

# Pro L20002UNL WUXGA 3LCD Laser Projector Without Lens

Projectors

Large Venue



Product shown with lens.  
Lens sold separately.

## Premium large-venue WUXGA laser projector with 20,000 lumens<sup>1</sup>.

**Ultra bright, vivid color** — 20,000 lumens color/white brightness<sup>1</sup>; advanced 3-chip, 3LCD technology

**Exceptional widescreen display** — Full HD WUXGA (1920 x 1200) resolution; accepts 4K content and provides 2.3 million pixels on screen

**Solid-state laser light source** — with electrostatic air filter for up to 20,000 hours of virtually maintenance-free operation<sup>2</sup>

**Wide range of optional lenses (sold separately)** — including a zero-offset ultra short-throw lens

**Powerful** — outstanding brightness from a remarkably compact large-venue projector

**Advanced connectivity** — two interface slots accommodate a wide range of inputs

**Designed for demanding environments** — features a sealed light source and optical engine for outstanding durability for live events and fixed installations

**Dynamic projection capabilities** — with advanced tools like tiling assist, Edge Blending and auto-color adjustment for fast installation; free software for multi-projector setup

**Bold, vibrant images** — supports High Dynamic Range (HDR) via HDR10<sup>3</sup> (PQ) and Hybrid Log Gamma (HLG); BT.709 color space

**Mechanical shutter** — protects against damage from external laser lights

**Frame interpolation** — ideal for fast-moving images

**Wide lens shift** — optimized lens and optical engine design



**Specifications**

**Projection System** High-aperture Epson® 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Driving Method** Poly-silicon TFT Active Matrix  
**Native Resolution** WUXGA (1920 x 1200)  
**Resolution on Screen** WUXGA / 2.3 million pixels  
**Pixel Number in Device** 2,304,000 pixels (1920 x 1200) x 3 chips  
**Signal Input**  
 Maximum display resolution 1920 x 1200.  
 Display resolution 1920 x 1200 pixels  
**Aspect Ratio** 16:10, 16:9, 4:3  
**Pixel Arrangement** Cross stripe  
**Color Brightness<sup>1</sup>** Color Light Output: 20,000 lumens  
**White Brightness<sup>1</sup>** White Light Output: 20,000 lumens  
**Contrast Ratio** 2,500,000:1  
**Brightness Uniformity (Typical)** 90%  
**Color Reproduction** Up to 1.07 billion colors  
**Lens Shift** Vertical: ±60 percent; Horizontal: ±18 percent  
**Keystone Correction** Vertical: ±44 degrees; Horizontal: ±30 degrees  
**Illumination Technology** Laser Diode  
**Light Source Life<sup>2</sup>**  
 20,000 hours (Normal); 30,000 hours (Extended)  
**Projection Lens** (Standard, Not Included)  
 See website for information on optional lenses.  
**ELPLM15 Lens**  
**Type** Powered shift/focus/zoom  
**F-number** 1.8 – 2.35  
**Focal Length** 36.0 – 57.4 mm  
**Zoom Ratio** Optical zoom 1 – 1.6x  
**Throw Ratio Range** 1.57 – 2.56

**Other Features**

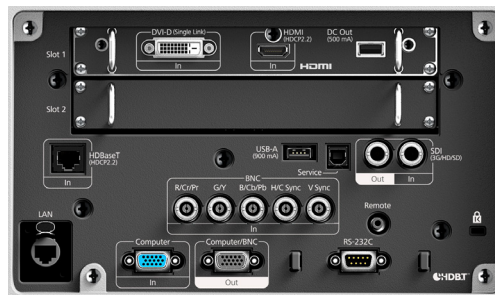
**Operating Temperature** 32° to 113° F (0° to 45° C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz AC;  
 Requires 200-240 V for full spec. operation  
**Power Consumption**  
 1860 W (Normal Mode)  
 1123 W (Extended Mode)  
 2.0 W Standby (Communication on)  
 0.5 W Standby (Communication off)  
**Fan Noise** 45 dB (Normal Mode); max. 38 dB (Quiet Mode)  
**Security** Security cable hole, Kensington lock provision

**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**

3G-SDI x 1 (SDI out x 1 - Active through)  
 HDBaseT x 1  
 5-BNC  
 VGA x 1  
**Interface (Slot 1)**  
 ELPIF01 (included from factory)  
 DVI-D x 1  
 HDMI® x 1 (HDCP2.2)  
 DC Out (500 mA)  
**Interface (Slot 2)**  
 Blank from factory  
**Interface Card (optional)**  
 ELPIF03  
 Display Port x 2 (DP 20p)  
**Other**  
 USB connector Type B x 1: for Firmware update, Copy OSD Settings  
 USB connector Type A x 1: for Firmware update, Copy OSD Settings, DC Out 900 mA  
 Monitor out: Mini D-sub 15-pin x 1  
 Serial: RS-232c x 1  
 Remote: Stereo mini  
 Wire LAN x 1 etherCON



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

**Dimensions (Including feet, lens)** 24.4" x 14.1" x 31.1"  
 (620 x 358.5 x 790 mm)  
**Weight** 109.3 lb (without standard lens, not included)

**Remote Control**

**Features** Power, Search Selection, Lens Shift, Zoom, Focus, Test Pattern Selection, Shutter, Freeze, User ID, Auto, Aspect, Color Mode, Menu, Slot 1, Slot 2 and more  
 Right/Left: Front: ± 50 degrees; Rear: ± 40 degrees  
 Upper/Lower: Front: ± 50 degrees; Rear: +30 degrees  
**Operating Distance** 49 ft

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

**Support**

**Epson Connection<sup>SM</sup>**  
 Pre-sales support: U.S. and Canada 800-442-1977  
 Internet website: www.epson.com

**Service Programs**

The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first.

**What's in the Box**

Pro L20002UNL projector, power cables (3m 100v and 3m 200v), projector remote control with batteries, quick reference sheet

**Ordering Information**

Pro L20002UNL	V11H833920
Replacement Air Filter (ELPAF58)	V13H134A58
HDMI/DVI-D Interface Board (ELPIF01)	V12H917F01
Display Port Interface Board (ELPIF03)	V12H916F01
Ultra Short-throw Lens (ELPLX02)	V12H004X02
Ultra Short-throw Lens – White (ELPLX02W)	V12H004Y02
Short-throw #1 Zoom Lens (ELPLU03S)	V12H004UA3
Short-throw #2 Zoom Lens (ELPLU04)	V12H004U04
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
Epson Ceiling Mount – Low Ceilings (ELPMB47)	V12H802010
Epson Ceiling Mount – High Ceilings (ELPMB48)	V12H803010

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. Some lenses will not support the maximum brightness level of this projector. | 2 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. | 3 HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility | 4 For convenient and reasonable recycling options, visit www.epson.com/recycle | 5 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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