



Release Date September 16, 2008

Contact: Eileen Eaton
Consortium for Energy Efficiency
617-589-3949 x 203
eeaton@cee1.org

Lighting for Tomorrow 2008 Winners Announced!

Washington, D.C. – The sixth annual Lighting for Tomorrow competition attracted a large group of beautiful new designs in energy-efficient lighting, including 56 solid state lighting (SSL) models incorporating light-emitting diodes and 40 models using compact fluorescent lighting.

Thirty-two companies submitted LED entries of which 4 were recognized in the Near-term applications category. Traditional light fixture manufacturer, **Kichler Lighting** was recognized for its under-cabinet light fixture Design Pro Series. **Luximo**, from California, won in the portable desk/task lighting category with its Cylindrium design. Another new comer was **Digital Lighting Inc.** who received an honorable mention for its task/desk light fixture MP-400. Last year's grand prize winner, LED Lighting Fixtures (LLF) now **Cree LED Lighting Solutions**, was selected as the winner in the recessed downlight category with its LR4 downlight. Honorable mentions in the new Other Applications category included **Cree LED Lighting Solutions** for its LR24, **Osram Sylvania** for its HF2Stick, and **Journée Lighting** for its Lotus LED Luminaire.

This year, two new categories were added to the fluorescent competition, one for outdoor living fixtures and the other for indoor recessed downlights. Of the 18 companies that competed in the four compact fluorescent categories, 11 different manufacturers were recognized.

New Jersey-based **MaxLite** received the grand prize for indoor fixture families with its Brigantine line. Past winners **American Fluorescent**, **Lithonia**, and **Progress Lighting** were again recognized for their indoor CFL lighting collections. **Cooper Lighting** was selected as a winner and received an honorable mention in the new recessed downlight category. **Lightolier** was also recognized for its recessed product.

Designers Fountain, **Savoy House**, and **Sea Gull Lighting** all returned to win in the traditional outdoor CFL fixture family category. Competition newcomer, **Lighting by Branford** of Guilford, Connecticut, earned an honorable mention for their innovative and dark sky friendly fixture family, Glarebuster. New York-based **Royce Lighting** swept the new outdoor living category with three winning fixture families.

Awards were presented at the American Lighting Association Annual Conference in Washington D.C. on Sept. 16. The competition is designed to stimulate the market for attractive, energy-efficient residential lighting fixtures that use a fraction of the electricity of standard incandescent fixtures. By encouraging new designs and technologies, *Lighting for Tomorrow* aims to increase market acceptance and awareness of the growing opportunities in energy-efficient lighting.

Winners will be showcased in four publications: 1) a "Yearbook" featuring the fluorescent indoor and outdoor fixture families; 2) the SSL Winners Brochure, highlighting the LED-based winners; 3) a new construction brochure aimed at home builders, and highlighting the fluorescent winners that are especially builder friendly, i.e., widely available in quantity; and 4) a consumer brochure providing a quick snap shot of the highest scoring products.

To download these publications, for information about where to purchase these products, and for complete details on the competition, see www.lightingfortomorrow.com.

ABOUT LIGHTING FOR TOMORROW

Lighting for Tomorrow, launched in 2002, is organized by the American Lighting Association (ALA), the U.S. Dept. of Energy (represented by Pacific Northwest National Laboratory), and the Consortium for Energy Efficiency (CEE). More than two dozen energy-efficiency organizations nationwide participated in supporting this latest competition.

INDOOR FIXTURE FAMILIES

GRAND PRIZE AND WINNERS

Grand Prize: MaxLite's Brigantine Fixture Family

The Brigantine Collection combines the color and mood reminiscent of the days of oil lamps and tall ships, with a modern sophistication of GU24 compact fluorescent energy efficiency and a mood setting light source. The decorative glasswork has a warm glow, and creates a very flattering light. The accompanying scrolled metalwork has a rich matte finish of oiled brass. The collection features a sconce, flush mount ceiling fixture, a hanging pendant, a wall sconce, a single light vanity, a 3 light vanity, as well as a 3 light chandelier and a 5 light chandelier. Dimmable GU24 bulbs can be purchased separately and can be used with any of the Brigantine Collection Fixtures and can be used with any standard incandescent dimming switch.



Brigantine by MaxLite

Winner: American Fluorescent's Carson Fixture Family

The Carson series offers a simple, elegant design for residential, hospitality, and office spaces. Faux alabaster diffuser, oil rubbed bronze finish and unique decorative details, make any space feel warm and inviting. There is a dimming option available on select models. This family includes a large and small pendant, a semi-flush, a vanity, and a wall sconce.

Winner: Lithonia Lighting's Izoro Fixture Family

Simple, clean lines define the Izoro family. The black bronze finish is reminiscent of hand crafted iron work and accents the angular lines and sophisticated form. Cream colored glass creates a warm and inviting ambiance in any room of the home. The Izoro is available in a 3- or 5-light chandelier, sconce, and 3- or 4-light vanity.

Winner: Progress Lighting's Westin Fixture Family

Arching rectangular arms with strap accents compliment the etched glass in the Westin line. Available in Brushed Nickel and Antique Bronze finishes. The collection features a 5-light chandelier, a 4-light linear chandelier, a single and 3-light vanity, a 3-light hall & foyer fixture, a 3-light pendant, a mini pendant, and a 2-light flush mount.



Carson by American Fluorescent



Izoro by Lithonia Lighting



Westin by Progress Lighting

TRADITIONAL OUTDOOR FIXTURE FAMILIES

WINNERS AND HONORABLE MENTION



Sedona by Designer's Fountain

Winner: Designer's Fountain's Sedona Fixture Family

The harmony and balance found in this Mission style collection recalls the simplicity and grace of Sedona. This family includes different size wall lanterns, a post mount and a flush mount.

Winner: Savoy House's St. Andrew Fixture Family

Savoy House is proud to introduce the St. Andrew family of exterior lanterns. Designed by Pierce Paxton Studios, this craftsman inspired collection features the best selling New Tortoise Shell finish, Umber glass and a decorative leaf motif that will enhance today's lodge and cottage homes. Energy Star® and Dark Sky qualified, St. Andrew is a full family that includes 4 wall lanterns, one hanging lantern and a post mount. All fixtures in this group utilize the GU-24 base, and photocells add convenience and energy savings.



St. Andrew by Savoy House



Eternity by Sea Gull Lighting

Winner: Sea Gull Lighting's Eternity Fixture Family

Contemporary and Artisan combine to create a clean but elegant look for outdoor lighting. Brushed nickel stands up against the elements and clear highlighted satin etched glass is easy to maintain. Eternity's look is ideal for commercial and hospitality outdoor lighting, as well as multifamily and single family outdoor spaces. The family consists of 7 different fixture options, including 4 wall lanterns sizes, which makes selection and placement easy for nearly every wall application. Flush and hanging fixture options for the ceiling are welcome choices for entries, porticos, porches or summer kitchens. The 3-light outdoor pendant is especially nice for an outdoor dining area. The 3-light post-top is ideal for entry walks and courtyards.

Honorable Mention: Lighting by Branford's Glarebuster

Now Energy Star® qualified & IDA approved, the GlareBuster meets the most stringent lighting standards for LEED construction and outdoor lighting codes. With architecturally neutral styling to compliment any décor, this neighbor-friendly floodlight is also unrivaled for visual comfort at night. Features include: full cutoff optics, built-in photocell and the revolutionary GlideLock™ mounting system. Optional adapters allow for mounting under eaves, or on post tops. Available in a white or bronze finish.



Glarebuster by Lighting by Branford

OUTDOOR LIVING FIXTURE FAMILIES

WINNERS



Winner: Royce Lighting: a Generation Brands Company's Madison Fixture Family
Bring the inside outside with these decorative indoor/outdoor Energy Star® Table and Floor lamps in Tuscan Bronze Finish. Beige weather resistant shades are removable for washing. These lamps are portable and can be plugged in anywhere.

Winner: Royce Lighting: a Generation Brands Company's Palo Alto Fixture Family
Decorative Outdoor Energy Star® Lighting includes chandeliers and wall sconces typical of your interior lighting fixtures. Each fixture has curved arms and an Espresso finish with Sepia Tinted Glass.

Winner: Royce Lighting: a Generation Brands Company's Campiello Fixture Family
Decorative outdoor Energy Star® lighting family of fixtures includes post lamps, and convertible lanterns. Corinthian Bronze finish with sepia tinted glass panels. Post lamp is portable and can be plugged in anywhere. Lanterns are convertible and can be built as a wall mount or a post, or pendant.



Palo Alto by Royce Lighting



Madison by Royce Lighting

Campiello by Royce Lighting

RECESSED DOWNLIGHTS

WINNERS AND HONORABLE MENTION

Winner: Cooper Lighting's Halo Fixture Family

Halo's compact fluorescent recessed downlights combine high light output with pleasing color temperatures and accept a wide range of trims guaranteeing a solution for any lighting need. The downlights now feature a full range of dimming capabilities from 15% to 100%. The family also includes two new compact fluorescent Slope Ceiling Housings in both dimmable and non-dimmable versions, which provide pleasing illumination by aiming the lamp straight down in alignment with ceiling pitch. The 5" and 6" aperture downlights are AIR-TITE™, and IC rated (for use with direct contact with insulation). The Air-Tite™ feature saves energy by preventing airflow from a conditioned room into attic spaces.



Halo by Cooper Lighting

Winner: Lightolier's Square Downlight Fixture Family

This new line of frames and precision optics is designed to provide superior performance and exceptional aesthetics at a time when energy efficiency is paramount. First, the frame-in kits have been designed for performance and ease of installation. Built around their industry recognized Lytensing installation technique, there are numerous user-friendly features. The trim optics, specifically designed for use with compact fluorescent lamps, provide the ultimate in performance, style and aesthetics. Designed with the consumer in mind, these optics outperform a standard incandescent lamp while maintaining the warmth and functionality of incandescent lighting.



Square Downlight by Lightolier

Honorable Mention: Cooper Lighting's Iris Fixture Family

The meticulously designed IRiS Square downlights feature a two-stage optical system producing smooth distribution with excellent light control and dimming down to 5%. The series seamlessly integrates with contemporary architecture in prestigious residential properties. Innovative features include an adjustable collar that can be rotated $\pm 7.5^\circ$ and raised/lowered by 1/2" through the aperture to provide precise alignment. Optical elements (trims) can produce various light distributions including open downlight, wall wash and lens/shower applications. All optical elements are available in three flange styles including a die cast metal ring that can be easily removed in the field to facilitate faux painting to match any décor. A self-flanged style is available and a true rimless version (eliminating the flange) provides a minimal ceiling presence. Optional plated trim rings are offered in Satin Nickel, Antique Copper and Tuscan Bronze and all reflectors are available in 8 Alzak® semi-specular high quality finishes. Trims rings are also available in a corrugated texture to add visual interest and reduce aperture brightness.



Iris Downlight by Cooper Lighting

SOLID STATE LIGHTING FIXTURES

WINNERS AND HONORABLE MENTIONS

Near-term Applications:

Undercabinet Lighting for Kitchens

Winner: Kichler Lighting's Design Pro Series

Kichler® Design Pro Series™ LED lighting utilizes economical energy efficient LED technology to create cabinet and task lighting fixtures that are compact, dramatic, and low maintenance by providing 40,000 hours of lamp life. The slim line, half inch profile of the under cabinet fixture is nearly invisible under most any cabinet or configuration. The newest addition to Kichler's LED offering is the sleek and economical LED Bright Disc™. These ultra thin, 3/8 inch profile, aluminum discs have a 2-3/4 inch diameter and provide a warm white, energy efficient light under and around your cabinets. All Design Pro products use 1 watt high brightness LEDs (CCT 3000K) with excellent color rendering of greater than 90 CRI .



Design Pro Series by Kichler

Desk/Task Lighting



Cylindrium by Luximo

Winner: Luximo's Cylindrium

The award winning Cylindrium LED Task light is a high efficiency luminaire that fulfills the promise of energy efficiency without sacrificing light quality in a beautiful form. The light output is dimmable and comparable to a 75W incandescent fixture. The task light also designed with the warm high color fidelity of a halogen, while maintaining the energy efficiency higher than Energy Star requirements. The versatile head positioning allows the lamp to function as a low glare traditional desk lamp as well as a wall or ceiling wash.

Honorable Mention: Digital Lighting Inc.'s MP-400

Digital Lighting Inc.'s MP-400 desk lamp provides tunable white light to suit individual reading preference and the four directional light sources provide the user with flexibility to adjust the light to its source.



MP-400 by Digital Lighting

Recessed Downlights



LR4 by Cree LED Lighting Solutions

Winner: Cree LED Lighting Solution's LR4

The LR4 architectural downlight is designed for use in commercial and residential applications and is available with a moderate or deep recess angle offering flexibility to meet diverse lighting design requirements. The LR4 generates light in a new way that enables an unprecedented combination of light output, efficacy, beautiful color, and affordability.

Other Applications:

Honorable Mention - Efficacy: Cree LED Lighting Solution's LR24

The LR24 is an architectural lay-in that delivers unprecedented LED fixture performance. It utilizes Cree technology that generates white light with LEDs in a new way and combines high efficacy, beautiful color, and affordability. The use of this technology releases the design constraints of traditional lay-ins and enables a fresh approach to the architectural appearance of the light. It also allows an optimal distribution of light that delivers high light levels to horizontal surfaces, balanced with an ideal amount of light to vertical surfaces, resulting in an effective, attractive, and comfortable environment.



LR24 by Cree LED Lighting Solutions



HF2Stick by Osram Sylvania

Honorable Mention - Flexibility: Osram Sylvania's HF2Stick XB Sx

The OSRAM product is a high-performance, high-brightness linear LED module. Each board contains integrated 5-pin mating connectors that allow for easy installation and board-to-board connection. The HF2Stick XB Sx-Series of products are optimally paired with OSRAM SYLVANIA power supply and heatsink. The LED modules can easily be placed within the heatsink by means of standard 4-40 screws. The HF2Stick XB Sx Series can achieve a variety of color temperatures and it does not radiate ultra violet or infrared light.

Honorable Mention - Design: Journée's Lotus LED Luminaire

As a result of collaborative efforts between Journée's industrial designers, mechanical engineers and thermal engineers, the LOTUS Luminaire features an aluminum housing which was designed to not only appeal to the eye aesthetically, but also performs as an active heat sink. The LOTUS is available in a wide range of Energy Star® recognized color temperatures, various beam angles and includes an onboard 3-position WattageAdjust® switch that provides a choice of three brightness settings of 6W, 11W and 16W. The LOTUS is designed to be used in conjunction with Journée's specification-grade Monorail Track and/or Monopoint systems.



Lotus by Journée

GENERAL INFORMATION

Background

Lighting for Tomorrow was launched in 2002 to encourage and recognize excellence in design of energy-efficient residential lighting fixtures. Ultimately, *Lighting for Tomorrow* seeks to help increase the market availability of energy-efficient residential lighting fixtures and increase the marketing, promotion and sales of these fixtures through primary distribution channels for the new construction and renovation markets.

This is accomplished by encouraging manufacturers to develop a new generation of innovative and attractive residential lighting fixtures that are energy efficient. Designs are evaluated on the basis of attractiveness, value, marketability, innovation, and functionality.

In 2008, there were two categories in the competition for different light sources: fluorescent and white light-emitting diodes (LEDs). In the fluorescent category, 2008 was the fourth consecutive year that an emphasis was placed on fixture families, lighting products that complement each other – aesthetically and technically – and can be purchased as a set for the home. ENERGY STAR® qualification is required for all fluorescent winners. Entrants in the LED category were required to submit a prototype fixture in one of several niche applications that competition organizers had identified as ripe for that technology.

Past winners include Lithonia Lighting, American Fluorescent, Lightolier, Forecast, and Justice Design Group. For information about past finalists and winners, visit www.lightingfortomorrow.com.

***Lighting for Tomorrow* Yearbook**

In past *Lighting for Tomorrow* competitions, three or four fixture designs were recognized with top awards, in addition to several finalists. This year, 14 fixture families have been selected to be featured in the *Lighting for Tomorrow* Yearbook. The seven outdoor fixtures and seven indoor fixtures are highlighted in two-page spreads in the Yearbook.

The 2008 yearbook was unveiled during an award ceremony at the ALA Annual Conference in Washington D.C. Sept. 16. About 10,000 copies of the Yearbook will be distributed to retailers and builders nationwide.

“The winning designs will also be promoted by energy-efficiency organizations that are sponsoring the competition,” said ALA Director of Engineering and Technology Terry McGowan, also a co-manager of the competition. “In many cases, these efficiency organizations will be offering financial incentives for the purchase of these energy-saving fixtures.”

Organizers and sponsors

Lighting for Tomorrow is organized by the American Lighting Association (ALA), the U.S. Dept. of Energy (represented by Pacific Northwest National Laboratory) and the Consortium for Energy Efficiency (CEE).

About two dozen energy-efficiency organizations nationwide have combined to pledge more than \$150,000 to sponsor the 2008 competition.



Release Date September 16, 2008

Contact: Eileen Eaton
Consortium for Energy Efficiency
617-589-3949 x 203
eeaton@cee1.org

JUDGES

In order to create a diverse panel, *Lighting for Tomorrow* organizers selected judges from many areas of the lighting industry, including those who sell, design, evaluate and write about residential lighting. Below are the judges for the 2008 Design Competition.

HOME BUILDERS

Tina Bircher	KB Home	Orlando, FL
Robert Smart	Anderson/ Vanguard Homes	Cary, NC

LIGHTING SHOWROOMS

Laurie Gross	Gross Electric	Toledo, OH
Sanford Friedman	Accipter Gallery	Raleigh, NC

LIGHTING DESIGNERS

Bjarne Pedersen	Architectural Lighting Design	Oakville, ON
Liesel Whitney-Schulte	Wisconsin Focus on Energy	Madison, WI

JOURNALISTS

Steve Cooper	<i>Better Homes & Gardens Lighting</i>	Des Moines, IA
Jessica Kellner	<i>Natural Home and Garden</i>	Topeka, KS

LIGHTING ENERGY-EFFICIENCY EXPERTS

Gregg Ander	Southern California Edison	Irwindale, CA
Ken Kempel	Underwriter's Laboratories	Research Triangle Park, NC
Chris Primous	ICF Consulting	Washington, DC
	(representing ENERGY STAR®)	

HOW THE ENTRIES WERE SELECTED AND JUDGED

Minimum technical requirements for fluorescent entries

- Designs must support dedicated energy-efficient lighting fixtures for the home and surrounding area. Fixture design cannot allow retrofit with a screw-based lamp.
- Proposed fixtures must be consistent with the requirements of the ENERGY STAR Residential Light Fixtures Eligibility Criteria, version 4.0.
- Proposed fixtures and components must be rated for use in residential buildings and must meet all applicable national standards and building codes.

Evaluation criteria

Fixture family designs were evaluated on the basis of:

POTENTIAL MARKET IMPACT

Attractiveness
Value
Marketability

INNOVATION

Design
Use of materials
Components

FUNCTIONALITY

Providing high-quality illumination for the intended application

Minimum technical requirements for solid-state lighting entries

- Near term application fixtures must be consistent with the requirements of the ENERGY STAR Solid State Lighting Eligibility Criteria, version 1.0.
- Other category fixtures must use LEDs with a minimum luminous efficacy of 50 lm/W.

Evaluation criteria

Fixture designs were evaluated on the basis of:

- Color appearance
- Color rendering
- Appropriate illuminance
- Application efficiency
- Aesthetic appearance and style
- Innovation
- Dimmability
- No off-state power use
- Dark-sky friendly

CO-SPONSORS

The following Consortium for Energy Efficiency members made direct financial contributions to *Lighting for Tomorrow 2008*:

BC Hydro
Bonneville Power Administration
California Energy Commission
Cape Light Compact
Connecticut Light & Power Company
Efficiency Vermont
Hydro Québec
Long Island Power Authority
MidAmerican Energy
National Grid
Natural Resources Canada
New Jersey Clean Energy Program
New York State Energy Research and Development Authority
Northwest Energy Efficiency Alliance
NSTAR Electric
Ontario Power Authority
Pacific Gas & Electric Company
Puget Sound Energy
Sacramento Municipal Utility District
San Diego Gas & Electric
Seattle City Light
Southern California Edison
Tacoma Power
United Illuminating
Western Massachusetts Electric Company
Wisconsin Focus On Energy
Xcel Energy