

ARCHITECTURAL SSL



LEDS IN ACTION

The Senate's Hart Office Building turns to solid-state lighting, not only for energy savings, but for better lighting for video recording.

SSL BUZZ

Advances in the size of LED wafers being produced may bring along an associated reduction in costs of the lighting technology.

READERS SPEAK

The first annual "Reader's Choice" awards present the top requested products that have appeared in the magazine in the past year.

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THE 2011 PRODUCT INNOVATION AWARDS:

AND THE WINNERS ARE...

Take a look inside at our inaugural effort to reveal the products that can help illuminate a way through the shroud that obscures a specifier's ability to expediently assess this rapidly developing technology. [\[Page 12\]](#)



LUMINAIRES >

GENERAL AMBIENT
COVE/LINEAR
DOWNLIGHTS
TRACK
DECORATIVE/PENDANT
TASK
AREA LIGHTING RETROFIT
HIGH BAY / LOW BAY
REPLACEMENT PRODUCTS
SPECIALTY LIGHTING
ARCHITECTURAL / FLOOD
WALL PACKS / 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 InLight 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

Dur 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.



Lighting Quotient
Fraqtir

AWARD: GOLD
CATEGORY: COVE/LINEAR

Fraqtir is a proprietary optic that combines the principles of refraction and total internal reflection to transform light from an array of LEDs into an asymmetric distribution ideal for illuminating surfaces evenly from one edge. The S301 and S305 concealed luminaires use optical technology to shape the light into a distribution which minimizes the amount of light trapped in the cove and maximizes uniformity across the target surface.

Judge's comments:

"The form factor, optic and construction makes the Fraqtir a great example of a niche application fixture... "The optic is the primary feature of this luminaire and looks to be a good wall grazer."



Lighting Quotient
Fraqtir

MOST SUSTAINABLE

Our Gold winner in the Cove/Linear category on p.15

Quick Recap: Optically superior wall grazer with an 82 CRI and 3100L CCT.

Highlights: Energy Star Certified; clean, well-executed design; 5-year warranty.

Judges' comments:

"Cradle-to-Cradle certification is enough in an of itself. But they have thought through the life-cycle of their product and the company deserves praise for making such a strong effort at recycling."