Premium large-venue laser projector
with 4K enhancement².

- **Incredible color** — Epson® 3-chip 3LCD technology produces 16,000 lumens of equal white and color brightness¹ from a standard 120 V power source
- **WUXGA with 4K Enhancement²** — accepts 4K content and delivers up to 4.6 million pixels on-screen for an incredibly crisp and vibrant image
- **Long-lasting laser light source** — 20,000-hour virtually maintenance-free laser light source³
- **Simplified installation** — 9 optional powered lenses (sold separately), including an ultra short-throw .35 throw lens with unique zero offset design, provide enhanced flexibility and convenience during installation
- **Engineered for reliability** — hermetically sealed optical engine offers high dust resistance while filterless cabinet and liquid cooling system support easy, low-maintenance operation
- **Outstanding image quality** — high native contrast ratio produces deep blacks; frame interpolation delivers realistic moving images; HDR support⁴ and scene adaptive gamma correction for true-to-life images
- **Fast installation** — built-in NFC functionality⁵ to streamline multi-projector installations using the easy-to-use Epson Projector Configuration Tool (EPCT)⁶ mobile app for Android™ and iOS®
- **Optional attachable PixAlign™ camera** — provides access to powerful features, including projector stacking assist function⁷, tiling assist⁷ for edge blends, color calibration⁸ and screen matching⁸
- **Simple Stacking function** — quickly stack two projectors using a remote controller instead of conventional setup with a PC and router; requires optional attachable PixAlign camera⁸
**EB-PU2116W 16,000-Lumen 3LCD Laser Projector with 4K Enhancement**

**Specifications**

- **Projection System**: High-aperture Epson 3LCD, 3-chip technology
- **Projection Method**: Front/rear/ceiling mount
- **Driving Method**: Poly-silicon TFT Active Matrix
- **Pixel Number**: 2,304,000 dots (1920 x 1200) x 3
- **Signal Input**: Maximum Display Resolution: 4096 x 2160 (pixelating display); Display Resolution: 1920 x 1200 pixels
- **Native Resolution**: WUXGA with 4K Enhancement² (1920 x 1200 x 2)
- **Resolution on Screen**: WUXGA with 4K Enhancement² (4.6 million pixels)
- **Aspect Ratio**: 2,500,000:1 (Dynamic Contrast: On)
- **Brightness Uniformity (Typical)**: 85%
- **Color Reproduction**: Up to 1.7 billion colors
- **Lens Shift Vertical**: ±80%; horizontal: ±18%
- **Keystone Correction**: Vertical: ±45 degrees; horizontal: ±30 degrees
- **Illumination Technology**: Laser Diode

**Projection Lens (Standard)**

- **Type**: Powered shift/zoom/1.0-2.1
- **Focal Length**: 14.8 mm – 17.7 mm
- **Zoom Ratio**: Optical zoom: 1.0 – 1.6
- **Throw Ratio Range**: 1.57 – 2.56
- **Lens Shift Vertical**: ±60%; horizontal: ±18%

**Other Features**

- **Operating Temperature**: 32° to 122°F (0° to 50°C)
- **Power Supply Voltage**: 100 – 120 V ± 10%, 50/60 Hz AC
- **Power Consumption**: 1,118 W (Normal / Custom)
- **Power Supply Voltage**: 791 W (Quiet / Extended)
- **Power Standby**: 2.0 W (Network Standby)
- **Energy Saving**: 0.4 W (Standby)
- **Fan Noise**: 38 dB (Normal Mode); 34 dB (ECO)
- **IP Rating**: IPX1
- **Security**: Security cable hole, lens lock, Kensington® lock provision, wireless LAN unit lock

**Dimensions / Weight**

- **Including Feet (W x D x H)**: 23.1” x 19.4” x 8.6”
- **Weight**: 53.5 lb (24.3 kg)

**Remote Control**

- **Features**: Power; Source Search Selection; Lens Shift/Zoom/ Focus; Test Pattern Selection; A/V Mute, Freeze, User ID, Auto Aspect, Color Mode, Number, Page Up and Down, E-Zoom, Volume, Help, Menu, Enter, ESC and Pointer Functions
- **Operating Angle**: Front: Right/Left: +60 to +60; Upper/Lower: +30 to 30 degrees
- **Operating Distance**: 98 ft

**Eco Features**

- **RoHS compliant**
- **Recyclable product**

**Support**

- **Epson Connection™**: Pre-sales support: U.S. and Canada: 800-463-7766
- **Internet website**: www.epson.com

**Service Programs**

- The projector has a limited warranty of 3 years

**What's in the Box**

- EB-PU2116W projector, power cable, remote control with two batteries, cable cover, user guide and warranty sheet

**Interfaces**

- **HDMI x 1 (HDCP 2.3)**
- **HDBaseT x 1**
- **DV-I x 1**
- **VGA x 1**
- **Variable audio out: Mini Stereo x 1**
- **USB Type A x 2 (5 V, 2.0 A)**
- **USB Type A for Wireless LAN (optional)**
- **Serial: RS-232C x 1 (9-pin)**
- **Remote Mini Stereo**
- **Network: RJ-45**

**Power Consumption**

- **1,118 W (Normal / Custom)**
- **791 W (Quiet / Extended)**
- **2.0 W (Network Standby)**
- **0.4 W (Standby)**

**Ordering Information**

- **Epson EB-PU2116W**: V11HA64920
- **Ultra Short-Throw Lens (ELPLX02S)**: V12H004U04
- **Ultra Short-Throw Lens - White (ELPLX02WS)**: V12H004U03
- **Short-Throw #1 Zoom Lens (ELPLU03S)**: V12H004U03
- **Short-Throw #2 Zoom Lens (ELPLU04)**: V12H004U04
- **Wide-Throw #2 Zoom Lens (ELPLW06)**: V12H004W06
- **Wide-Throw #3 Zoom Lens (ELPLW08)**: V12H004W08
- **Middle-Throw #2 Zoom Lens (ELPLM15)**: V12H004M06
- **Middle-Throw #3 Zoom Lens (ELPLM10)**: V12H004M04
- **Middle-Throw #4 Zoom Lens (ELPLM11)**: V12H004M08
- **Long-Throw Zoom Lens (ELPLB08)**: V12H004L08
- **Rigging Frame (ELPMB59)**: V12H096A01
- **Wireless LAN Module (ELPFP11)**: V12H005A02
- **Projector Ceiling Mount (ELPMB67)**: V12HA54010
- **Suspension Adapter (ELPFP15)**: V12HA55010
- **PixAlign Camera (ELPCC01)**: V12HA46010

**Dimensions / Weight**

- **Including Feet (W x D x H)**: 23.1” x 19.4” x 8.6”
- **Weight**: 53.5 lb (24.3 kg)

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1 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. 2 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. 3 No required maintenance for the light source for up to 20,000 hours. 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 environment. Replacement of parts other than the light source may be required in a shorter period. | 4 HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility | 5 NFC requires use of a device that includes NFC, and may require additional software. | 6 Internet connection required for download. Data usage fee may apply. | 7 Requires Epson external camera or built-in camera for each projector and the Epson Projector Professional Tool app. | 8 Using separate camera for each projector. | 9 IPX5-certified optical engine and laser light source module in accordance with IEC standard 60529. | 10 For convenient and reasonable recycling options, visit www.epson.com/recycle | 11 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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