

# EB-PU2010W WUXGA 3LCD Laser Projector with 4K Enhancement<sup>1</sup>



Product shown with lens.  
Lens sold separately.

Projectors

Large Venue

## Premium, compact large venue laser projector with 4K Enhancement<sup>1</sup>.

**Best-in-Class Color Brightness<sup>2</sup>** — 10,000 lumens of color/white brightness<sup>3</sup>; world's smallest and lightest 10,000-lumen projector<sup>4</sup>

**Exceptional widescreen display** — native WUXGA with 4K Enhancement Technology<sup>1</sup> (1920 x 1200 x 2); accepts 4K content and provides up to 4.6 million pixels onscreen

**Worry-free operation** — features a virtually maintenance-free 20,000-hour laser light source and air filter<sup>5</sup>

**Simplified installation features** — 9 optional powered lenses including ultra short throw with .35 throw; inputs including SDI in/out, HDBaseT<sup>®</sup> and HDMI<sup>®</sup> (HDCP 2.3)

**NFC function built in<sup>6</sup>** — reduce installation time of multiple projectors; read and write setting information using Epson's mobile app

**Clip-on optional external camera** — access powerful automated tools including auto color calibration<sup>7</sup>, screen matching of multiple projectors<sup>7</sup>, tiling assist<sup>8</sup> for edge blends and the stacking assist<sup>8</sup> function

**Lifelike images** — high native contrast ratio, HDR support<sup>9</sup> and scene adaptive gamma correction for more realistic images and easy-to-read presentations

**Optional external air filter** — extend the filter maintenance cycle in dusty environments

**Dynamic projection capabilities** — advanced built-in edge blending, image warping and shape overlay features for a variety of applications; direct content playback from USB storage media

**Customized performance** — brightness modes to maximize light source life and provide a consistent brightness level

**Powerful remote management** — control and monitor projector status via the Epson<sup>®</sup> Projector Management app<sup>10</sup> for Windows<sup>®</sup>



**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 (resizing display); Display Resolution: 1920 x 1200 pixels  
**Native Resolution** WUXGA with 4K Enhancement<sup>1</sup> (1920 x 1200 x2)  
**Resolution on Screen** WUXGA with 4K Enhancement<sup>1</sup>/4.6 million pixels<sup>1</sup>  
**Aspect Ratio** Supports 4:3, 16:10, 16:9\*, 21:9\*  
 \* With vertical image shift control within letterbox area.  
**Pixel Arrangement** Cross stripe  
**Color Brightness**<sup>3</sup> Color Light Output: 10,000 lumens  
**White Brightness**<sup>3</sup> White Light Output: 10,000 lumens  
**Contrast Ratio** Up to 2,500,000:1 (Dynamic Contrast: On) Brightness Uniformity (typical) 85%  
**Color Reproduction** Up to 1.07 billion colors  
**Keystone Correction**  
 Vertical: ±45 degrees;  
 Horizontal: ±30 degrees  
**Illumination Technology** Laser Phosphor

**Projection Lens (Standard)**

See website for information on optional lenses.  
**Standard Lens** ELPLM15 (sold separately)  
**Type** Powered shift/focus/zoom  
**F-Number** 2.0 – 2.1  
**Focal Length** 14.8 mm – 17.7 mm  
**Zoom Ratio** Optical zoom 1 – 1.6  
**Throw Ratio Range** 1.57 – 2.56  
**Lens Shift** Vertical: ±60%; Horizontal: ±18%

**Other Features**

**Operating Temperature** 32 °F to 113 °F (0 °C to 45 °C)  
**Power Supply Voltage** 100 V – 240 V ±10%, 50/60 Hz AC  
**Power Consumption**  
 559 W (Normal, Custom)  
 469 W (Medium, Quiet, Extended)  
 2.0 W Standby (Communication On)  
 0.5 W Standby (Communication Off)  
**Fan Noise** 35 dB (Normal Mode), 34 dB (Medium Mode), 30 dB (Eco Mode)  
**Security** Security cable hole, lens lock, Kensington lock provision, wireless LAN unit lock

**Interfaces**

DVI-D x 1  
 HDMI (HDCP 2.3) x 1  
 HDBaseT x 1  
 3G-SDI In/Out  
 RGB D-Sub 15-pin  
 Variable Audio Out: Mini Stereo x 1  
 USB Connector Type A x 2  
 USB Connector Type B x 1  
 Serial: RS-232c x 1  
 Remote Stereo Mini  
 Network: RJ-45



**Video I/O**

**Input Signal** Input Video Signal (HDMI, DVI-D and HDBaseT ports) 480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160/4096 x 2160 - Max PC graphics: 2560 x 1600  
**Auto Power On** Signal Detection on HDMI/Plug-In Detection (HDMI, VGA 15-pin)  
**Sleep Mode** Yes (with timer)  
**HDMI CEC Control** Yes

**Dimensions (W x D x H)**

**Excluding Feet, Lens** 21.5" x 17.2" x 6.5"  
**Weight** 37 lb

**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**  
 Angle Front: Right/Left: 60 to +60; Upper/Lower: +30 to 20 degrees  
 Angle Rear: Right/Left: 30 to +30; Upper/Lower: +50 to +10 degrees  
**Operating Distance** 98 ft

**Eco Features**

RoHS compliant  
 Recyclable product<sup>11</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>12</sup>

**Support**

**Epson Connection**<sup>SM</sup>  
 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. Epson Road Service program with free Next-Business-Day Replacement<sup>13</sup>, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only)

**What's in the Box**

EB-PU2010W projector, power cable, remote control with 2 batteries, cable cover, lens connector cap, user guide and warranty sheet

**Ordering Information**

EB-PU2010W	V11HA52920
ELPLAF46	V13H134A46
External Air Filter (ELPAF63)	V13H134AD0
Ultra Short Throw Lens (ELPLX02S)	V12H004X0B
Ultra Short Throw Lens - White (ELPLX02WS)	V12H004Y0B
Short Throw #1 Zoom Lens (ELPLU03S)	V12H004JA3
Short Throw #2 Zoom Lens (ELPLU04)	V12H004U04
Wide Throw #1 Zoom Lens (ELPLW05)	V12H004W05
Wide Throw #3 Zoom Lens (ELPLW08)	V12H004W08
Wide Throw #2 Zoom Lens (ELPLW06)	V12H004W06
Middle Throw #2 Zoom Lens (ELPLM15)	V12H004M0F
Middle Throw #3 Zoom Lens (ELPLM10)	V12H004M0A
Middle Throw #4 Zoom Lens (ELPLM11)	V12H004M0B
Long Throw Zoom Lens (ELPLL08)	V12H004L08
Rigging Frame	ELPMB59
Wireless LAN Module (ELPAP10)	V12H731P02
Projector Ceiling Mount (ELPMB67)	V12HA54010
Suspension Adapter (ELPPP15)	V12HA55010

<sup>1</sup> 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | <sup>2</sup> Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for October 2019 – September 2020. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. | <sup>3</sup> 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. | <sup>4</sup> Comparison based on projectors rated at 10,000 lumens. Lumens, size and weight based on the manufacturers' online specifications and industry-available data as of February 2021. | <sup>5</sup> No required maintenance for the light source and filter 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/m<sup>3</sup> 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. | <sup>6</sup> NFC requires use of a device that includes NFC and may require additional software. | <sup>7</sup> Using separate camera for each projector. | <sup>8</sup> Requires Epson external camera or built-in camera for each projector and the Epson Projector Professional Tool app. | <sup>9</sup> HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility | <sup>10</sup> Internet connection required for download. Data usage fee may apply.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

Better Products for a Better Future<sup>™</sup>  
[eco.epson.com](http://eco.epson.com)



Epson America, Inc.  
 3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited  
 185 Renfrew Drive, Markham, Ontario L3R 6G3

[www.epson.com](http://www.epson.com)  
[www.epson.ca](http://www.epson.ca)

Specifications and terms are subject to change without notice. EPSON is a registered trademark, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. PrivateLine is a registered trademark and Epson Connection is a service mark of Epson America, Inc. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and other countries. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2022 Epson America, Inc. Com-SS-Oct-13 CPD-61031R3 12/22