

# EB-PU2120W

## DATASHEET / BROCHURE



The EB-PU2120W is the world's smallest 20,000lm projector<sup>1</sup>.

The EB-PU2120W offers users significant advantages including much reduced size and weight, easier installation and set-up, simplified maintenance and great image quality. This ultra-lightweight, compact laser projector has been designed for use in large auditoriums, live events, concerts, conference rooms where it delivers high-impact immersive experiences.

### Compact and lightweight

The EB-PU2120W is around 60% smaller and 50% lighter than its predecessor, the EB-L20000U. The reduced weight and size means the projector is easier to store, transport and install, saving on warehouse space as well as labour and delivery costs.

### Outstanding image quality

This high lumens, 3LCD projector offers WUXGA resolution with 4K enhancement and HDR for rich textures and sharper images.

### Flexibility

The EB-PU2120W enables simple installation, stacking, lens flexibility and control. It includes in-built processing for PC-free stacking which means two supported projectors can be stacked to double the brightness without the need for external computerware.

### Reliability

Includes outstanding dust resistance as the hermetically sealed optical engine, and laser light source unit, ensure stable brightness output over long periods, even in high dust environments.

## KEY FEATURES

- **Ultra-lightweight and compact**  
The world's smallest 20,000lm projector<sup>1</sup>
- **Stunning image displays**  
20,000lm, 4K Enhancement technology, WUXGA resolution
- **Easy to use**  
Simple installation, stacking, lens flexibility and control
- **Fit-and-forget reliability**  
Enhanced dust resistant construction - IP5X certified
- **Environmental benefits**  
Lower power consumption, reduced packaging, reduced weight
- **Legal Statement**  
Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates for 7 years from purchase

## PRODUCT SPECIFICATIONS

### TECHNOLOGY

Projection System	3LCD Technology
LCD Panel	1.03 inch with C2 Fine

### IMAGE

Color Light Output	20,000 Lumen- 14,000 Lumen(economy) In accordance with IDMS15.4
White Light Output	20,000 Lumen - 14,000 Lumen(economy) In accordance with ISO 21118:2020
Resolution	WUXGA
Resolution Enhancement	4K enhancement
Aspect Ratio	16:10
On-Screen Pixel Count	4,608,000 (1920x1200 x2)
Contrast Ratio	Over 5,000,000: 1
Native Contrast	2,000: 1
Light source	Laser
Laser Light source	20,000 hoursDurability High, 30,000 hoursDurability Eco
Colour Video Processing	10 Bits
Colour Reproduction	Upto 1.07 billion colours
HDR support	HDR10, HLG

### OPTICAL

Throw Ratio	0.35 - 7.41:1
Zoom	Motorized, Factor:1 - 1.6
Lens	varies by lens
Lens Shift	Motorized - Vertical $\pm 60\%$ %, horizontal $\pm 18\%$ %, varies by lens
Lens position memory	10positions
Screen Size	60 inches - 1,000 inches, varies by lens
Projection Distance Wide	varies by lens
Projection Distance Tele	varies by lens
Projection Lens F Number	varies by lens
Projection Lens Focal Length	varies by lens
Projection Lens Focus	Motorized
Interchangeable Lens	Yes
Standard Lens	Not included

### CONNECTIVITY

Interfaces	USB 2.0-A (2x), USB 2.0 Type B (Service Only), RS-232C, Ethernet Interface (1000 Base-T/ 100-Base TX/ 10-Base-T), VGA in, DVI in, HDMI in, HDBaseT, Jack plug out, Wireless LAN IEEE 802.11a/b/g/n (optional), Near Field Communication (NFC), USB content playback, Remote
Network Protocol	HTTPS, IPv6, SNMP, ESC/VP.net, PJLink

### ADVANCED FEATURES

Security	Kensington lock, Security bar, Password lock, Wireless LAN unit lock, Wireless LAN security, Password protection
Other features	21:9 aspect ratio support, 4K enhancement, A/V mute, Auto Power On, Auto source search, Direct Power on/off, Edge Blending, Freeze image, Horizontal and vertical keystone correction, Lens position memory, Long light source life, OSD copy function, Point correction, Power on button, Quick Corner, Schedule Function, Split-Screen-Function, Super resolution, Web Control, Web Remote, iProjection App
Video Color Modes	Cinema, Dynamic, Natural, Presentation, DICOM SIM, Multi Projection, BT709
Projector control	via: AMX, Crestron, Extron
Sealed Light Source Module	Yes, IP5X rated
Sealed Optical Engine	Yes, IP5X rated

## EB-PU2120W

### WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- Lens connector cap
- Document Pack
- Information sheet
- Main unit
- Quick Start Guide

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## PRODUCT SPECIFICATIONS

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### GENERAL

Power consumption	1,143 Watt (Normal On-Mode), 1,301 Watt (Normal Peak-mode), 899 Watt (Eco Peak-Mode), 0.4 Watt (Energy saving standby)
Heat Dissipation	4,423 BTU/hour (max)
Supply Voltage	AC 200 V - 240 V, 50 Hz - 60 Hz
Product dimensions	586 x 492 x 218 mm (Width x Depth x Height)
Product weight	24.4 kg
Noise Level	Normal:45 dB (A) - Economy:37 dB (A)
Supported Temperature	Storage -10° C - 60° C
Supported Humidity	Operation 20% - 80%, Storage 10% - 90%
Included Software	Epson Creative Projection, Epson Projector Config Tool, Epson Projector Content Manager, Epson Projector Management, Epson Projector Professional Tool
Options	Camera module, Ceiling mount, Wireless LAN unit
Room Type / Application	Boardroom, Large Meeting Room / Auditorium, Meeting room / Classroom, Projection Mapping, Rental / Staging, Signage / Retail, Visitor Attraction
Positioning	Ceiling Mounted, Desktop, Flying Frame
Colour	White

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### OTHER

Warranty	36 months Carry in Optional warranty extension available
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## OPTIONAL ACCESSORIES

EB-PU2120W

- Wireless LAN Adapter - ELPAP11 (2.4GHz & 5GHz)  
V12H005A01
- Camera Unit - ELPEC01  
V12HA46010
- Ceiling Mount - ELPMB68  
V12H006AE0
- Extension Pole - ELPMB70 - For ELPMB68  
V12H006AG0
- Truss Adaptor - ELPMB71 - For ELPMB68  
V12H006AH0
- Stacking Frame - ELPMB59 - EB-PU2200 Series (EVO)  
V12H996B59
- Stacking Frame - ELPMB84 - EB-PU2200 Series  
V12H006AW0
- Portrait Adaptor - ELPMB78 - EB-PU Series  
V12H006AQ0
- Tilt Adaptor - ELPMB81 - EB-PU Series  
V12H006AT0

## OPTIONAL LENSES

### Throw Ratio:

### Lens Shift:

● Lens - ELPLL08 - Long throw - EB-PU Series V12H004L08	5.27 - 7.41:1	V: ±60% H: ±18%
● Lens - ELPLM10 - Mid throw 3 - EB-PU Series V12H004M0A	2.42 - 3.71:1	V: ±60% H: ±30%
● Lens - ELPLM11 - Mid throw 4 - EB-PU Series V12H004M0B	3.54 - 5.41:1	V: ±60% H: ±18%
● Lens - ELPLM15 - Mid throw - EB-PU Series V12H004M0F	1.57 - 2.56:1	V: ±60% H: ±18%
● Lens - ELPLU03S - Short throw off axis 1 - EB-PU Series V12H004UA3	0.48 - 0.57:1	V: ±24% H: ±10%
● Lens - ELPLU04 - Short throw off axis 2 - EB-PU Series V12H004U04	0.64 - 0.77:1	V: ±60% H: ±18%
● Lens - ELPLW06 - Wide zoom 2 - EB-PU Series V12H004W06	1.19 - 1.62:1	V: ±60% H: ±18%
● Lens - ELPLW08 - Wide throw - EB-PU2000 Series V12H004W08	0.86 - 1.2:1	V: ±60% H: ±18%
● Lens - ELPLX02WS - UST - EB-PU2000 Series V12H004Y0B	0.35:1	V: +25% H: ±15%

## LOGISTICS INFORMATION

SKU	V11HA63940
EAN code	8715946703152
Country of Origin	China

For more information please contact:

Home users: 0343 90 37766  
Business users\*: 0871 42 37766  
Republic of Ireland: 01 436 7742  
Or visit us at <https://www.epson.co.uk/contactus>  
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Web: [www.epson.co.uk](http://www.epson.co.uk)  
[www.epson.ie](http://www.epson.ie)

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1. As of March 2023. Main unit including standard lens (ELPLM15). 20,000lm in accordance with ISO 21118.

**EPSON**<sup>®</sup>