

2009 GRAND PRIZE WINNERS



**HIGH OUTPUT 6-INCH DOWNLIGHT**

The LR6-DR1000 from **Cree** combines high 1,000-lumen output with a beautiful aperture appearance. The deeply recessed lens is perfect for residential and commercial environments where aesthetics are important. A unique optical and thermal management approach combines with Cree TrueWhite technology to deliver high-efficacy, high-quality light that improves the look of any space. With its high lumen output and a clean aesthetic, the Cree LR6 DR1000 opens up a new world for recessed LED downlights. Visit [www.cree.com](http://www.cree.com) or **Circle 306**.



**EW COVE POWERCORE**

The eW Cove QLX Powercore from **Philips Color Kinetics** is an elegant linear LED cove lighting fixture that delivers high quality and uniformity of white or solid color light. With output of up to 300 lumens per foot, long lifetime, superior energy efficiency and virtually maintenance-free operation, this next-generation LED cove light represents a viable and affordable alternative to traditional cove lighting sources. eW Cove QLX Powercore offers extraordinary design flexibility with four color temperatures ranging from 2700K to 4000K, four solid colors, wide and medium beam angles, and two lengths. Visit [www.philips.com](http://www.philips.com) or **Circle 305**.

SSL SPECIAL FOCUS AWARDS



**LIGHT DISTRIBUTION**

**MaxLite** received a special focus award for light distribution with its LED Architect Flat Panel. Typically used to replace 2x2-ft. and 2x4-ft. fluorescent fixtures, its profile is only 3-in. deep, including the junction box. Both panels use AC 120-277-volt input power, are fully dimmable (seven level remote dimmer), and wired for smart building controls. Aluminum housings provide thermal control. Visit [www.maxlite.com](http://www.maxlite.com) or **Circle 304**.

## Lighting for Tomorrow 2009 SSL Award Winners

The seventh annual Lighting for Tomorrow competition resulted in several unique SSL winners, given many changes to the 2009 entry categories and the expanded range of eligible SSL applications.

The competition, organized by the American Lighting Assn., the U.S. Dept. of Energy and the Consortium for Energy Efficiency—and supported by more than two dozen energy efficiency organizations—included 26 LED entries, five of which received some type of recognition.

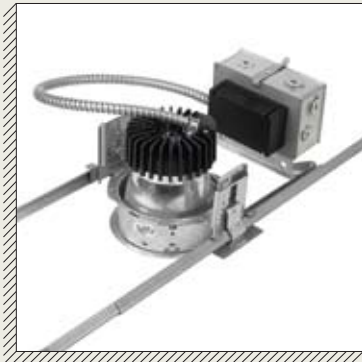
The competition is designed to stimulate the market for attractive, energy-efficient light-

ing fixtures that use a fraction of the electricity of standard fixtures.

Two grand prize winners were selected: Cree for its High-Output 6-inch Downlight, and Philips Color Kinetics for its eW Powercore. The remaining LED awards acknowledge the successful integration of important design considerations, and each product received a special focus award for its unique strength. Cree also received two of these special focus awards for high efficiency and technical innovation for its high efficacy 6-inch downlight and SSL track fixture, respectively.

Other companies recognized in the special focus category included Maxlite for the light distribution of its Architect Flat Panel; Lightolier for its versatile Calculite downlight; and newcomer Creative Lighting Systems for its easy-to-install under cabinet fixture.

To qualify, products in the near-term application category (recessed downlights, undercabinet, desk/task and outdoor) had to meet DOE's Energy Star SSL fixture criteria. Products in the "other" category were required to use LEDs that were at least 50 lumens per watt with color temperatures between 2,700K and 3,500K.



### VERSATILE

**Lightolier's** Calculite LED downlight delivers 1,000 lumens while consuming only 20 watts; its proprietary remote phosphor technology redefines how light from blue LEDs is converted to white providing consistent, uniform color at 80 CRI and 3,000K, resulting in an efficacy of 50 lumens per watt. 2,700K, 3,500K and 4,000K options are also available in 4-in. aperture round and square downlights and wall washers. Visit [www.lightolier.com](http://www.lightolier.com) or **Circle 303**.



### EASY TO INSTALL

**Creative Systems Lighting** was feted for the ease of installation of its Eco Counter product, a 120-volt LED under cabinet fixture that can be hardwired, portable and linkable without a remote driver or transformer. Using 60-lm. LEDs at 2900K, the SSL source can replace Xenon fixtures at a fraction of the wattage. Only 3/4-in. deep, Eco-Counter is geared for new construction and remodeling for both residential and commercial use. Visit [www.csllighting.com](http://www.csllighting.com) or **Circle 302**.



### HIGHLY EFFICIENT

The LR6-HE Downlight from **Cree** builds upon the design of the original LR6. This high-efficacy model surpasses 100 lumens per watt by using the company's TrueWhite technology and a unique optical and thermal management approach. The combination of these technologies allows the LR6-HE to achieve unparalleled efficacy while maintaining high quality of light and a long 50,000 hour lifetime. Visit [www.cree.com](http://www.cree.com) or **Circle 301**.



### TECHNICALLY INNOVATIVE

The LRP-38 from **Cree** combines the beauty and intensity of halogen with exceptional efficiency and longevity. Its breakthrough performance is achieved by combining the high efficacy and high quality of light with a unique optical and thermal management approach. The Cree LRP-38 is the first LED lamp to deliver on the promise of LED lighting for retail, museum and architectural accent lighting. Visit [www.cree.com](http://www.cree.com) or **Circle 300**.

### SPECIAL FOCUS AWARDS:

Every exceptional LED product cannot be a grand prize winner, but many have outstanding attributes. So with that in mind, the Consortium for Energy Efficiency recognizes award winners in Special Focus categories, such as Light Distribution, Versatility, Ease of Installation, High Efficiency and Technical Innovation.

### ABOUT LIGHTING FOR TOMORROW:

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.

Recognizing the rapid advancement of solid-state lighting technology, Lighting for Tomorrow launched its first SSL competition in 2006. Entries were invited in several niche lighting applications, including under-cabinet, task and outdoor lighting. This competition

encouraged and recognized innovation, lighting quality and energy efficiency in the use of SSL technology.

The competition is sponsored by the American Lighting Assn. (ALA), the U.S. Dept. of Energy (represented by Pacific Northwest National Laboratory) and the Consortium for Energy Efficiency (CEE). DOE and about two dozen energy-efficiency organizations nationwide have combined to pledge more than \$350,000

to sponsor the program.

2009 winners were announced in September at the ALA Annual Conference. Those interested in entering the 2010 competition can download the complete Entrant Guide on line. Contact [LFT2010@npl.gov](mailto:LFT2010@npl.gov) with any specific questions. For general information visit [www.lightingfortomorrow.com](http://www.lightingfortomorrow.com) or contact: Ruth Taylor, 509-375-2389, [ruth.taylor@npl.gov](mailto:ruth.taylor@npl.gov)