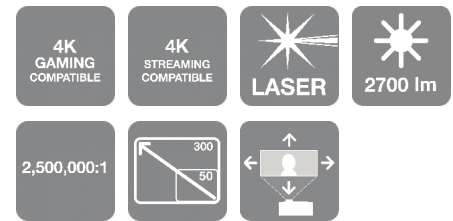


# EH-LS12000B

## DATASHEET / BROCHURE



## Enjoy the big screen experience at home with this 4K, Laser, HDR10 capable projector and Epson's 3LCD technology

Film fanatics will revel in this powerful projector's impressive display. A combination of high-end technologies come together to deliver exceptional image quality with a high 2,500,000:1 dynamic contrast ratio, 4K resolution (8.3mil pixels), 3LCD, laser light-source with HDR10 support. With powered lens shift and zoom lens it's easy to achieve an accurate display.

### Enjoy the ultimate picture quality

Heighten your home cinematic experience with this 4K resolution projector. Epson's 3LCD technology allows you to avoid the 'rainbow effect' and enjoy vivid colours thanks to an equally high White and Colour Light Output of 2,700 lumens. HDR10 support reveals extra detail and depth, giving you natural yet richer colours. What's more, see incredibly defined detail in the shadows with the high contrast ratio of 2,500,000:1 delivering deep blacks. With 4K Frame interpolation, 4K Super Resolution and scene adaptive gamma correction/auto contrast enhancement, the ultimate home-cinema experience is at your finger tips.

### Long-lasting solution

The long-lasting laser light source will provide lower energy consumption, and you'll be able to enjoy home entertainment for up to 10 years<sup>1</sup>.

### Easy yet durable set-up

We don't think a home projector should be any more complicated to use than a TV. Installation is simple and precise thanks to motorised optics including a powered 2.1x optical zoom, powered focus and powered lens shift of  $\pm 96.3\%$  vertical and  $\pm 47.1\%$  horizontal.

### Enhanced controls

It's easy to view films in the right aspect ratio by storing your ten favourite formats. The projector is also compatible with Calman software calibration.

## KEY FEATURES

- **Impressive sharp display**  
4K resolution (8.3mil pixels) and HDR10 support
- **Smooth, fast-moving action**  
4K Frame Interpolation and 4K Super Resolution
- **Long-lasting solution**  
Enjoy up to 10 years of entertainment<sup>1</sup> thanks to laser light-source
- **Fully motorised optics**  
Powered zoom, focus and lens shift
- **Wide lens shift**  
Vertical  $\pm 96.3\%$  and horizontal  $\pm 47.1\%$



**EPSON**<sup>®</sup>  
EXCEED YOUR VISION

## PRODUCT SPECIFICATIONS

### TECHNOLOGY

Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.74 inch with C2 Fine

### IMAGE

Color Light Output	2,700 Lumen
White Light Output	2,700 Lumen
Resolution	4K PRO-UHD, 16:9
Contrast Ratio	2,500,000 : 1
Keystone Correction	Manual vertical: $\pm 30^\circ$ , Manual horizontal $\pm 30^\circ$
Colour Reproduction	Upto 1.07 billion colours
High Definition	4K enhancement
Aspect Ratio	16:9
Light source	Laser

### OPTICAL

Throw Ratio	1.35 - 2.84:1
Zoom	Motorized, Factor: 1 - 2.1
Lens Shift	Motorized - Vertical $\pm 96.3\%$ , horizontal $\pm 47.1\%$
Lens position memory	10 positions
Screen Size	50 inches - 300 inches
Projection Distance Wide/Tele	3 m - 6.4 m ( 100 inch screen)
Projection Lens Focal Length	22.5 mm - 46.7 mm
Projection Lens Focus	Motorized

### CONNECTIVITY

Interfaces	USB 1.1 Type A (2x), USB 2.0 Type Mini-B, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Trigger out, HDMI ARC, HDMI (HDCP 2.3) (2x)
------------	--

### ADVANCED FEATURES

3D	No
2D Colour Modes	Dynamic, Natural, Cinema, Bright Cinema, Vivid
Other features	4K enhancement, A/V mute, Digital zoom, Frame interpolation, Horizontal and vertical keystone correction, ISF certification, Instant on/off, Lens position memory, Long light source life, Quick Corner, Super resolution

### GENERAL

Power consumption	302 Watt, 198 Watt (economy), 0.4 Watt (standby)
Heat Dissipation	1,026.8 BTU/hour (max)
Product dimensions	520 x 193 x 447 mm (Width x Depth x Height)
Product weight	12.7 kg
Noise Level	Normal: 30 dB (A) - Economy: 22 dB (A)
Room Type / Application	4K Gaming, 4K Streaming, Home Cinema, Sports
Positioning	Ceiling Mounted, Desktop
Colour	Black

### OTHER

Warranty	60 months Carry in or 12,000 h
----------	--------------------------------

## EH-LS12000B

### WHAT'S IN THE BOX

- Main unit
- Power cable
- Remote control incl. batteries
- User guide
- Cable cover



1. Based on watching content for five hours every day with the projector set in Eco
2. mode.

**EPSON**<sup>®</sup>