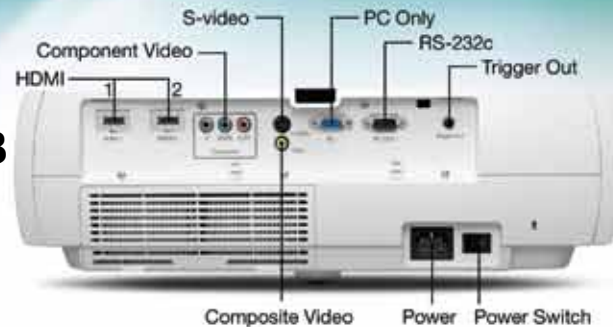


# Epson PowerLite® Home Cinema 8500 UB

## HOME THEATER PROJECTOR



Product Name	Product Code	UPC
PowerLite Home Cinema 8500 UB	V11H337020	0 10343 87439 8
Genuine Epson Lamp	V13H010L49	0 10343 87268 4
Air Filter Set	V13H134A21	0 10343 87269 1

### Specifications

#### Projection System

3LCD, 3-chip optical engine  
Poly-silicon TFT active matrix

#### Projection Methods

Front/rear/ceiling mount

#### White Light Output<sup>2</sup>

1600 lumens (ISO 21118 standard)

#### Color Light Output<sup>2</sup>

1600 lumens

#### Aspect Ratio

Native 16:9 widescreen (4:3 resize)  
Compatible with 4:3 and 16:9 video formats  
with Normal, Full or Zoom Modes

#### Native Resolution

Native 1080p (1920 x 1080)

#### Lamp Type

200 W UHE (Ultra High Efficiency) E-TORL

#### Lamp Life<sup>4</sup>

Up to 4000 hours

#### Size (projected distance)

100" diagonal (wide: 9.8' – tele: 20.9')

#### Contrast Ratio

Up to 200,000:1

#### Color Processing

Full 12-bit

### Projection Lens

#### Type

Manual zoom/Manual focus

#### F-number

2.0 – 3.17

#### Focal Length

22.5 mm – 47.2 mm

Widescreen image size (projected distance)

100" diagonal (wide: 9.8' – tele: 20.9')

#### Zoom Ratio

Manual 2.1x

#### Lens Shift

Vertical: 96.3% max (up and down)

Horizontal: 47.1% max (left and right)

### Other

#### 7 Color Modes

Dynamic, Living Room, THX, Theater,  
Theater Black 1, Theater Black 2, x.v. Color

#### Input Signal

NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM/  
480i/576i/480p/576p/720p/1080i/1080p

#### Terminal Inputs

2 HDMI 1.3a  
1 RCA (Composite)  
1x3 RCA (Component)  
1 Mini DIN (S-video)  
1 D-Sub 15 pin (Analog RGB)  
1 D-Sub 9 pin (RS-232c)

#### Video Compatibility

HDMI  
HDTV  
Component video  
S-video  
Composite video  
NTSC/PAL/SECAM  
Analog RGB (PC only)

#### Operating Temperature

41° to 95° F (5° to 35° C)

#### Fan Noise

22 dB – 28 dB

### Dimensions (W x D x H)

Including feet: 17.7" x 15.5" x 5.7"

Excluding feet: 17.7" x 15.5" x 5.4"

Weight: 16.1 lb

### Support — The Epson Connection<sup>SM</sup>

#### Pre-sales support

U.S. and Canada 800-463-7766

Internet website [www.epson.com](http://www.epson.com)

#### Service Programs

Includes two years of toll-free, priority technical support,  
plus Epson's two-year limited warranty and a 90-day limited  
lamp warranty

#### What's In The Box

Projector, power cord, remote control, two batteries,  
user manual

### Accessory Part Numbers

Genuine Epson Lamp	V13H010L49
Air Filter Set	V13H134A21
Ceiling Mount	ELPHB550

### Packaging Specifications

#### PowerLite Home Cinema 8500 UB

Dimensions 23.7" x 18.1" x 11.3" (W x D x H)

Weight 22.8 lb

#### Genuine Epson Lamp

Dimensions 0.6" x 6.3" x 5.6" (W x D x H)

Weight 0.8 lb

Master Carton

Dimensions 13.1" x 28.4" x 6.8" (W x D x H)

Weight 0.4 lb

#### Air Filter

Dimensions 3.6" x 11.1" x 1.7" (W x D x H)

Weight 0.2 lb

Master Carton

Dimensions 11.8" x 19.2" x 4.8" (W x D x H)

Weight 3.0 lb

<sup>1</sup>Home video projectors under \$3000.

<sup>2</sup>Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.

<sup>3</sup>Data source: ProjectorCentral.com, Jan. 2009. Average of 796 shipping models, for which manufacturers provided lumens and total power data, all resolutions and brightness levels.

<sup>4</sup>Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

<sup>5</sup>See our website for convenient and reasonable recycling options at [www.epson.com/recycle](http://www.epson.com/recycle)

<sup>6</sup>SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

# Epson PowerLite<sup>®</sup> Home Cinema 8500 UB

HOME THEATER PROJECTOR



## Stunning image quality and contrast for the finest home cinemas.

Experience home theater in a way you never thought possible with the Epson PowerLite Home Cinema 8500 UB. With a contrast ratio up to 200,000:1, unprecedented in its class,<sup>1</sup> you get deep blacks and extraordinary detail, putting you right in the middle of the action. Whether you're watching movies, or sports, or playing videogames, this 1080p projector ensures amazing image quality with Epson D7 chip, an HQV processor and innovative Super-resolution video technology. Enjoy brilliant quality and blockbuster performance. With a powerful cinema filter, frame interpolation and state-of-the-art Fujinon<sup>®</sup> lens, a brand trusted by renowned Hollywood producers, this product delivers dynamic video in virtually any setting.

**High-definition, 1080p home theater experience** — D7 chip with C<sup>2</sup>Fine<sup>®</sup> technology delivers 1920 x 1080 resolution

**Brilliant images anytime** — 1600 lumens color light output, 1600 lumens white light output<sup>2</sup>



# Epson PowerLite® Home Cinema 8500 UB

HOME THEATER PROJECTOR

## The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, Epson high-definition projectors take home theater entertainment to a whole new level, featuring color and detail that's sure to win rave reviews from friends and family alike. With the vivid realism of Epson 3LCD technology, these projectors will make your home the hottest ticket in town.



### 3LCD technology — for quality and color that's beyond amazing

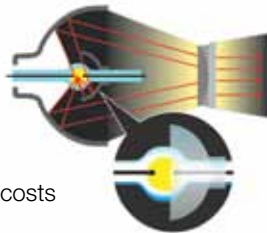
#### Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors<sup>3</sup>
- Road-tested reliability from a company with over 20 years of experience



### Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 4000 hours<sup>4</sup>
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your viewing time, while minimizing your costs



▲ E-TORL lamp

### OptiCinema™ lens for outstanding picture quality and easy setup

The OptiCinema lens system is a precision, high-quality, optical grade system. Co-developed with Fujinon, a top supplier of precision camera optics to the world's leading HD camera makers, this system offers excellent picture uniformity and clarity across the screen. This lens system also provides precision focus with a 2.1x zoom ratio. And, it delivers maximum installation flexibility with 96% vertical and 47% horizontal lens shift (without image distortion).

### Amazing light output

- 1600 lumens color light output and 1600 lumens white light output<sup>2</sup>
- High color light output for bright, balanced, colorful images
- Light output and performance to meet your expectations
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)



High color light output



Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.



▲ Built for flexible installation



#### Eco features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled<sup>5</sup>
- Epson America, Inc. is a SmartWay<sup>sm</sup> Transport Partner<sup>6</sup>

#### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [eco.epson.com](http://eco.epson.com)



# Amazing image quality

## High performance home entertainment

- **2.1x zoom ratio** — offers great positioning flexibility
- **Two HDMI 1.3 ports** — for flexible connectivity options
- **8x projection** — projects images 8x larger than they would appear on a 40" widescreen TV
- **80" widescreen** — displays an 80" widescreen image from just 8' away, or a 120" image from just 12' away

## THX display certification

### Ensures outstanding picture quality —

exceptional performance standards for black levels, resolution, contrast, color gamut and signal processing

### Versatile Movie Mode settings —

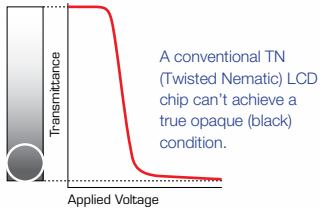
a playback setting that lets consumers experience studio color, black levels and clean-signal processing with few calibration adjustments



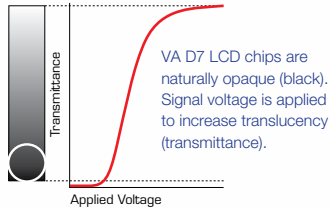
## Incredibly deep blacks with crystal-clear detail

**Achieve astounding blacks** — with an incredible contrast ratio of up to 200,000:1, UltraBlack™ technology and Epson's exclusive Vertical Alignment (VA) LCD technology

TN Mode: Normally Translucent



VA Mode: Normally Opaque (black)



"black levels" simulated

## Dual-layer auto iris

A new dual-layer auto iris system enables incredibly deep blacks to be produced by more efficiently controlling the light reduction rate that passes through the auto iris shutter gates.



## PowerLite Home Cinema 8500 UB Features

- **Advanced video quality** — HQV processor, Super-resolution chip and THX certification
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip technology
- **High-definition, 1080p home theater experience** — D7 chip with C<sup>2</sup>Fine technology delivers 1920 x 1080 resolution
- **Sharp, dramatically rich images** — revolutionary Super-resolution technology enhances DVD, SD and HD content
- **Deep, dark blacks; crystal-clear detail** — contrast ratio up to 200,000:1 and UltraBlack technology with new dual-layer auto iris
- **Stunning picture uniformity and clarity** — state-of-the-art lens by Fujinon
- **Amazing, true-to-life color** — Epson exclusive cinema filter with an expanded color gamut and new color reproduction feature
- **Brilliant images, anytime, day or night** — 1600 lumens color light output, 1600 lumens white light output<sup>2</sup>
- **Cutting-edge connectivity** — two HDMI 1.3 ports for maximum flexibility
- **Smooth gradations** — 12-bit chip driver
- **Unobtrusive operation** — low fan noise so you can focus on pure entertainment
- **Ideal for fast-action movies, TV shows** — advanced, high-speed auto iris function adjusts light output up to 60 times per second to match every entertainment option

## Amazing video quality with a built-in Silicon Optix HQV Reon-VX processor

Reduces block noise and artifacts to restore a more natural picture



Original picture



Without HQV Reon-VX



With HQV Reon-VX

Images simulated to show block noise reduction