EB-PU2216B 16,000-Lumen 3LCD Large Venue Laser Projector with 4K Enhancement

Ultra Bright
Color Brightness: 16,000 lumens
White Brightness: 16,000 lumens

Premium large-venue laser projector with 4K enhancement.

Incredible color — Epson® 3-chip 3LCD technology produces 16,000 lumens of equal white and color brightness from a standard 120 V power source

WUXGA with 4K Enhancement — 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 source

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

Ideal for live event applications — 3G-SDI input and output easily accommodate daisy-chaining and long cable runs; mechanical shutter helps protect projector during laser light shows

Outstanding image quality — high native contrast ratio produces deep blacks; frame interpolation delivers realistic, moving images; HDR support and scene adaptive gamma correction for true-to-life images

Fast installation — built-in NFC functionality to streamline multi-projector installations using the easy-to-use Epson Projector Configuration Tool (EPCT) mobile app for Android™ and iOS®

Optional attachable PixAlign™ camera — provides access to powerful features, including projector stacking assist function, tiling assist for edge blends, color calibration and screen matching.
EB-PU2216B 16,000-Lumen 3LCD Large Venue 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 (presizing 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: Supports 4:3, 16:9, 16:10
Pixel Arrangement: Cross stripe
Color Brightness1: Color Light Output: 16,000 lumens
White Brightness1: White Light Output: 16,000 lumens
Contrast Ratio: 2,500,000:1 (Dynamic Contrast: On)
Brightness Uniformity (Typical): 85%
Color Reproduction: Up to 1.67 billion colors
Lens Shift: Vertical: ±80%; horizontal: ±18%
Keystone Correction: Vertical: ±45 degrees; horizontal: ±30 degrees
Illumination Technology: Laser Diode

Projector 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: 1.0 – 1.6
Throw Ratio Range: 1.57 – 2.56
Lens Shift: Vertical: ±60%; horizontal: ±18%

Other Features
Operating Temperature: 32 °C to 122 °F (0 °C to 50 °C)
Power Supply Voltage: 100 – 120 V ± 10%, 50/60 Hz AC
Power Consumption: 1,118 W (Normal / Custom)
791 W (Quiet / Extended)
2.0 W Standby (Network Standby)
0.4 W Standby (Energy Saving)
Fan Noise: 38 dB (Normal Mode); max. 34 dB (ECO)
IP Rating: IP5X
Security: Security cable hole, lens lock, Kensington® lock provision, wireless LAN unit lock

Input Video Signal (HDMI®, DVI-D and HDBaseT™ ports) 480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160/4096 x 2160

<table>
<thead>
<tr>
<th>Dimensions / Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Including Feet (W x D x H)</td>
</tr>
<tr>
<td>Weight</td>
</tr>
</tbody>
</table>

Remote Control
Features: Power; Source Search Selection; Lens Shift/Zoom/ Focus; Test Pattern Selection; AV 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
Rear: Right/Left: 30 to +30; Upper/Lower: +40 to -10 degrees
Operating Distance: 98 ft

Eco Features
RoHS compliant
Recyclable product1
Epson America, Inc. is a SmartWay® Transport Partner1

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-PU2216B projector, power cable, remote control with two batteries, cover, user guide and warranty sheet

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 measurement. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m² 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 IP5X-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.

See the latest innovations from Epson Business Solutions at www.epson.com/business

See the latest innovations from Epson Business Solutions at www.epson.com/largevenue

Contact:

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. PixAlign is a trademark of Epson America, Inc. and Epson Connection is a service mark of Epson America, Inc. Android is a trademark of Google LLC. 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-62055R1 3/22