EPSON

SPECIFICATION SHEET

Projectors

Home Cinema

Home Cinema LS5000 4K Laser Projector

3-Chip 3LCD with HDR



4K[1]

Theater. Reimagined.

4K Display Technology[1] — Produces a full 8.29-million-pixel on-screen image for exceptional picture clarity without sacrificing brightness

High Picture Brightness — Unique 3-chip 3LCD projection engine powered by a laser array light source produces 2,500 Lumens of Color Brightness (IDMS Rated) and 2,500 Lumens of White Brightness (ISO Rated)[2]

Advanced HDR Capability — Full 10-bit color processing for HDR, HDR10[3] and HLG content, including the option for Epson Automatic HDR Scene Correction for optimized picture quality

High Black Contrast — Deep 800,000:1 dynamic contrast ratio produces an overall sharper picture, while revealing deeper shadow detail and sharper distinction between light and dark scenes

Epson Cinema Lens — Multi-element precision lens structure for outstanding image clarity and edge-to-edge focus uniformity, supporting multiple screen aspect ratios from 16:9 HDTV to widescreen 21:9 up to 300"

Modern Connectivity — Dual HDMI® ports support refresh rates up to 120Hz, with one HDMI port featuring eARC for high-quality audio passthrough

Built for Gaming — Featuring a 120Hz refresh rate and Auto Low Latency Mode (ALLM) with input lag below 20ms, this gaming projector delivers smooth, responsive gameplay—perfect for the latest generation of consoles and gaming PCs

Flexible Installation — Compact, whisper-quiet front-exiting airflow design and a manual lens shift (±21% horizontal and ±59% vertical) for greater placement flexibility and easier integration into a wide range of environments

Wireless Audio — Integrated Bluetooth® 6.0 supports optional two-channel audio streaming directly from HDMI input sources, making it ideal for connecting personal headphones

Peace of Mind — Backed by Epson's 2-year limited warranty, including full-unit replacement and free technical support

#1 EPSON SELLING PROJECTOR BRAND WORLDWIDE

3LCD

HDR10[3]

Home Cinema LS5000 4K Laser Projector

3-Chip 3LCD with HDR

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, 0.62" wide panel
Output Resolution 4K Display Technology[1] 3840 x 2160 (dual axis: 1920 x 1080)
Maximum Input Resolution 4096 x 2160
Supported Resolutions 3840 x 2160, Full HD 1080p/i, HD 720p, 576p/i, 480p/i
Native Aspect Ratio 16:9 widescreen
Color Brightness (IDMS Rated)[2] Color Light Output: 2,500 Lumens
White Brightness (ISO Rated)[2] White Light Output: 2,500 Lumens
Contrast Ratio Up to and over 800,000:1, with dynamic contrast in Normal and auto iris On
Color Reproduction Full-color (up to 1.07 billion colors)
Size (Projected Distance) 40" to 300" (at 45" to 28.8')
HDR Color Processing Full 10-bit
Light Source Life[4]
Normal Mode: Up to 20,000 hours

Projection Lens

Epson Cinema Lens Multi-element precision glass structure
Type Optical Zoom (manual)/Focus (manual)
F-Number 1.49 – 1.77
Focal Length 18.2 mm – 29.2 mm
Zoom Ratio 1 – 1.62
Throw Ratio Range 1.32 – 2.15
Lens Shift
Vertical: -59.0% to +59.0% (H center, manual)
Horizontal: -21.0% to +21.0% (V center, manual)
Lens Cover Cap

Interfaces

2x HDMI 2.1; (HDCP 2.3) one supporting eARC/ARC
1x USB Type-A 5 V 2.0 A (for power supply)
1x USB Type-A (for Firmware updates)
1x Mini USB (service only)
1x Audio out mini plug (3.5 mm)
1x LAN RJ45 (Projector Control Only)



Other Features

Dynamic Range Support HDR10[3], HLG
HDR Adjustment On/Off
Color Modes Dynamic, Vivid, Cinema, Natural
Aspect Adjustment Yes (Full, Super zoom)
Input Signal 480p, 576p, 720p, 1080i, 1080p, 2160p
Operating Temperature 41 °F to 95 °F (5 °C to 35 °C)
Power Supply Voltage 100 V – 240 V AC ± 10%, 50/60 Hz
Power Consumption
Normal Mode: 330 W
Quiet Mode: 217 W
Fan Noise 22 db – 25 db
Wireless LAN Built-in, Wi-Fi® 6E, for Firmware update only
Bluetooth Built-in, supports A2DP, AVRCP, Apt-X

Dimensions (W x D x H)

Including Feet 17.3" x 12.4" x 6.3"
Weight (Approximate) 17.6 lb (stationary)

Remote Control

Features Front and rear directional
Operating Distance 32 ft (10 m)
Operating Angle
Front Right/Left: ±30 degrees
Front Upper/Lower: ±30 degrees
Rear Right/Left: ±30 degrees
Rear Upper/Lower: ±30 degrees

Eco Features

RoHS compliant
End-of-life options available[5]
Epson America, Inc. is a SmartWay® Transport Partner[6]

Limited Warranty and Service

Warranty 2-year projector limited warranty
Service Extra Care Road Service program, PrivateLine™ dedicated toll-free support
Epson Connection™
Pre-Sales Support (U.S. and Canada): 800-463-7766
Website: epson.com

What's Included

Projector 1x
Power Cable 1x
Remote Control 1x
Remote Control Batteries 2x (AA)
Quick Start Guide 1x
Warranty Sheet 1x

Ordering Information

Home Cinema LS5000	V11HC39020
Air Filter (ELPAF60)	V13H134A60
Repair/Exchange 1-Year Extended Service Plan	EPPSNVHTRB1
Repair/Exchange 2-Year Extended Service Plan	EPPSNVHTRB2

Country of Origin

Philippines

1 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification. | **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** HDR performance available with select third-party devices. For more information, see epson.com/hdrcompatibility | **4** 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/m³ 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. | **5** For convenient and reasonable recycling options, visit epson.com/recycle | **6** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

SmartWay Transport Partner
Getting There With Cleaner Air

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