



LUMINAIRES ▷

GENERAL AMBIENT
COVE/LINEAR
DOWNLIGHTS
TRACK
DECORATIVE/PENDANT
TASK
AREA LIGHTING RETROFIT
HIGH BAY / LOW BAY
REPLACEMENT PRODUCTS
SPECIALTY LIGHTING
ARCHITECTURAL / FLOOD
WALLPACKS / BOLLARDS
STREET / AREA
STREET / AREA-DECORATIVE

COMPONENTS ▷

ARRAYS / SOURCES
MODULAR LIGHT ENGINES
DRIVERS
COMPONENT-OTHER
SSL SOURCE-OTHER
OLED SOURCE

APPLICATIONS ▷

USE OF WHITE LIGHT
MOST ENERGY EFFICIENT
BEST RENOVATION/RETROFIT
MOST IMPACTFUL USE

MARKET LEADERSHIP ▷

TECHNOLOGY BRAND OF THE YEAR
INDUSTRY PARTICIPATION
EDUCATION
BEST CAMPAIGN / CATALOGUE
BEST WEBSITE

SPECIAL CITATIONS ▷

MOST UNIQUE PRODUCT
STANDOUT ADVANCEMENT IN TECHNOLOGY
MOST INNOVATIVE OPTICAL & CONTROL SYSTEM
MOST SUSTAINABLE
MOST EFFECTIVE NEW PRODUCT
BEST RETROFIT PRODUCT
BEST USE OF OLED

AND THE WINNERS ARE...

Be careful what you wish for... Since we launched this magazine four years ago, I've always wanted to have a product competition. The problem, of course, at that time, was that there weren't a lot of SSL products to evaluate. But in the wake of past couple of Lightfairs, it's clear there is an abundance of product out there. In fact, there's so much product now, it's easy as a specifier, to simply turn away or stick to the companies you know. That said, there's a lot of good product out there and a lot of players coming out of left field with really interesting takes on the technology. Thus became the mission of the program: sort out the products that show

the greatest promise across a wide field of functions. In other words, we didn't want to have a beauty contest of only the prettiest luminaires, nor did we wish to ignore drivers, arrays and other components that can be as critical as the fully assembled fixture. We also took award criteria seriously. We would not have the capability to do product testing or have products available for judge's perusal at least for this initial outing. As a result, we spent a lot of time with our judges, especially Dane Sanders, establishing criteria and data points. In fact, our web questionnaire team thought we were crazy in that we were really asking a lot and we did. But our entrants responded. That

full data is not presented in the pages that follow due to space considerations, but is available at SSL Interactive. Check it out, along with our other entrants. As far as the judging, we operated on a simple 1-10 scale, but with the judges scoring entries in composite sections varying from an initial grade, to scores for technical merits; to scores for specific attributes such as replacement policies. I was glad we went to these lengths, as often these individual scores broke ties. This has been a Herculean effort on the parts of many people. My thanks to everyone who made this happen. Hopefully, this effort will help you identify a product for your next project.

AWARDS BEGIN ON PAGE 14



BEYOND OLYMPIC

Call it a bronze shortage, but we decided to be a little different with our winners, awarding Platinum, Gold and Silver honors for our top scorers.

OUR OUTSTANDING JUDGES:

VILMA BARR

Vilma is a veteran, Philadelphia-based lighting writer and contributor to SSL and illuminate.

MICHAEL COHEN

Principal of the Minneapolis office of Schuler Shook, Michael specializes in themed environments.

KEVIN DOWLING

The former Color Kinetics VP of R&D now helps lead high-tech electronics manufacturer MC10.

JOHN FOX

The co-founder of Fox+Fox Design, John's firm recently won a special citation for the facade of the Louis Vuitton store in Las Vegas' City Center.

KEVIN GAUNA

Founder of Sunbrothers Studios, Kevin is both a lighting expert and a working light artist.

RON HARWOOD

President of Illuminating Concepts, Ron's firm specializes in blending architectural and theatrical lighting with multi-media systems.

CARLOS INCLAN

A senior lighting designer with Glumac, Carlos has worked internationally on a range of projects.

JEFFREY KNOX

A senior lighting designer with Schuler Shook's Dallas office, Jeffrey is both a designer and an educator.

MAUREEN MAHR

A senior designer with the Chicago office of Schuler Shook, Maureen has substantial experience with hospitality and commercial projects.

STEVE NEIMEISTER

An award-winning director of lighting for Ewing Cole's Irvine, Calif. office.

EVELYN SAHAJA

CEO of InLightIn Design and an advisory member of IESNA's SSL testing procedures committee.

CONNIE SAMLA

A lighting specialist with the Sacramento Municipal Utility District, she specializes in educating utility customers on energy efficient lighting.

DANE SANDERS

Our lead judge, main man and principal with Clanton Assocs., Boulder, Colo.

KEVIN WILLMORTH

Architectural SSL's resident guru.

BRUCE YARNELL

An ArchLED veteran and principal of Yarnell Assocs., Bruce is active in all areas of the design process.



Cooper lighting
Invue Mesa LED

AWARD: PLATINUM
CATEGORY: STREET/AREA-DECORATIVE

Key data points:

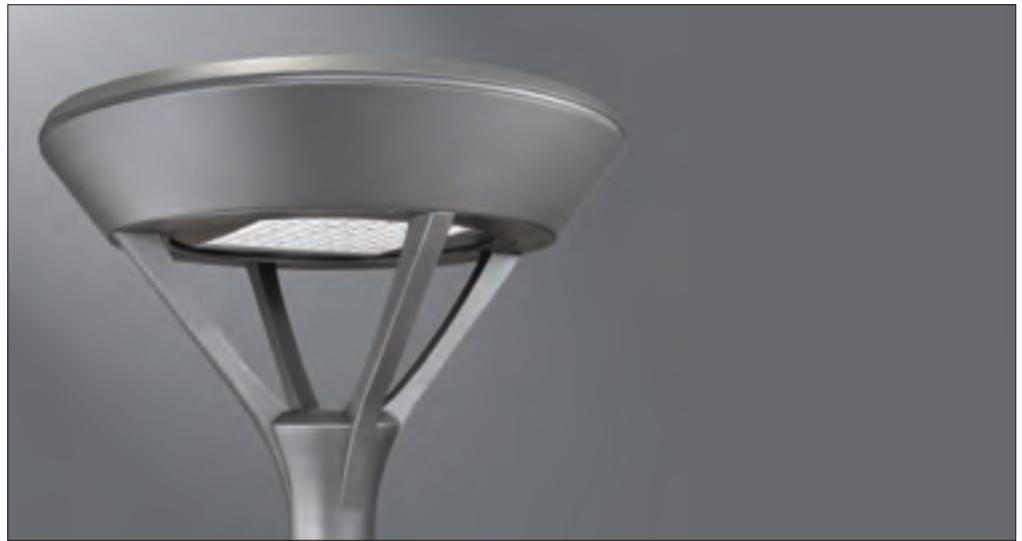
- ▶ Color rendering index (CRI): Nom 70%
- ▶ Correlated color temperature (CCT): 4,307K
- ▶ Luminous efficacy: 63.5lm/W
- ▶ Estimated L70 lifetime at 55°C: 50,000 hours
- ▶ Warranty: 5 years
- ▶ Includes LM79 and 80 data

The contemporary design of the Invue Mesa combined with precision LED technology creates a statement in modern lighting design. Optical excellence is provided through a choice of 17 patented AccuLED optical distributions and scalable LED technology available with up to six IP66 rated LightBARs.

In application: The style and performance of the Invue Mesa LED has been a huge success at the Frisco Peninsula Recreation Area, a ski resort in Frisco, Colo. The lighting performance from the Invue Mesa LED, coupled with the stylish look of the fixture, accents the ski area while providing lighting to the guests at the resort.

Judges comments

“This product is a great balance of aesthetic form and quality optical design... “The quality and variety of optical distributions is very impressive.” Cooper, specifically, uses “over optics” in its outdoor LED lighting fixtures with its replaceable LightBAR technology. 21 LEDs are on each LightBAR feature 21 individual “over optics” that carry the IES distribution. For example if the fixture is a type V distribution, it would allow 21 type V over optics on the LightBAR. Judges encourage the development of 3000K and 3500K options.



Sternberg Lighting
A850SRLED Old Town

AWARD: GOLD
CATEGORY: STREET/AREA-DECORATIVE

Sternberg’s Old Town is scalable and upgradable with a wide variety of CCT temperature options and boasts a 70,000-hour life rating at L70 in accordance to LM-79 & LM-80. The product, made entirely in the United States, has a 7-year warranty. In application: 42 of Sternberg’s A850ASRLEDs were installed on Main Street in Huntington Beach, Calif.

Judge’s comments

“After evaluating the photometry, this is an excellent optical design with good balance of street and pedestrian lighting, especially in a traditional post-top acorn... “The retrofit LED optic offered with it has potential to make a significant impact on existing traditional street and pedestrian luminaires.”



GE
Evolve, Contemporary Domed

AWARD: SILVER
CATEGORY: STREET/AREA-DECORATIVE

The European styling of the fixture balances a modern look with workhorse performance. The optical ring design produces superior vertical illumination and efficiently delivers the required amount of light for each application, without wasteful and unwelcomed light spill. Reduced energy consumption, combined with a long rated life enables the fixture to provide significant operating cost benefits over the life of each fixture.

Judge’s comments

“This luminaire has a good design aesthetic with an interesting optical strategy... Judges also noted this could be a “great” pedestrian luminaire if the optical distribution were improved.

HONORABLE MENTION:
Architectural Area Lighting: Providence
GE: Evolve Contemporary Conical

2011 Reader Favorites

OPENING NOTES:

In our sister publication, *Architectural Products*, every year we present the "Top 50," which reflects the most-requested products readers ask for over the course of a given year. In this, our first *Architectural SSL* Products Annual, we thought it would be a good idea to similarly showcase the products *SSL* readers found to be the most intriguing. While not quite 50, this Reader's Choice group of products represent a wide range of items that have appeared in the magazine over the last 365 days, including items we've highlighted in special reports, most notably the U.S. Dept. of Energy's Lighting for Tomorrow and Next Generation Lighting awards competitions. Others simply caught the eyes of our readers, be it because of interesting form factors, modularity innovations, energy efficiency or application examples. Hopefully, something that attracted a colleague will also catch your attention.

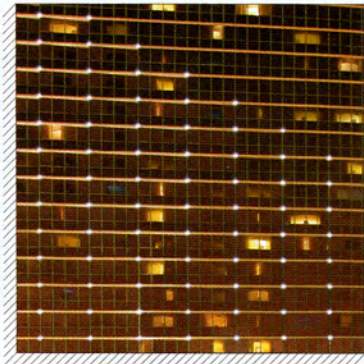
— Jim Crockett, editorial director

MOST REQUESTED PRODUCTS



WALL-WASHING WONDER

The Stile Styk from **SPI Lighting** is a linear, wall-mounted IP66-rated luminaire. A 2010 NGL winner, judges loved the sleek, 'techy' look of the design and the even distribution and gradation of the light. Its adjustability, reasonable price, and excellent color qualities were acknowledged as well. The judges encouraged the manufacturer to look at decreasing the size of the remote power supply. Visit www.specstile.com or **Circle 306**.



ABUNDANT OPTIONS

Offering a variety of direct-incandescent-replacement LED lamps, **LEDtronics** offers solutions for nearly every industry. In the example shown above, the company's long-life and energy-efficient S6 candelabra-style replacement lamps were employed in quad configurations for existing exterior fixtures that dot the facade of the Hyatt San Diego. Visit www.LEDtronics.com or **Circle 305**.



HYBRID

Zumtobel's Aero II combines T5 fluorescent lamps for indirect energy and LEDs with unique directional optics that remove direct LED visibility for task illumination. Reinvented by Christopher Redfern, it represents an "evolution" of the company's classic Aero luminaire, incorporating LED to offer users the best of both light sources in an elegant design. For more information visit www.zumtobel.us or **Circle 304**.



OLD TOWN—NEW TWIST

Sternberg Lighting's popular A850SR LED "Old Town Series" luminaire is a traditional acorn-style fixture with a decorative cast-aluminum fitter, an acrylic clear-textured acorn and a cast-aluminum roof. As flagship of the UNRIVALED family of luminaires, options include a variety of LED light sources and roof-mounted, down-lighting optics. It is UL or ETL listed in the U.S., Canada. Visit www.sternberglighting.com, **Circle 303**.



PEDESTRIAN LIGHTING

In both Hi-Glo and Lo-Glo options, **Landscape Form's** Metro40 offers pedestrian-scale LED lighting featuring continuous extruded aluminum frames and cast-aluminum luminaires with quick-disconnect LED cartridges. The hi-glo illuminates a 12-ft.-high area providing lighting for pedestrian spaces, while the lo-glo offers a 3-ft.-high path light for walkways. Visit www.landscapeforms.com or **Circle 302**.



EXTREME MEASURES

Rated for indoor or outdoor use the ExtremeLine from **Solid State Luminaires** is a high-power linear wash light designed to generate uniform white light and offer a more energy-efficient alternative to 100-watt metal halide fixtures. Available in 13-in. and 46-in. profiles, the units can be standard, cantilever, cable or pendant mounted. Visit www.solidstateluminaires.com or **Circle 301**.