

EB-PU2220B

DATASHEET / BROCHURE



The EB-PU2220B is the world's smallest and lightest 20,000lm projector¹.

The EB-PU2220B 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-PU2220B is 70% 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-PU2220B's functionality 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 improved dustproofing as the hermetically sealed optical engine, and laser light source unit, prevent dust contamination to ensure enhanced durability.

KEY FEATURES

- **Ultra-lightweight and compact**
The world's smallest and lightest 20,000lm projector¹
- **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 dustproof construction. IP5x certified
- **Environmental benefits**
Lower power consumption, reduced packaging, reduced weight



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PRODUCT SPECIFICATIONS

TECHNOLOGY

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

IMAGE

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|-------------------------|---|
| 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, 1920 x 1200, 16:10 |
| High Definition | 4K enhancement |
| Aspect Ratio | 16:10 |
| Contrast Ratio | Over 2,500,000 : 1 |
| Native Contrast | 2,000 : 1 |
| Light source | Laser |
| Laser Light source | 20,000 hours Durability High, 30,000 hours Durability Eco |
| Colour Video Processing | 10 Bits |
| Colour Reproduction | Upto 1.07 billion colours |

OPTICAL

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|------------------------------|--|
| 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 | 10 positions |
| 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

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| Interfaces | USB 2.0 Type 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, Stereo mini jack audio out, 3G-SDI Input, 3G-SDI Output, Wireless LAN IEEE 802.11a/b/g/n (optional) |
| Network Protocol | HTTPS, IPv6, SNMP, ESC/VP.net, PJLink |

ADVANCED FEATURES

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|-------------------|---|
| Security | Kensington lock, Security bar, Password lock, Wireless LAN unit lock, Wireless LAN security, Password protection |
| Other features | 4K enhancement, Auto Power On, Auto source search, Direct Power on/off, Edge Blending, Lens position memory, Long light source life, OSD copy function, 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 |

GENERAL

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| Power consumption | 1,301 Watt, 899 Watt (economy), 0.5 Watt (standby), On mode power consumption as defined in JBMS-84 1,170 Watt |
| 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: 38 dB (A) |
| Supported Temperature | Storage -10° C - 60° C |
| Supported Humidity | Operation 20% - 80%, Storage 10% - 90% |
| Included Software | Content DIY App, iProjection, Epson Projector Content Manager, Epson Projector Management, Epson Projector Professional Tool |
| Options | Ceiling mount, Wireless LAN unit |
| Positioning | Ceiling Mounted, Desktop, Flying Frame |
| Colour | Black |

OTHER

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|----------|---|
| Warranty | 36 months Carry in Optional warranty extension available |
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EB-PU2220B

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- User manual
- Lens connector cap
- Warranty document

OPTIONAL ACCESSORIES

- Adapter - ELPAP11 Wireless LAN (5GHz)
V12H005A01
- Camera Unit - ELPEC01
V12HA46010
- Ceiling Mount - ELPMB68
V12H006AE0
- Portrait Adaptor - ELPMB69 - For ELPMB68
V12H006AF0
- Extension Pole - ELPMB70 - For ELPMB68
V12H006AG0
- Truss Adaptor - ELPMB71 - For ELPMB68
V12H006AH0

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OPTIONAL LENSES

- Lens - ELPLL08 - Long throw - G7000/L1000 series
V12H004L08
- Lens - ELPLM10 - Mid throw 3 - G7000/L1000 series
V12H004MOA
- Lens - ELPLM11 - Mid throw 4 - G7000/L1000 series
V12H004MOB
- Lens - ELPLM15 - Mid Throw L1500/L1700 Series
V12H004MOF
- Lens - ELPLU03S - L & G Series ST off axis 1
V12H004UA3
- Lens - ELPLU04 - G7000 & L1000 Series ST off axis 2
V12H004U04
- Lens - ELPLW05 - G7000 & L1000 Series wide zoom 1
V12H004W05
- Lens - ELPLW06 - L1500U/1505U wide zoom 2
V12H004W06
- Lens - ELPLW08 - Wide throw
V12H004W08
- Lens - ELPLX02S - UST lens
V12H004X0B
- Lens - ELPLX02WS - UST Lens
V12H004Y0B

LOGISTICS INFORMATION

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|-------------------|---------------|
| SKU | V11HA66840 |
| EAN code | 8715946703213 |
| Country of Origin | China |

For more information please contact:

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Or visit us at <https://www.epson.co.uk/contactus>
* 10p per minute plus network extras.

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1. As of December 2021. Main unit without lens. 20,000lm
in accordance with ISO 21118.

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Last extracted: 2022-02-02

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