EH-LS800B



DATASHEET / BROCHURE



This 4K PRO-UHD[1] 150" Smart laser projection TV, part of the new EpiqVision Ultra range, comes with Android TV™ and sound by YAMAHA.

Open up the possibilities to bigger, more exciting home entertainment, without a TV permanently on the wall. Epson's 4K PRO-UHD[1], super-ultra-short-throw laser projection TV is sleek in design and has Android TV. You can enjoy an 80" image from just 2.3cm away from the wall, with the option to adjust the distance to achieve up to 150", for the ultimate home cinema setting.

The big screen experience
Feel immersed in everything you watch or play with this stylish and affordable 4K PRO-UHD[1] projector which can produce up to a 150" image placed close to the wall. For great gaming - try our new gaming mode with an under 20ms input lag time.

Smart home entertainment
Android TV offers thousands of movies, shows and games from Google Play, Amazon Prime Video, YouTube and other favourite apps[4]. Enjoy dynamic audio and 3D surround sound with sound by YAMAHA, which can be used with or without a visual display by simply selecting the visual display to mute and can also connect via Bluetooth to use as a standalone speaker.

Long-lasting solution
Looking for a long-term, hassle-free and affordable solution to replace your TV? With this model's long-lasting laser light source, you'll be able to enjoy entertainment for up to 10 years[2].

Superior picture quality
With a high brightness of 4,000 lumens and contrast ratio of 2,500,000:1, this 4K PRO-UHD[1], HDR10 projector delivers lifelike content and defined shadow detail. Epson's 3LCD technology means its projectors have up to three times brighter colours, than comparable 1-chip DLP projectors[3]. With our Epson Setting Assistant app, it's even easier to set up, you can align the image automatically, with just a click of a button.

KEY FEATURES

- **4K PRO-UHD[1]Smart laser projection TV**
  Supersize your favourite films, games and sporting events at home
- **Smart entertainment**
  EpiqVision Ultra range with Android TV[4] and sound by YAMAHA
- **Long-lasting solution**
  Enjoy entertainment for up to 10 years[2]
- **Affordable, living room solution**
  Project up to 150" close to the wall
- **Impressive, bright display**
  Equally high White and Colour Light Output of 4,000 lumens
- **Legal Statement**
  Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates until 31/10/27 from purchase

EPSON®

PRODUCT SPECIFICATIONS

TECHNOLOGY	
Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.62 inch with C2 Fine
IMAGE	
Color Light Output	4,000 Lumen- 2,000 Lumen (economy) In accordance with IDMS15.4
White Light Output	4,000 Lumen - 2,000 Lumen (economy) In accordance with ISO 21118:2020
Resolution	4K PRO-UHD
Resolution Enhancement	4K enhancement
Aspect Ratio	16:9
On-Screen Pixel Count	2,073,600 (1920 x 1080) x 3
Contrast Ratio	2,500,000 : 1
Native Contrast	1,800 : 1
Light source	Laser
Laser Light source	20,000 hours Durability High, 20,000 hours Durability Medium, 20,000 hours Durability Eco
Colour Video Processing	10 Bits
2D Vertical Refresh Rate	192 Hz - 240 Hz
Colour Reproduction	Upto 1.07 billion colours
HDR support	HDR10, HLG
OPTICAL	
Throw Ratio	0.16 - 0.40:1
Zoom	Digital, Factor:1 - 2.5
Lens	Optical
Screen Size	80 inches - 150 inches
Projection Distance Wide	0.3 m (90 inch screen),
Projection Lens F Number	1.8
Projection Lens Focal Length	2.3 mm
Projection Lens Focus	Manual
Offset	7 : 1
CONNECTIVITY	
Interfaces	USB 2.0-A (3x), USB 2.0 Type B (Service Only), Wireless LAN IEEE 802.11a/b/g/n/ac, Jack plug out, Bluetooth, HDMI ARC, HDMI (HDCP 2.3) (3x)
Smart TV Interface	Android TV
Epson iProjection App	Ad-Hoc / Infrastructure
ADVANCED FEATURES	
Security	Kensington lock, Security cable hole
3D	No
2D Colour Modes	Dynamic, Natural, Cinema, Vivid
Other features	4K enhancement, Android TV, Auto Power On, Auto source search, Built-in speaker, Chromecast, Digital zoom, Frame interpolation, Long light source life, Quick Corner, Sound by Yamaha
Video Color Modes	Cinema, Dynamic, Natural, Vivid

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- User guide
- Warranty document
- Main unit
- Quick Start Guide

EPSON®

PRODUCT SPECIFICATIONS

GENERAL	
Power consumption	335 Watt (Normal Peak-mode), 210 Watt (Eco Peak-Mode), 2 Watt (Energy saving standby)
Heat Dissipation	1,139 BTU/hour (max)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	695 x 341 x 156 mm (Width x Depth x Height)
Product weight	12.3 kg
Noise Level	Normal:32 dB (A) - Economy:19 dB (A)
Supported Temperature	Storage -10° C - 60° C
Supported Humidity	Operation 20% - 80%, Storage 10% - 90%
Options	Air filter, Ceiling mount, Suspension adapter
Loudspeaker	20 Watt
Room Type / Application	4K Gaming, 4K Streaming, Home Cinema, Sports, Streaming, TV & Box sets
Positioning	Ceiling Mounted, Desktop, TV Cabinet
Audio	Sound by Yamaha
Colour	Black
OTHER	
Warranty	60 months Carry in or 12,000 h

EH-LS800B

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- User guide
- Warranty document
- Main unit
- Quick Start Guide

EPSON®

OPTIONAL ACCESSORIES

- Air Filter - ELPAF64 - EH-LS800
  V13H134AE0
- Ceiling Mount (White) - ELPMB22
  V12H003B22
- Ceiling Mount (Low profile) - ELPMB30
  V12H526040
- Ceiling Pipe (450mm) - ELPFP13
  V12H003P13
- Ceiling Pipe (700mm) - ELPFP14
  V12H003P14
- 100" ALR Screen - ELPSC35
  V12H002AD0
- 120" ALR Screen - ELPSC36
  V12H002AG0

LOGISTICS INFORMATION

SKU	V11HA90140
EAN code	8715946710440
Country of Origin	Philippines
Layer	2 Units
Layer Block	2 Units

1. 4K Enhancement Technology shifts each pixel diagonally to double Full HD
2. resolution. Resolution is Full HD in 3D Mode.
3. Based on watching content for five hours every day with the projector set in Eco mode.
4. 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 NPD sales data for January 2022 to December 2022.
5. Android TV™
6. Google, Android, YouTube, Android TV and other marks are trademarks of Google LLC.
7. Subscriptions may be required for certain content providers.
8.
9. PARENTAL CONTROLS. Parental control is a valuable tool available to parents to avoid the exposure of minors, and especially children, to content considered inappropriate.

For more information please contact:

Home users: 0343 90 37766
Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
Or visit us at https://www.epson.co.uk/contactus
* 10p per minute plus network extras.

Web: www.epson.co.uk
www.epson.ie

Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners.
Product information is subject to change without prior notice.
Last extracted: 2025-10-23