMB48
Suspension Adapter: ELPFP15

Optional Lenses
Ultra Short Throw Lens:
ELPLX02S
Zoom Lens:
ELPLU03S, ELPLU04, ELPLW05,
ELPLW06, ELPLW08, ELPLM08, ELPLM10,
ELPLM11, ELPLM15, ELPLL08

EB-PQ2213B / EB-PQ2216B / EB-PQ2220B

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DIMENSIONS

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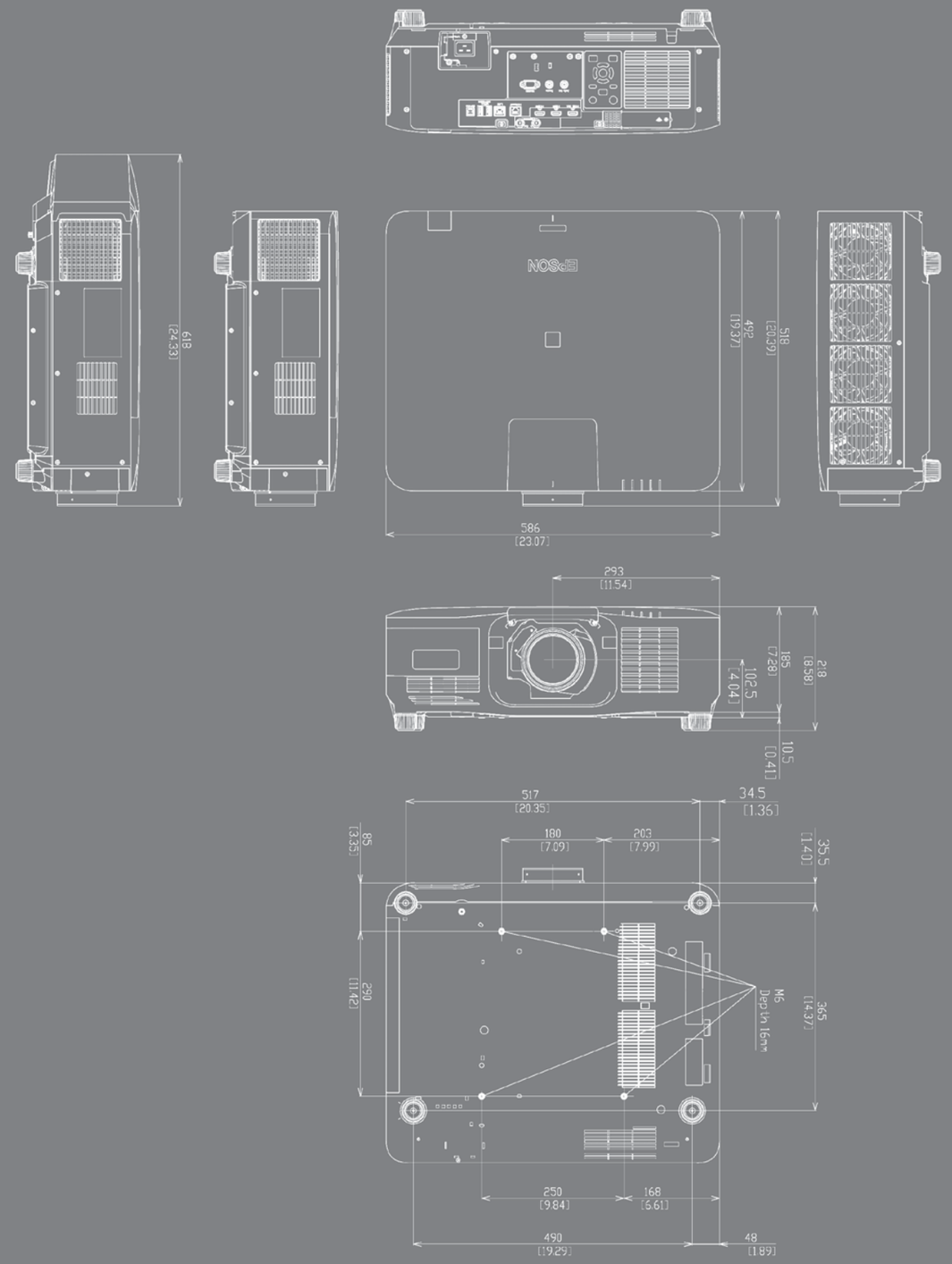

Notes:
- Unit of dimension
  Upper: mm
  Lower: inch
- Lens: ELPLM15

SPECIFICATIONS

MODEL NUMBER		EB-L30000UNL
Projection Technology		RGB liquid crystal shutter projection system (3LCD)
Specifications of Main Parts		
LCD	Size	1.43" (D8, C² Fine)
	Native Resolution	WUXGA (Support 4k Enhancement)
	Refresh Rate	200 – 240 Hz
Projection Lens		
Type		Power Zoom / Power Focus / Power Shift / Power Distortion
		(Rear Projection Wide Lens / Short Throw Zoom Lens only)
F-Number		1.9 – 2.1
Focal Length		54.7 – 73.0 mm
Zoom Ratio		1 – 1.35
Throw Ratio		1.74 – 2.35 (Wide - Tele) Using Middle Throw Zoom Lens
Lens Exchange		Yes
Lens Shift	Mode	Powered
	Vertical (Up/Down)	±65% Using Middle Throw Zoom lens
	Horizontal (Left/Right)	±30% Using Middle Throw Zoom lens
Lamp	Type	Laser Diode Bank
	Life (Normal / Eco)	20,000 / 30,000 hours
Screen Size (Projected Distance)		
Zoom: Wide		100" - 1,000" [3.68 - 37.94 m]
Zoom: Tele		100" - 1,000" [5.0 - 51.03 m]
Brightness[*1]		
White Light Output (Normal / Eco)		30,000 lm / 21,000 lm
Colour Light Output		30,000 lm
Light Output (Center)		32,300 lm
Contrast Ratio		Over 5,000,000:1
Geometric Correction		
Vertical / Horizontal Keystone		±45° / ±30° with Middle Throw Zoom Lens
Quick Corner		Yes
Curve Surface		Yes (Except when in 4K Enhancement mode)
Point Correction		Yes (Except when in 4K Enhancement mode)
Corner Wall		Yes (Except when in 4K Enhancement mode)
Geometry Correction Memory		Yes
Split Screen		Yes
Connectivity		
Analog Input	D-Sub 15Pin	1
	5BNC	1
Digital Input	HDMI	1 (HDCP 2.2)
	DVI-D	1 (Single Link, HDCP 1.4)
	HDBaseT	1 (HDCP 2.2)
	SDI (SD/HD/3G-SDI)	1
Analog Output	D-Sub 15Pin	1
Digital Output	SDI Out (SDI Loop-Through)	1 (BNC)
Others	USB Type A	1 (Optional Wireless LAN, Firmware Update, Copy OSD Settings)
	USB Type B	1 (Firmware Update, Copy OSD Settings)
Control I/O	RS-232C	1
	Remote	1 (Stereo Mini)
Network	Wired LAN	RJ-45 x 1 [Compliant with Control I/O (Art-Net)]
	Wireless	Optional (ELPAP11)
Wireless Specification (Optional Wireless LAN)		
Supported Speed For Each Mode		IEEE 802.11b: 11Mbps[*2] IEEE 802.11g: 54Mbps[*2] IEEE 802.11n: 130Mbps[*2]
Wireless LAN Security		Quick Mode: OPEN, WPA2-PSK
		Advanced Mode: OPEN, WPA/WPA2-PSK, WPA-Enterprise
Operating Temperature		Low Altitude Mode: 0 - 50 °C <32 - 122 °F> (0m / 0ft - 2,286m / 7,500ft) High Altitude Mode: 0 - 40 °C <32 - 104 °F> (Over 2,286m / 7,500ft) (20% - 80% Humidity, No Condensation)
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		Less than 21 seconds, Warm-up period: 30 seconds
Cool Down Period		Instant Off
Air Filter	Type	High Efficiency Filter (with Smoke Filter function)
	Maintenance Cycle	20,000 hours[*3] (Normal) / 30,000 hours[*3] (Extended)
Power Supply Voltage		200 - 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)		
Laser On (Normal / Eco)		2325W / 1511W
Standby (Network On / Off)		2.5W / 0.5W
Dimension Excluding Feet, Lens and Handle (D X W X H)		710 x 790 x 299 mm
Weight (Exl. Handle and Lens)		63.8kg (Black model)
Fan Noise (Normal / Eco)		49dB / 41dB

[*1] 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.

[*2] 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.

[*3] 20,000H life for laser light source : Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environments. Replacement of parts other than the light source may be required in a shorter period.

Supplied Accessories
Power Cable: 3m
Remote Control with 2 x AA Battery
User's Manual
HDMI Cable Clamp

Optional Accessories
Air Filter: ELPAF52
Wireless LAN Unit: ELPAP11
Remote Control Cable Set (10m x 2): ELPKC28
Handle: ELPMB56

Optional Lenses
Ultra Short Throw Lens: ELPLX03
Rear Projection Wide Lens: ELPLR05
Short Throw Zoom Lens: ELPLU05
Wide Zoom Lens: ELPLW07
Middle Throw Zoom Lens: ELPLM12 / ELPLM13 / ELPLM14
Long Throw Zoom Lens: ELPLL09 / ELPLL10

EB-L30000UNL

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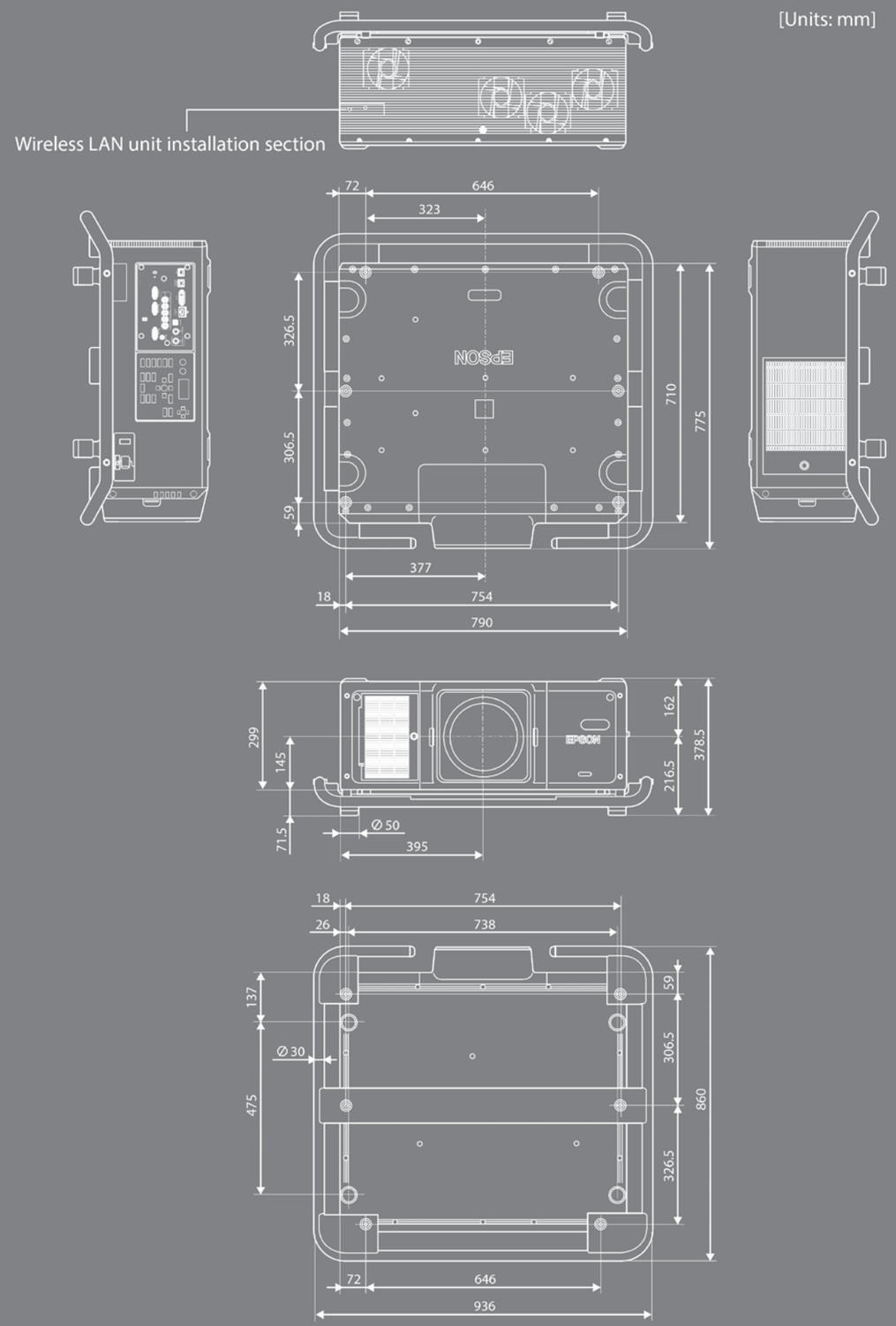
Dealer's Stamp

Information correct at time of printing.
Printed August 2025

DIMENSIONS

EB-L30000UNL

[Units: mm]



*The specifictaions are when lens unit ELPLM12 is installed.