

What is Lighting Control?

LIGHTING CONTROL IS A CONTROL SYSTEM THAT INCREASES COMFORT AND CONVENIENCE WHILE HELPING YOU GO GREEN!

Quality lighting is an important aspect of our daily life, providing practical as well as psychological benefits. Light control is the ability to regulate the level and quality of light in a given space for specific tasks or situations. Controlling light properly not only enhances the experience; it helps to save energy by using light when and where it is needed most. Lighting control has the following benefits

- **Convenience**
- **Increases Comfort and Improves Productivity.**
- **Going Green Saves Energy and Money**
- **Electric Shading – controlling natural light**
- **Aesthetics**
- **Security**
- **Safety**

1. **Convenience**

Lighting control is so convenient. That is why it emerged in the first place, and that's why so many people like the simplicity of one button control. Lighting control pays for itself five times a day: GOOD MORNING, GOODBYE, WELCOME HOME and GOOD NIGHT. And sometime during the day you're going to hit the COOKING or RELAX button. Lighting control is one product people will never give up once they've lived with it. Here's another big convenience for lighting control: Dimming can extend the life of a light bulb, which is especially compelling in big rooms with high ceilings. By dimming a bulb you can significantly increase bulb life and reduce the number of times you have to replace bulbs. By utilizing the astronomic time clock you can set events to happen relative to sunrise or sunset or at a specified time during the day or night. Say good bye to your outdoor lights coming on at the wrong time of day and always adjusting your timers.

2. **Light Control Increases Comfort and Improves Productivity.**

Energy-saving light controls provide a comfortable and productive visual environment. Enhancing the comfort levels of a space leads to increases in productivity. Better lighting not only can reduce the energy consumption of a room, it can improve the quality of work from its

occupants. While there are many ways to reduce energy use, most involve sacrificing something. Few actually enrich the quality of living and working area like dimmers. Dimmers and other lighting controls allow individuals to adjust light levels for specific entertainment options, enhance ambiance, set a mood, and take advantage of daylight to reduce energy use.

3. Going Green/Saving Energy and Money

Through the use of dimming, occupancy sensors and HVAC control you can save money while still maintaining the optimal temperature and lighting. Tired of finding lights on in rooms with no one in them, occupancy and vacancy sensors prevent the lights staying on when a space is unoccupied.

All light sources use less energy when dimmed. While incandescent lights are typically associated with dimming, all lighting sources, including halogen, CFLs, and, LED bulbs, can be dimmed. Heating Ventilation & Air Conditioning (HVAC) control let you have the house at exactly the temperature you want while saving money.

4. Shading – Controlling Natural Light

Shading solutions (electronically controlled shades) are also energy efficient and can be tied into Lutron's Radio Ra2 system. Shading systems save energy by harvesting daylight and reducing the load on HVAC systems, making any project more eco-friendly. Shading can also be made from eco-friendly materials. Sustainable materials from Lutron are either PVC-free or are 100% recycled. This has allowed some fabrics to receive certification from third-party organizations such as GREENGUARD® and Oeko-Tex®. Shading also provides another major benefit. It prevents the sun from bleaching out the color of your beautiful furniture and rugs. Over time the power effect of the sun will cause the color to fade in your rug, floors and furniture. Shading is a way to protect your investment in your house and keep it looking its best.

5. Aesthetics

Lighting can make a room look beautiful in so many different ways. You can light the same space in four different ways and have it look completely different. Naturally for homeowners with art collections, lighting can enhance (or diminish) their paintings, photography, and sculptures. Aesthetics extend to the outdoors as well. Lighting Control reduces wall clutter when you have multiple banks of switches combined together. With Radio Ra 2 you can replace these with one keypad and will make the space more appealing. With Lutron's design tool we can help accessorize and colorize your space with data receptacles, outlets and much more. If your space requires a specific color then we can provide you with a solution. From our satin or gloss finishes to our metal wall plates we can help customize your space around your interior designer.

6. Security

Lighting control is an obvious complement to a traditional alarm system. Lights can be programmed to flash upon an alarm event. A PANIC button can sound the alarm and turn on all lights to full brightness. Lights can go on and off randomly to simulate occupancy while the homeowners are away. Never come home to a dark house with Lutron's car visor solution. By pushing a button and turning on the exterior light, the garage lights, or a pathway of lights leading to the hallway and kitchen.

Going on vacation? Press the vacation button to activate vacation mode now Radio RA2 which turn lights on and off based on your past usage.

7. Safety

Even highly coordinated individuals can stumble in the dark. Automated lighting can reduce the chance of tripping at night, or even during the day when coming in from the bright sunlight. Pathway illumination is a common effect for a lighting control system that provides a safety benefit especially where kids and seniors are involved? A lit house is a safer house than one that's dark while and owner is away.

Unique Features of Lutron's Radio RA2

Wireless - perfect for retrofit or new construction.

- A few rooms to a whole home solution, Lutron's Radio Ra 2 can be added and modified at any time.
- Flexible - allows for changing of button functions to change the way your lighting system works as your lifestyle changes.
- Aesthetics - keypads and devices in a number of styles and colors to help paint the space with the right light.
- Safety - Car visor control to open the garage and turn on light with just one button press
- Astronomic time clock - you can set events to happen relative to sunrise or sunset or at a specified time during the day or night.
- Great iPad interface
- HVAC control
- Shade Control

