



LUMEN INSIGHTS™

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UL Becomes New Partner for Lighting for Tomorrow Competition

By Shari Hunter / Global Lighting Business Manager

A familiar name in the residential lighting industry, Underwriters Laboratories Inc. joins long time partners American Lighting Association (ALA) and the Consortium for Energy Efficiency (CEE) as an organizer for the Lighting for Tomorrow energy efficient lighting design competition.

Since 2002, the Lighting for Tomorrow (LFT) Competition has annually recognized the best of well-designed, energy efficient residential lighting fixtures entering the market. This very successful program has the financial support of energy efficiency

program administrators across the US and Canada (21 such organizations in 2011) and continues to grow and fulfill its role as a way to introduce high performing energy efficient residential lighting products to the market.

Previously, LFT organizers included the US Department of Energy (DOE) in addition to ALA and CEE. At the end of 2010, DOE decided to withdraw from the Competition planning role to focus on other initiatives. Eileen Eaton, Program Manager for the CEE and Terry McGowan, Director of Engineering for the ALA determined that LFT enjoyed

growing interest and support from its sponsors as well as the lighting industry and began searching for a new partner.

“Fortunately, UL is no stranger to the LFT Competition” said ALA’s Terry McGowan. “UL has been involved in past LFT activities by regularly hosting the judging event, testing the submitted products for electrical and fire safety, and promoting the Competition in industry publications. Now, UL, as a full partner, will help shape the future of the LFT Competition as we seek to grow the market availability for safe,

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A Letter from Alberto



As lighting technology evolves, so does UL, advancing safety, lighting performance, and energy efficiency in new and necessary ways.

I'm very pleased to announce our partnership with ALA and CEE on the Lighting for Tomorrow Competition. As both a host for the judging and a testing service provider, we understand the value of both safe and energy efficient lighting.

Additionally, we're very pleased to announce our 'Brighter Future' program, aimed to help lighting showrooms understand the technology transition — and be ready to talk intelligently to their customers about the implications that exist.

UL's century of experience provides thought leadership, R&D expertise and the confidence and peace of mind you deserve.

We're here to help.

Kind Regards,

Alberto Uggetti
VP and GM Global Lighting



A Brighter Future

UL and lighting showrooms

By Shari Hunter / Global Lighting Business Manager

UL is pleased to announce the 'Brighter Future' program, designed to assist lighting showroom owners with educating consumers about lighting technology changes, safety implications and how regulatory and model codes are shaping the future. When given the right information, consumers can make more informed buying decisions, and ultimately will be happier with their purchases.

Free Webcast — Showroom Safety 101

During this 1 hour event, you'll learn how the UL Mark protects people, products and places as lighting technology evolves. Key topics also include:

- Macro Lighting Market Trends: Emerging Technology, Energy Efficiency, Regulatory Changes
- What's Behind the UL Mark: Outdoor, Wet Location and Low Voltage Ratings, what they mean
- Energy Efficiency Programs Overview: Lighting Facts, ENERGY STAR®, Design Lights Consortium
- Sustainable Lighting Fixtures: How a Fixture may earn LEED points
- Rebate Programs: How to get the most for your customers

A Brighter Future — Showrooms and UL

During this educational event, lighting showroom professionals will learn key strategies for selling LED lighting products. Attendees will receive consumer-oriented literature on Safety, Lighting Facts and Energy Star and point-of-sale tools and reference guides. Some of the topics that will be covered include:

- Review of Showroom Safety 101 in greater detail
- Lighting Facts and Fiction: Truths and Myths about Incandescents, CFLs and LED Lamps

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Standards Update

By Bahram Barzideh / Principal Engineer, Solid State Lighting and LED Testing

Our Principal Engineer, Bahram, answers pressing questions on the new UL LED Package recognition program. A webcast, eLearning is available at ul.com/ledpackage

What is the difference between an LED Array (OOQA2) and a LED Package (OOQL2)?

The LED Array program covers Component LED arrays, modules and controllers. The LED Package program covers Component LED packages, which are defined as assemblies of one or more LED die that contains wire bond connections, possibly with an optical element and thermal, mechanical, and

electrical interfaces. The package does not include a power source and is not connected directly to the branch circuit. Presently there are several LED packages that are UL Recognized under the OOQA2 Category. UL will work with manufacturers to move these UL Recognitions to OOQL2.

Does UL accept the LM-80 and LM-79 results with the submittal?

Presently the Component Recognition Program for LED packages is limited to the characteristics related to UL 8750 and does not include performance testing per LM-79

or LM-80. So there is no need to submit test results associated with these standards.

UL offers testing services per these standards at our laboratories around the world.

When do you expect the certification directory to be on-line?

UL's online Certification directory already includes the Category Code Number for Component LED packages — OOQL2/ 8. We will launch this feature when several Certification projects under this Category have been completed.

Energy Efficiency

By Todd Straka / Lighting Business Director

The Design Lights Consortium(DLC) recently announced their acceptance of UL test reports for the program. The DLC is a collaboration of utility companies and regional energy efficiency organizations and

is committed to raising awareness of the benefits of efficient lighting in commercial buildings. UL is pleased to support the DLC, and is ready to speed your time to market for this program. Please contact us to get started.

A Brighter Future (continued from previous page)

All About Energy Efficiency

Selling to consumers, ENERGY STAR® vs Lighting Facts vs Design Lights Consortium:

- Dimmers and Lighting Controls: Compatibility Issues
- Lighting Competition Winners: Next Generation Lighting and Lighting For Tomorrow

Upon successful completion of the course, your showroom will receive:

- Consumer-oriented literature on Safety, Lighting Facts Label and ENERGY STAR®
- Point-of-Sale placards and badges for your products
- In-Store Quick Reference Training Guide

Sign up at ul.com/showroom

UL NANSHA CHINA FACILITY RECEIVES NVLAP

UL's performance testing laboratory in Nansha, China has successfully completed NVLAP accreditation in accordance with ISO/IEC 17025:2005. We are pleased to expand our Energy Efficiency and Performance Testing scope. UL's facility in China can perform testing to IESNA-LM-79, IESNA-LM-80, ENERGY STAR® and others. Contact UL to leverage our industry-leading, global performance testing network of quality laboratories.





UL Becomes Partner for Lighting for Tomorrow Competition (continued from cover)

well-designed, energy-saving luminaires and other residential lighting products.”

The aims of LFT continue to be growth of awareness and market acceptance for the expanding types of energy efficient residential lighting products during this time of rapid change in residential lighting technology. While this overarching goal of the Competition has remained the same since its launch in 2002, LFT has evolved to keep up with market, technology, and consumer interest changes. For example,

solid state lighting fixtures were added to the LFT Competition in 2006 and LED screw-in replacement lamps were added in 2010. Also in 2010, LFT recognized the potential of controls to reduce lighting energy use by including these products.

UL will provide LFT support through annual program planning, maintaining the LFT website, pre-qualification and testing of entries and promotional activities. The annual judging event will be held at UL’s Research Triangle Park, N.C. facility in their

newly built state-of-the-art training center, which is part of UL University. Here the products entered in the Competition can be installed and operated in full-scale settings where the judges can see them both lighted and unlighted, as well as evaluate materials, finishes, and other details. “Installing the entries is a wonderful opportunity for UL to ensure the product is code compliant as well as evaluate the effectiveness of installation instructions and ease of assembly, all important attributes for a winning entry” said UL’s Shari Hunter.

UL Environment Programs Help Projects Achieve LEED Pilot Credit

By Julia Farber / Global Marketing Analyst, UL Environment

As of June 16, 2011, under a new pilot credit, manufacturers whose products have been reviewed through the Environmental Claims Validation, Sustainable Product Certification, Environmental Product Declaration or EcoLogo programs will qualify for innovation points within the LEED certification program.

LEED has become synonymous with Green Building over the last decade and is the name of the green building guidelines set forth by the US Green Building Council (USGBC). The recently released pilot credit, which serves as a “trial run” credit before its formal adoption into the LEED rating system, rewards LEED projects for using

products whose life cycles, ingredients, and other environmental attributes are higher performing and more transparent.

To assist architects, manufacturers and other stakeholders to understand the requirements of the new pilot credit, a new online webinar took place on June 28 and is now available for download through www.leadproductcredit.com



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