

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

# PowerLite<sup>®</sup> Pro Cinema 6010

## HOME THEATER PROJECTOR



**3D**

Includes  
2 pairs of  
3D glasses

## Elite 2D and 3D, Full HD 1080p Cinematic Performance.

Enjoy the ultimate in cinematic adventures at home. The PowerLite Pro Cinema 6010 brings the power of 3D right to your living room with Bright 3D Drive technology and Full HD 1080p performance. Immerse yourself in eye-popping adventures with 2400 lumens color/white light output<sup>1</sup> and an astounding contrast ratio of up to 200,000:1. This state-of-the-art performer also features a built-in cinema filter, THX certification and ISF calibration, for movie viewing the way filmmakers intended. And, it even comes with two pairs of 3D glasses, so you can enjoy 3D entertainment right out of the box. This high-value home theater projector also features great 2D performance. It's never been easier to entertain family and friends with the ultimate cinematic experience.

**Complete home cinema** — includes two pairs of active shutter 3D glasses, plus a ceiling mount, spare lamp and cable cover

**Two anamorphic lens modes (stretch and squeeze)** — enables 2.35:1 anamorphic viewing without an external processor<sup>2</sup>

**Split Screen<sup>3</sup> feature** — project two images side-by-side from two different sources in 2D mode; choose from three layout options



# PowerLite® Pro Cinema 6010

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.



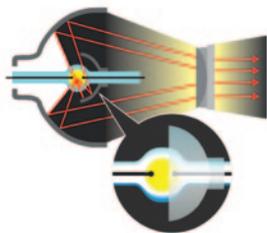
### 3LCD technology — for quality and color that's beyond amazing

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors<sup>4</sup>
- Over 20 years of road-tested reliability built into every projector



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

- Delivers more lumens per watt and lasts up to 5000 hours<sup>5</sup>
- Minimizes both light diffraction and light leakage
- Maximizes your presentation time, while minimizing your costs



### 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 color and white light output

The PowerLite Pro Cinema 6010 delivers 2400 lumens of color light output and 2400 lumens of white light output<sup>1</sup> for true-to-life, vibrant, colorful images. For today's color-rich, multimedia content, users want a projector that delivers both optimum white and color imagery. That's why the industry has developed a new metric called Color Light Output.



Epson — 3LCD



▲ High color light output

Other — DLP



▲ 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.

### Advanced Auto Iris technology

EPSON Auto Iris technology adjusts the aperture to provide optimum contrast and brightness for each scene.

### Better Products for a Better Future™

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

#### Eco Features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Recyclable product<sup>6</sup>
- Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>7</sup>



## Revolutionary Super-resolution technology (in 2D Mode) for sharp, dramatically rich images

Super-resolution technology sharpens out-of-focus images that have been enlarged by a general upscaling process, and delivers a crisp, clear image with super-high-quality resolution. Super-resolution's mixed color separation technique and imaging simulation makes DVDs and standard- and high-definition content come alive with bright, sharp and dramatically rich detail.

## FineFrame™ interpolation processing technology (in 2D Mode)

Film is encoded on DVD and Blu-ray® at 24 frames-per-second. FineFrame de-constructs and re-constructs these sources for a 1080p frame rate output of up to 96 Hz, eliminating visible flicker and frame-to-frame judder. 4:4 pulldown also corrects for improperly-encoded sources, and features a reverse 2:3 pulldown detection-and-correction function. Frame interpolation generally works best when viewing high-definition content such as Blu-ray discs with scenes that contain a lot of action. Multiple frame interpolation settings ensure optimal performance for a variety of source material.



▲ With FineFrame



▲ Without FineFrame

## Anamorphic Widescreen Mode<sup>2</sup>

The aspect ratio for traditional TV is 1.33:1 (4:3), while it is 1.78:1 (16:9) for HDTV and 2.35:1 or 2.40:1 for many Blu-ray movies. When content is played back on an HDTV 1.78:1 (16:9) screen, the viewer sees black bars above and below the image. Anamorphic Widescreen (vertical stretch) Mode fills the 16:9 imaging area, pushing black bars out of the viewing area. When used with an anamorphic lens assembly in this mode, the full, original theatrical aspect ratio is restored (i.e., the entire screen is filled with the image). And, all imaging pixels are used, resulting in a brighter picture.

## Split Screen<sup>3</sup> feature

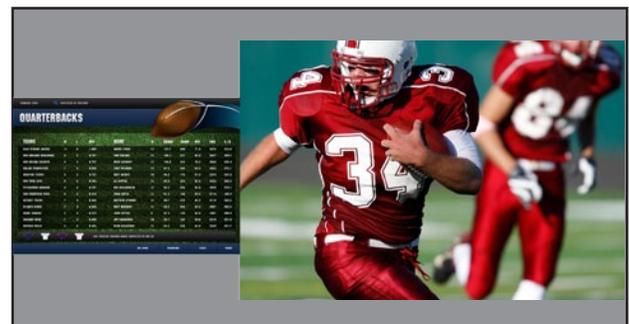
Project two images (video or still) side-by-side from two different sources simultaneously in 2D Mode. Choose from three layout options. You can swap the images, choose the source for the audio and even display closed captioning if the source signal includes it.



Layout Option 1: 50-50% Split Screen



Layout Option 2: Main image on left

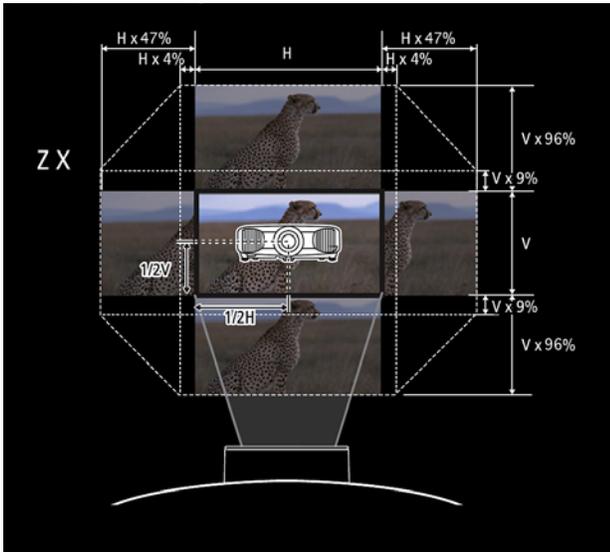


Layout Option 3: Main image on right



## Home entertainment made easy with flexible installation

The PowerLite Pro Cinema 6010 projector provides astonishing placement flexibility with a 2.1x zoom ratio and vertical and horizontal lens shift (without image distortion).



## State-of-the-art connectivity

The PowerLite Pro Cinema 6010 has two HDMI 1.4 ports for flexible connectivity options. And, it is HDMI CEC (Consumer Electronic Control) compliant, providing automatic control functionality between DMI CEC compliant products.

## PowerLite Pro Cinema 6010 Features

- **A true 3D theater experience** — 2D and 3D, Full HD 1080p technology puts you right in the middle of exciting, lifelike adventures
- **2D-to-3D conversion** — easily transform 2D images to spectacular 3D
- **Advanced 3D technology** — Epson's Bright 3D Drive technology for enhanced brightness in 3D Mode
- **Exquisite detail** — up to 200,000:1 contrast ratio, Super-resolution technology (2D Mode) and superior processing for the most discerning AV enthusiasts
- **Exceptional picture quality** — built-in cinema filter and THX certification
- **FineFrame technology** — smoother frame interpolation and sharper video quality (2D Mode)
- **Optimum output in any environment** — ISF calibration enables you to customize specific settings in 2D Mode; three layout options even display closed captioning
- **Split Screen<sup>3</sup> feature** — project two images side-by-side from two different sources
- **Included accessories** — two pairs of active shutter 3D glasses, plus spare lamp, cable cover and mount
- **Outstanding support** — three-year limited warranty; two-business-day replacement with free shipping<sup>8</sup>



▲ Built for flexible installation

# Amazing 3D performance

## Bright 3D Drive technology

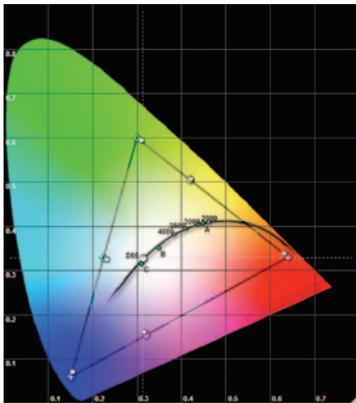
Enjoy thrilling 3D adventures right in the comfort of your living room. Featuring Bright 3D Drive technology, Epson's 480 Hz drive system minimizes the blackout time of 3D glasses and provides greater brightness for viewing 3D images.



### Included

Two pairs of active shutter 3D glasses are included, as well as a spare lamp, cable cover and mount.

## Imaging Science Foundation (ISF) calibration and color management features



The PowerLite Pro Cinema 6010 features Imaging Science Foundation certification for top video performance. And, it includes specific ISF picture memory modes, such as ISF Day and ISF Night, along with six other pre-named ISF memory modes and two additional modes. To prevent mis-adjustments that may inadvertently happen after installation

and calibration, critical adjustments can be locked. To assist with properly adjusting color saturation and hue (tint) using SMPTE color bar test patterns, the PowerLite Pro Cinema 6010 makes it possible to turn off the Red and Green imaging pixels, leaving only Blue. This allows the user to make adjustments without needing a gel filter. A Red-only mode is also provided.

## 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 setting** — 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

UltraBlack™ technology from Epson is an exclusive feature that provides for deeper, darker blacks — and thus, more vibrant and powerful images. With Epson's vertical alignment LCD technology, opaque or true black is the natural state. The difference is like watching television in a dark room with no windows versus watching it in a room with the shades drawn in the middle of the day. Light leakage spoils the viewing experience.



Astounding black levels deliver a stunning 1080p cinematic experience.

# PowerLite® Pro Cinema 6010

Home Theater Projector

Product Name	Product Code	UPC
PowerLite Pro Cinema 6010	V11H399020MB	0 10343 88512 7
Genuine EPSON Lamp	V13H010L69	0 10343 88651 3
Replacement Air Filter	V13H134A39	0 10343 88653 7
3D Glasses	V12H483001	0 10343 88657 5



## Specifications

**Projection System**  
EPSON 3LCD, 3-chip technology

**Projection Method**  
Front / Rear / Ceiling mount

**Product Color**  
Black

**Driving Method**  
EPSON Poly-silicon TFT Active Matrix, 0.74-inch wide panel with MLA

**Projected Output**  
HD, 2D, 3D, 1080p

**Pixel Number**  
2,073,600 dots (1920 x 1080) x 3

**Color Light Output<sup>1</sup>**  
2400 lumens

**White Light Output<sup>1</sup>**  
2400 lumens (ISO 21118 Standard)

**Aspect Ratio**  
Native 16:9 widescreen (4:3 resize)  
Compatible with 4:3 and 2.35:1 video formats with Normal, Full or Zoom Modes

**Native Resolution**  
1080p (1920 x 1080)

**Resize**  
16:10, 4:3

**Lamp Type**  
230 W UHE (E-TORL)

**Lamp Life<sup>5</sup>**  
Up to 5000 hours (ECO mode)  
Up to 4000 hours (Normal mode)

**Throw Ratio Range**  
1.34 – 2.87

**Size (projected distance)**  
30" – 300"

**Keystone Correction**  
Vertical ± 30 degrees (Manual)

**Contrast Ratio**  
Up to 200,000:1

**Color Reproduction**  
Full-color (1.07 billion colors)

**Color Processing**  
Full 10 bit (Digital Only)

## Projection Lens

**Type**  
Manual Zoom/Manual Focus

**F-number**  
2.0 – 3.17

**Focal Length**  
22.5 – 47.2 mm; widescreen image size (projected distance): 100" diagonal (wide: 9.8' – tele: 20.9')

**Zoom Ratio**  
1 – 2.1

**Lens Shift**  
Vertical: -96.3 to +96.3;  
Horizontal: -47.1 to +47.1

**Lens Cover**  
Powered, Slide Lens Shutter

## Other

**Display Performance**  
1920 x 1080 native (1080p); HD, 2D, 3D, 2D to 3D conversion  
2D: Dynamic, Living room, Natural, THX, Cinema  
3D: 3D Dynamic, 3D Cinema, THX3D

**EPSON Cinema Filter**  
Automatically adjusts to color mode (On: Natural/Cinema; Off: Dynamic/Living room/3D Dynamic/3D Cinema)

**Auto Iris**  
Automatically adjusts to video source; User selectable (High speed/Normal/Off)

**Input Signal**  
Composite: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM  
Component: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p  
HDMI: TMDS

**Terminal Inputs**  
1 RCA (composite), 3 RCA (component), 1 VGA D-sub 15 pin (computer input), 2 HDMI, 1 RS-232c (control I/O)

**Terminal Outputs**  
Trigger On/Off (3.5 mm stereo jack)  
RJ-45 (external 3D IR emitter)

**Computer/Video Compatibility**  
2D: WXGA, SXGA, XGA, SVGA, VGA  
3D: HDTV720p; HDTV1080p

**Computer Compatibility**  
PC, Mac®

## Other (continued)

**Operating Temperature**  
5 °C to 35 °C (41 °F to 95 °F)

**Power Supply Voltage**  
100 – 240 V AC ± 10%, 50/60 Hz

**Power Consumption**  
100 – 120 W  
364 W (Normal Mode)  
274 W (ECO Mode)  
0.27 W Standby (Communication On)  
0.27 W Standby (Communication Off)

**Fan Noise**  
22 – 32 dB

**Security**  
Kensington Security Lock Port

## Dimensions (W x D x H)

**Including feet** 17.6" x 15.6" x 6.3"  
**Excluding feet** 17.6" x 15.6" x 5.6"  
**Weight** 18.4 lb

## Remote Control

**Features**  
Front and rear directional

**Operating Distance**  
32 feet (10 meters)

**Operating Angle**  
-30 degrees to +30 degrees

**Parental Controls**  
**Power Button Lock**  
Hinders projector from being turned on without parental supervision

## What's in the Box

PowerLite Pro Cinema 6010 projector, two pairs of EPSON active shutter 3D glasses, ceiling mount, cable cover, spare lamp, power cord, two HDMI cable clamps, remote control with AA batteries, CD ROM with user's guide link

## Optional Accessories

Genuine EPSON lamp	V13H010L69
Replacement air filter	V13H134A39
3D glasses	V12H483001
External 3D IR emitter	V12H484001
Projector ceiling mount	CHF2500
Cable cover, black	V12H003010
Anamorphic lens kit	ELPFALK
Remote control	1558188
PixiePlus™ control system for EPSON projectors	ELPSP10
Belkin Pro Series VGA / SVGA cable – 6 ft	F3H982-06
Belkin Pro Series VGA / SVGA cable – 10 ft	F3H982-10
Belkin Pro Series VGA / SVGA cable – 25 ft	F3H982-25
Belkin PureAV HDMI Audio Video cable – 3 ft	AV22300-03
Belkin PureAV HDMI Audio Video cable – 6 ft	AV22300-06
Belkin PureAV HDMI Audio Video cable – 12 ft	AV22300-12
Repair/Exchange 1-year extended service plan	EPPSNVHTRC1
Repair/Exchange 2-year extended service plan	EPPSNVHTRC2

## Packaging Specifications

<b>PowerLite Pro Cinema 6010</b>	22.5" x 19.9" x 13.6" (W x D x H) Weight 25.60 lb
<b>Genuine EPSON Lamp</b>	6.3" x 5.6" x 5.6" (W x D x H) Weight 0.80 lb
<b>Replacement Air Filter</b>	6.0" x 3.3" x 1.7" (W x D x H) Weight 0.10 lb
<b>Ceiling Mount</b>	13.0" x 13.4" x 4.3" (W x D x H) Weight 6.40 lb
<b>3D Glasses</b>	3.0" x 8.8" x 3.2" (W x D x H) Weight 0.30 lb
<b>3D IR Emitter</b>	3.0" x 5.8" x 2.5" (W x D x H) Weight 0.40 lb

1 Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.  
2 For use with external fixed or movable anamorphic lens options  
3 The Split Screen feature can only use one digital input source at a time. The other source must be an analog source (PC/Component or Composite video). However, two different analog input sources can be used at the same time.  
4 Data source: ProjectorCentral.com Jan. 2011. Average of 1038 shipping models for which manufacturers provided lumens and total power data, all resolutions and brightness levels.  
5 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.  
6 See our website for convenient and reasonable recycling options at [www.epson.com/recycle](http://www.epson.com/recycle)  
7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.  
8 Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Two-Business-Day delivery.