



Front cover photo:

Kitchen with California Title 24 compliant design
Lutron Experience and Education Center
Irvine, California

- (9) 26W dimmable compact fluorescent recessed lighting
- (4) T5 HO fluorescent under-cabinet lighting
- (4) 75W incandescent pendant lighting over island
- Lutron Sivoia QED roman shades



| ENVIRONMENTAL BENEFITS STATEMENT | | | | |
|---|------------------|-------------------|---------------|------------------|
| Lutron Electronics saved the following resources by using Chorus Art Gloss (FSC), manufactured with 10% recycled wood or fiber content. | | | | |
| trees | water | energy | solid waste | greenhouse gases |
| 4 fully grown | 2,531 gallons | 4 million BTUs | 324 pounds | 521 pounds |
| <small>Environmental impact estimates were made using the Environmental Defense Paper Calculator. For more information visit http://www.papercalculator.org.</small> | | | | |



www.lutron.com

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299
World Headquarters 1.610.282.3800

Technical Support Center 1.800.523.9466
Customer Service 1.888.LUTRON1
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Ten energy saving solutions from Lutron



Today, more and more products are designed to be energy efficient. From the cars we drive to the appliances we use, saving energy is at the forefront of our purchasing decisions.

Light control offers many ways to help the environment, while beautifying your home. Lutron dimmers and light control systems let you use just the right amount of light, reducing electricity usage. Dimming also extends light bulb life.

Lutron leads the industry in controlling energy efficient light sources. Lutron invented fluorescent dimming in 1974, and full-range dimming is now possible for a wide range of fluorescent lamp types. The trend toward LED lighting for accent and general lighting is growing, and Lutron is there to control it.

Our controllable shading systems reduce heating and cooling costs—increasing energy savings throughout the home.

Lutron is committed to helping you to find new ways to save energy...beautifully.



Lutron light control saves energy, while beautifying the environment you call home.

Four areas where Lutron brings real value:

Energy

Homeowners are driven by concern for the environment and an eye toward cost savings. Lighting is a key component, representing 20% of electricity use in the home. Lutron lighting control provides a wide array of energy-saving solutions.

Economics

Green design is the new metric for architects, interior designers and homeowners. Lutron offers solutions to meet the increasing demands for energy efficient design.

Education

Lutron offers customer education to enlighten designers, architects and our network of installers on the benefits and methods for employing control systems: high efficiency light sources, combined with dimming, to extend the energy savings.

Elegance

Many energy savings strategies require a willingness to sacrifice. Light control systems for daylight and electric light bring both energy savings and ambiance to your home. Save energy beautifully with Lutron.

The top 10 energy saving solutions offered by Lutron home light control systems:

1 Dimming

Dimming incandescent and halogen lighting saves energy. Today's halogen lights produce nearly twice the light per watt as commonly used incandescent lights. The bright white light of halogen fades to a warm glow when dimmed.

| dimming the lights about | saves electricity | extends incandescent bulb life |
|--------------------------|-------------------|--------------------------------|
| 10% | 10% | 2 times longer |
| 25% | 20% | 4 times longer |
| 50% | 40% | 20 times longer |
| 75% | 60% | 20 times longer + |

2 Fine-tuned light output

A HomeWorks® system can be set to fine-tune the maximum output of your lighting. Lowering light levels to 90% saves energy, and is nearly imperceptible to the eye. It also doubles the life of your bulbs—reducing the number sent to landfills.

3 Automated lighting

Our astronomic time clock turns lights on at sunset and off at sunrise, or at a preset time. Lights can be controlled to create safe pathways and automate dramatic lighting of landscaping and architecture. It's light when you need it—energy savings when you don't.



Automate your outdoor lighting to save energy.

4 Fluorescent lighting control

Fluorescent lighting is both highly efficient and more controllable than ever. Fluorescent light fixtures for residential use are becoming more readily available.

5 Customized preset light and shade control

GRAFIK Eye® QS architectural lighting control models your energy use from lighting—and displays it as a visual reminder that reduced light levels mean increased energy savings.



Grafik Eye® QS – Energy savings you can see.

Sivoia™ QS shade control is integrated on-board, enabling complete control of the lighting in any room.

6 Reduce solar heat with Lutron shading solutions

Sivoia QED™ controllable shading solutions reduce heating and cooling costs. They also provide unparalleled beauty, privacy and convenience while protecting furnishings and finishes from harmful UV rays.



Sivoia QED shades can save 10% on heating and cooling costs.

7 LED lighting control

The use of highly efficient LED lighting for general and accent lighting is on the rise. Lutron can control and dim LED lighting from most manufacturers. To learn more, ask for our LED Application Note #138.

8 Occupancy sensors

Occupancy sensors—as a component of a Lutron light control system—provide light when and where you need it. They are perfect for interior pathways and exterior lighting areas that require illumination only when someone is present.



Ceiling mounted occupancy sensors provide light only when you need it.

9 Reduce usage of select lights and fans

Manual-on and automatic-off for bath lighting and fans, closet lights, and other short-duration uses, reduces usage of lights and fans left on for long periods. A great way to save energy.

10 Save energy—even while away

The HomeWorks® system enhanced vacation mode records the way lights and shades are used, playing it back while you're away.

This feature creates a powerful crime deterrent by simulating occupancy. We now offer “vacation mode trim,” which can be programmed to trim back lighting by an added amount—reducing energy use. It also allows playback of lighting events that happen only at night.



Enhanced vacation mode reduces light levels while you are away.