

# Bright Ideas for Energy Conservation

*Enhance safety and improve lifestyle at work and at home*



Whether you are looking for ways to save energy, enhance safety and security or improve the lighting effects of your surroundings, lighting control offers all of these benefits and more. Lighting control is an easy and affordable way to save energy, increase security, reduce maintenance and enhance the livability of individual rooms and open spaces. Skyrocketing energy costs have made intelligent light management one of the smartest and most practical technologies to implement in your home or business.



CentralLite® Systems offers very affordable solutions for both hardwire and wireless applications that will pay you back in reduced power bills, added safety and greater enjoyment of your surroundings.

  
CENTRALITE®  
LIGHTING CONTROL SOLUTIONS



## Cut Energy Costs

Lighting accounts for 12 -15% of the electricity consumed in an average home and up to a whopping 30% in commercial buildings.\*\* Lighting control makes it easy to turn off lights that aren't needed and to ensure that all lights are off when you leave each day. Incandescent lights can be programmed to a preset dim rate which not only saves electricity but extends bulb life. Thermostats and other devices such as pumps, motors and blinds can also be connected to Centralite systems and programmed to run on an automated schedule.

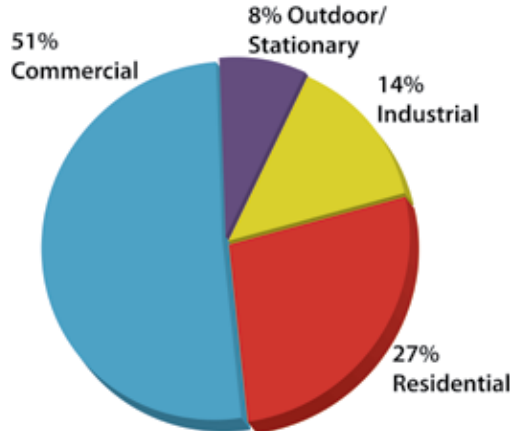
| Save Energy on Your Electric Bill and Increase Incandescent Light Bulb Lifespan by Dimming |                    |                   |
|--|--------------------|-------------------|
| Lights dimmed this much  | Electrical Savings | Extends Bulb Life |
| 10%  | 10%                | 2X                |
| 25%  | 20%                | 4X                |
| 50%  | 40%                | 20X               |
| 75%  | 60%                | >20X              |



## Reduce Maintenance

Changing light bulbs is a hassle. It can also be difficult. As a result of the popularity in recessed lighting and the height of today's ceilings, changing light bulbs often requires special equipment or even a professional. Centralite's dimming features significantly increase light bulb life, reducing the frequency of burn outs. In fact, dimming incandescent and halogen lighting will extend bulb life—doubling it for every 10% dimming level.\*\*\* The savings in time and aggravation, not to mention bulb costs, can be substantial over the life of the system.

## U.S. Lighting Energy Consumption



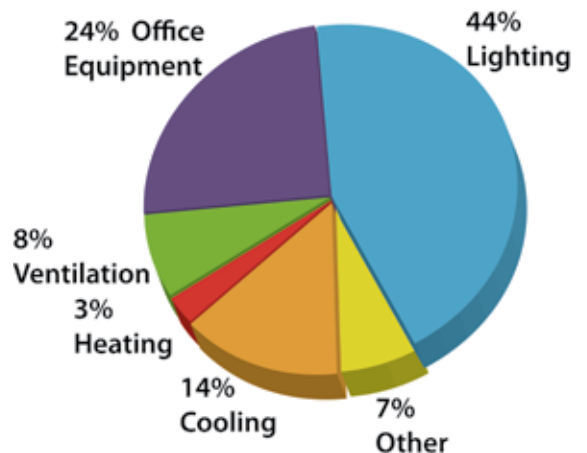
Lighting represents one-fifth of electrical consumption in the United States.

Source: U.S. Department of Energy

Lighting is the #1 consumer of energy in commercial building and schools and is a primary source of heat gain and waste heat.

Source: U.S. Department of Energy, Energy Information Administration

## Commercial Energy Consumption



• Source The American Lighting Association

\*\*Source US EPA Energy Star Building Manual

\*\*\*Home Lighting Alliance

## Increase Safety and Security

Adequate lighting should be part of any comprehensive security plan. Proper lighting is essential to preventing injuries and deterring intruders. Centralite systems provide numerous safety and security features around the effective use of lighting. One of the most useful features is the ability to turn all lights on (or off) instantly in an emergency. Another is the system's power to create lighted pathways—inside and out. Pathways can be programmed to turn on at an appointed time or be triggered with a remote switch, such as a car visor controller. No one ever has to walk in darkness again.

Additionally, lighting can interface with security or smoke detection systems to turn on in an instant or signal for help. Lighting can be configured to illuminate a trail to safety when either system is tripped and flash to alert approaching authorities and neighbors to an emergency situation.



## Enhance Aesthetics

Lighting control dramatically influences the visual impact of a space. Pre-determined lighting arrangements and dimming levels can affect mood, focus attention, and give definition to your surroundings. With lighting control, a single tap of a button can generate a sequence of events, creating the perfect setting for a movie, relaxation, entertaining, or other activities.

*Remember the maxim, less is more?* That is the essence of Centralite lighting control systems. Less wall clutter. Fewer switches.

Virtually no intervention. Intelligent keypads eliminate the wall clutter associated with traditional light switches. By controlling multiple actions with a single button, fewer switches are needed and users avoid the tour around a room to turn lights on and off. Those actions are centralized and automated within a Centralite smart keypad. Many decorator styles are available and keypads can be positioned in a discreet location in any room.

## Award-Winning Products

Saving lighting energy requires either reducing electricity. Centralite designs award-winning wireless and hardwire solutions for homes, businesses and light commercial settings. Whether it's for new construction or a retrofit project, Centralite has the right lighting control system to answer your need for energy savings, improved security and enhanced convenience.

**Elegance™ XL**, a centralized panel-based dimming system, is designed for new construction installations. The system, capable of controlling up to 192 lighting loads, can be further expanded to control other electrical and motorized devices through the use of optional low voltage and high voltage relay boards, fan speed control boards and other accessory options. Numerous low voltage keypad color and style choices are also available.



**JetStream™**, powered by traditional wiring, can be used in new or retrofit applications. The award-winning JetStream technology is completely controllerless, simple to install and a very easy and affordable way to get started in lighting control.



**Contact your Centralite representative today to find out more about all of Centralite's innovative lighting control and energy management solutions.**

Compliments of:



*Centralite® manufactures residential and commercial lighting control solutions for new and existing construction. Our systems are designed to be simple, reliable, and affordable!*

r.08.08 \*Features vary by product. Specifications subject to change