

Home Cinema LS100 Full HD 3LCD Ultra Short-throw Laser Projector

Projectors

Home Cinema



Transform your wall with life-size, ultra bright laser projection.

Transcendent viewing experience — place the projector just inches from the wall and get sharp, life-size images in Full HD resolution up to 10' diagonal — with no long cables, no shadows, and no glare — for a modern entertainment solution that won't detract from your décor

Ultra bright laser technology — with a powerful 4,000 lumens of equal color and white brightness¹ for 100% Color Brightness, plus Instant ON/OFF

Deep Black contrast ratio — features an extraordinary contrast ratio up to 2,500,000:1, for exceptionally deep blacks and brilliant, vivid colors

Advanced 3-chip design — 3LCD technology ensures no color wheels, no white segments and no rainbow effect

Easy, flexible installation — 3x HDMI[®] ports allow you to unite all your devices in a single hub, offering versatile connectivity for cable/satellite boxes, gaming consoles and streaming devices

Perfect for everyday entertainment and beyond — from your favorite HD channels to sports, concerts, movies and more

Dependable, long-life technology — lamp-free light source delivers up to 10 or more years of performance²; comes with a 2-year limited warranty and 2-business-day replacement with free shipping for added peace of mind



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Specifications

Projection System RGB liquid crystal shutter projection system
Projection Method Ceiling Mount Front/Ceiling Mount Rear/
 Desktop Front/Desktop Rear/Table Projection Front/
 Table Projection Rear
Product Color Black
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 2,304,000 dots (1920 x 1200) x 3
Resolution 1920 x 1200 WUXGA
Native Aspect 16:10
Resize 16:9, 4:3
Pixel Arrangement Cross Stripe
Liquid Crystal Type VA
Micro Lens Array Yes
Refresh Rate 192 – 240 Hz
Color Brightness¹ Color Light Output: 4,000 lumens
White Brightness¹ White Light Output: 4,000 lumens
Contrast Ratio Over 2,500,000:1 (Color Mode: Dynamic;
 Light Source Mode: Normal; Zoom: Wide)
Color Reproduction Full (up to 1.07 billion colors)
Throw Ratio Range 0.27 (Zoom:Wide), 0.37 (Zoom:Tele)
Size (Projected Distance) 70" – 130"
Keystone Correction (Manual)
 Vertical: ±3 degrees
 Horizontal: ±3 degrees
Color Processing Full 10-bit
Light Source Laser Diode
Laser Diode Life²
 Up to 20,000 hours (Power Consumption: Normal, Quiet);
 Up to 30,000 hours (Power Consumption: Extended)

Projection Lens

Type Manual focus
F-number 1.6
Focal Length 4.2 mm
Zoom Ratio 1.0 – 1.35 Digital Zoom

Interfaces

Audio In (Stereo mini): 2x
 Audio Out (Stereo mini): 1x
 HDMI: 3x (1x MHL®)
 Video: 1x
 Monitor-out: 1x
 Computer: 1x
 RS-232C: 1x
 USB Type A: 2x
 USB Type B: 1x
 1x LAN (RJ-45)



Other Features

Display Performance 1920 x 1200 native WUXGA
Color Modes Dynamic, Bright Cinema, Cinema, Game
Internal Speaker 16 W
Computer Compatibility PC, Mac®
Operating Temperature 32 ° to 113 °F (0 ° to 45 °C)
 (20% – 80% humidity, no condensation)
Power Supply Voltage 100 – 240 VAC ± 10%, 50/60 Hz
Power Consumption
 ECO Mode: 348 W
 Normal Mode: 448 W
 Networked Standby: < 2.0 W
 Energy Saving: < 0.3 W
Fan Noise
 Quiet Mode: < 27 dB
 Normal Mode: < 38 dB
Security Kensington security lock port

Dimensions (W x D x H)

Excluding Feet: 19.4" x 17.2" x 6.8"
 Including Feet: 19.4" x 17.2" x 7.4"
 Weight: 24.3 lb

Remote Control

Infrared Receiver Features Front and rear directional
Operating Distance Front/Rear: 19.7' (6 m)
Operating Angle
 Rear: Left/Right 55 degrees
 Upper/Lower: 75 degrees to 15 degrees
 Front: Left/Right: 30 degrees
 Upper/Lower: 0 degrees to 60 degrees

Eco Features

RoHS compliant
 Recyclable product⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

Support

Epson ConnectionSM
 Pre-sales support: U.S. and Canada: 800-463-7766
 Internet website: www.epson.com

Service Programs

2-year projector limited warranty, Extra CareSM Home Service program, PrivateLine[®] dedicated toll-free support (U.S. and Canada only)

What's in the Box

Home Cinema LS100 projector, power cord, remote control with AA batteries, Quick Setup Guide

Ordering Information

Home Cinema LS100 V11H879520
 Replacement Air Filter (ELPAF43) V13H134A43

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 Based on an estimated projector life of 20,000 hours when used in Normal Mode, operated 4 hours per day. Actual hours may vary depending on mode and usage environment. The projector comes with a 2-year limited warranty. | ³ Color brightness (color light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec. 2015 through Nov. 2016. | 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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