

# 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 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™ and HDMI® (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>8</sup>, tiling assist<sup>9</sup> for edge blends, and the stacking assist<sup>10</sup> function

**Lifelike images** — high native contrast ratio, HDR support 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 Projector Management app for Windows®



**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 chips  
**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<sup>1</sup> Enhancement/4.6 million pixels<sup>1</sup>  
**Aspect Ratio** Supports 4:3, 16:9, 16:10  
**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** 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 ° to 113 °F (0 ° to 45 °C)  
**Power Supply Voltage** 100 – 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** 35dB (Normal Mode), 34dB (Medium Mode), 30dB (ECO Mode)  
**Security** Security cable hole, lens lock, Kensington lock provision, wireless LAN unit lock

**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

**Interfaces**

DVI-D x 1  
 HDMI (HDCP 2.3) x 1  
 HDBaseT x 1  
 3G-SDI in/out  
 RGB D-sub 15pin  
 Variable audio out: Mini Stereo x 1  
 USB connector Type-B x 1  
 USB connector Type-A x 2  
 Serial: RS-232c x 1  
 Remote Stereo Mini  
 Network: RJ-45



**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® 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® 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
HDBaseT transmitter (ELPHD01)	V12H547020
Wireless LAN module (ELPAP10)	V12H731P02
Projector Ceiling Mount (ELPMB67)	V12HA54010
Suspension Adapter (ELPFP15)	V12HA55010

1 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | 2 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. | 3 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. | 4 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. | 5 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. | 6 NFC enabled device required | 7 Requires Epson external camera. | 8 Requires an Epson external camera for each projector. | 9 Requires Epson external camera for each projector and the Epson Projector Professional Tool app. | 10 Requires Epson external camera for each projector. | 11 For convenient and reasonable recycling options, visit www.epson.com/recycle | 12 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | 13 Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery.

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

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