

LIGHTING FOR TOMORROW



Lighting for Tomorrow, a national design competition for residential lighting fixtures and technologies, is organized by CEE, the American Lighting Association (ALA) and the U.S. Dept. of Energy (represented by Pacific Northwest National Laboratory). About two dozen energy-efficiency organizations nationwide have combined to pledge more than \$150,000 to sponsor the 2007 competition.

Launched in 2002, the competition is designed to stimulate the market for attractive ENERGY STAR[®] residential lighting fixtures that use up to 75 percent 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.

A major change took place in 2005 when *Lighting for Tomorrow* required manufacturers to submit entries of fixture “families” for indoor and outdoor lighting products. Fixture families are lighting products that complement each other – aesthetically and technically – and can be purchased as a set for the home. There are separate categories for indoor and outdoor fixture families, providing builders and consumers with better options for choosing energy-efficient lighting.

A large number of these fixture families are featured in an annual *Lighting for Tomorrow* Yearbook that includes color photographs, fixture details, technology updates, and other useful information for consumers, retailers and builders. The Yearbook is distributed to lighting showrooms and homebuilders.

Until recently, nearly all entries consisted of fixtures using compact fluorescent lamps (CFLs) but, beginning in 2006, a solid-state lighting (SSL) component was added to the competition. For this competition, *Lighting for Tomorrow* solicits lighting fixtures that use light-emitting diodes (LEDs) as the sole light source. The purpose of the SSL competition is to help the lighting fixture industry learn more about effective design and appropriate applications of this new light source.

Colored LEDs have been used for more than a decade in applications such as traffic signals, exit signs and instrument panels but white LED lighting is an emerging technology. White LEDs are not appropriate for most applications but, with their long life and resistance to vibration, can be highly useful for certain functions.

Entries for the 2007 SSL competition are invited for specific niche applications, including under-cabinet and in-cabinet lighting for kitchens, portable desk/task lights, recessed downlights and outdoor lighting.

Lighting for Tomorrow is technology neutral. The fixture family competition is open to any light source that meets ENERGY STAR criteria. Solid-state lighting entries must meet the requirements described in the Entrant Guide (see www.lightingfortomorrow.com).

For additional information about *Lighting for Tomorrow*, including the most recent winners and photographs, visit the competition Web site (www.lightingfortomorrow.com) or contact CEE Program Manager Rebecca Foster at 617-589-3949, ext. 207, or rfoster@cee1.org.

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