



LIGHTING 
for
tomorrow

2014

Residential
Lighting
Controls
Competition





Lighting for Tomorrow presents the best lighting control products from the 2014 competition. The lighting control products featured in this brochure combine innovation with a winning design to provide high quality, energy efficient lighting and product connectivity.

What defines lighting controls in 2014?

The Lighting Controls portion of the 2014 competition was open to lighting control manufacturers who make stand-alone or system-based lighting control products suitable for residential applications. The submission categories included: dimmers, motion sensors, vacancy sensors, occupancy sensors, photosensors, timers, combination and multiple-function devices, demand response monitoring and evaluation devices, and “smart” controls and systems.

Why is *Lighting for Tomorrow* looking at lighting controls this year?

The ways that lighting controls are made, used and integrated into today’s residential lighting systems are changing rapidly. No longer is a lighting control simply a switch or dimmer; it’s an integral part of the lighting system to expand functionality, enhance appearance and, more recently, to help with the effort to reduce lighting energy use. Lighting controls are mandated by law in some areas for certain rooms, applications or fixture types. A particular challenge for control manufacturers is the growing need to dim and control mixed loads in lighting situations where incandescent, fluorescent and LED light sources are used together. Fortunately, new industry standards are making the task of matching controls to fixtures easier and this year’s control products proved to be “smarter” than ever before displaying features such as self-calibration to maximize dimming performance and internet integration to mesh with the growing use of mobile apps and personal communication devices.

criteria	considerations
1. Functionality	<ul style="list-style-type: none">• Does the control product work the way it is described?• Does it perform well with energy efficient technologies?
2. Value	<ul style="list-style-type: none">• Do you think the product provides good value for money?• Does the performance and materials appear to be commensurate with the price range?
3. Ease of Installation	<ul style="list-style-type: none">• How simple would this be for a consumer to install?• For complex systems is the professional installation process straight forward?
4. Ease of Use	<ul style="list-style-type: none">• How simple would this be for a consumer to use?
5. Innovation	<ul style="list-style-type: none">• Has this product employed new and exciting technology, materials or design?• Do the new features provide additional benefit to the consumer?
6. Ability to Interface with Other Systems	<ul style="list-style-type: none">• How well does the control product work with other systems?• Do you foresee any problems installing this in a home with existing lighting control devices?
7. Compatibility with Existing Luminaries	<ul style="list-style-type: none">• How well does this control work with legacy lighting technology?• How well does this control work with LED technology?

Who selected the winning products?

The 2014 *Lighting for Tomorrow* judging panel consisted of eight judges drawn from various areas of the residential lighting community. The judging panel included a diverse cross-section of experts in lighting technology, lighting sales, energy efficiency, standards and safety, lighting design, and communications.

Judges

Juan Caamaño

UL
Melville, NY

Richard Greenburg

Southern California Edison
Rosemead, CA

Kelly Roberson

Better Homes & Gardens
Lighting Magazine
Des Moines, IA

Monty Gilbertson

Lighting Design
by Wettstein
La Crosse, WI

Pamela Horner

IES
Boston, MA

David Thayer

Pacific Gas &
Electric Company
San Francisco, CA

Bud Goolsby

Coastal Lighting
Wilmington, NC

Patricia Rizzo

Lighting Research Center
Troy, NY

Winner

Lighting Control

Caséta™ Wireless

Lutron Electronics



Giving clients a connected home has never been easier, more reliable or as affordable. Lutron's Smart Bridge Pro connects Lutron Caséta™ Wireless dimmers, Serena® battery-powered shades and Pico® remote controls to a simple app that provides convenient control from anywhere.

Product Specs

Features:

- In-wall and plug-in dimmers available
- Wall plates snap on with no visible means of attachment
- Ideal for retrofit applications; no neutral required
- Up to 150W dimmable LED or 600W incandescent or halogen
- Pico® remote control features 10-year battery life
- Can also be controlled from select 3rd-party security, A/V and connected home systems

Product: Caséta™ Wireless

Dimensions:

In-wall dimmer and switch:

4.7"H x 2.9"W x 1.4"D

Plug-in dimmer:

3.1"H x 2.2"W x 1.2"D

Smart Bridge Pro:

1.2"H x 2.8"W x 2.8"L

Availability:

Caséta™ Wireless dimmers are available at Lutron Authorized Lighting showrooms, distributors, and dealers as well as Home Depot and select Staples stores.

The Smart Bridge is available at Lutron Authorized Lighting showrooms, Lutron distributors, and dealers.

Contact Information:

Lutron Electronics

7200 Suter Road

Coopersburg, PA 18036

1 (888) LUTRON1 (588-7661)

www.casetawireless.com

Judges' Remarks:

An intuitive, flexible control system



2014

Honorable Mention Serena® Battery-Powered Roller Shades Lutron Electronics

These ultra-quiet battery-powered shades install wirelessly and can be operated from anywhere in the room using a remote control.

Product Specs

Ratings:

Operating Voltage: 6-12V
Operating Wattage: 5 W
Speed: 3.6"/second

Compatible Controls:

- The Serena® Roller Shades can be controlled with the Lutron Smart Bridge and app
- Pico® remote control features 10-year battery life

Features:

- Operates on regular D-cell batteries that last 3 - 5 years; batteries can be changed without removing the shade
- Built in wireless communication

Product:

Serena Battery-Powered Roller Shades

Dimensions:

15-96" W x 12-96" H

Availability:

Serena® Battery-Powered Roller Shades are available at select Lutron Authorized Lighting showrooms, distributors, and dealers. They are also available at select Staples, Home Depot and Lowe's locations.

Contact Information:

Lutron Electronics
7200 Suter Road
Coopersburg, PA 18036
1 (888) LUTRON1 (588-7661)
www.lutron.com/serena



Organizers

Lighting for Tomorrow is a residential energy efficient lighting product design competition organized by the American Lighting Association, the Consortium for Energy Efficiency (CEE), and UL.



Sponsors

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