

# Pro Cinema LS9600e Wireless 1080p 3LCD Reflective Laser Projector



Home Entertainment  
Pro Cinema

## A wireless 3LCD Reflective laser home theater projector with Absolute Black.

**One measurement of brightness is not enough** — look for both high color brightness and high white brightness. The Pro Cinema LS9600e has:

**Color Brightness** — 1300 lumens<sup>1</sup>

**White Brightness** — 1300 lumens<sup>1</sup>

**Laser light source** — lamp-free design ensures high-speed contrast control and wider color gamut with rapid warmup and cool down

**3LCD Reflective technology** — improved pixel density, increased aperture ratio and fast performance for incredibly smooth, film-like picture quality

**Absolute Black contrast ratio** — together, the 3LCD Reflective system and laser light source deliver unprecedented black levels, displaying zero lumens<sup>1</sup> during full-black scenes

**Full HD 1080p content in 2D and 3D** — Super Resolution with Detail Enhancement and Frame Interpolation technology deliver a stunning viewing experience; RF 3D glasses included

**Superior image quality** — ISF® calibration tools and THX® Display Certification ensure accurate and exceptional performance, the way filmmakers intended

**Easy installation and image adjustments** — 2.1x power zoom, power focus and extraordinary lens shift (90 percent vertical, 40 percent horizontal)

**Lens position memory** — store up to 10 settings in the projector memory, including zoom and focus positions for standard 16:9 or 4:3 projection areas, and 2.35:1 wide cinema ratio

**Wirelessly transmit HD content** — watch 1080p wirelessly; WirelessHD transmitter has five HDMI inputs, including one MHL-enabled HDMI port



**REFLECTIVE**



**Specifications**

**Projection System** 3LCD Reflective 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Product Color** Black  
**Driving Method** Epson Poly-silicon TFT Active Matrix, 0.74-inch wide panel Reflective HTPS  
**Projected Output** HD, 2D, 3D, 1080p  
**Pixel Number** 2,073,600 dots (1920 x 1080) x 3  
**Color Brightness<sup>1</sup>** (Color Light Output) 1300 lumens  
**White Brightness<sup>1</sup>** (White Light Output) 1300 lumens  
**Aspect Ratio** 16:9 widescreen (4:3 resize) Compatible with 4:3 and 2.35:1 video formats with Normal, Full or Zoom Modes  
**Aspect Mode** Auto / Normal / Full / Zoom / Anamorphic Wide / Horizontal Squeeze  
**Native Resolution** 1080p (1920 x 1080)  
**Resize** 16:10, 4:3  
**Laser Type** Laser Diode 33.7 mW (Output)  
**Light Source Life<sup>2</sup>** Up to 30,000 hours (ECO Mode)  
**Throw Ratio Range** 1.28 (Zoom: Wide), 2.73 (Zoom: Tele)  
**Size (projected distance)**  
 100" diagonal (wide: 9.3' – tele: 19.8')  
**Keystone Correction** Vertical: -30 to +30 degrees  
**Contrast Ratio** Absolute Black (Full White 1300 lumens / Full Black 0 lumens)  
**Color Reproduction** Up to 1.07 billion colors  
**Color Processing** 10 bit (Partial 12bit)

**Projection Lens**

**Type** Powered Optical zoom/ Powered focus  
**F-number** 2.5 – 3.7  
**Focal Length** 21.3 mm – 44.7 mm  
**Zoom Ratio** 1-2.1  
**Lens Shift**  
 Vertical: 90% max (up and down with Horz. Centered)  
 Horizontal: 40% max (left and right with Vertical Centered)  
**Lens Cover** Powered, Slide Lens Shutter

**Other**

**Lens Position** the following 3 items are saved in memory:  
 Lens Shift Position / Zoom Position / Focus Position  
**Memory Positions** 10 (Memory 1 – 10)  
**Picture-in-Picture** Yes (HDMI® only)  
**Display Performance** 1920 x 1080 native 1080p; HD, 2D, 3D, 2D to 3D conversion  
**Color Modes** Dynamic, Living room, Natural, THX, Cinema, B&W Cinema, 3D Dynamic, 3D Cinema, 3D THX  
**Lens Iris** Fine adjustments  
**Super Resolution** Off / 1 / 2 / 3 / 4 / 5  
**Deinterlacing** Film / Auto, Video, Off  
**Frame Interpolation** Off / Low / Normal / High (2D and 3D Mode)  
**Pull down** (1080/24p) 10:10 pull down  
**Epson Super White** Controlled automatically adjusting to HDMI source (Available at Natural / THX / Cinema / B&W Cinema / 3D Cinema / 3D THX, User selectable On/Off on OSD)  
**Input Signal** HDMI: 480i/576i/480p/576p/720p/1080i/1080pP

**Interfaces**

**Inputs**  
 HDMI x 2  
 RS-232c x 1  
 RCA (composite) x 1  
 RCA (component) x 3  
 VGA D-sub 15 pin (computer input) x 1  
 Wired LAN (RJ45, 100 Mbps) for command and Control only x1  
**Terminal Outputs** (2 x) configurable as Screen Power or Anamorphic Lens - Trigger On/Off (3.5 mm mini-stereo jack) each - 12 VDC 200 mA (max.)  
**Trigger Out settings** Off / Power / Anamorphic Wide



**Other (continued)**

**Computer Compatibility** PC, Mac®  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 VAC ± 10%, 50/60 Hz  
**Power Consumption**  
 110-120 VAC Laser On 459 W. Laser on (ECO) 267 W Standby Mode, Communication: On 2.8 W / Off 0.29 W  
**Fan Noise** 19 dB – 28 dB (4K Enhancement: Off)  
**Security** Kensington® Security Lock Port

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

**Including feet:** 21.65" x 21.77" x 8.85"  
**Weight:** 39.7 lbs

**Remote Control**

**Features** Front & Rear  
**Operating Angle**  
 Front: Right / Left: ±30 degrees  
 Upper / Lower: ±30 degrees  
 Rear: Right / Left: ±30 degrees  
 Upper / Lower: 0 to +60 degrees  
**Operating Distance** 19.7 ft

**WirelessHD Transmitter**

**Power Consumption** 11W 1.2A  
**Operating Altitude** 0 to 7500 ft  
**Storage Temperature** 14 °F to 140 °F (-10 °C to 60 °C)  
**Dimensions** 6.9" x 5.0" x 2.0" (W x D x H)  
**Safety** UL 60950-1 2nd edition (cTUVus Mark)  
**EMC** FCC Part 15B Class B  
**Wireless** FCC Part 15 Subpart C 15.255  
**Input** HDMI x 5, including 1 MHL® enabled  
**Output** HDMI x 1, Optical Audio x 1, USB Type A x 1 (3D Glasses Charging)  
**WirelessHD Type** Beam Forming WirelessHD 1.0b 60 GHz Band (QPSK, 16-QAM, BPSK) 2 ch and 3 ch

**Parental Controls**

**Power Button Lock** Hinders projector from being turned on without parental supervision

**Eco Features**

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

**Support**

**The Epson Connection<sup>SM</sup>**

Pre-sales support  
 U.S. and Canada 800-463-7766  
 Internet website [www.epson.com](http://www.epson.com)

**Service Programs** Three-year projector/One-year 3D glasses 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**

PowerLite<sup>®</sup> Pro Cinema LS6900e projector, power cord, two 3D glasses, two HDMI cable clamps, WirelessHD transmitter with AD adapter and remote control with batteries

**Ordering Information**

Product name	Product Code
Pro Cinema LS9600e	V11H559020
Accessory	Product Code
RF 3D glasses	V12H548006
Projector ceiling mount	CHF3500
Remote control	1598520
Belkin PureAV HDMI audio video cable – 3 ft	AV22300-03
Belkin PureAV HDMI audio video cable – 6 ft	AV22300-06
Belkin PureAV HDMI audio video cable – 12 ft	AV22300-12
Belkin Pro Series VGA / SVGA cable – 6 ft	F3H982-06
Belkin Pro Series VGA / SVGA cable – 10 ft	F3H982-10
Belkin Pro Series VGA / SVGA cable – 25 ft	F3H982-25
Kensington Security Lock	ELPSL01

<sup>1</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>2</sup> 30,000 hours is the estimated projector life when used in ECO Mode. Actual hours may vary depending on usage environment. The projector comes with a three-year limited warranty, described in the warranty statement. | <sup>3</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>4</sup> 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>  
[eco.epson.com](http://eco.epson.com)



Epson America, Inc.  
 3840 Kilroy Airport Way, Long Beach, CA 90806

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 and PowerLite are registered trademarks, 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 and Extra Care are service marks of Epson America, Inc. Mac is a trademark of Apple Inc., registered in the U.S. and other countries. SmartWay is a service mark 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 2014 Epson America, Inc. Com-SS.Oct-13 CPD-41383 8/14