

**Lightfair International 2011:  
World Leader Lutron Electronics Co., Inc.  
to Feature New High-Efficacy Lighting Controls at Booth # 501**  
*—Lutron offers versatile products that control all high-efficacy light sources while providing energy-savings and superior performance—*

**Philadelphia, PA (May 17, 2011)**—Lutron Electronics Co., Inc., the world leader in the design and manufacture of light control and shading solutions, will showcase its comprehensive lineup of high-efficacy light control solutions at Lightfair International 2011, booth # 501.

**High-Efficacy Lighting Controls**

Lighting accounts for up to 38 percent of the electric energy usage in commercial buildings, according to the U.S. Department of Energy. This represents a huge opportunity to reduce both energy consumption and costs *by combining* high-efficacy light sources with lighting controls. This combination maximizes energy savings.

The annual Lightfair Trade Show & Conference takes place this year May 17<sup>th</sup> – 19<sup>th</sup> at the Pennsylvania Convention Center in Philadelphia, Pennsylvania.

**Booth Highlights**

**NEW Energi TriPak™**—Lutron is proud to announce a cost-effective, wireless lighting control system for single-spaces. The Energi TriPak is an energy-saving solution comprised of load controllers that communicate via Lutron Clear Connect™ RF technology to Radio Powr Savr® occupancy/vacancy and daylight sensors and Pico® wireless controls. The Energi TriPak load controller offerings include: Maestro Wireless® dimmers and switches, PowPak® plug-in modules, and new PowPak junction box mounted devices. This system was designed for classrooms, private offices and other single space applications where simple installation without the need for additional wiring is desired.

**NEW products in the NEW Energi TriPak system**

**NEW PowPak® Load Controllers**—Lutron is pleased to introduce a new line of wireless junction box mounted devices for single spaces. The PowPak load controllers are available in three control options: dimming with EcoSystem®, line-voltage switching with Softswitch®, and low-voltage contact closure output. The load controllers communicate wirelessly with Radio Powr Savr sensors and Pico wireless controls, allowing for occupancy sensing, daylight harvesting, and local control without the need for additional wires. With easy installation and simple button-press programming, these solutions are ideal for retrofit projects.

**NEW Radio Powr Savr® Occupancy/Vacancy Sensor**—Lutron has enhanced the aesthetics of our award-winning Radio Powr Savr ceiling-mount sensor. The new version of the wireless sensor possesses a smaller form factor and the ability to be recess mounted (mounting bracket sold separately). The sensor diameter measures just 3.57", a reduction of nearly a 0.5" from the original version. The updated aesthetic assists in minimizing the visual impact of the sensor.

**Booth Highlights continued**

**NEW C·L Dimmers**—Lutron is pleased to introduce new dimmers: Diva® C·L, Ariandni® C·L and Credenza® C·L. These dimmers 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 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.

**NEW Hi-lume® A-Series LED Driver**—This LED driver from Lutron is the most versatile driver currently available. LEDs use less energy than CFLs and last for 50,000 hours—benefits which are 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 LED Control Center of Excellence**—This resource is devoted to providing answers to all questions about LED lighting control solutions. Compatibility between the LED array, driver, and control is essential so that products perform safely and customer expectations are met. As part of the LED Control Center of Excellence, Lutron has developed an LED Product Selection Tool, located on the LED website - [www.lutron.com/LEDTOOL](http://www.lutron.com/LEDTOOL), explaining which Lutron dimmer/solution can be used with current LED products, and the level of performance that can be expected from each combination. There are three ways to reach the LED Control Center of Excellence: 1.877.DIM.LED8, [LEDs@lutron.com](mailto:LEDs@lutron.com), and [www.lutron.com/LED](http://www.lutron.com/LED).

**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 Venetian Blinds with Intelligent Tilt Alignment technology, which maintains uniform tilt and lift positions across blinds. This technology 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.

**NEW EcoSystem® H-Series Ballast**—Lutron has expanded the 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 Energi Savr Node™ with EcoSystem module, GRAFIK Eye® QS with EcoSystem preset light and shade controller, and Quantum®.

**NEW QS timeclock**— The QS Timeclock is an easy-to-use astronomic timeclock that provides automatic control of lights and shades from a single device on the QS link. The preset adjustment of lights and shades throughout the day increases productivity while meeting energy codes that require the automatic adjustment of lights. The QS Timeclock is compatible with Lutron lighting control systems – Energi Savr Node with QS sensor module, GRAFIK Eye QS scene controllers, Sivoia QS shades.

**NEW Wired Pico® keypad**—Featuring the same functionality as the wireless Pico controller, the wired Pico keypad saves energy and increases occupant comfort and productivity, while allowing for personal control of lights in a commercial environment. The wired Pico keypad is a cost effective solution for light control, easy to install and easy-to-use.

**NEW QuantumSelect**—QuantumSelect allows you to create your own system by choosing just the functionality you want for your project. Start with one of the standard packages and then add on more parts and pieces to create the system perfect for your project. Available packages include: Hyperion, BMS Subsystem, MinEnergy, and Choice.

**Energi Savr Node™ Product Family**—Simple, programmable, and totally modular solutions for controlling light and saving energy in any commercial space, Energi Savr Node Modules 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.

**GRAFIK Eye® QS with Wireless Technology**—A breakthrough energy-efficient light control product with wireless capability, 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 automated shades.

**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 plans to move quickly to help connect power utilities' "smart metering" to the electrical infrastructure in both homes and commercial spaces.

**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 comfort and productivity. A solution for both new construction and retrofits, Quantum automatically dims or switches all electric lighting, controls daylight using automated window shades, and provides the ability to integrate with other manufacturer's building management systems through BACnet IP communication. New advancements include Hyperion™ solar adaptive shading based on the sun's position, and the new external roof-mounted Cloudy Day Sensor. Additionally, the Green Glance™ program tracks energy savings via a display screen.

**HomeWorks® QS**—HomeWorks QS offers unparalleled total home control that provides increased energy savings, is easier to install and program, and features greater integration capabilities than before, including lights, shades, HVAC and appliances. Lutron HomeWorks QS whole-home light control system has been the preferred solution of choice by discerning homeowners and professional installers for more than a decade. The latest version offers increased flexibility and integration options.

**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.

**About Lutron Electronics** ([www.lutron.com](http://www.lutron.com))

Lutron Electronics, headquartered in Coopersburg, Pennsylvania, designs and manufactures energy-saving lighting controls, automated window treatments and appliance modules for both residential and commercial applications. Its innovative, intuitive products can be used to control everything from a single light, to every light, shade and even stand-by power in a home or commercial building. Lutron products make any space more versatile, while enhancing ambiance, comfort and productivity. They also save energy and make light bulbs last longer, making them an eco-friendly addition to the home and workplace. Founded in 1961, Lutron estimates that the installed base of its products saves the nation nearly 10 billion kWh of electricity, or approximately \$1 billion in utility costs per year. Lutron manufactures more than 16,000 energy-saving products, sold in more than 100 countries around the world.

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