

# Home Cinema LS11000 4K PRO-UHD<sup>®1</sup> Laser Projector

3-Chip 3LCD Laser Projector  
with HDR10+<sup>2</sup>

Projectors

4K PRO-UHD<sup>1</sup>



## Projection Perfected.

**4K PRO-UHD<sup>®1</sup>** — Advanced pixel-shifting technology works in parallel with three individual high-definition LCD chips without sacrificing picture brightness

**Precision Shift Glass Plate Technology** — Unique, digitally controlled Precision Shift Glass Plate precisely refracts pixel light to display a 3840 x 2160, 8.29-million-pixel image for an exceptionally sharp and clear picture

**Epson<sup>®</sup> ZX Picture Processor** — Our most advanced video processing technology to date, the proprietary 36-bit Epson ZX Picture Processor handles real-time color, contrast, HDR<sup>2</sup>, frame interpolation and resolution enhancement to faithfully reproduce the source material the way it was intended to be shown

**Laser Array Light Source** — True multi-array laser diodes are the optimum light source to power the unique 3-chip 3LCD projector engine for incredible picture brightness, black contrast and color accuracy

**High Picture Brightness** — Impressive 2,500 lumens of color and 2,500 lumens of white brightness<sup>3</sup> for an exceptional picture in virtually any theater environment—even in rooms with some ambient light

**True 3-Chip 3LCD Projector Engine** — Advanced 3LCD technology uses three individual LCD chips to continuously display 100% of the RGB color signal for every frame; this allows for outstanding color gamut while maintaining excellent brightness without any rainbowing or color brightness issues seen with other projection technologies

**Impressive HDR<sup>2</sup>** — Full 10-bit HDR<sup>2</sup> color processing accepting 100% of the HDR source information to faithfully reproduce HDR, HDR10+ and HLG (Hybrid Log Gamma) content for an exceptional visual performance; real-time HDR curve adjustment allows for 16 steps of control to fine-tune the HDR performance regardless of the content

**120 Hz Refresh Rate** — Refresh rates up to 120 Hz allow for smoother motion for supported content while providing the option for impressive frame interpolation for content below 120 Hz



<sup>1</sup> 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification.

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## 3-Chip 3LCD Laser Projector with HDR10+<sup>2</sup>

Projectors  
4K PRO-UHD<sup>1</sup>

### Specifications

**Projection System** Epson 3LCD  
**Chip Design (Architecture)** 3-Chip  
**Light Source** True Laser Diode Array  
**Projection Method** Front, Front-Ceiling, Rear, Rear-Ceiling  
**Product Color** White  
**Driving Method** Poly-silicon TFT Active Matrix, 0.74" wide panel, 12-bit  
**Output Resolution** 4K PRO-UHD<sup>1</sup> 3840 x 2160 (dual-axis: 1920 x 1080)  
**Maximum Input Resolution** 4096 x 2160  
**Maximum Refresh Rate** 120 Hz  
**Supported Resolutions** 4K 2160p, 2K Full HD 1080p/i, HD 720p, 576p/i, 480p/i  
**Native Aspect Ratio** 16:9 widescreen  
**Resize Aspect Ratio Support** 1.9:1 (4096 x 2160), 21:9 (2560 x 1080), 4:3 (1600 x 1200), 9:6 (720 x 480), 5:4 (720 x 576); compatible with Normal, Full or Zoom Mode  
**Color Brightness<sup>3</sup>** Color Light Output: 2,500 lumens  
**White Brightness<sup>3</sup>** White Light Output: 2,500 lumens  
**Contrast Ratio** Up to and over 1,200,000:1, Auto Iris on  
**White Balance** 14-point temperature adjustment  
**Color Reproduction** Full-color (up to 1.07 billion colors)  
**Size (Projected Distance)** 50" to 300" (at 58" to 62.4")  
**Keystone Correction** Vertical/Horizontal: ± 30 degrees  
**HDR<sup>2</sup> Color Processing** Full 10-bit  
**Epson ZX Picture Processor** Full 12-bit  
**Light Source Life<sup>5</sup>**  
 Normal Mode: Up to 20,000 hours  
 Medium Mode: Up to 20,000 hours  
 Eco Mode: Up to 20,000 hours

### Projection Lens

**Epson VRX Lens** 15-element precision glass structure (AGS)  
**Type** Powered focus/optical zoom/lens position  
**F-number** 2.0 – 3.0  
**Focal Length** 22.5 – 46.7 mm  
**Zoom Ratio** 1 – 2.1  
**Throw Ratio Range** 1.35 – 2.84  
**Lens Shift**  
 Vertical: -96.3% to +96.3% (H center, powered)  
 Horizontal: -47.1% to +47.1% (V center, powered)  
**Lens Cover** Powered, slide lens shutter

### Interfaces

2x HDMI<sup>®</sup> 2.1 (HDCP 2.3); one supporting eARC/ARC  
 1x USB Type-A (for optical HDMI cable 300 mA maximum power supply only)  
 1x USB Type-A 5 V, 2.0 A for power and firmware  
 1x Mini USB (service only)  
 1x LAN RJ45  
 1x RS-232C  
 1x Trigger out (On, Off) 12 V DC, 200 mA maximum



### Other Features

**Dynamic Range Support** HDR10<sup>2</sup>, HDR10+<sup>2</sup>, HLG  
**HDR<sup>2</sup> Adjustment** 16 steps, real-time  
**Color Modes** Dynamic, Vivid, Bright Cinema, Cinema, Natural  
**Aspect Adjustment** Yes (Auto/Full/Zoom)  
**Frame Interpolation** Input up to 4K at 60 Hz, Output up to 4K at 120 Hz  
**eARC Audio Compatibility** LPCM, Dolby<sup>®</sup> Digital AC-3, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD, DTS-HD High-Resolution Audio, Master Audio, DTS:X, AAC  
**Computer Compatibility** PC, Mac<sup>®</sup>  
**ARC Audio Compatibility** LPCM, Dolby Digital (AC-3), DTS, AAC

**Operating Temperature** 41° to 95° F (5° to 35° C)  
**Power Supply Voltage** 100 – 240 VAC ± 10%, 50/60 Hz

### Power Consumption

Normal Mode: 311 W  
 Medium Mode: 243 W  
 Eco Mode: 204 W

**Fan Noise** 22 – 30 dB

**Security** Kensington<sup>®</sup> security lock port

**Parental Controls** Power Button Lock hinders projector from being turned on without parental supervision

### Dimensions (W x D x H)

**Projector, including feet (excluding cable cover)**

20.5" x 17.6" x 7.6"

Weight: 28.0 lb

### Packaging

27.6" x 21.7" x 10.6"

Weight: 35.7 lb

### Remote Control

**Features** Front and rear directional

**Operating Distance** 32 ft (10 m)

### Operating Angle

Front Right/Left: ± 30 degrees

Upper/Lower: ± 30 degrees

Rear Right/Left: ± 30 degrees

Upper/Lower: 0 + 60 degrees

### Support

#### Epson Connection<sup>SM</sup>

Pre-sales support: U.S.: 800-463-7766, Canada: 800-807-7766

Website: U.S.: [www.epson.com](http://www.epson.com), Canada: [www.epson.ca](http://www.epson.ca)

**Service Programs** 3-year projector limited warranty, Extra Care<sup>SM</sup> Home Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only)

### What's in the Box

Home Cinema LS11000 projector, power cord, remote control with (2) AA batteries, Quick Setup Guide

### Eco Features

RoHS compliant

Recyclable product<sup>6</sup>

Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>7</sup>

### Ordering Information

Home Cinema LS11000

V11HA48020

Replacement Air Filter ELPAF62

V13H134AB0

Resolution	Refresh Rate (Hz)	YCbCr								
		4:2:0			4:2:2			4:4:4		
		8	10	12	8	10	12	8	10	12
3840 x 2160	30	Signal does not exist			SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	60	SDR	HDR*	HDR*	SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	120	SDR	SDR	-	SDR	HDR*	HDR*	SDR	-	-

\*HDR: Support for HDR10, HDR10+ and HLG. For more information, visit [epson.com/hdrcompatibility](http://epson.com/hdrcompatibility)

All images simulated.

1 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification. | 2 HDR/HDR10+ performance available with select third-party devices. For more information, see [www.epson.com/hdrcompatibility](http://www.epson.com/hdrcompatibility) | 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 Based on TFCinfo: U.S. Projector Brand Customer Perception and Preference Study, Multimedia Projectors 2019. | 5 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/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 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>®</sup>  
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