



## SOLID STATE LIGHTING

# Northeast Energy Efficiency Partnerships TINSSL Flash

### DOE's L Prize Competition Receives Its First Entrant

[see press release](#)

Designed to compete in the 60-watt incandescent category, a Philips Electronics product is the first L Prize Competition entrant and is now entering the testing and evaluation phase where it will be verified for L Prize performance standards including a 90 lm/W efficacy requirement.

For more information on the L Prize and its entrants, please see the original email distribution from Jim Brodrick (DOE) below.

### DOE Releases SSL Manufacturing R&D Roadmap

[connect to website](#)

Complementing the DOE SSL R&D Multi-Year Program Plan, the SSL Manufacturing R&D Roadmap released on September 22 is a guide for DOE SSL planning and solicitation strategy to enhance SSL product consistency and quality, and reduce SSL product manufacturing costs.

For more information on the Manufacturing R&D Road Map, please see the original distribution from Jim Brodrick (DOE) below

***DOE Releases SSL***

### Lighting for Tomorrow 2009 Winners Announced

[connect to website](#)

The Cree LED Lighting High Output Six Inch Downlight and the Philips Color Kinetics eW Cove Powercore products have been selected as the 2009 grand prize winners of the 7th annual Lighting for Tomorrow Competition.

For more information on the Lighting for Tomorrow Competition, please see the original distribution from Jim Brodrick (DOE) or visit [www.lightingfortomorrow.com](http://www.lightingfortomorrow.com).

***Lighting for  
Tomorrow 2009***

## **The Race is On!**

[See Link](#)

The Bright Tomorrow Lighting Prize (L Prize) competition has received its first entrant, a product from Philips Electronics. Philips' entry into the competition is a clear signal that massive energy savings from solid-state lighting are within our grasp, and we hope to see more entries in the coming months.

Sponsored by DOE, the L Prize competition challenges industry to develop LED replacements for two of the most widely used and inefficient types of light bulb - the common 60-watt bulb and the PAR-38 halogen reflector-lamp bulb. Philips' entry is intended to replace incandescent bulbs.

The entry from Philips will now begin a rigorous multiphase evaluation process. Performance testing conducted by independent laboratories will be followed by long-term lumen maintenance testing and field assessments.

Entries will be accepted in each product category until a winner is declared. The first entrant in each category to successfully meet the competition requirements will receive a substantial cash prize as well as L Prize partner promotions and incentives. To date, 27 utilities and energy efficiency program partners stand ready to promote and develop markets for the winning products. Up to two additional entrants may be eligible for program partner promotions - in effect increasing the number of possible qualifiers in each category to three.

For more details, visit [www.lightingprize.org](http://www.lightingprize.org).

## **Manufacturing R&D Roadmap**

[See Link](#)

The U.S. Department of Energy (DOE) has published a Solid-State Lighting Manufacturing R&D Roadmap, the end product of two stakeholder workshops sponsored by DOE in 2009. The Roadmap represents industry consensus on the expected evolution of SSL manufacturing, best practices, and opportunities for improvement and collaboration.

The Roadmap is intended to complement the DOE SSL R&D Multi-Year Program Plan, and will guide DOE planning and future solicitations related to the new SSL manufacturing initiative. This new initiative has two primary goals: to enhance product consistency and quality and to accelerate cost reductions through manufacturing improvements. A third objective is to encourage domestic U.S.-based manufacturing of SSL products. In addition, the Roadmap is intended to act as a guide for equipment and material suppliers, to reduce the risk and, ultimately, the cost of entering into SSL manufacturing.

The Roadmap will be reviewed annually by DOE in collaboration with industry partners and updated to reflect progress and resultant changes in priorities for achieving the ultimate goals of the program.

A PDF copy of the Roadmap may be downloaded from the DOE SSL website at [www.ssl.energy.gov](http://www.ssl.energy.gov).

Best regards,  
Jim Brodrick

## **Winners Announced**

Winners of the seventh annual Lighting for Tomorrow competition were announced today at the American Lighting Association (ALA) Annual Conference in Palos Verdes, California. Organized by the ALA, the Consortium for Energy Efficiency (CEE), and the U.S. Department of Energy, the competition aims to increase market acceptance and awareness of energy-efficient lighting by recognizing the best designed energy-efficient lighting products in the residential market.

Twenty-six companies submitted 43 solid-state lighting (SSL) models incorporating light-emitting diodes. The SSL division of the competition was expanded this year to include a wider range of applications. A panel of 11 judges from various areas of the lighting industry evaluated the entries based on color appearance, color rendering, efficiency, innovation, and other criteria.

The judges selected two Grand Prize Winners:

- Cree LED Lighting High Output Six Inch Downlight
- Philips Color Kinetics eW Cove Powercore

The judges also recognized five other entries with Special Focus Awards for their successful incorporation of important design considerations:

- Light Distribution-MaxLite LED Architect Flat Panel
- Versatility-Lightolier Calculite Solid-State
- Ease of Installation-

Best regards,  
Jim Brodrick

*Note: This message was sent to the U.S. Department of Energy's contact database for Solid-State Lighting. To be added or removed from this distribution list, simply reply to this message ([DOE.SSL.Updates@ee.doe.gov](mailto:DOE.SSL.Updates@ee.doe.gov)). Thank you.*

*Note: This message was sent to the U.S. Department of Energy's contact database for Solid-State Lighting. To be added or removed from this distribution list, simply reply to this message ([DOE.SSL.Updates@ee.doe.gov](mailto:DOE.SSL.Updates@ee.doe.gov)). Thank you.*

Creative Systems  
Lighting Eco Counter

- High Efficiency-Cree LED Lighting High Efficacy Six Inch Downlight
- Technical Innovation-Cree LED Lighting SSL Track Fixture

More information on all the winning entries is available at [www.lightingfortomorrow.com](http://www.lightingfortomorrow.com).

Best regards,  
Jim Brodrick

*Note: This message was sent to the U.S. Department of Energy's contact database for Solid-State Lighting. To be added or removed from this distribution list, simply reply to this message ([DOE.SSL.Updates@netl.doe.gov](mailto:DOE.SSL.Updates@netl.doe.gov)). Thank you.*