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2006 LIGHTING FIXTURE DESIGN COMPETITION

www.lightingfortomorrow.com

***Lighting for Tomorrow* honors 12 manufacturers Lithonia Lighting, American Fluorescent top the list**

LAS VEGAS – Lithonia Lighting and American Fluorescent were once again the dominant manufacturers at the fourth annual *Lighting for Tomorrow* competition, but they had plenty of company. A total of 12 manufacturers, including six newcomers (**shown in bold**), made the final cut.

With five finalists each, Lithonia Lighting and American Fluorescent produced the most winning designs for fixture families. Justice Design Group (three), **Dolan Designs** (three) and **Deancoins Company** (two) were the other multiple winners. Also receiving recognition were:

Eclipse Lighting

Good Earth Lighting

Hunter Lighting Group

Kichler Lighting

Progress Lighting

Quorum International

Sea Gull Lighting

A total of 26 designs were recognized by a panel of judges that included lighting professionals and retailers, journalists, homebuilders and energy-efficiency program administrators (page 6).

Awards were presented at the American Lighting Association Annual Conference in Las Vegas on Sept. 12. Nearly 60 fixture families, about double the number of entries into the 2005 competition, had been submitted. Designs were evaluated on the basis of attractiveness, value, marketability, innovation, and functionality. ENERGY STAR® qualification was required for all winners.

The competition is designed to stimulate the market for attractive ENERGY STAR® residential lighting fixtures that use up to two-thirds less electricity than 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.

Manufacturers were required to submit designs of fixture families rather than single products. Fixture families are lighting products that complement each other – aesthetically and technically – and can be purchased as a set for the home. There were separate categories for indoor and outdoor fixture families, providing builders and consumers with better options for choosing energy-efficient lighting.

Yearbook of ENERGY STAR Fixtures

To achieve its objectives, *Lighting for Tomorrow* organizers took a new approach in 2006. While past competitions have made only a small number of awards, this year's event is recognizing 26 fixture families that are highly attractive as well as energy efficient. The broad range of manufacturers and the variety of styles and price points among the recognized designs speaks to the growth of the decorative energy-efficient lighting market.

Winners were selected on the basis of style, innovation and functionality. About 10,000 copies of the Yearbook will be distributed to retailers and builders nationwide.

"The Yearbook is designed to be a resource for lighting showrooms, builders and energy-efficiency programs," explained CEE Senior Program Manager Rebecca Foster, who is co-managing *Lighting for Tomorrow*. "The fixture families selected to appear in the Yearbook emphasize style, efficiency, and compatibility with a range of interior design requirements."

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). About two dozen energy-efficiency organizations nationwide have combined to pledge more than \$150,000 to sponsor this latest competition (page 7).

INDOOR FIXTURE

2006

Good Earth Lighting

San Miguel

Suitable for home or office, design lines work well with many different styles of decor. The torchiere includes a full-range dimmer.

Fixture types:

- Wall sconce Pendant
- Floor lamp Table lamp
- Desk lamp Torchiere



Sea Gull Lighting Products

Carlisle & Grace

Utilizing a transitional style, applications include hallway lighting, kitchen wall washing, bath wall lighting and all-around functional accent lighting.

Fixture types:

- Wall sconce
- Pendant
- Track light



Lithonia Lighting

Neo-Steele

Polished brushed nickel steel finish and white diffuser make this family the perfect complement to modern kitchen appliances

Fixture types:

- Surface-mount (two styles)
- Vanity bar
- Single pendant
- Triple pendant



Hunter Lighting Group

Sanctuary

Mission-styled family has a graphite finish with inner-ribbed cylinder frosted glass shades. This family fits most residential applications.

Fixture types:

- Chandelier Vanity bar
- Wall sconce Close to surface
- Pendant Island Light



FAMILIES

WINNERS

American Fluorescent

Aria

Sleek with minimal ornamentation, designs feature opaque glass diffusers and clean satin nickel. Vanity is available in two finish choices.

Fixture types:

- Wall sconce 3X drop pendant linear
- Pendant 3X drop pendant circular
- Vanity bar



Kichler Lighting

Olympia

Designed to complement a group of incandescent fixtures, achieving energy savings in the highest-use applications.

Fixture types:

- Pendant
- Surface-mount
- Indirect pendant



Deancoins Company

Xena

Sustainable design uses recycled and reused plastic tubing as lamp shade. The lamp shade can be slightly transformed in irregular shapes.

Fixture types:

- Wall sconce
- Floor lamp
- Pendant
- Table lamp



HONORABLE MENTION

American Fluorescent	Restoration Glasgow Facets	Justice Design Group	Dakota Melted Bend Square Dakota Broken
Deancoins Company	Rice	Lithonia Lighting	Meloe
Dolan Designs	Sylvan Park	Progress Lighting	International
Eclipse Lighting	Green Series	Quorum International	Dauphine

OUTDOOR FIXTURE FAMILIES

2006 WINNERS

Lithonia Lighting

Craftston

All models contain dusk-to-dawn photo control feature. Lanterns available in three different sizes (post top, pendant, and flush mount).

Fixture types:

- Post-mounted
- Ceiling-mounted porch
- Lantern



Lithonia Lighting

Weston

All fixtures are available in black or rustic silver with acid etched-glass shades. Easy installation and GU-24 ballast pin-base for easy replacement.

Fixture types:

- Post-mounted
- Pendant porch
- Lantern



Progress Lighting

Fairview

Clean-lined frames enclose etched glass to provide excellent illumination. Collection includes three sizes of wall-mount lanterns.

Fixture types:

- Post-mounted
- Wall-mounted porch
- Ceiling-mounted porch



HONORABLE MENTION

Dolan Designs

- La Mirage
- Vintage

Lithonia Lighting

- Kingsly

American Fluorescent

- Bilbao



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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 2006, for the second consecutive year, 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 winners.

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, 26 fixture families have been selected to be featured in the *Lighting for Tomorrow* Yearbook. The top three outdoor fixtures and top seven indoor fixtures (in terms of scores assigned by the judging panel) are highlighted in two-page spreads in the Yearbook.

The 2006 yearbook was unveiled during an award ceremony at the ALA Annual Conference in Las Vegas Sept. 12. About 10,000 copies of the Yearbook will be distributed to retailers and builders nationwide.

"The winning designs will also be heavily 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 2006 competition (see page 7).



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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 2006 Design Competition.

HOME BUILDERS

Matt Innes SCM Homes Modesto, Calif.
Aaron Metcalf Belmark Land & Homes Marysville, Wash.

LIGHTING SHOWROOMS

Jack Fleischer, CLC Hermitage Lighting Gallery Nashville, Tenn.
Linda Pavletich Premier Lighting Bakersfield, Calif.

JOURNALISTS

Shelley Hutchins Residential Architect magazine Washington, D.C.
Linda Kast Better Homes and Gardens Des Moines, Iowa

ELECTRICAL DISTRIBUTOR

Debbie Leff Leff Electric Company Cleveland, Ohio

LIGHTING ENERGY-EFFICIENCY PROGRAM MANAGERS

Gregg Ander Southern California Edison Irwindale, Calif.
Paul Vrabel, LC ICF Consulting Washington, D.C.
(representing ENERGY STAR®)

LIGHTING OR INTERIOR DESIGNERS

Markus Earley, LC earleylight Providence, R.I.
Delores Ginthner University of Minnesota (retired) Minneapolis, Minn.
Diana Grant Lighting Design Lab Seattle, Wash.

HOW THE ENTRIES WERE SELECTED AND JUDGED

Minimum technical requirements

- 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



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CO-SPONSORS

The following CEE members made direct financial contributions to *Lighting for Tomorrow 2006*:

Alliant Energy
BC Hydro
Bonneville Power Administration
California Energy Commission
Cape Light Compact
Connecticut Light & Power Company
Efficiency Maine
Efficiency Vermont
Long Island Power Authority
MidAmerican Energy
National Grid
New Jersey Clean Energy Program
New York State Energy Research and Development Authority
Northwest Energy Efficiency Alliance
NSTAR Electric
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
Unitil: The Fitchburg Gas & Electric Company
Western Massachusetts Electric Company
Xcel Energy

CFLs save energy, time and money

Lighting for Tomorrow entries utilize this technology

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Compact fluorescent lamps (CFLs) have become the first choice for energy-efficient residential lighting.

CFLs last 6-10 times longer and use up to 75 percent less energy than standard incandescent bulbs. For consumers, that means lower electric bills as well as less time changing bulbs and making trips to the store.

What's more, CFLs can match traditional incandescent bulbs in size, light output and light quality. CFLs come in many shapes and sizes; the example at right is just one type of CFL.



All *Lighting for Tomorrow* entries utilize CFL technology.

Standard household incandescent bulbs deliver about 15-20 lumens for every watt of power. CFLs do much better, delivering 70-80 lumens per watt.

HOW MUCH DO CFLs SAVE?

Incandescent bulb wattage	Equivalent CFL wattage	Energy cost savings (\$)*
25	7	20.40
40	9	30.00
60	15	55.20
75	20	66.00
100	26	78.00
150	42	124.80

*At 10 cents/kWh for the rated life of the CFL

Source: American Lighting Association