



Create a sustainable healing environment

**Healthcare**  
patients  
staff  
environment



save  
energy  
with  
Lutron™



**LUTRON**®



## How Lutron light control solutions create a sustainable healing environment

### patients

- improve patient comfort
- reduce stress and anxiety
- support natural circadian rhythms
- enable the patient to personalize their visual environment without relying on nurses and staff

### staff

- improve productivity
- provide a higher level of comfort and satisfaction
- relieve job stress
- provide lighting levels that are most appropriate for the task at hand

### environment

- cut wasted lighting energy costs
- reduce labor, maintenance, and operation costs
- reduce landfill waste
- lower greenhouse gas emissions
- maximize the effective use of daylight
- lower electrical power rates and eliminate penalties

“The physical environment has a direct effect on the healing process. It promotes more efficient healing, resulting in shorter stays, faster recovery of the patient, and improved staff performance.”<sup>1</sup>



<sup>1</sup> Source: *Lighting for Hospitals and Healthcare Facilities*, The IESNA Committee for Healthcare Facilities.

# Enhance the healthcare experience

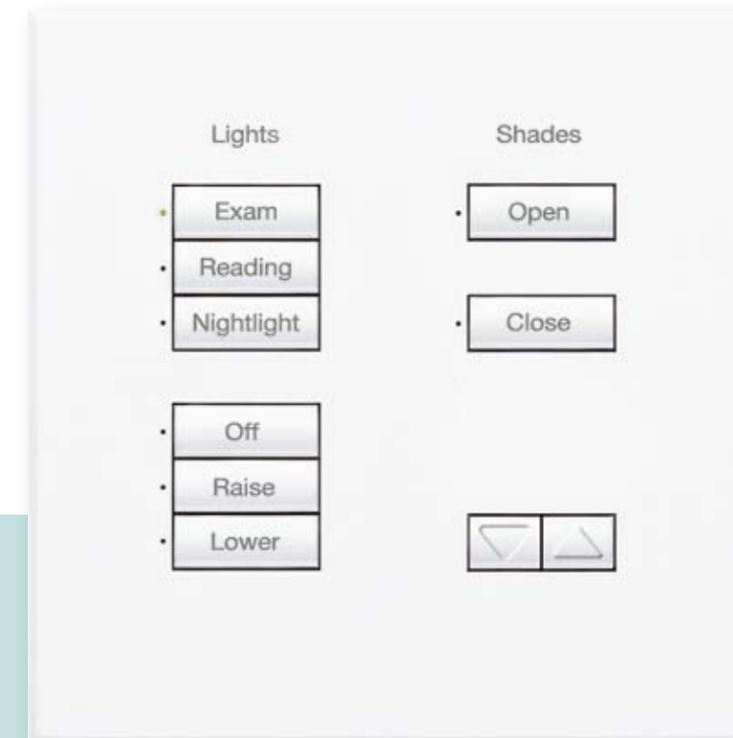


## A happier, healthier patient

Studies strongly support that proper light, both natural and artificial, can improve health outcomes. Daylight and access to views of nature also have a positive impact on the health and well-being of patients. Further research suggests that a patient's mood and perceptions are affected by the degree of control they have over their environment. Patient rooms should be designed with these factors in mind as well as accommodating the daily activities of the staff.



“The ability to manipulate the environment, including bedside control of lighting and window shades, contributes to a patient’s psychological outlook, rate of healing, and quality of stay.”<sup>1</sup>



**seeTouch™** controls give the patient, family, and staff convenient and intuitive control of lighting and shades. Integration with patient controls enables patients to personalize their environment.

<sup>1</sup> Source: *How Design Impacts Wellness*, Ulrich, R.S., Healthcare Forum Journal

Support the quality of care



## Better lighting for better results

Intuitive light controls help make nurses and staff more productive. From full light for reading charts and dispensing medications, to dimmed light for working on computers, proper lighting can relieve jobs stress, improve performance and reduce medical errors. Adjusting lights to a level best for the task at hand supports physicians, technicians and staff to deliver the highest quality of care.



“...task performance is critical to the health of the patient. In these cases, the primary guideline for the design of the illumination should be to aid the performance of the task.”<sup>1</sup>

**EcoSystem**® fluorescent lighting control cost-effectively integrates personal control, daylight sensing and occupancy sensing, giving users an unprecedented level of control over the lighting within a space.

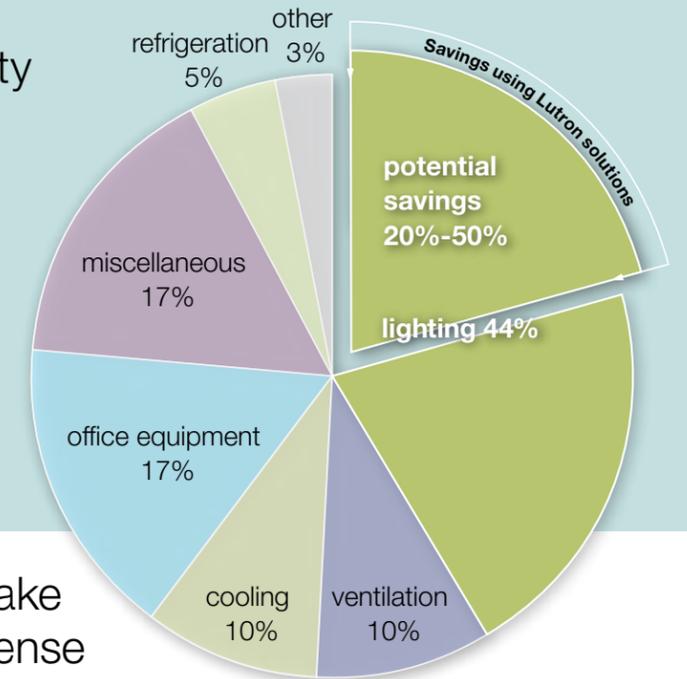
<sup>1</sup> Source: *Lighting for Hospitals and Healthcare Facilities*,  
The IESNA Committee for Healthcare Facilities.

# A sustainable built environment



## Lighting uses the most electricity in a healthcare facility.<sup>2</sup>

Lutron light control reduces lighting energy usage dramatically, making it a major component of green design. Lighting control also extends lamp life, reducing the hazardous waste created when old lamps are discarded. Using a variety of energy-saving strategies, healthcare facilities can reduce their operating costs and shrink their carbon footprint substantially.



## Lutron light control solutions make environmental and economic sense

Lutron solutions contribute to energy savings, and reduce the carbon footprint of your facility. Year after year, Lutron systems pay for themselves.

### Reduced maintenance costs

Dimming results in longer lamp life, less time re-lamping, and less money spent on new lamps.

### Waste reduction

Extended lamp life reduces potentially hazardous waste when lamps are replaced and thrown away.

### LEED® certification

Lutron light control can contribute to obtaining up to 20 points in 4 of 6 LEED credit categories.

“...when hospitals adopt green building and design approaches that minimize ecological harm, patient healing and staff satisfaction increases, and hospitals serve as leading environmental stewards in their communities.”<sup>1</sup>



<sup>1</sup> Source: *Designing the 21st Century Hospital: Environmental Leadership for Healthier Patients, Facilities, & Communities*, The Center for Health Design.

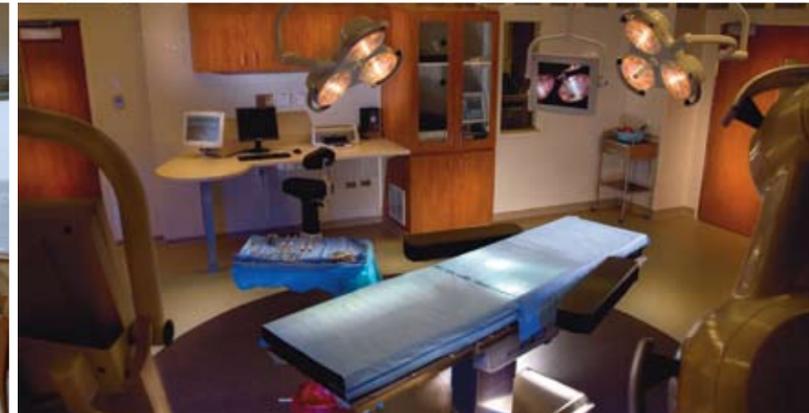
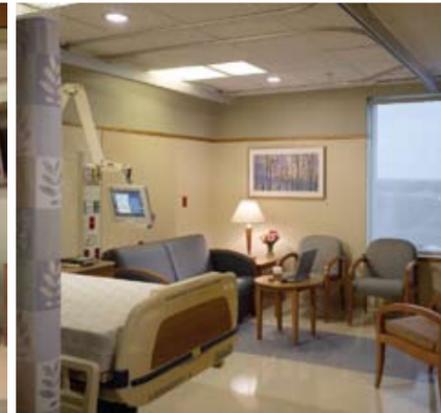
<sup>2</sup> Source: Energy Consumption Survey, The US Energy Information Administration.

## the Lutron commitment

### A history of sustainability, innovation, and quality



Lutron is a company built on a belief in taking care of people: customers, employees, and the community. We are a proud member of the U.S. Green Building Council. And since 1961, we have been designing and delivering industry-leading light control technologies that enhance the visual environment, save energy and reduce greenhouse gas emissions.



We innovate in advance of emerging market needs and continually reinforce our quality, our delivery, and our value.

Lutron owns over 250 patents and manufactures more than 15,000 products. For over 45 years, we have met and exceeded the highest standards of quality and service. Every one of our products is quality-tested before it leaves the factory.

### Global service and support

You can count on a level of support unequalled anywhere in the industry and anywhere in the world. Lutron provides 24/7 technical phone support. Lutron Field Service, made up of a global network of customer-focused field service engineers, provides world-class service that begin before your building is commissioned and continue throughout the life of your building.

Call Lutron today at 1.866.299.2073 and you will be connected to a Lutron representative who will help you identify your healthcare light control opportunities.



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[www.lutron.com/healthcare](http://www.lutron.com/healthcare)

[healthcare@lutron.com](mailto:healthcare@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

