

PowerLite[®] Home Cinema 8700 UB

HOME THEATER PROJECTOR



Advanced Features for the Finest Home Cinemas.

Bring blockbuster entertainment home with the PowerLite Home Cinema 8700 UB. This affordable projector redefines the home cinema experience with versatile features and remarkable widescreen performance. Use the projector's anamorphic (stretch) mode to display 2.40:1 cinemascope content* in its original format — making full use of the projector's 1600 lumens color and white light output¹. This means no black bars surrounding the picture, and brighter, more vibrant imagery. The PowerLite Home Cinema 8700 UB also delivers deep, rich blacks and exceptionally sharp details, thanks to an impressive lineup of technology including an astonishing contrast ratio up to 200,000:1, made possible by a 1080p D7 chip, C²Fine™ technology and 3LCD, 3-chip technology. Color space can also be selected and customized according to source material or geographic locale. Experience a new standard in home cinema entertainment with the feature-rich PowerLite Home Cinema 8700 UB.

Deep, dark blacks; crystal-clear detail — 1080p resolution; a contrast ratio up to 200,000:1

Widescreen format — new anamorphic scaling mode preserves original 2.40:1 aspect ratio and eliminates black bars*

Remarkable color reproduction — new preset color space selection



PowerLite® Home Cinema 8700 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

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors²
- Road-tested reliability from a company with over 20 years of experience



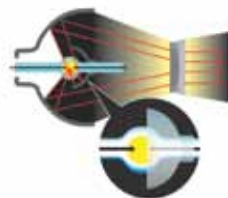
Amazing light output

- 1600 lumens color light output and 1600 lumens white light output¹
- High color light output for bright, balanced, colorful images
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)



Energy-efficient E-TORL® lamp exclusively from Epson

The innovative E-TORL lamp, exclusively from Epson, is a reliable performer that delivers more lumens per watt and lasts up to 4000 hours.³ The special E-TORL design minimizes both light diffraction and light leakage, providing you remarkable lamp longevity.



▲ E-TORL lamp

Epson 3 — LCD

Other — DLP



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.

THX display certification

Ensures accurate and exceptional 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



▲ Built for flexible installation

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled⁴
- Epson America, Inc. is a SmartWaySM Transport Partner⁵





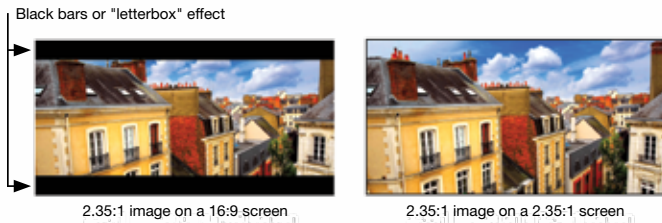
Amazing image quality

High performance home entertainment

- OptiCinema™ lens for outstanding picture quality and easy setup
- Revolutionary Super-resolution technology for sharp, dramatically rich images
- State-of-the-art FineFrame™ interpolation processing technology

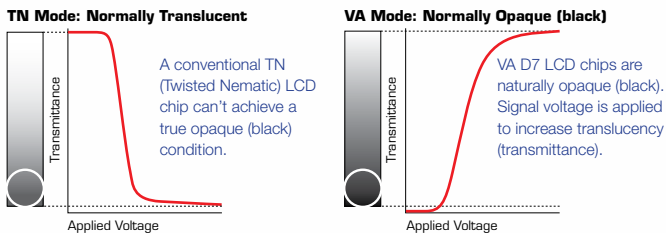
Anamorphic Widescreen Mode*

- **Eliminate black bars** — convert 16:9 projected images to a cinemastyle 2.35:1 aspect ratio.



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



"black levels" simulated

Dual-layer auto iris

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

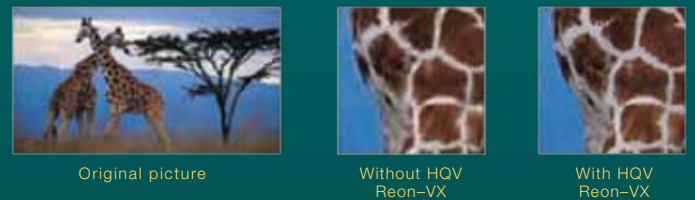


PowerLite Home Cinema 8700 UB Features

- **Deep, dark blacks; crystal-clear detail** — 1080p D7 chip with C²Fine technology, plus 3LCD, 3-chip technology and a contrast ratio up to 200,000:1
- **Brilliant images, anytime, day or night** — 1600 lumens color/white light output¹
- **Natural, smooth image quality** — built-in Silicon Optix HQV Reon-VX processor
- **Widescreen format** — new anamorphic scaling mode preserves original 2.40:1 aspect ratio and eliminates black bars*
- **High-definition, 1080p home theater experience** — D7 chip delivers 1920 x 1080 resolution
- **Remarkable color reproduction** — new preset color space selection facilitates accurate color reproduction
- **Stunning picture uniformity and positioning flexibility** — state-of-the-art Fujinon lens with a 2.1x zoom ratio
- **Energy-efficient E-TORL lamp** — 200 W lamp lasts up to 4000 hours³
- **Cutting-edge connectivity** — two HDMI 1.3 ports for maximum flexibility
- **Ideal for fast-action movies, TV shows** — advanced, high-speed auto iris function adjusts light output up to 60 times per second
- **Easy maintenance** — convenient dust filtration system with large surface area for greater efficiency
- **Outstanding support** — two-year limited warranty; next-business-day shipping service

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

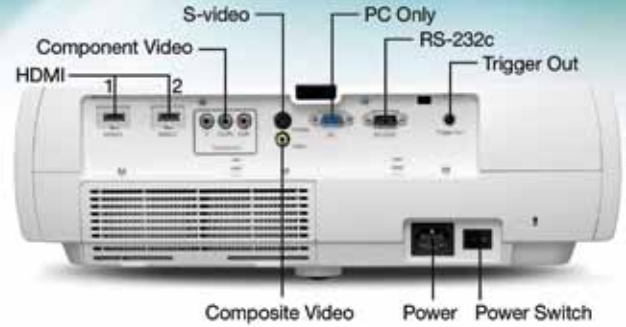
Reduces block noise and artifacts to restore a more natural picture



Images simulated to show block noise reduction

PowerLite® Home Cinema 8700 UB

Home Theater Projector



Product Name	Product Code	UPC
PowerLite Home Cinema 8700 UB	V11H419020	0 10343 88007 8
Genuine Epson Lamp	V13H010L49	0 10343 87268 4
Replacement Air Filter	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 Output¹

1600 lumens

Color Light Output¹

1600 lumens

Aspect Ratio

Native 16:9 widescreen (4:3 resize)
Compatible with 4:3, 16:9 and 2.35:1
(with anamorphic lens option) 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 Life³

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 ConnectionSM

Pre-sales support

U.S. and Canada

800-463-7766

Internet website

www.epson.com

Service Programs

Two-year projector limited warranty, Epson Road
Service program, Epson PrivateLine[®] dedicated
toll-free support and 90-day lamp limited
warranty

What's In The Box

PowerLite Home Cinema 8700 UB, power cord,
projector remote control, batteries, and user
manual

Accessory Part Numbers

Genuine Epson Lamp	V13H010L49
Replacement Air Filter	V13H134A21
Ceiling Mount	ELPHB550

Packaging Specifications

PowerLite Home Cinema 8700 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

*Requires optional anamorphic lens.

1 Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.

2 Data source: ProjectorCentral.com Jan 2010. Average of 910 models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels.

3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

4 See our website for convenient and reasonable recycling options at 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.