

ARCHITECTURAL RECORD

DESIGN VANGUARD 2007

10 Winning Firms
Chart Brave New Worlds

ALSO **PRODUCT REPORTS**

Presenting this year's
outstanding products

Product Reports 2007

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ARCHITECTURAL RECORD'S 35TH ANNUAL PRODUCT REPORTS PRESENTS MORE THAN 300 OF THE YEAR'S MOST INNOVATIVE NEW BUILDING PRODUCTS SELECTED BY A JURY OF ARCHITECTS AND DESIGNERS

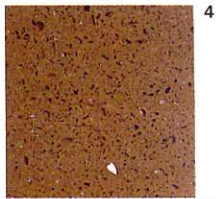
What exactly constitutes an *innovative* building product? Each year, on behalf of our readership, ARCHITECTURAL RECORD tries to define this term by assembling a group of product experts—including architects, lighting designers, and product designers—who are given the task of delving through hundreds of submissions to find products that push the envelope of what is typically expected from offerings in that category. It is important to note that rewarding innovation merely for its own sake was not the goal of the jury. “Not all innovations are good innovations,” explains juror Charles Renfro, AIA. For Renfro, “developing materials that masquerade as other materials always seems like the wrong direction for innovation.” Juror Eric Bunge, AIA, was drawn to products that are “beautiful with a purpose,” such as a 3D felt-wool wall covering that improves the acoustics of a space. He was also swayed by products in general “that embrace the use of technology together with something performative.”

This year, our jury was impressed by products intended to

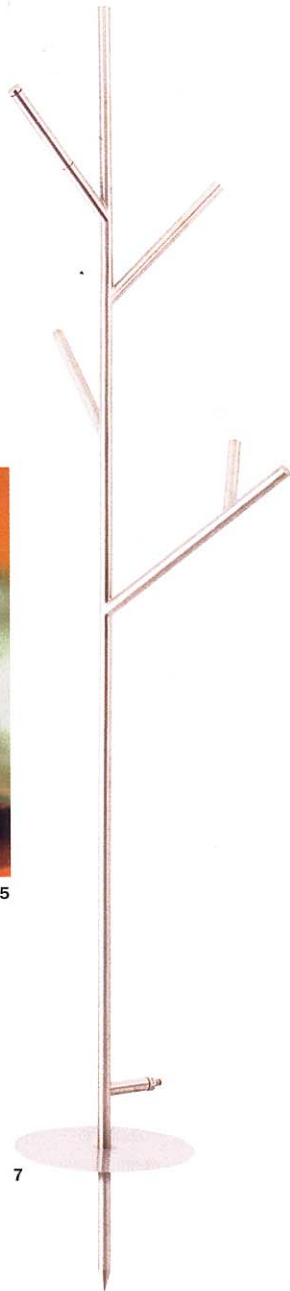
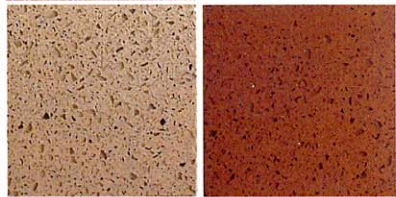
help reduce waste, such as stone masonry designed and precision cut using CAD/CAM, or a residential carbonated-water dispenser that eliminates unnecessary packaging. Overall, verifiably green products had a stronger presence in the submissions this year, including water-conserving plumbing fixtures, a concrete block made of recycled materials, and glass made from 100 percent recycled content from a manufacturer who, according to one juror, “sensed an opportunity and pushed on it.” Also of interest to the jury: product hybrids that are difficult to classify, such as a clever “rug” developed by a young German designer that morphs from a floor covering to a privacy screen to a seat.

Thanks are due to all of the building product manufacturers who submitted this year and to our team of jurors. We hope that the following pages serve as a resource that you and your practice can refer to again and again in the coming year. *Rita Catinella Orrell*

For more information, circle item numbers on Reader Service Card or go to architecturalrecord.com/products/.



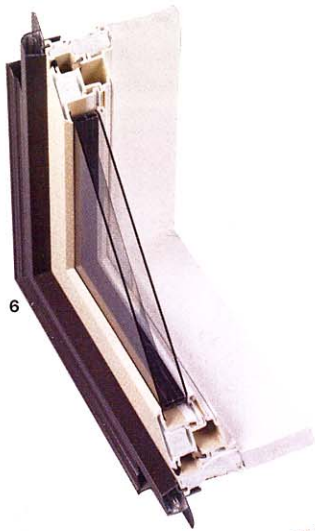
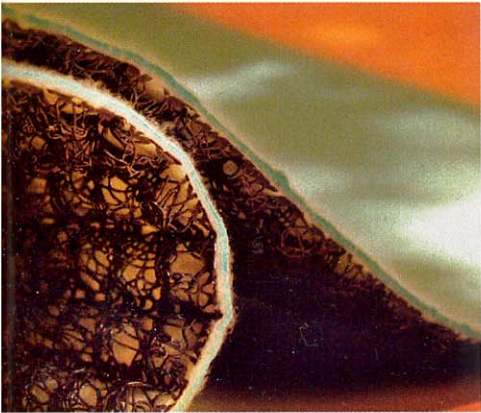
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Our 2007 Product Reports Jury

All jurors are based in New York City (standing, left to right): **Leslie Gill**, educated at New York's Copper Union for the Advancement of Science and Art, founded her own practice, Leslie Gill Architect, in 1995. Notable projects include Elektra Entertainment's corporate headquarters in Manhattan; programming and master planning for Warner Bros. Records, Los Angeles; and residences throughout the Eastern seaboard. **Eric Bunge, AIA**, is a partner with Mimi Hoang at nARCHITECTS, founded in 1999. Bunge is the graduate thesis director at Parsons The New School of Design in New York, and has taught at R.I.S.D.; Barnard and Columbia Colleges; the University of California, Berkeley; and the University of Toronto. He won the 2005 Canadian Professional Rome Prize. **K. Brett Malak** is director of lighting design for Cosentini Lighting Design. Prior to joining Cosentini in 2004, she worked in lighting as well as product and industrial design. Her project experience includes the Time Warner Headquarters in New York City, the American Medical Association in Washington, D.C., and The Visionaire, a LEED Platinum building in Battery Park City, New York. **Jacob Alspector** is the principal of his eponymous full-service architecture and interiors firm with expertise in public and academic research libraries; educational and cultural buildings; and modern and historic landmark restorations, renovations, and expansions. Current work includes the new, 200,000-square-foot Digital Learning Center at Utah Valley State College in Orem and the conceptual master plan and design for the John Cotton Dana Library at Rutgers University in New Jersey. **Charles Renfro, AIA**, joined Diller+Scofidio in 1997 and was promoted to partner at Diller Scofidio + Renfro in 2004. As collaborator with Diller+Scofidio, he served as project leader on the Brasserie restaurant in New York, the master plan for the city's Brooklyn Academy of Music (with Rem Koolhaas/OMA), the Boston Institute of Contemporary Art, and the redesign and expansion of the Juilliard School and Alice Tully Hall at Lincoln Center in New York, among other projects. **Christian P. Arkay-Leliever** (seated) is director of products for Rockwell Architecture, Planning and Design, where his projects include designs for Maya Romanoff Wallcoverings, Leucos, and DuPont Corian. Before joining Rockwell in 2006, he worked as an associate director of strategic innovation for Skidmore, Owings & Merrill in New York City.

1. Skygarden lamp, Flos (Electrical)
2. Drops tile collection, Viva Ceramica (Finishes)
3. Circles Convex glass, Nathan Allan Glass Studios (Openings)
4. Eco-X, Meld USA (Concrete & Masonry)
5. EnkaRetain & Drain matting, Colbond (Thermal & Moisture Protection)
6. Alpenglass fiberglass window, Alpen Energy Group (Top Ten Green Products)
7. Under the Tree garden shower, Conmoto (Plumbing, HVAC & Special Construction)
8. Ogee curtain fabric, Kova Textiles (Furnishings & Exterior Improvements)

Electrical

Lighting control devices • Power distribution units • Interior lighting fixtures, lamps & ballasts • Special-purpose lighting • Exterior lighting • Wind-energy equipment

Lane of light

Lane is a family of lamps that create a diffused lighting effect upward and downward on the wall. Made of extruded and die-cast aluminum, it is available in various lengths and in a version with an integrated-acoustic-diffusion system or LED spotlighting. Luceplan, New York City. www.luceplan.com **CIRCLE 313**

Take it to task

Powered by 18 LED lights, the Brazo task lamp offers focus control, making it ideal for use above computer monitors as it allows the user to both direct and choose any light spread without producing light spill. The lamp features 360-degree head rotation and height adjustment from 14" to 21". Haworth, Holland, Mich. www.haworth.com **CIRCLE 314**

Totally tubular

Initially designed for subways, stations, and parking lots, iSign also works well in offices, retail spaces, and exterior-interior borderline installations. Available in surface- and wall-mounted, horizontal, and vertical suspended versions with one or two modules. iGuzzini, Recanti, Italy. www.iguzzini.com **CIRCLE 315**

Lucky slots

Designed by David Chipperfield, Slot is a series of indirect recessed fixtures ideal for spaces where a noninvasive lighting effect is desired. A metal structure houses dimmable fluorescent bulbs. FontanaArte, New York City. www.fontanaarte.com **CIRCLE 316**

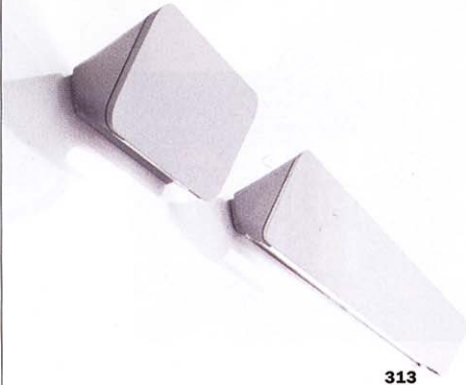
Choosing sides

Bega's Wall Luminaire with one-sided or two-sided light output allows light to be directed softly through the matte safety glass onto the wall. It is available arranged individually, in rows, or in groups. Bega, Carpinteria, Calif. www.bega-us.com **CIRCLE 317**

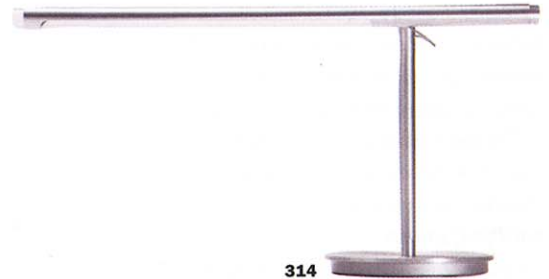
Walk toward the light

Reno is an illuminating column whose understated aesthetic is suitable for accent, walkway, and landscape illumination, including zone definition for pedestrian areas. The aluminum column houses a top-mounted reflector for easy relamping. Hess America, Gaffney, S.C. www.hessamerica.com **CIRCLE 318**

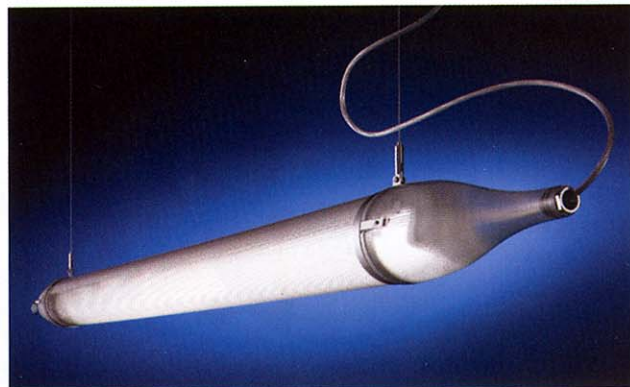
Of the many lighting products submitted, some were practical, some attempted to be both aesthetically attractive and technologically innovative, and some were just works of art. —K. BRETT MALAK



313



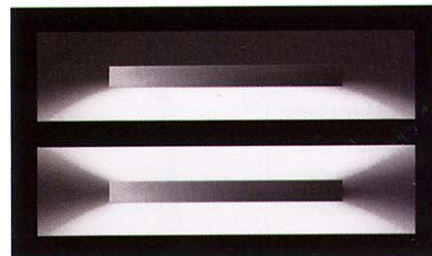
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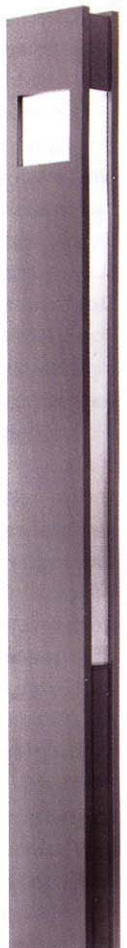
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Electrical

Lighting control devices • Power distribution units • Interior lighting fixtures, lamps & ballasts • Special-purpose lighting • Exterior lighting

A kaleidoscope of colors

Lightspace's color-changing, interactive LED display systems have a range of applications. Their new LIT-16 pressure-sensitive tiles are available in either a white or clear polycarbonate shell with updated diffusion technology, allowing for brighter and more saturated colors and effects. Lightspace, Boston.

www.lightspacecorp.com **CIRCLE 319**

Secret garden

The Skygarden pendant lamp designed by Marcel Wanders features a plaster body with a "hidden" textured decorative pattern on the inside. The exterior is finished in opal gold, or matte white, black, or rust paint. Available in 35" and 24" sizes. Flos USA, Huntington Station, N.Y.

www.flos.com **CIRCLE 320**

Shifting gears

Lucifer Lighting's Gear Driven Downlights feature two concealed, self-locking, internal gear trains that allow trim rotation, tilt, and hot aim to be precision-adjusted from the room side with just a screwdriver. Lucifer Lighting, San Antonio.

www.luciferlighting.com **CIRCLE 321**

Winsome white light

The Marlowe is an updated version of the traditional table lamp whose hand-blown glass, elliptical-shaped diffuser emits a soft, warm light. The stem and base are a combination of extruded and die-cast aluminum. Leucos USA, Edison, N.J.

www.leucos.com **CIRCLE 322**

Don't tear down this wall

Convia Programmable Infrastructure eliminates the traditional "pipe and wire" approach to delivering electricity by allowing for the complete virtual rewiring of a space in minutes. Switches, lighting, or other electrical devices become nodes on a network. Programming is via a two-button wand or an easy-to-navigate Web portal. Convia, Buffalo Grove, Ill.

www.convia.com **CIRCLE 323**

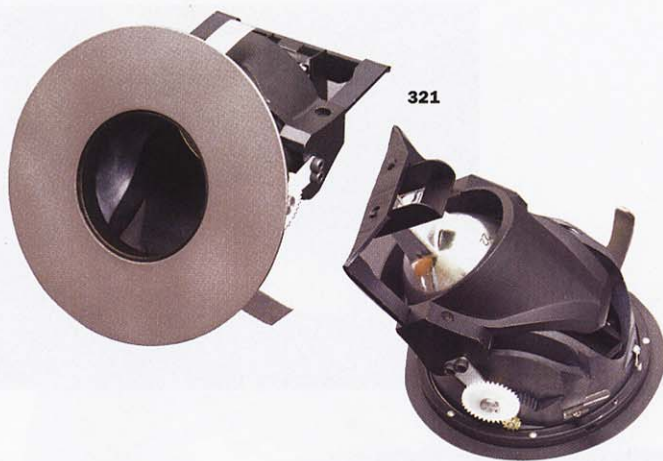
LED panel displays

The LC series is a semitransparent, modular system of LED panels ideal for displaying film, digital images, and graphics for stage, TV studio, and commercial applications. The extremely bright units offer true RGB possibilities that ensure output is always balanced and uniform. Martin Architectural, Sunrise, Fla.

www.martinarchitectural.com **CIRCLE 324**



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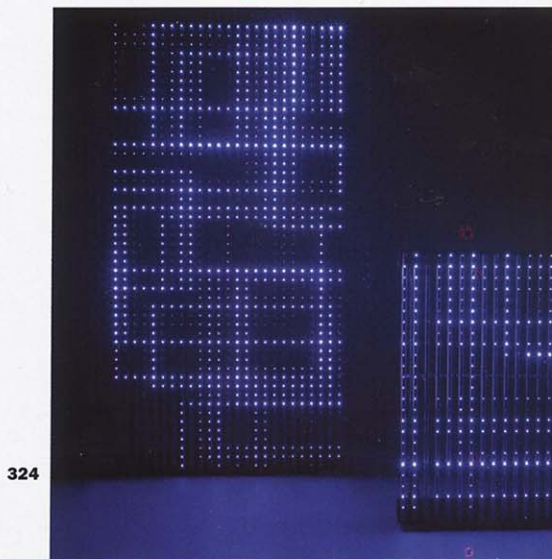
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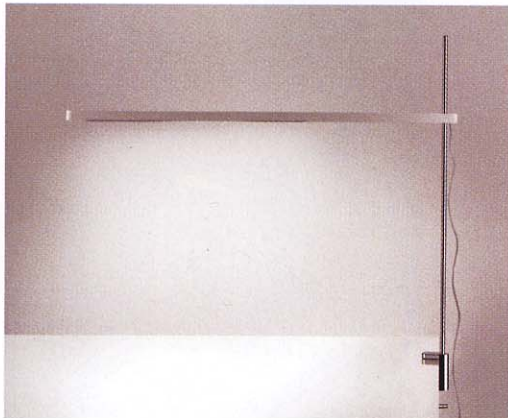
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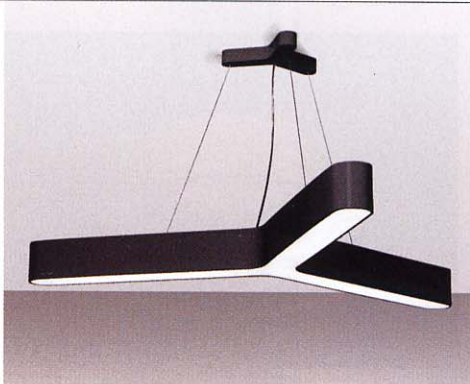
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Put to the task

Designed by Neil Poulton, the minimal Talak task lamp offers direct, adjustable fluorescent lighting. The extremely slim body, made from injection-molded thermoplastic, rotates 360 degrees and can be adjusted in height by sliding it along the chrome stem. Artemide USA, New York City. www.artemide.us **CIRCLE 325**

Armed with light

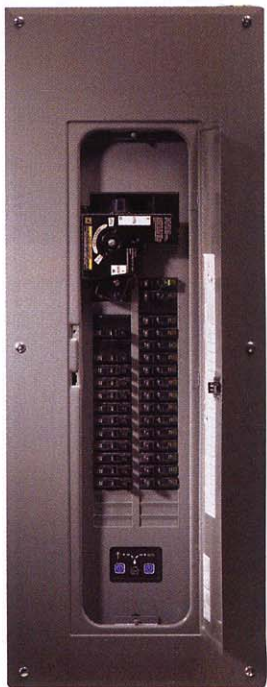
Gear 3 is a three-armed, suspended luminaire whose aluminum body features a satin-finished acrylic cover that provides gentle, even illumination. Available in white, black, or gray. Xal, New York City. www.xal.com **CIRCLE 326**



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Finding the way in the dark

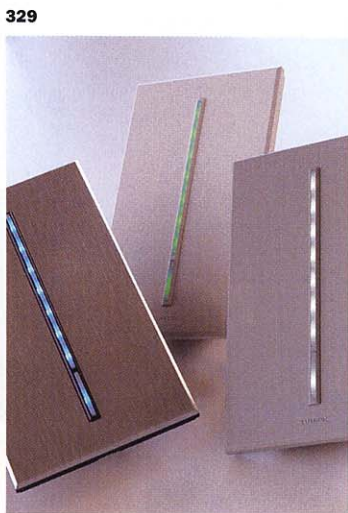
StumbleLight is a motion-activated, night guiding light that turns on when a hotel guest steps out of bed. It is placed under a nightstand or on a wall to illuminate a path. The LED source provides soft and unobtrusive light. Philips, Somerset, N.J. www.usa.philips.com **CIRCLE 327**



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Two-in-one load center

The Intelligent Transfer Switch eliminates the need for a second distribution panel and additional wiring for a standby residential generator. Should a power failure occur, it automatically transfers the electrical load to the generator. Kohler Power Systems, Kohler, Wis. www.kohlersmartpower.com **CIRCLE 328**



329

Touchy lighting control

The Verti architectural touch dimmer offers multilocation dimming with adaptive LEDs that brighten when pressed, and glow softly at rest. Available in a variety of wall-plate colors and finishes. Lutron Electronics, Coopersburg, Pa. www.lutron.com **CIRCLE 329**

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Enjoy a bright, long life

Sylvania's Dura-One Ecologic electrodeless, medium-base compact fluorescent lamps have an average rated life of up to 15,000 hours. Available in BR30 and A19 configurations. Osram Sylvania, Danvers, Mass. www.sylvania.com **CIRCLE 330**

Cut the lights

Allowing light to escape from a simple, cut aluminum tube, either toward the ceiling for ambient lighting or at the floor for night lighting, Toobo is available in indoor and outdoor, wall and floor, and short and tall versions. FontanaArte, New York City. www.fontanaarte.com **CIRCLE 331**

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Electrical

Lighting control devices • Power distribution units • Interior lighting fixtures, lamps & ballasts • Special-purpose lighting • Exterior lighting

Frosted transparency

The Vetro series of round downlights features striking combinations of hand-blown opal and clear glass diffusers in various shapes and sizes with satin aluminum rings. Lightolier, Fall River, Mass. www.lightolier.com **CIRCLE 332**



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Domestic energy policy

Skystream 3.7 is a small wind generator designed for utility-connected residential use, allowing homeowners to harness wind energy and lower their energy bills. Designed for very low winds, it begins producing power in an 8-mph breeze, with full output achieved at 23-mph. Southwest Windpower, Flagstaff, Ariz. www.skystreamenergy.com **CIRCLE 333**



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A thousand points of light

eW Flex SLX is a versatile strand of 50 white LED nodes, each composed of five LEDs and individually controlled. The durable, flexible form, composed of a polycarbonate lens and housing, allows for dynamic points of white light to be installed across nearly any interior or exterior surface. It is also suitable for lighting tight alcove spaces and signage. Color Kinetics, Burlington, Mass. www.colorkinetics.com **CIRCLE 334**



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Get a grip

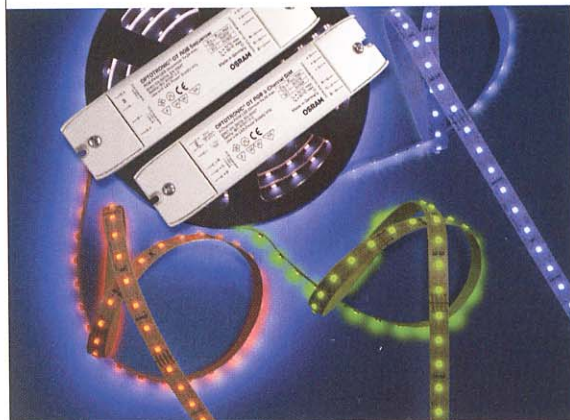
Heyco-TITE large-size, liquid-tight cord grips now handle larger cable diameter ranges. An integral sealing ring ensures a lasting liquid-tight seal at the mounting location. Molded of high-impact polyamide nylon. Heyco, Toms River, N.J. www.heyco.com **CIRCLE 335**



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In the mix

LinearLight flexible and rigid LED modules offer simple control for creating dynamic color-mixing and color-sequencing effects. For use as edge lighting and detailing, and for building facades, cove lighting, and illumination of transparent materials. Osram Sylvania, Danvers, Mass. www.sylvania.com **CIRCLE 336**



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Project greenlight

Alto II is Philips' next-generation, low-mercury fluorescent-lamp technology for the professional lighting market. Alto II T8 lamps now contain only 1.7 mg of mercury, a 50 percent reduction from previous levels, but with the same long life, energy efficiency, and lumen output. Philips, Somerset, N.J. www.philips.com/alto2 **CIRCLE 337**



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