EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Pro Cinema LS10000 3LCD Reflective Laser 4K Enhancement Projector

Home Entertainment

Pro Cinema



A 3LCD Reflective laser home theater projector featuring 4K Enhancement.

Experience 4K Enhancement — revolutionary 4K Enhancement Technology[1] for unbelievable sharpness, clarity and detail

One measurement of brightness is not enough — look for both high color brightness and high white brightness. The Pro Cinema LS10000 has:

- **Color Brightness** — 1500 lumens[2]
- **White Brightness** — 1500 lumens[2]

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[2] during full-black scenes

Full HD 1080p 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

3LCD REFLECTIVE

4K Enhancement

The best-selling projectors #1 Epson Projectors in the world

EPSON
EXCEED YOUR VISION

Pro Cinema LS10000 3LCD Reflective Laser 4K Enhancement Projector

Home Entertainment

Pro Cinema

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[2] (Color Light Output) 1500 lumens
White Brightness[2] (White Light Output) 1500 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 41.9 mW (Output)
Light Source Life[3] 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 1500 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, Adobe RGB, Digital Cinema, 3D Dynamic, 3D Cinema, 3D THX
Lens Iris Fine adjustments
Super Resolution 4K Enhancement Off / 1 / 2 / 3 / 4 / 5 / 4K-1 / 4K-2 / 4K-3 / 4K-4 / 4K-5
Deinterlacing Film / Auto, Video, Off
Frame Interpolation Off / Low / Normal /High (2D and 3D Mode)
Pull down (1080/24p) 10:10 pull down

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 x 1
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)

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/1080p/ 4K x 2K
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

Parental Controls

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

Eco Features

RoHS compliant
Recyclable product[4]
Epson America, Inc. is a SmartWay℠ Transport Partner[5]

Support

The Epson Connection℠
Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com
Service Programs Three-year projector/One-year 3D glasses limited warranty, Extra Care℠ Home Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only)

What's in the Box

PowerLite® Pro Cinema LS10000 projector, power cord, two pairs of 3D glasses, two HDMI cable clamps, remote control with batteries

Ordering Information

Product name	Product Code
Pro Cinema LS10000	V11H488020

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

1 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution to 3840 x 2160 and surpass Full HD image quality. Resolution is 1920 x 1080 in 3D Mode. | **2** 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. | **3** 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. | **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.

Better Products for a Better Future℠
eco.epson.com

SmartWay℠ Transport Partner
Getting There With Cleaner Air

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

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
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-40844 8/14

Name

Email

Phone Number