

Lutron Brings Energy-Savings Through Total Light Management to Greenbuild 2010

—Products support energy-savings and sustainable initiative—

Chicago, IL (November 16, 2010)—Energy-saving products, educational events and new business opportunities will be the highlights at Greenbuild, the largest gathering of representatives from all sectors of the green building movement, November 16-18 in Chicago.

Lutron Electronics Co., Inc., the world leader in the design and manufacture of light control and shading solutions, will showcase its comprehensive lineup of innovative, eco-friendly and practical cost-saving technologies in Booth 2023 with a simple message: Save Energy with Total Light Management. Lutron solutions support sustainable initiatives while enhancing the aesthetics, productivity and usability of a space.

Lutron continues to educate customers—building owners, facility managers, consultants, specifiers, architects, engineers, contractors, builders and remodelers—and the public that light control is the best method for bringing energy efficiency to commercial and residential spaces.

Booth Highlights

NEW Diva/C-L dimmer and Credenza/C-L plug-in lamp dimmer—Lutron is pleased to introduce two new dimmers, Diva®/C-L and Credenza®/C-L, that work not only with today's most popular light bulbs, like incandescent and halogen, but also with dimmable CFLs and LEDs, which are expected to become even more widely adopted over the next 10 years. By installing one of these new dimmers, users will be able to reliably control the widest range of dimmable light sources available.

NEW Hi-lume® A-Series LED Driver—This new LED driver from Lutron is the most versatile driver currently available on the market. LEDs use less energy than CFLs and last for 50,000 hours—both benefits enhanced by the Lutron Hi-lume® A-Series LED driver. This LED driver is a high-performance, universal voltage driver that provides energy-efficient LED dimming smoothly and continuously from 100 percent to 1 percent of total light output. The Hi-lume A-Series LED driver is unmatched in its flexibility and dimming performance. It can also integrate with a multitude of lighting control products.

NEW EcoSystem® H-Series Ballast—Lutron has expanded the new EcoSystem H-Series Ballast line to include 347V options and a universal voltage 3-lamp version for T8 32Watt lamps. The EcoSystem H-Series ballast is a cost-effective option that offers increased flexibility, superior performance and easy installation. The ballasts are compatible with EcoSystem digital control components, including the EcoSystem Energi Savr Node™ module, GRAFIK Eye® QS with EcoSystem preset light and shade controller, and Quantum®. Lutron light control solutions provide full control over the lighting in any space – from a single room to an entire building – providing users unprecedented levels of flexibility and comfort while saving energy.

NEW GreenScreen® Revive™ Fabrics for roller shades—Lutron answers the ever-increasing need for environmentally friendly fabrics by introducing new GreenScreen Revive for roller shades. GreenScreen Revive fabrics are comprised of Repreve® polyester pre- and post-consumer waste (water bottles). The new fabric will achieve Cradle to Cradle certification upon its launch. Made in the USA, GreenScreen Revive fabric is 100% recyclable and available in 1%, 3% and in 2011 5% openness factors.

NEW Venetian Blinds with Intelligent Tilt Alignment™— Venetian blinds are an attractive and effective way to ensure privacy, while still allowing daylight to filter into a space. Lutron is pleased to introduce Intelligent Tilt Alignment technology, which maintains uniform tilt and lift positions across blinds, combines smooth, quiet motion with independent control of lift and tilt and features presets to recall blinds to a predetermined height and tilt angle for the ultimate in performance and style.

Quantum® Total Light Management—Lutron's signature commercial light control solution optimizes the effective use of light to save energy (60% or more), simplify operations, and improve both comfort and productivity. A solution for both new construction and retrofits, Quantum automatically dims or switches all electric lighting and controls daylight using (Lutron) automated window shades. New advancements include Hyperion™ software for dynamic shading based on the sun's position, and the new external roof-mounted Cloudy Day Sensor. Additionally, a Green Glance™ program tracks energy savings via a display screen.

Smart Grid Demand Response Capabilities—Lutron promotes the broader use of its existing technologies currently used in many whole home and whole building lighting systems. Lutron hopes to move quickly to help connect power utilities' "smart metering" to the electrical infrastructure in both homes and commercial spaces.

Energi Savr Node™ product family—A simple, programmable and totally modular solution for controlling light and saving energy in any commercial space. Energi Savr Node can be used to control ballasts and connect occupancy/vacancy sensors, daylight sensors and wallstations for total light management. Ideal for retrofits and new construction, each module can be installed locally, without the need to connect to a central panel.

Radio Powr Savr™ Wireless sensor product family—Wireless, innovative sensors designed for easy installation and optimum savings. Radio Powr Savr occupancy/vacancy sensors provide the user with a simple way to go green at home or at work. Specifically designed for quick and simple installation in conference rooms, copy rooms, small offices, classrooms, living rooms, bedrooms, restrooms, and other spaces where automatic lighting shut-off is desirable. The Radio Powr Savr daylight sensor reduces electric lighting to take advantage of available daylight.

GRAFIK Eye® QS with Wireless Technology—A breakthrough energy-efficient light control product with wireless capability. The GRAFIK Eye QS is a fully customizable preset light and shade control system, providing convenient control, energy savings and enhancement of the visual environment. Now armed with wireless technology, GRAFIK Eye QS enables effortless communication, seamless integration and complete control of lights and electronically-controlled shades.

RadioRA® 2—RadioRA 2 is a wireless light control system that provides convenient and intuitive control of lights, shades, audio-visual devices, and temperature in a single room or throughout a whole home. It installs easily, programs quickly and operates reliably thanks to Clear Connect™ RF Technology.

The Ivalo® Collection—The new LED collection of fixtures and pendants. Ivalo fixtures and pendants combine sensuous design with high-power, energy-efficient LED illumination, and can be used as a single piece or in groups throughout a space. A variety of models are available in matte finishes and custom colors.

Sivoia® QS Wireless Shading Systems—Sivoia QS Wireless roller shades bring style and precision control to any space, offering simple, scalable solutions for both new construction and retrofit installations. A selection of sustainable roller shade fabrics will also be shown, all featuring PVC-free construction, with many GREENGUARD® and/or Oeko-Tex® Standard 100 certified and made with 100% recycled materials. Also premiering is the new Basketweave Silver fabric, a dual-sided fabric with an aluminum backing to allow for greater energy savings by reflecting more daylight while still maintaining the view to the outside.

Partnerships and Participation

Virginia Tech Lumenhaus Display

The Lutron Quantum Total Light Management System controls electric light and daylight in the Virginia Tech Lumenhaus home through an Apple® iPhone™ application developed by the Virginia Tech team. The system makes use of switching and dimming loads, draperies to control daylight entering the space and occupancy/vacancy sensors to turn the lights off when rooms are not occupied. The home is equipped with fluorescent and LED lighting, including a special installation that illuminates the ceiling.

Eco Options® Exclusively at The Home Depot®

Lutron eco-dim® dimmers will be on display in The Home Depot booth (# 1801) along with a selection of Eco Options products. Eco Options is a product classification whose items meet certain environmental performance criteria, allowing consumers to easily identify products that have less of an impact on the environment than traditional products and empowers them to help make a difference in their own homes. Since the launch in 2007, The Home Depot has increased the number of environmentally-preferred products from 2000 to nearly 4,000 products. Lutron's eco-dim is the only dimmer line to earn inclusion into the Eco Options program, because eco-dim dimmers guarantee at least 15 percent energy savings compared to standard light switches and offer automatic energy savings compared to standard dimmers. For additional background on the program, visit www.homedepot.com/ecooptions.

For more information, visit Lutron at Greenbuild 2010, November 16-18 in Chicago's McCormick Place West Convention Center, Booth #2023.

Editors and Writers at Greenbuild 2010

A thumb drive press kit is available at the Lutron Booth (# 2023). To schedule an interview with Lutron representatives, please see contact information below.

About Lutron Electronics Co., Inc.

Lutron Electronics Co., Inc., headquartered in Coopersburg, Pa., is the world leader in the design and manufacture of light control solutions for both residential and commercial applications. The company offers a wide variety of lighting controls, whole-home and whole-building dimming systems, and electronically controlled shading solutions. Lutron products save energy, increase space flexibility, and enhance occupant comfort and productivity, making them essential to any home and building. For more information, view www.lutron.com.

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Corporate Contact

Paul Licata
Lutron Electronics Co., Inc.
610.282.6398
plicata@lutron.com

Agency Contact

Kate Toy
Domus, Inc.
215.772.2161
ktoy@domusinc.com