

EPSON
EXCEED YOUR VISION

LEADING THE WAY IN HIGH BRIGHTNESS PROJECTION.

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 hours¹ maintenance free – giving users the capability to make a lasting impact on a powerful stage.

Find the details at www.epson.com.sg/highbrightness



IT'S IN THE DETAILS.



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¹ 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.

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

BEYOND FULL HD RESOLUTION

WUXGA WITH 

VENUES



Big Meeting Rooms / Lecture Rooms



EB-PU1006W 6,000 lm



EB-PU1007W 7,000 lm



EB-PU1008B 8,500 lm



EB-PU2010B 10,000 lm

Lecture Hall / Auditoriums / Digital Signages



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



EB-PU2213B 13,000 lm



EB-PU2216B 16,000 lm



EB-PU2220B 20,000 lm





Large Venues / Events



EB-L30000UNL 30,000 lm

TECHNICAL SPECIFICATIONS

LASER LIGHT SOURCE

	EB-PU1000 / 2010 Series	EB-PU2200 Series	EB-L30000UNL
			
Basic Specification	3LCD		
Technology	3LCD		
White Brightness ^{*1}	6,000lm - 10,000lm	13,000lm - 20,000lm	30,000lm
Colour Brightness ^{*1}	6,000lm - 10,000lm	13,000lm - 20,000lm	30,000lm
Contrast Ratio	> 2,500,000:1	> 2,500,000:1	> 2,500,000:1
Light Source	Laser Light Source	Laser Light Source	Laser Light Source
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)	9 Optional Lens	9 Optional Lens
HD BaseT	●	●	●
Lens Position Memory	●	●	●
Built-in Calibration Camera			●
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	●	●	●
4K Enhancement	●	●	●
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.

ULTRA LONG-LIFE.



Epson laser projectors. Enjoy up to 6.5 times the lifespan of a lamp.

When it comes to lasting performance and reliability, laser is lightyears ahead. With no lamp to replace, Epson laser projectors can operate for up to 20,000 hours with minimal maintenance. Combined with improved energy efficiency, this reduces the cost of ownership too, giving you dependable big-screen presentation without big budget demands.

See the range and make the change at epson.com.sg/laser-projectors



Scan the QR code to find out more



IT'S IN THE DETAILS.

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Unveil The True Colours

EPSON 3LCD PROJECTORS

1-CHIP PROJECTORS

True BRIGHTNESS

True COMFORT

True REALISM

Up to 3x
Brighter Colours

No Rainbow
Effect

3x Wider
Colour Gamut



WHITE 3000 LUMENS

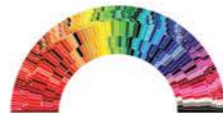
COLOUR 3000 LUMENS



LIGHT SOURCE



PRISM



WIDER COLOUR RANGE



WHITE 3000 LUMENS

COLOUR 430 LUMENS**



LIGHT SOURCE



ROTATING COLOUR WHEEL



SMALLER COLOUR RANGE

EPSON 3LCD PROJECTORS

1-CHIP PROJECTORS



Scan here to find out more



Efforts to mitigate environmental impacts in manufacturing



Toyoshina plant in Japan

Epson becomes the Manufacturing Industry's First¹ to Switch to 100% Renewable Electricity at all sites² in Japan.

In November 2021, we achieved 100% renewable electricity at all domestic sites², Shinshu Green Electricity, CO₂-free value-added electric power produced locally in Nagano Prefecture using Nagano Prefecture hydroelectric power. This is both reducing Epson's GHG emissions³ and increasing consumption of locally produced energy.

Assembled⁴ using 100% renewable electricity

Epson announced that its worldwide group sites² will all meet their electricity needs from 100% renewable energy sources (renewable electricity) by 2023. We have achieved 100% renewable energy at our projector's manufacturing site in the Philippines by generating power with a rooftop mega-solar power plant and by switching to a mix of geothermal and hydroelectric power in January 2021.



Epson Precision (Philippines), Inc.



Over 80% recycled cardboard packaging

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

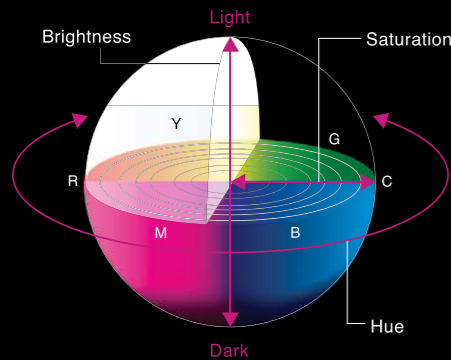
1 Among Japanese companies that have joined the RE100. Per Epson research as of October 27, 2021.
2 Excludes leased properties of some sales sites, etc.
3 GHG (Greenhouse Gas), GHG scope 1, 2, 3 emission
4 Products assembled in the Philippines.

Vibrant Colours. Greater Details.



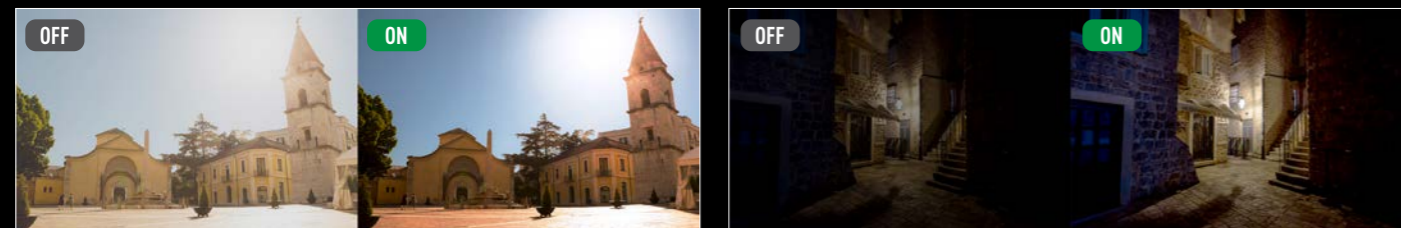
Advanced Colour Adjustment

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



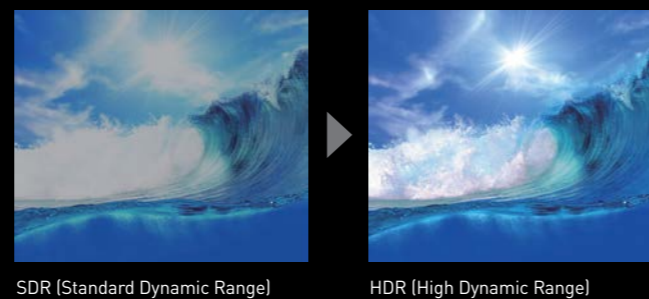
Scene Adaptive Gamma Correction Except for EB-L30000UNL

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.



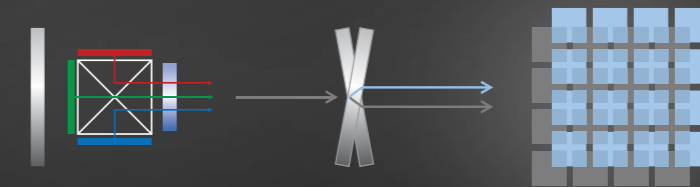
High Dynamic Range

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



High-definition Images with 4K Enhancement Technology

4K enhancement technology shifts each pixel diagonally by 0.5 pixels to double the resolution, surpassing Full HD image quality to give you unbelievable sharpness, clarity and details for all your presentations.



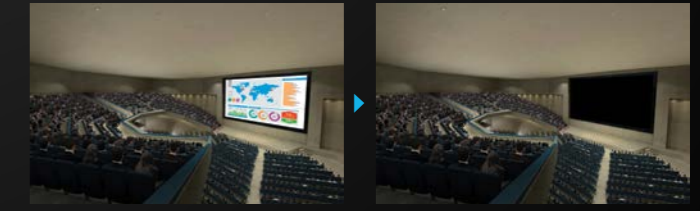
Brightest Show

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.



Absolute Black

Laser technology dims the light source in real time according to the input video signal to deliver absolute black colours during full-black scenes.



* Simulated images

Versatility in Projection and Placements

Simple Stacking Function

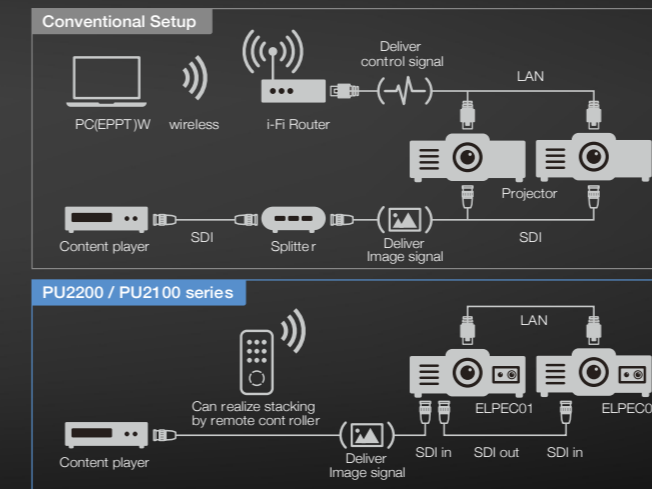
Stack easily with a remote controller from the OSD menu instead of the conventional PC, or wi-fi router. This process can also be achieved quickly using the daisy chain by SDI signal IN/OUT support^{*1}, reducing hassle and installation time. Alternatively, take advantage of the Auto Camera Assist for stacking^{*2} to reduce installation time to a mere five minutes without additional fuss.

^{*1} For EB-PU2010B and EB-PU2200B series. Requires HDMI splitter for EB-PU1000 series.

^{*2} Requires ELPEC01 external camera module for each projector.

ELPEC01 Optional Camera

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



Higher Reliability. Stunning Results.



Geometry Correction Assist for Tiling Function*

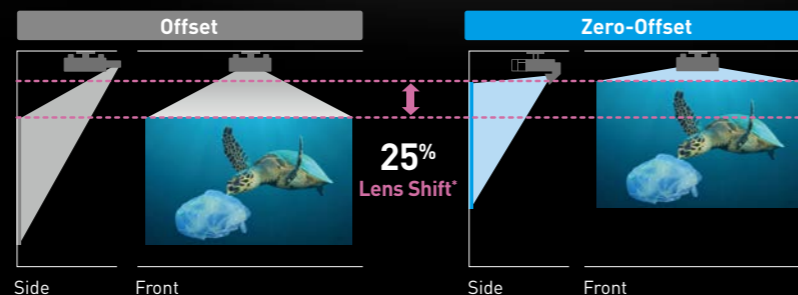
Take advantage of the Auto Tiling Assist function, which will allow you to showcase sharp and impressive supersized images with edge blending, mesmerising your audience with every projection. The function also corrects the image shape when projecting on a flat surface, enhancing the overall visual experience.

*Requires external camera module to function for EB-PU series.



Zero-Offset Ultra-Short-Throw Lenses

ELPLX Short Throw Lens with zero offset allows larger images to be projected in environments where only limited lens-to-screen distances are available. These features combine with lens shift to simplify usage where space is at a premium.



Wide Curved and Corner Surfaces Projection

Fit your projection images nicely even on non-flat surfaces. Now you can create stunning projection images on wide curved surfaces and corner walls, which is ideal for advertisements and marketing promotions.

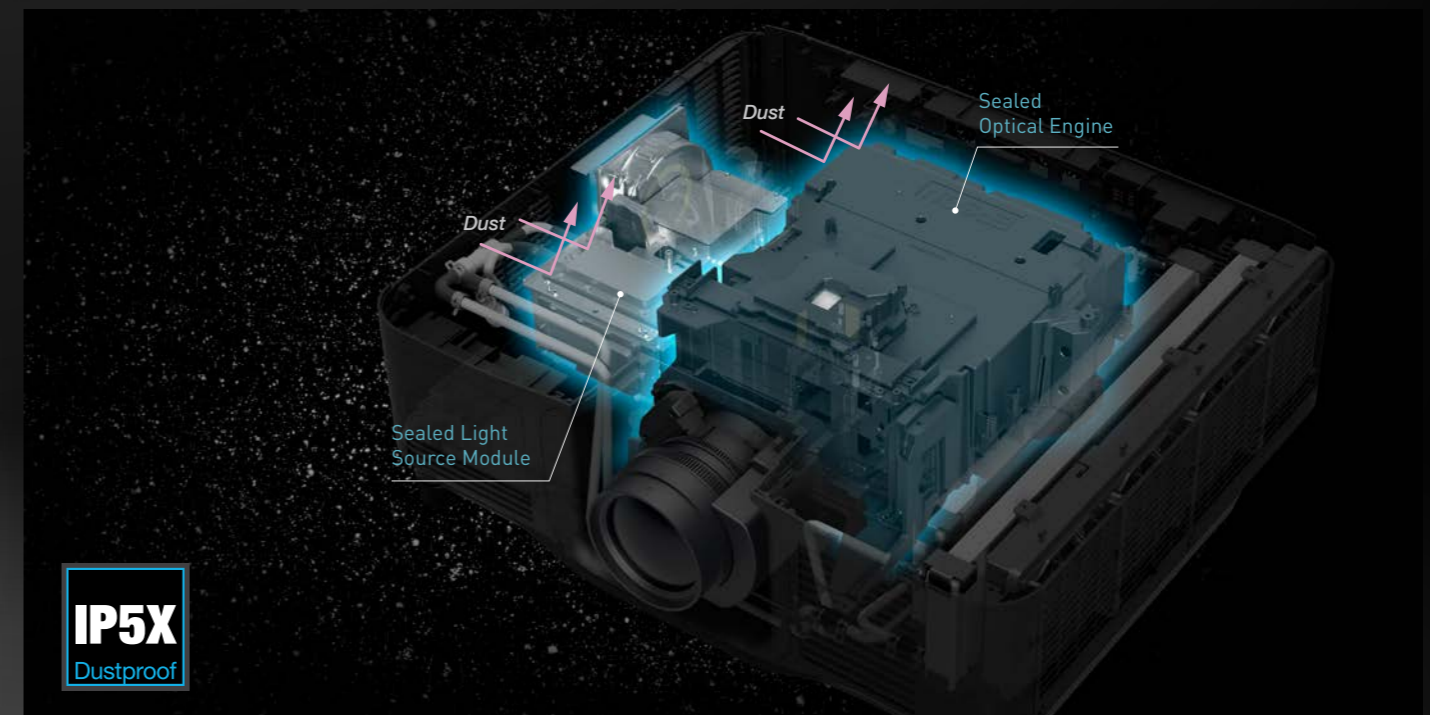


Point Correction

Correct single-projector distortion or multiple-projector misalignment directly on the screen. With this feature, images can be quickly fine-tuned by adjusting point by point from right to left, top to bottom, using a projected maximum 33 x 33 matrix.



Improved Durability For Better Maintenance



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

The EB-PU2200 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-PU2200 series is filter-free, eliminating the need for filter changes.

**Operation is not guaranteed in all environments. Use of an enclosure is recommended in environments where smoke containing oil, moisture, or salt is in use.

Fuss-free Connection. Efficient Management.



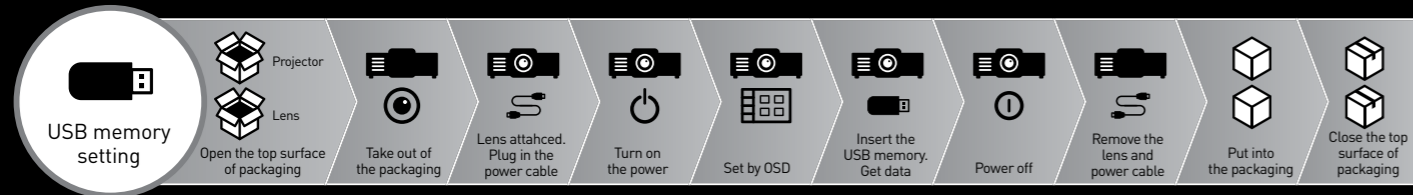
Epson Projector Config Tool for Easy Set Up

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.

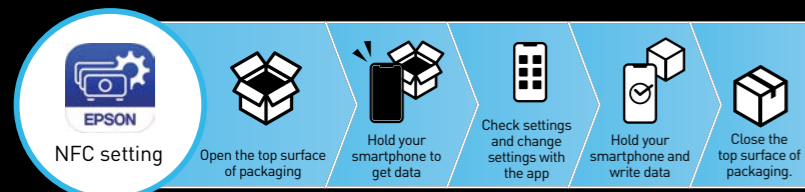


Comparison of setup time using USB memory method and Epson Projector Config Tool app in warehouse:

✗ 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 series.



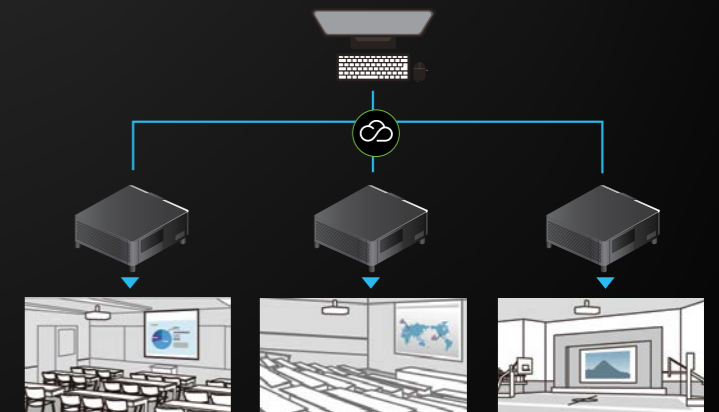
Epson Projector Professional Tool

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 Software

Reduce manpower needed by staying in control remotely with the Epson Projector Management Software. You can now check the status of all the projectors from one computer by connecting multiple Epson projectors to a network. The software also incorporates a message-broadcasting plug-in to send messages to Epson projectors over the network, and has the ability to power down all Epson projectors in the building after working hours.



Note: Some functions do not support Epson Professional Tool. Network connection is a requirement for use of Epson Professional Tool and Epson Projector Management 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 series requires ELPEC01 external camera module.

LENS SPECIFICATIONS

ULTRA SHORT THROW LENS

MODEL NUMBER	ELPLX01WS/ELPLX01S	ELPLX02S	ELPLX03
PRODUCT CODE	V12H004X0A / V12H004Y0A	V12H004X0B	
			
SPECIFICATION OF MAIN PARTS			
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	100" - 1000" Throw ratio 0.35	120" - 1000" Throw ratio 0.35
Lens Shift Range	Powered Vertical: +50% to +67% (H Center) Horizontal: -10% to 10% (Vertical +50%)	Powered Vertical: +45% to +70% (H Center) Horizontal: ±15% (V Center)	Powered Vertical: +45% to +70% (H Center) Horizontal: ±15% (V Center)

SHORT THROW LENS


MODEL NUMBER	ELPLU03S	ELPLU04	ELPLU05
PRODUCT CODE	V12H004U03	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 For 0.76" panel 80" - 1000" Throw ratio 0.65 - 0.78	PU2000 series For 1.03" panel 90" - 1000" Throw ratio 0.48 - 0.57	PU1000 series For 0.76" panel 50" - 1000" Throw ratio 0.87 - 1.05
Screen Size (Projected Distance)		PU2000 series For 1.03" panel 60" - 1000" Throw ratio 0.64 - 0.77	100" - 1000" Throw ratio 0.90 - 1.09
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±24% (H Center) Horizontal: ±10% (V Center) If input signal is 1080p, Powered Vertical: ±32% (H Center) Horizontal: ±10% (V Center)	Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center)



LENS SPECIFICATIONS

ZOOM LENS

MODEL NUMBER	ELPLW05	ELPLW06	ELPLW07
PRODUCT CODE	V12H004X0A / V12H004Y0A	V12H004X0B	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 For 0.76" panel 50" - 1000" Throw ratio 1.04 - 1.46	PU2000 series For 1.03" panel 60" - 1000" Throw ratio 0.77 - 1.07	PU1000 series For 0.76" panel 50" - 1000" Throw ratio 1.62 - 2.22
Screen Size (Projected Distance)		PU2000 series For 1.03" panel 60" - 1000" Throw ratio 1.19 - 1.62	100" - 1000" Throw ratio 1.29 - 1.76
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±24% (H Center) Horizontal: ±10% (V Center)	Powered Vertical: ±60% (H Center) Horizontal: ±18% (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 For 0.76" panel 50" - 1000" Throw ratio 1.18 - 1.66
Screen Size (Projected Distance)	PU2000 series For 1.03" panel 60" - 1000" Throw ratio 0.86 - 1.21
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)
Lens Shift Range	Powered Vertical: ±60% (H Center) Horizontal: ±18% (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)	50" - 1000" Throw ratio 1.44 - 2.32	PU1000 series For 0.76" panel 50" - 1000" Throw ratio 3.32 - 5.06	PU2000 series For 1.03" panel 60" - 1000" Throw ratio 2.42 - 3.71
Screen Size (Projected Distance)		PU1000 series For 0.76" panel 50" - 1000" Throw ratio 4.85 - 7.38	PU2000 series For 1.03" panel 60" - 1000" Throw ratio 3.54 - 5.41
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±60% (H Center) Horizontal: ±18% (V Center)	Powered Vertical: ±60% (H Center) Horizontal: ±18% (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 SPECIFICATIONS

LENS COMPATIBILITY CHART

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	MODEL NUMBER	ELPLR05
PRODUCT CODE	V12H004M0F	PRODUCT CODE	V12H004R05
			
SPECIFICATION OF MAIN PARTS			
Projection Lens: Type	Powered: Zoom / Focus	Projection Lens: Type	Powered: Focus / Distortion
F-Number	1.8 - 2.3	F-Number	2.2
Focal Length	36.0 - 57.4 mm	Focal Length	19.1 mm
Zoom Ratio	1 - 1.6	Zoom Ratio	N/A
Weight	1,900g	Weight	9,600g
Screen Size (Projected Distance)	PU1000 series For 0.76" panel 50" - 1000" Throw ratio 2.16 - 3.48 PU2000 series For 1.03" panel 60" - 1000" Throw ratio 1.57 - 2.56	Screen Size (Projected Distance)	100" - 1000" Throw ratio 0.60
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)	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 For 0.76" panel 50" - 1000" Throw ratio 7.21 - 10.11 PU2000 series For 1.03" panel 60" - 1000" Throw ratio 5.27 - 7.41	100" - 1000" Throw ratio 4.79 - 7.20	100" - 1000" Throw ratio 6.96 - 10.45
Lens Shift Range	Powered Vertical: ±67% (H Center) Horizontal: ±30% (V Center)	Powered Vertical: ±55% (H Center) Horizontal: ±25% (V Center)	Powered Vertical: ±55% (H Center) Horizontal: ±25% (V Center)

EB-PU1000 Series & PU2010B									
LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	FOCAL DISTANCE (mm)	THROW RATIO	LENS SHIFT		COMPATIBLE PROJECTORS	
						VERTICAL	HORIZONTAL		
ULTRA SHORT THROW LENS	ELPLX01WS/ ELPLX01S		1.9	5.8	● 0.35	+50% - +67%	±10%	<ul style="list-style-type: none"> EB-PU1006W EB-PU1007W EB-PU1008B 	
	ELPLX02S		1.9	8.0	● 0.35	+45% - +70%	±15%	<ul style="list-style-type: none"> EB-PU2010B 	
SHORT THROW LENS	ELPLU03S		2.0 - 2.3	11.1 - 13.1	●● 0.65 - 0.78 ●● 0.48 - 0.57	±67% ±24%	±30% ±10%	<ul style="list-style-type: none"> EB-PU1006W EB-PU1007W EB-PU1008B 	
	ELPLU04		2.0 - 2.1	14.8 - 17.7	●● 0.87 - 1.05 ●● 0.64 - 0.77	±67% ±60%	±30% ±18%	<ul style="list-style-type: none"> EB-PU2010B 	
ZOOM LENS	ELPLW05		2.0 - 2.2	17.6 - 24.3	●● 1.04 - 1.46 ●● 0.77 - 1.07	±67% ±24%	±30% ±10%		
	ELPLW06		1.8 - 2.3	27.3 - 37.0	●● 1.62 - 2.22 ●● 1.19 - 1.62	±67% ±60%	±30% ±18%		
	ELPLW08		2.0 - 2.2	19.7 - 27.5	●● 1.18 - 1.66 ●● 0.86 - 1.21	±67% ±60%	±30% ±18%		
	ELPLM08		1.7 - 2.3	24.0 - 38.2	●● 1.44 - 2.32	±67%	±30%	<ul style="list-style-type: none"> EB-PU1006W EB-PU1007W EB-PU1008B 	
	ELPLM10		1.8 - 2.4	55.4 - 83.3	●● 3.32 - 5.06 ●● 2.42 - 3.71	±67% ±60%	±30% ±18%	<ul style="list-style-type: none"> EB-PU2010B 	
	ELPLM11		1.8 - 2.4	80.6 - 121.11	●● 4.85 - 7.38 ●● 3.54 - 5.41	±67% ±60%	±30% ±18%		
	ELPLM15		1.8 - 2.3	36.0 - 57.4	●● 2.16 - 3.48 ●● 1.57 - 2.56	±67% ±60%	±30% ±18%		
	ELPLL08		1.8 - 2.5	119.0 - 165.4	●● 7.21 - 10.11 ●● 5.27 - 7.41	±67% ±60%	±30% ±18%		


*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-PU2200 Series										
LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	FOCAL DISTANCE (mm)	THROW RATIO			LENS SHIFT		COMPATIBLE PROJECTORS
								VERTICAL	HORIZONTAL	
ULTRA SHORT THROW LENS	ELPLX02S		1.9	8.0	● 0.35			+45% -70%	±15%	<ul style="list-style-type: none"> • EB-PU2213B • EB-PU2216B • EB-PU2220B
SHORT THROW LENS	ELPLU03S		2.0 - 2.3	11.1 - 13.1	●● 0.48 - 0.57			±24%	±10%	
	ELPLU04		2.0 - 2.1	14.8 - 17.7	●● 0.64 - 0.77			±60%	±18%	
ZOOM LENS	ELPLW06		1.8 - 2.3	27.3 - 37.0	●● 1.19 - 1.62			±60%	±18%	
	ELPLW08		2.0 - 2.2	19.7 - 27.5	●● 0.86 - 1.21			±60%	±18%	
	ELPLM10		1.8 - 2.4	55.4 - 83.3	●● 2.42 - 3.71			±60%	±18%	
	ELPLM11		1.8 - 2.4	80.6 - 121.11	●● 3.54 - 5.41			±60%	±18%	
	ELPLM15		1.8 - 2.3	36.0 - 57.4	●● 1.57 - 2.56			±60%	±18%	
	ELPLL08		1.8 - 2.5	119.0 - 165.40	5.27 - 7.41 ●●			±60%	±18%	



LENS COMPATIBILITY CHART

EB-L30000U NL										
LENS TYPE	MODEL NUMBER	PRODUCT IMAGE	F NUMBER	FOCAL DISTANCE (mm)	THROW RATIO			LENS SHIFT		COMPATIBLE PROJECTORS
								VERTICAL	HORIZONTAL	
ULTRA SHORT THROW LENS	ELPLX03		2.2	11.16	● 0.35			+45% -70%	±15%	<ul style="list-style-type: none"> • EB-L30000U NL
SHORT THROW LENS	ELPLU05		2.4 - 2.6	28.4 - 34.0	●● 0.90 - 1.09			±55%	±25%	
ZOOM LENS	ELPLW07		2.2 - 2.5	40.6 - 55.2	●● 1.29 - 1.76			±65%	±30%	
	ELPLM12		1.9 - 2.1	54.7 - 73.0	●● 1.74 - 2.35			±65%	±30%	
	ELPLM13		1.9 - 2.4	71.6 - 107.3	●● 2.28 - 3.46			±65%	±30%	
	ELPLM14		2.1 - 2.4	106.8 - 160.9	●● 3.41 - 5.12			±65%	±30%	
	ELPLL09		2.1 - 2.5	149.7 - 225.0	4.79 - 7.20 ●●			±55%	±25%	
	ELPLL10		2.2 - 2.6	216.6 - 326.8	6.96 - 10.45 ●●			±55%	±25%	
	ELPLR05		2.2	19.1	● 0.60			±15%	±5%	



Entertainment that's Larger Than Life

Designed to create versatile, powerful, and mesmerizing visuals, Epson's 25,000 lumens high brightness laser projector pushes the boundaries of entertainment further.



LEISURE destinations are faced with the challenge of providing unforgettable customer experiences day in and day out. For venues that promise exciting lifestyle options and unique events all year round, how do you keep up with customers who crave immersion and next-level entertainment?

Take Resorts World Manila, a Philippine-based pioneering integrated resort, for example. The team made use of six (6) Epson EB-L25000UNL 3LCD projectors to create dynamic, high-impact live productions that will captivate the audience in its 130-seat Grand Bar and Lounge.

Developed to expand the offerings of Resorts World Manila, The Grand Bar and Lounge presents world-class entertainment from world-class local and international performers. The premiere venue's show

roster ranges from solo acts to full-blown productions that utilize the entire stage area to bring immersive, show stopping numbers that its audience will never forget.

"When we thought of putting up this entire new facility called The Grand Wing, we have a stage that elevates while a performance is ongoing. We have the lamella technology that allows our stage to take on any form, and that requires great video, visual projection," says Resorts World Manila Corporate Communications Director, Joey Guilas.

Ernesto De Leon, Director for Entertainment Technical Operations at Resorts World Manila, added that the team chose Epson's laser projection technology because it is low maintenance, cost-efficient and durable. Combining 3LCD technology with 4K enhancement and 4K-quality lenses, the

EB-L25000UNL provided the flexibility and outstanding image quality that The Grand Bar and Lounge needed to bring its productions to life. These features, plus a sealed optical unit and easy installation make this the ideal projector for live concerts and events.

"With Epson High Brightness Laser Projectors, Resorts World Manila is on the right track in making its venues state-of-the-art and truly world class every chance we get, and that's why we partnered with the world's best for that," said Joey Guilas.

Epson projectors use a 3LCD projection engine to deliver bright, clear images that are rich in detail and colour. Compared to 1-chip projectors, 3LCD projectors can deliver up to 3 times higher colour brightness, and up to 3 times wider colour gamut for the best visual experience.



Epson high brightness laser projector allows our stage to take on any form, and that requires great video, visual projection.

Joey Guilas,
Corporate Communications Director

A Stunning Visual Experience

Epson's high brightness installation projectors have created a whole new experience for worshippers at Rock of Ages Church.



WHEN worshippers at the Rock of Ages Church set foot in their brand new church auditorium in August 2016, many of them were wowed by what they saw.

For the first time, they were treated to a visual feast across the 600-seater space in Eunos, which was brought to life with stunning backdrops projected on the main screen and two side walls by three Epson EB-Z9800W high brightness projectors.

"It's a whole new experience for our church members, especially the younger ones," says Jason Sim, facilities and operations manager at Rock of Ages Services, who manages and operates the church's facilities. "The visuals were so engaging and realistic that some of them felt a little giddy when we put up bouncing effects."

The decision by Rock of Ages Services to install Epson projectors - not only for environmental projection in its auditorium but also in seminar rooms used by corporate clients for meetings and workshops - was clear from the start.

"At our previous auditorium, we were using a different projector brand that burned out in just five years. We switched to another projector brand, but we couldn't get the colour quality that we want despite increasing its image contrast and brightness levels. So, for our new auditorium, we were looking for projectors that are reliable, deliver good image quality and within our budget," Sim says.

After going through a demo at a hotel by Epson partner and consultant PAVE System, Sim concluded that Epson projectors deliver sharp, vibrant images, and meet the needs of Rock of Ages Services. "While we explored a few other brands, we went with our consultant's recommendation to go with Epson projectors in the end," Sim says.

With 8,300 lumens brightness and WXGA resolution, the EB-Z9800W is a versatile installation projector powered by Epson's 3LCD technology that projects high quality images with equally high white and colour light output. The result: vivid colours and bright images, even in daylight, and three times brighter colours than competing projectors.

The EB-Z9800W also enables clearer and sharper playback of moving images, thanks to Epson's Frame Interpolation Technology, which effectively eliminates motion blurring by inserting new frames between original ones to create smoother motion transition - perfect for venues such as Rock of Ages' auditorium that project moving images.

In addition, the EB-Z9800W has a flexible installation angle, lens shift for off-centre positioning and plenty of calibration options such as edge blending, test patterns and Epson's Super Resolution feature. These proved to be most useful during installation, where PAVE System faced challenges while installing the EB-Z9800W projectors at the auditorium.

"We encountered a number of obstacles during installation, such as the stage lighting and sound system that were getting in the way of the projected light," says Jeffrey Lim, managing director of PAVE System.

"But the flexibility of the EB-Z9800W made it possible for us to adjust the lens and installation angles, as well as secure the projectors to deliver the best possible images," he adds.

Sim says he is confident of the reliability of the three EB-Z9800W projectors, which are fitted with dual lamps and a lamp select and relay function, so organisations can switch between lamps to save on lamp-hour usage, and extend the life of projector lamps for long-lasting performance.

Rounding up the visual experience for church members are two EB-Z11000W ultra bright 11,000 lumens projectors that display content during worship services.

Like the EB-Z9800W, the EB-Z11000W offers razor sharp text, vivid colours and bright images. They are perfect for large venues and auditoriums, and enable flexible installation angles too.

Rock of Ages Services also turned to Epson for the projection needs of its seminar rooms, which are fitted with four EB-955W projectors that deliver vibrant and realistic colour projections for its clients.

Sim says his experience with Epson in his previous job makes the EB-955W a clear choice, as the projector is easy to use and is of high quality.

All Epson projectors are powered by 3LCD technology that offers brighter and more accurate colours.

In a 3LCD projector, white light is first split into three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel in 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.

Sim says: "We've not had any negative feedback from our clients on the projectors so far with regards to image quality and usability. They can easily select the content source with the remote control, and start projecting right away".

Apart from the Epson EB-Z9800W, EB-Z11000W and EB-955W projectors, Rock of Ages Services also relies on the EB-G6250W and EB-1970W for its projection needs.

Epson projectors deliver sharp, vibrant images, and meet the needs of Rock of Ages Services.

Jason Sim, Facilities and Operations Manager

Jazzing Up The Fashion Runway

Thai menswear designer Davis Pranlapon is using Epson high brightness projectors to create a fashion show experience like no other.



THAI fashion designer Davis Pranlapon is well known to many models, celebrities and actors for his chic and trendy menswear.

While his fashion label dVIS has established itself in Thailand, Pranlapon needed to stand out from global rivals that were competing on his home turf.



So, when he came across Epson's 3LCD projectors that were introduced to him by Thai technology provider, Non Pokhun, director of Plik Plaeng Innovation Company, he jumped at the opportunity to turn his fashion shows into an engaging experience.

"I needed something to compete with other international brands," Pranlapon says, "As a local brand, I don't see anyone doing that, maybe because they don't have the technology."

At a dVIS fashion show in the CentralWorld mall in Bangkok, Pranlapon used a combination of Epson's high brightness EB-Z and EB-G6000 series projectors to display stunning visual mapping effects, not just on the show's backdrop, but also

on its catwalk stage and pillars. The effects had also helped to convey the themes in Pranlapon's collections.

"The projectors enabled me to use my imagination, but in a directed way," Pranlapon says. "My previous shows only had 3D projections on the wall, but Epson had an ability to create more than I thought."

His audiences were wowed by what they saw. "People said it was the first time that the show felt like a real experience, rather than just a fashion show," Pranlapon says.

The visual effects were only made possible by Epson's innovative 3LCD technology that delivers unbelievably bright, natural colour and amazing detail.



Pokhun should know. After all, he assessed different projectors in the market and found that Epson projectors offer the best image quality.

"When I turned off the lights, the most beautiful picture was Epson's," Pokhun says. "It looked like a real picture, and when I watched a movie, it was like a real environment."

People said it was the first time that the show felt like a real experience, rather than just a fashion show.

Davis Pranlapon, Fashion Designer

Making Stories Come Alive

Epson's high brightness projectors are powering the Philippine's first 360-degree dome at the Star City amusement park.



WHEN amusement park Star City decided to upgrade its facilities, it turned to a high-tech solution to create Star Dome, the Philippine's first 360-degree dome that has since become a key attraction in the country.

Using 5 Epson's EB-Z series high brightness projectors and holographic technology, Star City was able to project images in the dome and a giant book which allows users to "flip" the pages to tell a timeless, compelling story about a prince, a princess, and a dragon.



The EB-Z series is perfect for unique 360-degree installations such as Star Dome. With its capability to project beyond Full HD images and a 7,000-lumens white and colour brightness, visitors to Star City are assured of an engaging experience.

With brighter colours and projection mapping, stories come alive, presentations will make a bigger impact, and entertainment becomes much more immersive. This pushes users' experiences to another level.



Says Charles Wong, Star City investor and Star Dome owner: "When all the projectors were here, we spent a week to set up the projectors. But after setting up of the projectors, we needed to use the software to chop the frame by 360 degrees to project it in the dome."



Wong appreciates the support that he has received from Epson. "They helped us with the alignment and calibration – they really offer good service," he says.

Besides its dome set-up, Star Dome also features an interactive giant book that users can manipulate by swiping their hands over it to turn the pages. Giant talking heads, which are animated using projection mapping and holographic technology, relate the story to visitors.

They helped us with the alignment and calibration – they really offer good service.

Charles Wong, Investor and Owner

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	Vertical	1.44 - 2.32 (Wide - Tele)		
	Horizontal	Vertical: ±67% (Powered)		
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]			
Brightness¹⁾				
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 2,500,000:1				
Geometric Correction				
Projection Orientation	360° Free			
Vertical / Horizontal Keystone	±45° / ±30° with Middle Throw Zoom Lens			
Connectivity				
Analog RGB Input	D-Sub 15Pin	1		
	HDMI	1 (HDCP 2.3)		
Digital Input	DVI-D	1 (HDCP 1.4)		
	HDBaseT	1 (HDCP 2.3)		
USB Input	USB Type A	2 (Port1 for 5V/2A Power Supply, Grackle, 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				
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 Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)			
Operating Altitude				
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				
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				
Fan Noise (Normal / Medium / Eco)				
30dB / 29dB / 28dB				
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: ELPAP46
 External Air Filter: ELPAP63
 External Camera: ELPEC01
 Wireless LAN unit: ELPAP11
 Ceiling Mount: ELPMB67
 Extension Pole: ELPPF15*

*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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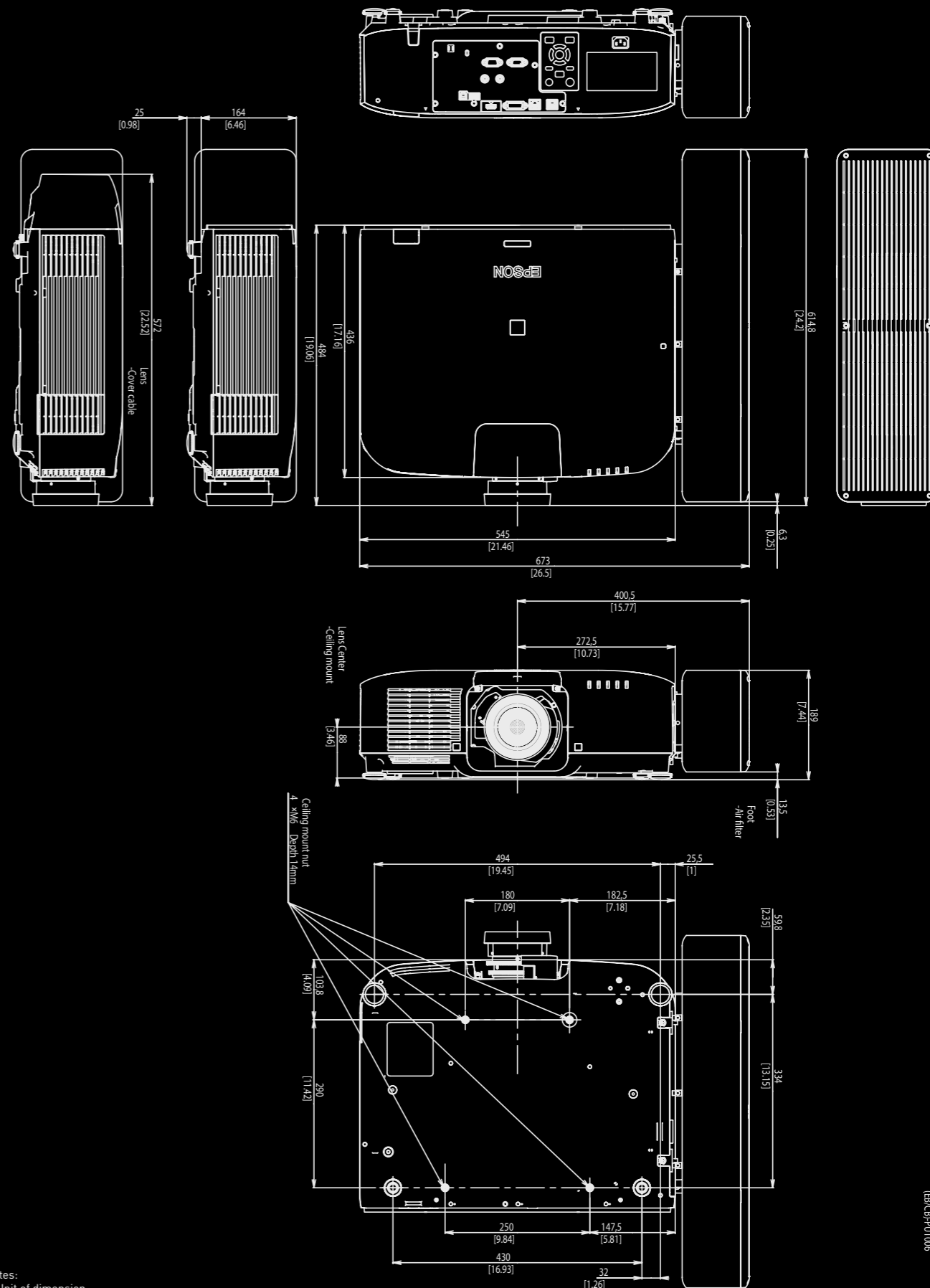
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Information correct at time of printing. Printed August 2022

DIMENSIONS

EB-PU1006W / PU1007W / PU1008B



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

EB-PU1008B
 EB-PU1007W
 EB-PU1006W

SPECIFICATIONS

MODEL NUMBER	EB-PU2010B		
Projection Technology	RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts			
LCD	Size	1.0" (G2 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	
Lightsource	Throw Ratio	1.57 – 2.56 (Wide – Tele)	
	Lens Shift	Vertical: ±60% (Powered) Horizontal: ±18% (Powered)	
	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]		
Brightness¹⁾			
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 2,500,000:1			
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	1 (BNC)	
	(SD/HD/3G-SDI)		
	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, Grackle, 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	1 (BNC)	
	(SD/HD/3G-SDI)		
Audio Output	Stereo Mini	1	
Network	Wired LAN	RJ45 x 1 (100Mbps)	
	Wireless	Optional (ELPAP11)	
Wireless Specification			
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			
Direct Power On / Off	Over 1,500m/4,921ft with High Altitude Mode: 0 - 3,048m (0 -10,000ft)		
Start-Up Period	Yes		
Quick Start-Up	Less than 7 seconds (Epson Logo); Warm-up Period: 30 seconds		
Cool Down Period	Less than 7 seconds (Display)		
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 21116.

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: ELPAP46
External Air Filter: ELPAP63
External Camera: ELPEC01
Wireless LAN unit: ELPAP11
Ceiling Mount: ELPMB67
Extension Pole: ELPPF15*

*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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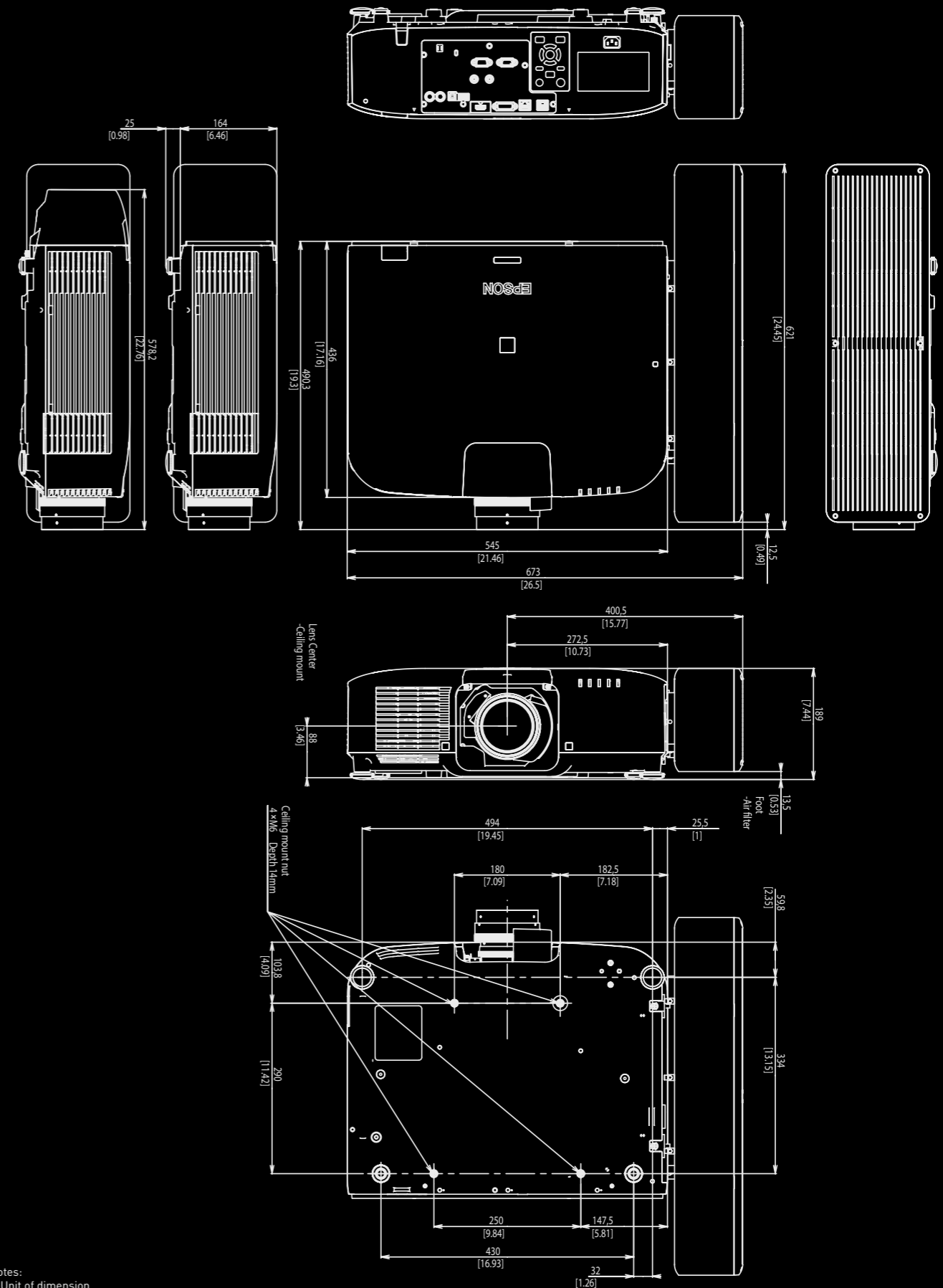
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Dealer's Stamp

Information correct at time of printing.
Printed August 2022

DIMENSIONS

EB-PU2010B



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

SPECIFICATIONS

MODEL NUMBER	EB-PU2213B	EB-PU2216B	EB-PU2220B
Projection Technology	RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts			
LCD	Size	1.0" (C2 Fine)	
	Native Resolution	WUXGA (Support 4k Enhancement)	
Lightsource	Refresh Rate	192 – 240 Hz	
	Type	Laser Diode	
Life	Life	20,000 hours (Normal) / 30,000 hours (Extended)	
	Type	Power Zoom / Power Focus	
Projection Lens	F-Number	1.8 - 2.3	
	Focal Length	36.0 - 57.40 mm	
Zoom Ratio	Zoom Ratio	1 - 1.6	
	Throw Ratio	1.57 - 2.56 (Wide to Tele)	
Lens Exchange	Lens Exchange	Yes	
	Lens Shift	Vertical: ±60% (Powered)	Horizontal: ±18% (Powered)
Screen Size (Projected Distance)			
Zoom: Wide	60" - 1,000" [1.99 - 34.43 m]		
Zoom: Tele	60" - 1,000" [3.26 - 55.63 m]		
Brightness¹			
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 2,500,000:1		
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)	
Output Terminal	BNC (SD/HD/3G-SD)	1	
	HDBaseT (FX)	1 (HDCP 2.3)	
Audio Output	BNC (SD/HD/3G-SD)	1	
Others	Stereo Mini Jack	1	
	USB Type A	2 (For Grackle, Firmware Update, Copy OSD settings or 5V/2A Power Supply, Content Playback)	
Control I/O	USB Type B	1 (For service)	
	RS-232C	1 (D-Sub 9pin)	
Network	Remote	1 (Stereo Mini)	
	Wired LAN	RJ45 x 1	
Wireless	Optional (ELPAP11)		
Wireless Specification			
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>		
Multi-Projection 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 0 - 3,048 m (0 - 10,000 ft) (over 1,500m / 4,921ft with high altitude mode)		
Operating Altitude			
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
Middle Throw Zoom Lens: ELPLM10 / ELPLM11 / ELPLM15
Long Throw Lens: ELPLL08

EB-PU2213B / EB-PU2216B / EB-PU2220B



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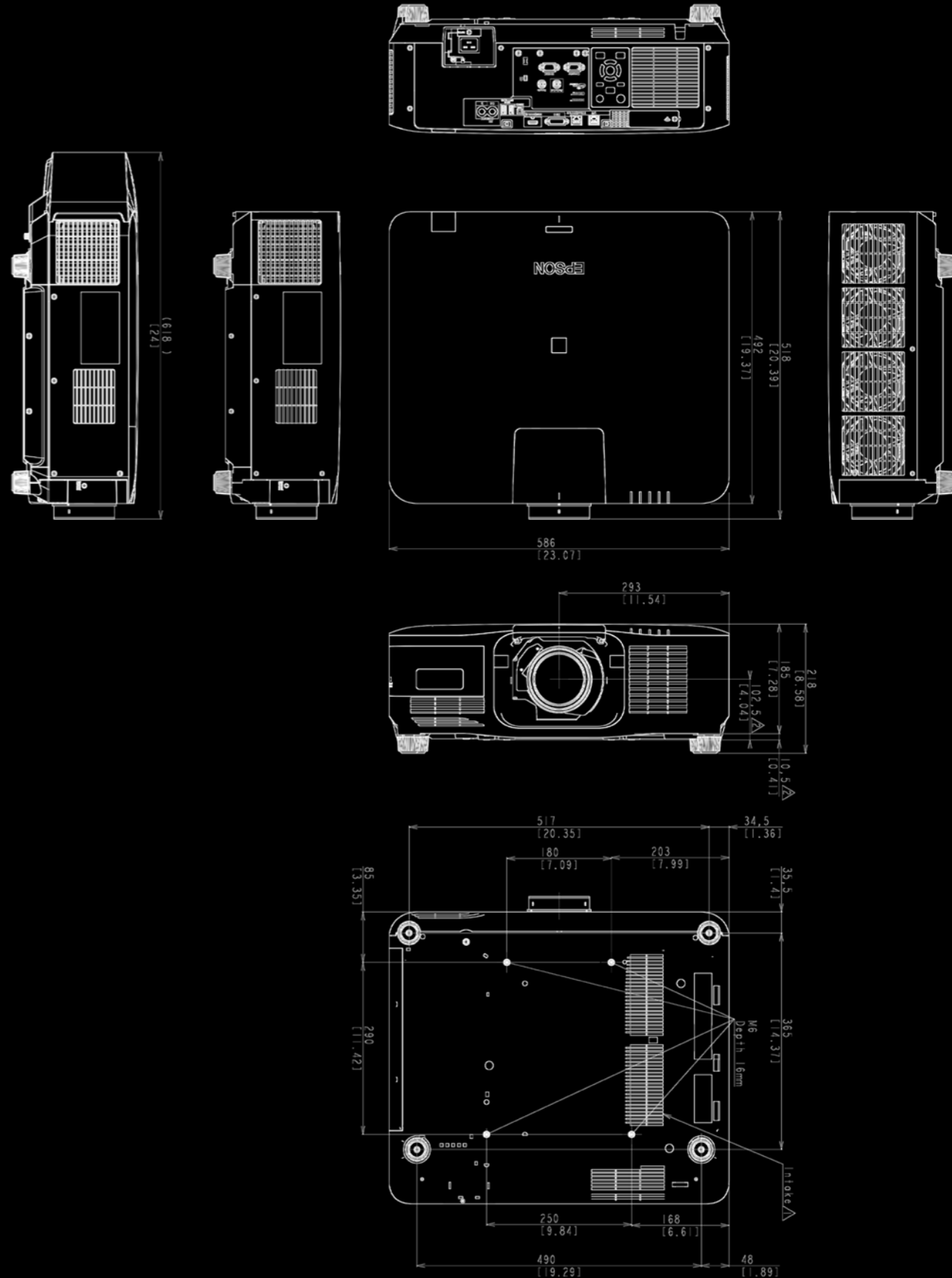
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DIMENSIONS

EB-PU2200 SERIES



- 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, C ² 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)	
	Lens Exchange	Yes	
	Lens Shift	Mode	Powered
		Vertical (Up/Down)	±65%
		Horizontal (Left/Right)	±30%
	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]		
Brightness¹			
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 2,500,000 : 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	1 (BNC)	
	(SDI Loop-Through)		
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			
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 / 4,921ft - 3,048m / 10,000ft) (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			
Power Consumption [220 - 240V]			
Laser On (Normal / Eco)	2325W / 1511W		
Standby (Network On / Off)	2.5W / 0.5W		
Dimension Excluding Feet (D X W X H)	710 x 790 x 299 mm		
Weight (Exl. Handle and Lens)	63.8kg (Black model) / 64.2kg (White 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: ELPAP52
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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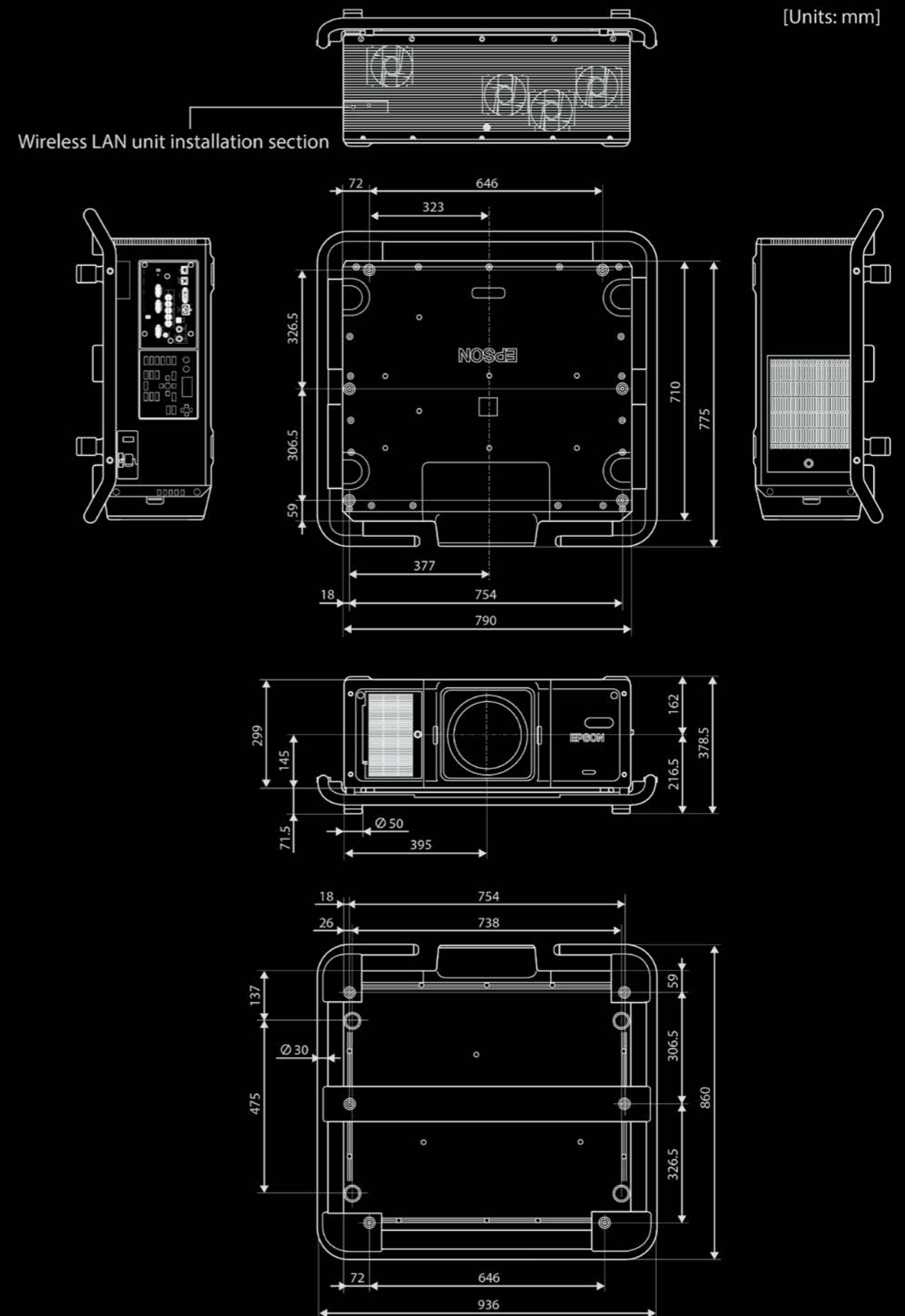
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DIMENSIONS

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*The specifications are when lens unit ELPLM12 is installed.