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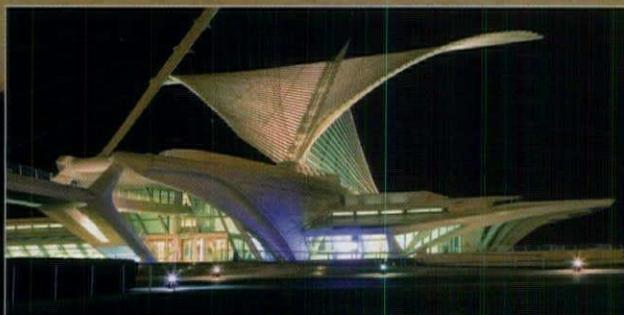
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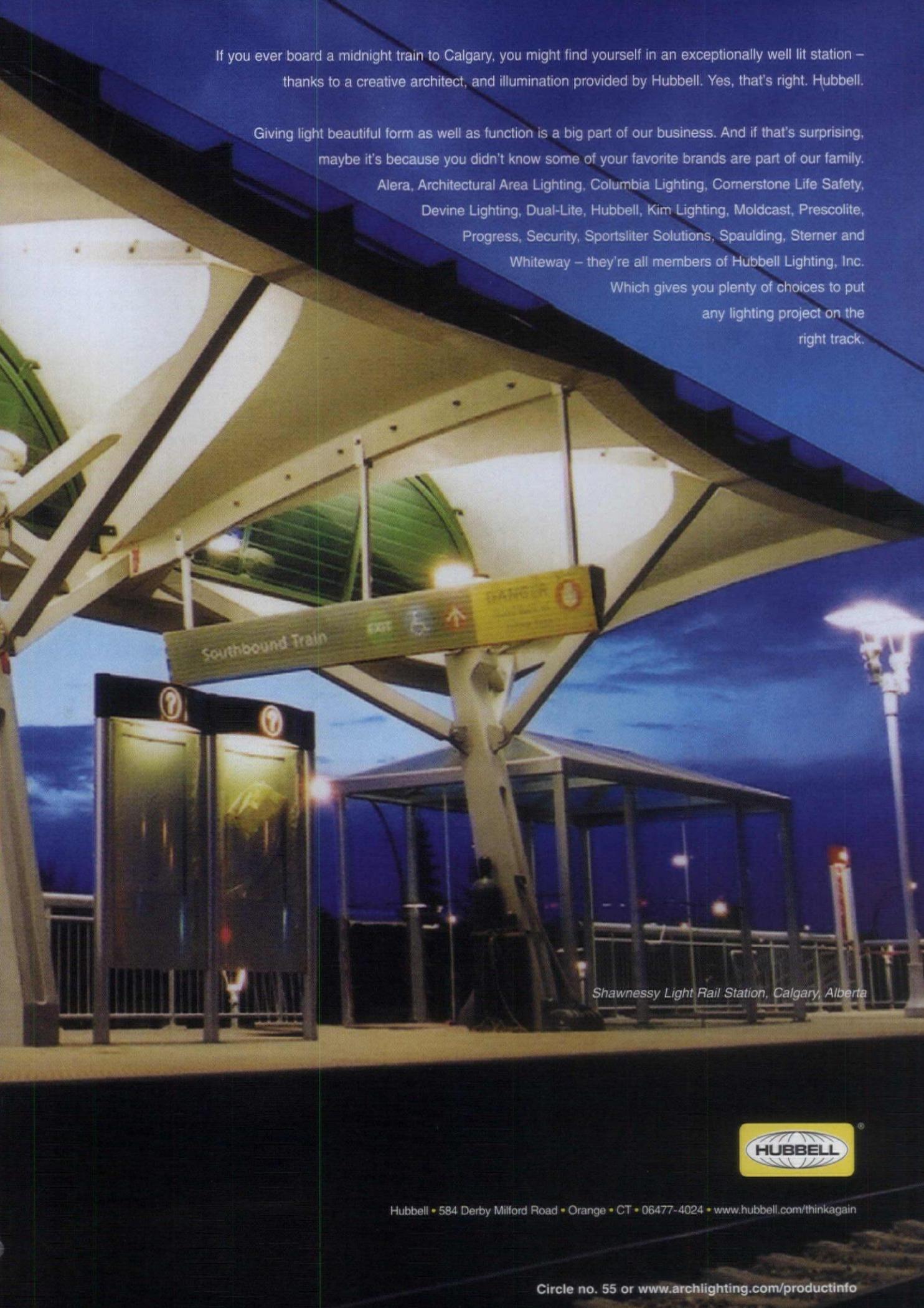
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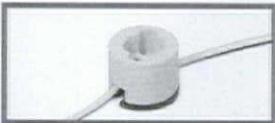
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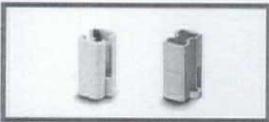
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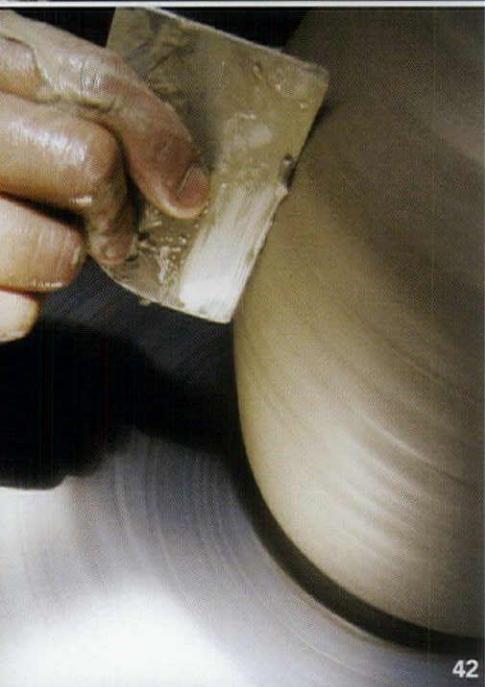
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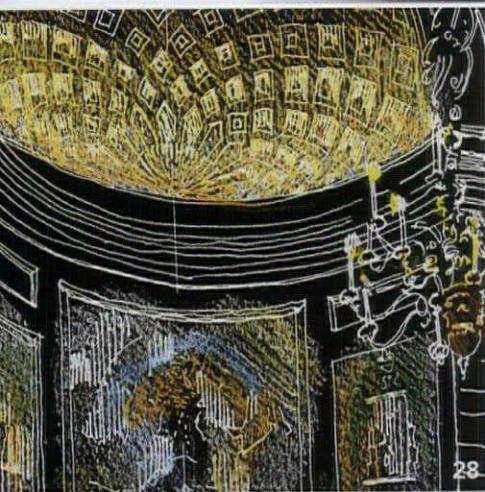
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Cover: The interior of the Alessi Store in SoHo, New York.

PHOTOGRAPHER ELIZABETH FELICELLA, NEW YORK

This page: Light box table designed by Parson's MFA lighting students, New York; a Krä light sculpture in progress; sketch by Mark Major of St. Dunstan's Chapel at St. Paul's Cathedral, London; VTR, a post-production facility designed by PSLab.



A sustainable design article



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Change and Evolution

CHANGE IS NEVER EASY, PARTICULARLY when it arrives unexpectedly.

Nonetheless, that is often how change announces itself, and it was in such circumstances that *Architectural Lighting* magazine and its staff found themselves at the end of September. Along with our sister publication *Architecture* magazine, A|L was sold to Hanley Wood, a Washington, D.C.-based publishing company specializing in construction and building titles.

The past eight weeks have been trying; to say otherwise would be glossing over the reality that is the process of transition and everything that goes with it. The challenge is how we as individuals respond in these critical moments, and it is with great excitement, tempered with a healthy dose of nervousness, that I welcome the opportunity to carry *Architectural Lighting* magazine forward as its editor. Accepting this offer does not come without its own amount of personal sacrifice and change for me as well—it means relocating to Washington, D.C.—but I look forward to exploring a new city and meeting a new architectural and lighting design community.

The most immediate change being experienced by A|L is in the makeup of its staff, and in the months to come, new names will be added to the masthead as the magazine reassembles itself in Washington. Critically important to me during this time of transition is to reassure all of you that A|L is alive and well, and will continue on its editorial course as an independent lighting design publication published seven times a year. Integrally related components of the print publication, such as the website and the A|L Light & Architecture Design Awards, will also continue. Most importantly, the architects, lighting designers, and lighting industry professionals that A|L has come to know—and the working relationships that have been developed, which are an integral part of the magazine's success—will not change either. The good

wishes and support from the lighting design community have been many of the brightest moments during this transition.

What is occurring at *Architectural Lighting* is a healthy evolution and refinement of the magazine, already in the planning stages prior to any purchase and sale. One thing in particular I want to stress from the outset is that A|L is in a better place with a publishing company who can and will put more resources behind the publication, and provide the foundations from which A|L can grow. Many people, including group publisher Pat Carroll, publisher Russ Ellis, and editor-in-chief Ned Cramer, along with countless others at Hanley Wood, have been working tirelessly both in front and behind the scenes in order to make this transition as smooth as possible for the magazine and for me, and for that I say thank you.

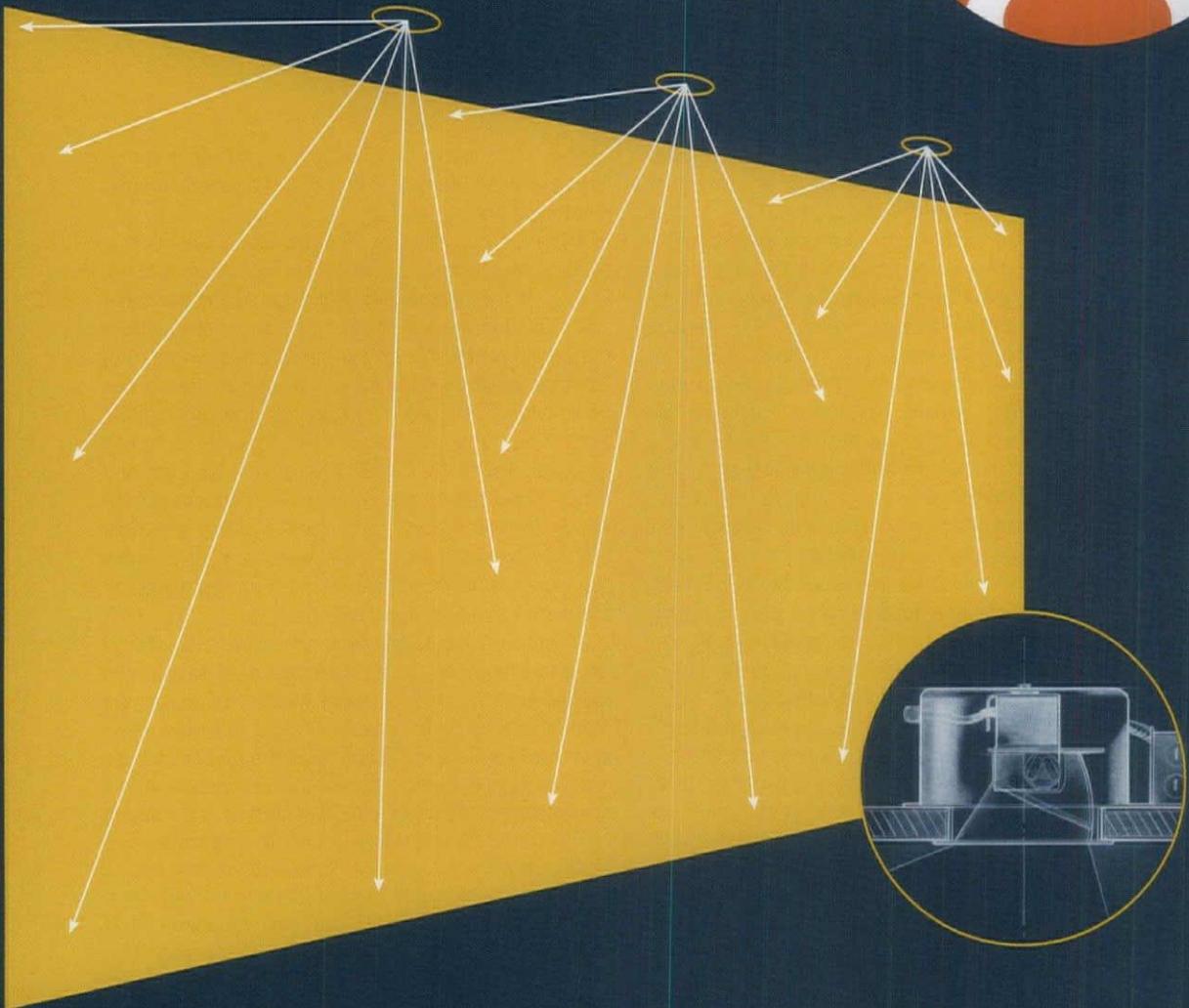
There are also some personal thank yous which I need to offer. First, to art director Casey Maher and former associate editor Sallie Moffat. Without their friendship and good humor, I would not have been able to go forward and focus on all the responsibilities associated with being editor of this publication. And a special thank you to Emilie Sommerhoff, a colleague and a friend. *Architectural Lighting* magazine as it exists today could not have happened without her.

Ultimately, this note has very little to do with lighting, but given everything that has transpired, it is important to pause and reflect on the events that have occurred. As Thanksgiving approaches I am reminded of the many things I have to be thankful for, including family, friends, and colleagues who support me, and work that I love. *Architectural Lighting's* future is bright, and I hope you will join me in the magazine's next exciting chapter.

ELIZABETH DONOFF
EDITOR

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WHAT DO ARCHITECTURE; DESIGN, THEATER, FILM, ART, HISTORY, AND SCIENCE HAVE IN COMMON? Light. The multi-faceted topic was the focus of discussion during a daylong symposium organized by the Museum of Arts & Design in New York City and held at Parsons the New School for Design. The museum conceived the idea and theme of the event, and then called on Chee Pearlman, of Chee Company, a New York-based editorial and design consultancy, to act as guest director. Pearlman planned an ambitious conference agenda and assembled an impressive group of speakers. "Light can be looked at through so many lenses," she explains. "My challenge was to take it beyond a design conference." And that she did. The day's events—11 principal presentations peppered with one-on-one conversations, film clips, and discussion time—were dynamic and thought provoking.

In examining the subject of light with such diverse and broad strokes, one is made aware of the complexities of light. Juxtaposing scientific discussions, like the talk by theoretical physicist Dr. Michio Kaku, with the work of artists such as Chris Levine who use fiber optics, LEDs, and holograms to create spatial environments, or the work of media artist Ben Rubin, who explores light as a form of communication, we are reminded that the perceived gap between the unimaginable and the tangible is really not that far.

Likewise, just when we think we have discovered something new, Mother Nature reminds us she has already figured it out. Dr. David Gallo, director of special projects at the Woods Hole Oceanographic Institute provided a fascinating view of life and light from the depths of our oceans. Organisms have learned how to live two miles below the ocean's surface, relying on bioluminescence and camouflage for their survival. In our light-filled world it is hard to imagine that such a severely dark place could exist, but as art historian Dr. Louis Lippincott discussed in a review of the exhibit she curated entitled, *Light! The Industrial Age, 1750-1900*, it was not all that long ago, before the advent of affordable, mass-produced electricity, that people lived in a much darker world.

As explained by legendary Broadway lighting designer Jules Fisher, it is light's ability to create drama, atmosphere, and "magic" that give it its transformative properties. In conversation with David Rockwell, the two discussed light's capacity to tell a story, and the challenge for the designer to do so in such a way that light is not visible. "Good lighting in the theater should not be seen," stated Fisher. "The audience should be watching the play." And so it is a similar task for architect Brad Cloepfil as he creates a new home for the Museum of Arts & Design. Spaces throughout the museum must have a luminous quality, but still allow visitors to focus on the art. Horizontal and vertical cuts through the floor slabs and walls allow light to interact with surface, structure, and people.

For Pearlman the measure of success for a conference such as this is if people come away having learned something and asking questions. "Speed of Light" will surely serve as a launching point for many more discussions on the most mercurial of topics—light. **ELIZABETH DONOFF**

SPEED OF LIGHT

Speed of Light included an impressive line-up of speakers and presentations. From left to right: Broadway lighting designer Jules Fisher; designer Chris Levine's Laserpod; Ingo Maurer in conversation with Murray Moss; and media artist Ben Rubin. The architect behind the Museum of Arts & Design's new home at 2 Columbus Circle is Brad Cloepfil, principal of Allied Works Architects. His architectural reconfiguration of the building, originally designed in 1965 by architect Edward Durell Stone, includes a series of cuts to bring light into the museum and provide a visual connection back to the city (below and bottom).



PHOTOS (ABOVE) COURTESY OF THE MUSEUM OF ARTS & DESIGN (MAD)/ALAN KLEN PHOTOGRAPHY; RENDERINGS BY ALLIED WORKS ARCHITECTURE, PROVIDED BY MAD

AJL LIGHT & ARCHITECTURE DESIGN AWARDS ROUNDTABLE



AN INTIMATE GATHERING OF LIGHTING DESIGNERS, ARCHITECTS, AND STUDENTS gathered on October 24, 2006, in Wollman Hall at Parsons the New School for Design to celebrate the recipients of this year's AJL Light & Architecture Design Awards and partake in a discussion about the collaborative relationship between the professional practice of lighting design and architecture. Panelists included both lighting designers and architects involved in the winning projects and included: Derek Porter, Derek Porter Studio; Stephanie Goto, Goto Design Group; Jeff Gerwing, SmithGroup; Meejin Yoon, MY Studio; David Singer, Arc Light Design; Michael Cummings, Focus Lighting; and Josh Shelton, El Dorado Architects.

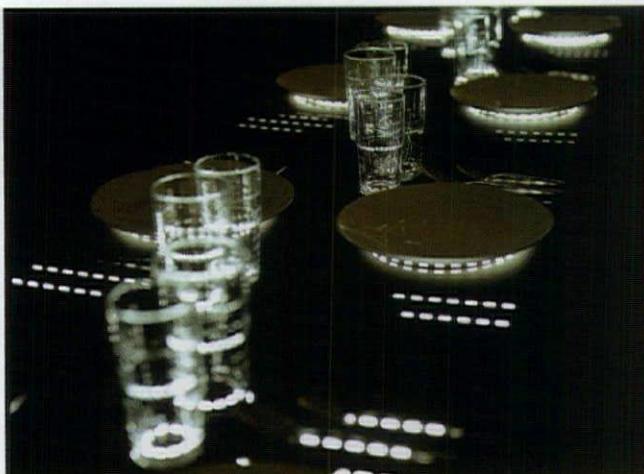
The evening's activities began with an award presentation and review of this year's projects. Derek Porter, who is also Director of the MFA Lighting Design program at Parsons, with whom the event is co-organized, served as panel moderator.

Porter began the discussion by asking what are the expectations when a lighting designer is hired? The participants agreed establishing a relationship of trust, and early collaboration was

Participants at the Roundtable discussion (from left to right): Derek Porter, Stephanie Goto, Jeff Gerwing, Meejin Yoon, David Singer, Michael Cummings, and Josh Shelton.

the key to success for any project. Additionally, it was acknowledged that lighting designers have a certain skill set, which they bring to a project. "There is a science involved," said Josh Shelton. "Lighting designers are immediately in the space." The technical knowledge lighting designers can offer architects is increasingly important. "The role of the lighting designer is becoming more defined as energy codes need to be addressed," stated David Singer. Michael Cummings suggested that one of the often, overlooked benefits of codes is that they push designers and manufacturers to innovate.

Stephanie Goto asked in turn how lighting designers feel about working with architects. "It is the ability to bounce ideas off one another," added Josh Shelton. And in a similar fashion the roundtable's goal is to foster lively and insightful dialogue between architecture and lighting professionals. **ED**



AN ILLUMINATED FEAST

Alejandro Bulaevsky, Meghan Campbell, Niko Economidis, Danielle Hunt, Sila Karakaya, Kathleen Lauth, Sandra Maacaron, Kalpana Patel, and Kylie Stoneham, students in the MFA Lighting Design program at Parsons The New School for Design hosted a dinner following the roundtable discussion. They designed an impressive 20-foot-long by 2-foot-wide wooden "light box" table as the centerpiece. The table was internally illuminated with 15, 3000K, four-foot-long, T12 lamps and ballasts in a staggered configuration. The table surface was covered with a diffusing material, and topped with laser cut, black place settings. As Alejandro Bulaevsky explains, "The surface is activated by the movement of tableware allowing light to escape, creating a continuously dynamic lighting environment."

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A CALL TO ACTION

"THE YEAR OF AWARENESS: A CALL TO ACTION" WAS THE THEME FOR ENLIGHTEN 2006, the International Association of Lighting Designers' (IALD) annual education conference. Held at the Rancho Bernardo Inn in San Diego, the sunny location made an equally strong impression on the 200-plus attendees, as did the conference agenda.

Presentations during the two-day event covered a range of pressing topics. Gregg D. Ander, chief architect of Southern California Edison, who discussed energy efficiency and load management issues, delivered the opening session. An insightful talk on the different characteristics of America's five generations—G.I.s; Silents; Baby Boomers; Gen Xers; and Millennials—by Chuck Underwood, president of the Generation Imperative, proved to be another conference highlight.

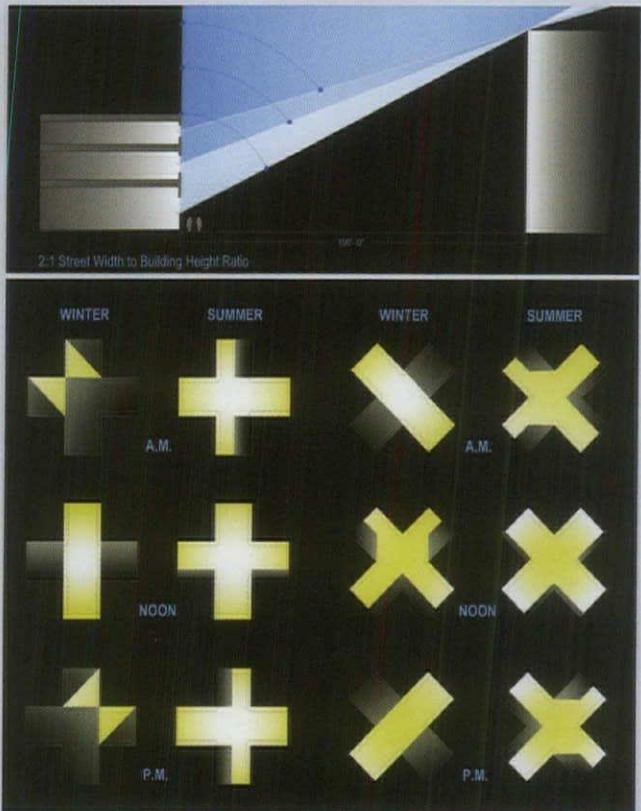
One of the more interesting, albeit confused discussions took place during the Town Hall Meeting. The question posed for this moderated debate between IALD president Graham Phoenix and recently-named IALD fellow Jim Benya was: Should the IALD change its ethics and have a more open membership? Phoenix argued that the current code of ethics and resulting membership criteria should remain intact, lest there be a loss of professional integrity and client confidence. Benya countered that the current membership rules are too limiting, adversely affecting the profession's recognition by allied design professions such as architecture, as well as the general public. At times it seemed as if two different topics were being debated, leaving this editor to wonder is there not a way to retain a professional code of ethics, and still find compatible methods for growing the IALD membership?

In keeping with the education theme, 16 students from lighting and design programs in the United States and Canada attended the conference thanks to support from the IALD Education Trust. Their schedules were kept busy with a presentation by Rogier van der Heide of Arup Lighting, portfolio review sessions, and a design charrette resulting in four landscape lighting installations called "Light Play" on view during the final evening activities.

Thought-provoking discussions and inspired surroundings characterized the event. The question is: will participants take heed of the conference theme—a call to action? Only the coming year will tell. **ED**



Rogier van der Heide and student during the portfolio review sessions.



2:1 Street Width to Building Height Ratio (top). The diagram illustrates the principle of diminishing window area in relation to higher building floor height and the resultant increase in sky angle. **Cardinally Aligned vs. Rotated Street Grid (above).** This diagram compares the pattern of light and shadow on a street grid that runs north-south to one that is rotated 45 degrees off south.

DAYLIGHT AND THE CITY

DAYLIGHT AS A POTENT SHAPER OF MANHATTAN'S SKYLINE WAS THE TOPIC OF DISCUSSION presented at the Center for Architecture in New York City on November 8, 2006, by design historian Margaret Maile Petty, and lighting designer Matthew Tanteri, both members of the MFA Lighting Design program at Parsons The New School for Design. From massing to fenestration, Maile Petty and Tanteri's thesis is convincing: Daylight has directly determined the design of New York City's iconic skyscrapers.

The advent of steel frame construction and passenger elevators in the late nineteenth century, allowed buildings to soar. It afforded the opportunity to be closer to daylight and views, and height became profitable. The standard rule of the era was to limit office depth to 28 feet, because the depth of daylight penetration was twice the head height of a window. The real estate community referred to this as "the economic depth of the office."

Jump to the International Style of the 1950s. Epitomized by the glass box, it brought about a new logic in skyscraper design. Modern amenities including fluorescent lighting and climate control allowed for deeper depths of premium office space—up to 50 or 60 feet—within a sealed environment, and real estate economic necessity for daylight was no longer a factor. Trends today are once again reversing, and the duo plans to extend their initial research to include current building approaches. **MURRYE BERNARD**

LEFT: COURTESY OF IALD; PHOTO BY GERRY RUSHKOW; RIGHT: COURTESY OF TANTERI + ASSOCIATES; ILLUSTRATIONS BY ERIN DEVIKES

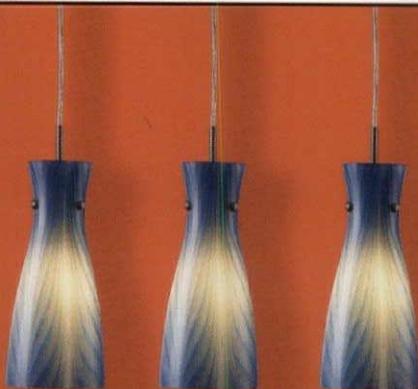
ULTRALIGHTS STUDENT DESIGN COMPETITION

BUILDING ON THE SUCCESS OF LAST YEAR'S INAUGURAL program, Tucson-based UltraLights Architectural Lighting has announced the winners of this year's competition: Cameron Miller and Brandon Schans. Students were asked to design a wall sconce or bracket for the entry of a 10-

story office building in Denver. The fixtures had to be wet-listed, use either high output fluorescent or metal halide sources, and acknowledge dark sky regulations, along with budget and size constraints.

UltraLights president Jim Restin conceived the program to introduce archi-

tectural students to lighting design during their studies. A five-person jury of design, architecture, and lighting professionals, reviewed 34 entries. The competition is held in conjunction with the University of Arizona's College of Architecture. **AJL**



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First-prize winner Cameron Miller's design (top and middle) was inspired by the idea of a spiral and the repetition of elements for ease of manufacturing. The glass dome is used as both a reflector to bathe the wall surface with light, and a diffuser to provide an ambient glow. Runner-up Brandon Schan's design (above) explores the use of curved planes to diffuse light.

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LIGHTS OF PHILADELPHIA

IS IT POSSIBLE TO DEVELOP LIGHTING SOLUTIONS THAT meet code, accommodate user functions and client requirements, and realize the design vision? These were the questions shaping many of the seminars, workshops, and keynote addresses delivered during the two-day "Lights of Philadelphia

2006" conference held October 16-17. This biennial event, sponsored by the Illuminating Engineering Society of North America's (IESNA) Philadelphia Section (IES-PHL), attracted a diverse range of lighting designers, engineers, and manufacturers, from the seasoned professional

to the recent design-school graduate.

To develop programming that would attract a large audience and encourage conversations on key industry concerns, the conference committee—comprised of 30 IES-PHL members—engaged nationally recognized practitioners as its conference presenters. In the first of two keynote talks, Jim Benya, of Oregon-based Benya Lighting Design, encouraged attendees to participate in the code-writing process as a way of ensuring that lighting designers versed in the subject are helping to define the regulations that govern their work. In the second keynote presentation, Paul Deeb, principal of Baltimore-based VOX, discussed the challenges of selling a lighting concept. Seminars covered a wide range of topics, including: fiber optics and electronic metal halide ballasts, ASHRAE/IESNA/ASNI 90.1 and LEED, controlled energy-saving solutions, specialty environments, and the business of design. Workshops focused on lighting schools and landscapes, using daylight, and designing sustainable environments.

In one notable seminar, former U.S. Secretary of Energy Don Millstein, the current president of lighting control developer Encelium Technologies, described the importance of using advanced lighting controls to reduce consumption and expense caused due to unprogrammed lighting levels. A 96-vendor tradeshow supplemented the opening day's activities.

Despite the conference's diversity of topics, the programs all shared one attribute: Conveying practical knowledge. In future years, as IES-PHL works to refine and expand its programming to attract an even wider audience, including architects and interior designers, "Lights of Philadelphia" could well become one of the lighting industry's more varied, engaging, and relevant events. **JOSEPH DENNIS KELLY II**

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CORRECTION In the article, "A Clockwork Blue," which appeared in the Sept/Oct 2006 issue, Design Plan was wrongly credited in the manufacturers/applications listing for providing LED strip fixtures at the podium screen wall. They actually supplied custom LED floodlights mounted at the fourth-floor parapet above the screen wall.

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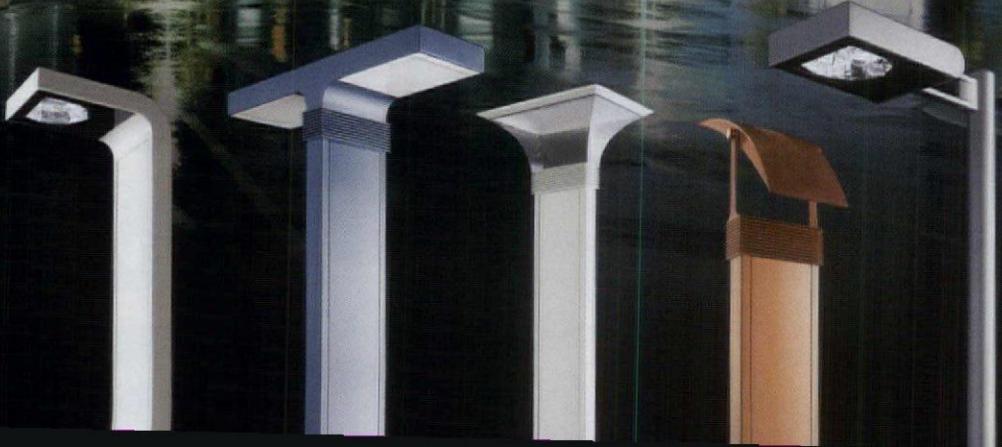
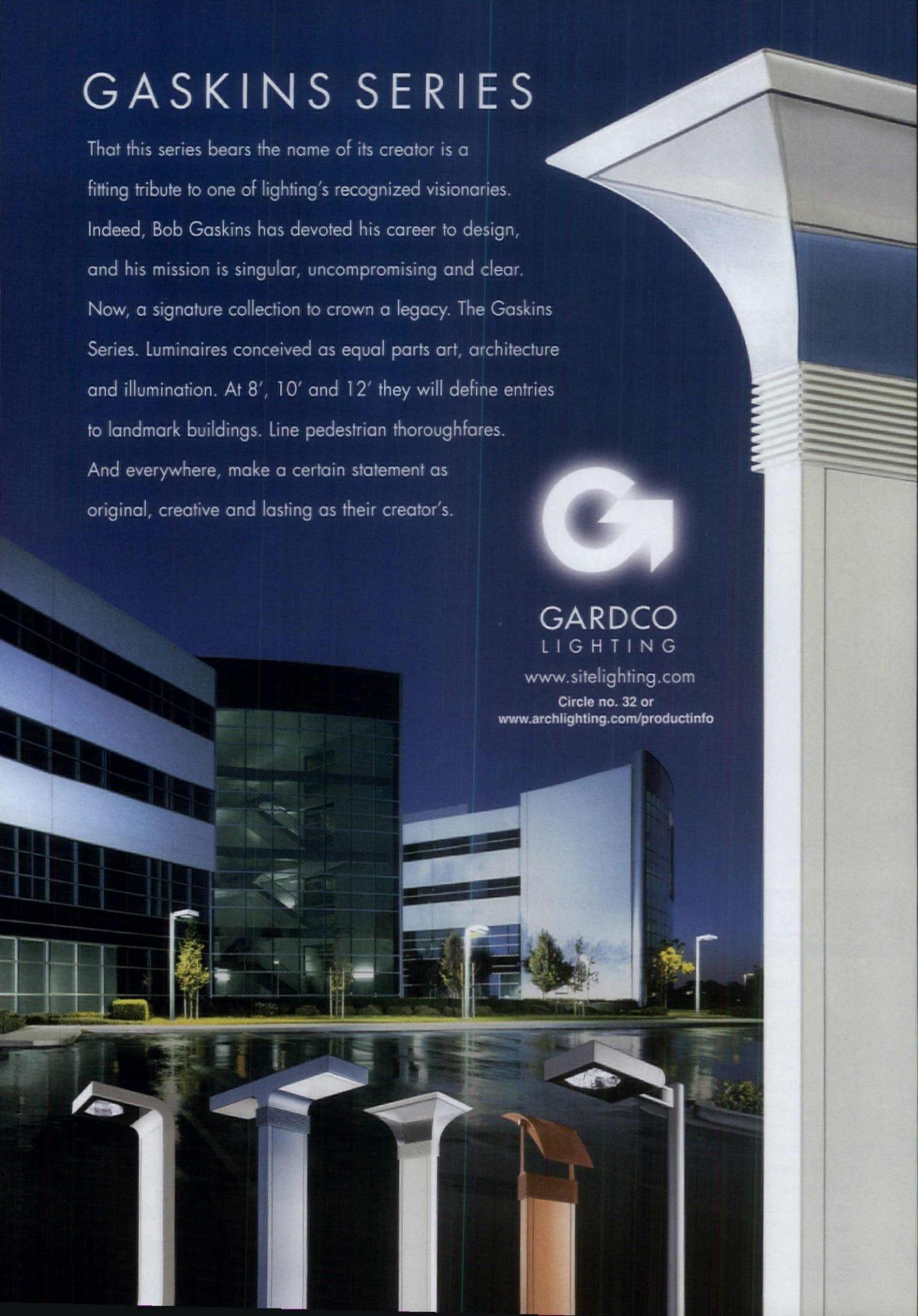
That this series bears the name of its creator is a fitting tribute to one of lighting's recognized visionaries. Indeed, Bob Gaskins has devoted his career to design, and his mission is singular, uncompromising and clear. Now, a signature collection to crown a legacy. The Gaskins Series. Luminaires conceived as equal parts art, architecture and illumination. At 8', 10' and 12' they will define entries to landmark buildings. Line pedestrian thoroughfares. And everywhere, make a certain statement as original, creative and lasting as their creator's.



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Seeing Green: Sustainability Goes Mainstream

BY SALLIE MOFFAT

SUSTAINABLE DESIGN HAS ENTERED THE MAINSTREAM. THOUGH ENVIRONMENTAL issues, such as energy efficiency and global warming, have been concerns for over 50 years, the past decade in particular has seen increased "green" initiatives garner the general public's attention.

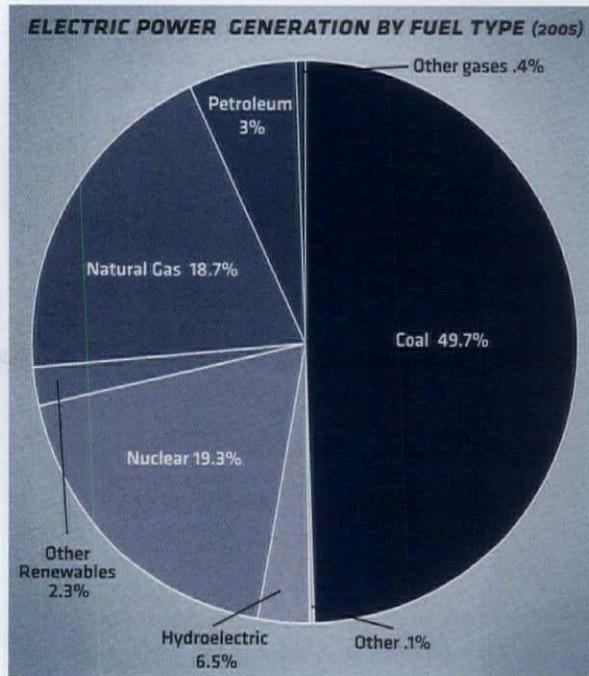
PUBLIC EDUCATION

Television and movie screens offer the most widespread, public vehicle for educating the masses about environmental issues. The film, *An Inconvenient Truth*, for example, is about former vice president Al Gore's campaign to bring global warming to the forefront of the international stage. In it, he not only presents evidence that global warming is happening, but helps viewers to understand that they and they alone can affect change. To date, it is the third-highest-grossing documentary in the United States. Similarly, MTV is using its popularity to reach millions of school-age individuals through a partnership with the Campus Climate Challenge, a campaign of the Energy Action Coalition, which is made up of more than 30 leading youth organizations throughout the U.S. and Canada. Together they launched "Break the Addiction Challenge," a nationwide competition challenging students to stop global warming, starting on their own campuses. The objective: to achieve 100 percent clean energy policies at their schools.

Rising energy costs and increasing concerns about the environment are also driving consumer interest in "green" homes, which, according to the U.S. Green Building Council (USGBC), are 30 to 50 percent more energy efficient than traditional homes. In September 2006 at the Clinton Global Initiative Conference in New York, the USGBC, with support from San Diego-based developer Newland Communities, announced an online consumer education resource, the first program in its campaign to educate the public about the benefits of green design. Scheduled to launch January 1, 2007, this resource will provide consumers with information on how to make their homes more efficient. "This year alone there were 1.9 million homes being built using 20 percent of the energy in the U.S.," notes Rick Fedrizzi, president, CEO, and founding chair of the USGBC, in a prepared statement. Indeed, by educating consumers on green building, the potential for significant reduction of energy consumption is huge.

CREDIBILITY CONFIRMED

The USGBC continues to develop its Leadership in Energy and Environmental Design (LEED) rating system with LEED for Schools, LEED Retail for New Construction, and LEED for Healthcare, which are currently in development. Having already become a reputable certification metric amongst architects, designers, and building owners, a July 2006 Sustainable Building Rating Systems Summary by the U.S. General Services Administration may establish LEED as the de-facto industry standard. In the summary, LEED was evaluated against four other systems—Building Research Establishment's Environmental Assessment Method (BREEAM); Comprehensive Assessment System for Building Environmental Efficiency (CAS-BEE); GBTool; and Green Globes U.S.—and was found to be the most credible.



According to the Environmental Protection Agency, air emissions, caused by conventional electricity generation from fossil-fuel-fired power plants (those producing electricity with sources including coal, oil, gas, and petroleum) are responsible for 67 percent of the nation's sulfur dioxide emissions, 23 percent of nitrogen oxide emissions, and 40 percent of man-made carbon dioxide emissions. In addition to this pollution, power plants are the main source of mercury emissions in the United States.

THE BIG PICTURE

While lighting constitutes a substantial portion of consumption where energy conservation is concerned, many design community initiatives are focusing on the big picture, making changes to the building construction envelope as a whole, therefore generating integrated efficiency on a larger scale. One such program is the 2030 Challenge by Architecture 2030. Founded by Edward Mazria, senior principal at Mazria Inc. Odems Dzurec, an architecture and planning firm in Santa Fe, New Mexico, the challenge calls for all newly constructed buildings to be carbon neutral by 2030, meaning that no fossil fuel is used. Advocated by both the American Institute of Architects (AIA) and the U.S. Conference of Mayors, who were highlighted in a

September speech at New York University by Al Gore, the challenge's purpose to eliminate fossil-fuel emissions from the construction and operation of buildings will, Gore says, help curb global warming. According to R.K. Stewart, president-elect (2007) of the AIA and chair of its Sustainability Summit Task Force, "The design, construction, and operation of buildings accounts for nearly half of all greenhouse gas emissions and accounts for three quarters of all U.S. electricity generation."

In addition to building construction and operation, governmental agencies are creating national plans to address the country's energy use, such as the National Action Plan for Energy Efficiency. Published in July 2006, it is funded by the Environmental Protection Agency (EPA) and the Department of Energy's (DOE) Energy Efficiency and Renewable Energy (EERE) Division. Developed by more than 50 leading organizations, including gas and electric utilities, state agencies, energy service providers, and environmental/energy efficiency organizations, the plan aims to create "a sustainable, aggressive national commitment to energy efficiency" through gas and electric utilities, utility regulators, and partner organizations.

FOCUSING IN ON LIGHTING

While energy codes and regulations can reap great advantages, one concern among lighting designers is that of potential design limitations. As Mark Loeffler, member of the International Association of Lighting Designers (IALD) and Associate Director of Lighting Design at Atelier Ten, explains, "New energy codes are challenging, especially for retail and hospitality projects that have traditionally depended on accent lighting and other techniques that inherently require more energy than other applications." In order to convey this concern and to have an impact on how lighting codes are being adjusted, five members of the IALD's Energy and Sustainability Committee are representing the organization's interests to ASHRAE/IES Standard 90.1, the International Energy Conservation Code (IECC), and the California Energy Commission. As Loeffler says, "By ensuring that we fit our concerns into the established appeal process for the major code-writing bodies, we will have leverage with 90.1 and IECC, which are the two most influential codes for states."

The Illuminating Engineering Society of North America (IESNA) and the Next Generation Lighting Industry Alliance (NGLIA) have joined forces with the DOE to address industry-specific issues. In July 2006 the IESNA and the DOE signed a Memorandum of Agreement to improve the efficient use of energy and minimize the impact of energy use on the environment. One of the agreement's five goals is the support and development of metrics and standards for solid-state lighting technology, which are foundations of the DOE Energy Star criteria for solid-state

ENERGY OUTLOOK

The DOE Energy Information Administration's (EIA) Annual Energy Outlook 2006 presents a forecast and analysis of U.S. energy supply, demand, and prices through 2030. This selection of projections is based on results from the EIA's National Energy Modeling System.

➤ Current projections anticipate U.S. energy demands to increase by more than one-third by 2030, with electricity demand alone rising by more than 40 percent.

➤ Total primary energy consumption, including energy for electricity generation, grows by 1.1 percent per year from 2004 to 2030, with fossil fuels accounting for 88 percent of the growth. Coal use will increase by 53 percent, petroleum by 34 percent, and natural gas by 20 percent over that same period. More than one half of the increase in coal consumption is expected after 2020, when higher natural gas prices will make coal the fuel choice for most new power plants.

➤ Despite technology improvements, rising fossil fuel costs, and public support, the contribution of renewable fuels to U.S. electricity supply remains relatively small—at 9.4 percent of total generation in 2030, up from 9 percent in 2004.

➤ By customer sector, electricity demand will grow by 75 percent from 2004 to 2030 in the commercial sector, by 47 percent in the residential sector, and by 24 percent in the industrial sector.

➤ Efficiency gains are expected in both the residential and commercial sectors as a result of new standards in EPC 2005 and higher energy prices that prompt more investment in energy-efficient equipment.

lighting. NGLIA worked with the DOE to establish Energy Star criteria for white solid-state lighting products, which will be split into two categories. Category A will cover a limited number of general illumination niche applications, such as task lighting, recessed downlights, and walkway lighting, while Category B includes LED systems for general illumination, and also serves the industry as a long-term efficacy and efficiency target which will exceed current Energy Star residential light fixture and compact fluorescent lighting thresholds (50 to 70 lumens per watt).

RAISING THE BAR

While architectural and engineering considerations, as well as lighting design schemes, must be taken into account for sustainable building, so too must green products. In the luminaire market, there has traditionally been a lack of aesthetically pleasing fixtures that adequately fit the needs of sustainable lighting design. Manufacturers often tout energy efficiency, but with no regard for sustainable materials or business practices, their so-called "green" products fall short. Enter Eleek and Vode Lighting, two recently founded companies whose idea of sustainability is fundamental to their designs and their business.

For Sattie Clark, principal of Portland-based Eleek, which was founded in 2000, a sustainable business model was a natural reflection of personal interests. "We didn't yet know that it would become such an asset in the marketplace," she says, "but we saw that in order to make people excited about putting energy-saving lighting in their homes, you have to offer them choices that look good and feel good." As a member of the Oregon Natural Step Network, formed to support Oregon business, governmental, and educational organizations in reducing their environmental impact while enhancing overall efficiency and effectiveness, Eleek is a first-rate example. The company operates on 100 percent green power; its products are made from recyclable, recycled, and salvaged materials with energy-saving lamps and electronics; 80 percent of the company's supplies are within 50 miles of its shop; fixtures are distributed with minimal packaging; and the company car is a Volkswagen Beetle that runs on B99, a biodiesel blend made from 99 percent non-petroleum sources. LEDs are the company's next step in sustainability, and will be incorporated into product designs.

For Sonoma, California-based Vode Lighting, launched in August 2006, its sustainable design philosophy was a core idea from day one. Inspired by McDonough and Braungart's Cradle-to-Cradle design paradigm, the company founders also looked to other like-minded companies, such as Patagonia and Interface Carpet, for inspiration. "We want Vode to be the aspiration in lighting," says chief creative officer Scott Yu. "'Good' design that is environmentally harmful is an oxymoron; equally, a 'green' product that is not attractive has only limited appeal." The company's first product is the Modular Light Rail System, which comprises a series of minimalist lighting components. Made of 97 percent recycled aluminum, the PVC-free system uses energy-efficient T5 fluorescent lamps and is designed with easily separable materials for simplified recycling. Because the components are shipped in compact cardboard tubes for on-site assembly, materials are kept to a minimum, reducing energy, cost, and waste. In addition, Vode is exploring ways to attain LEED points and Cradle-to-Cradle certification for luminaires, as well as developing an LED-based lighting system. Says Vode president Tom Warton, "The potential for LEDs is tremendous."

Both Eleek and Vode Lighting have seen an increasing interest in "green" luminaires. "For the most part, consumers are very savvy,"

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Clark explains. "They want sustainability without sacrificing design and performance." Warton echoes that point. "Several years ago, I wouldn't have guessed the level to which designers and their clients value sustainability." For both, aesthetics are paramount, but, says Warton, "products as well as companies also have to perform."

ACTION STATIONS

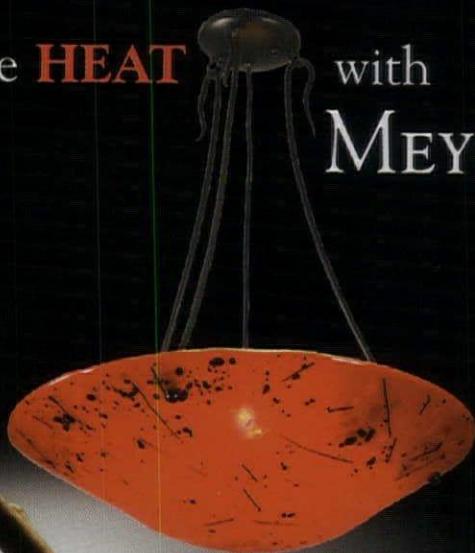
Together, advancing architecture, design, and lighting techniques are creating dramatic new opportunities for substantial energy savings and reduction in pollution. Finding alternative ways to reduce load, increase efficiency, and develop renewable energy sources offers a chance to reverse the damage that we have done to the environment.

Ensuring that the public is educated, aware of these new techniques, and ready to take responsibility for, and manage, our consumption, will only get us there faster.

Sallie Moffat is the former Associate Editor of Architectural Lighting. She is now working as a freelance writer in Brooklyn, New York.

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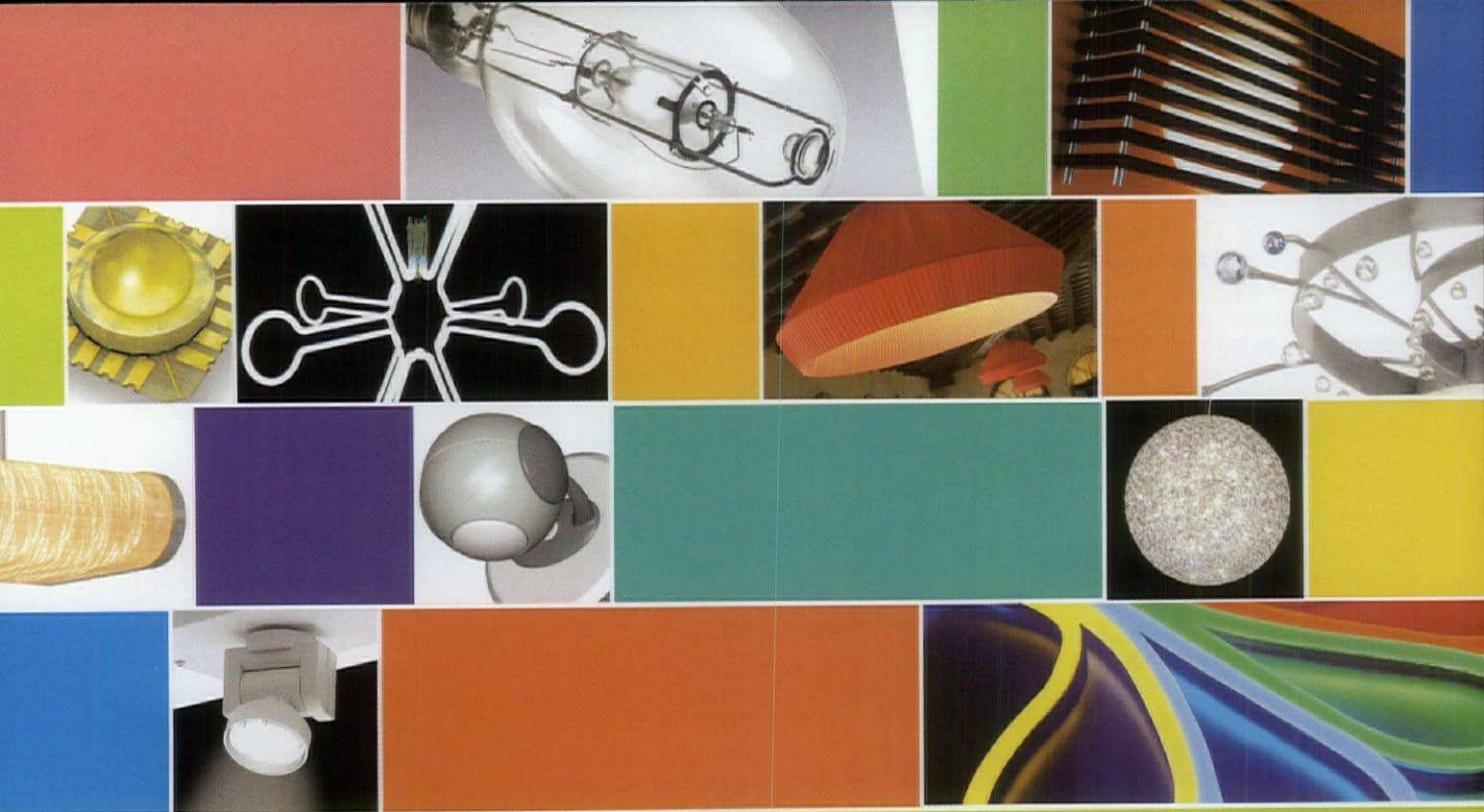
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THINKING GLOBALLY



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Sam Fox School
of Design & Visual Arts

St. Paul's Cathedral

Waterlemon/milia m/VTR

"Lighting Churches
South of the World"

Krä

IS THE WORLD GETTING LARGER OR SMALLER? COMMUNICATION AND TECHNOLOGICAL ADVANCES WOULD SUGGEST THAT OUR GLOBAL REACH IS SHRINKING, AS PHYSICAL distance is being reduced in scale by the simple act of sending an e-mail. As the work of the architects and lighting designers in this issue dedicated to the theme of "Thinking Globally" proves, we share more similarities than differences, and the tenants of good design—thoughtful, considered solutions—remain the same despite cultural interpretations.

Whether it be the clean, modernist lines of Pritzker-prize-winning architect Fumihiko Maki revisiting the site of his first commission at Washington University in St. Louis, Speirs and Major Associates' delicate and respectful lighting scheme for Sir Christopher Wren's St. Paul's Cathedral in London, the artisan approach of both Beirut-based PSLab and Santiago-based Krä, Iluminación Acustica's use of lighting to transform communities throughout Chile, or the dynamic retail lighting solutions for global brands Louis Vuitton and Alessi, design, specifically lighting, offers a universal language that can be understood by all. This sentiment is best summarized by architect and lighting designer Oriana Ponzini: "One must try to get to the essence of the place and its users before starting a lighting project, what they expect from your project, how they'll use it, how they dream it. Learn their language, dance their songs, feel like one of them, then you'll be able to create an appropriate lighting project for a place."

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AN INDIVIDUAL AND INSTITUTIONAL EVOLUTION IS TAKING SHAPE ON THE CAMPUS OF Washington University in St. Louis, and the author of that transformation—Pritzker prize-winning architect Fumihiko Maki—is once again at the helm. For the past 46 years the visual arts have occupied three separate buildings on the southwest corner of the campus—the beaux-arts style Givens Hall, home to the school of architecture, its twin Bixby Hall, home to the school of art, and the modernist-inspired Steinberg Hall, Maki's first commission, anywhere. Maki designed the freestanding building with its signature folded-plate roof, to house the art and architecture library and art museum, while working in the Campus Planning office in 1960. A member of the School of Architecture faculty from 1956 to 1962, it seems only fitting that his architectural touch of geometric forms should once again transform these schools.

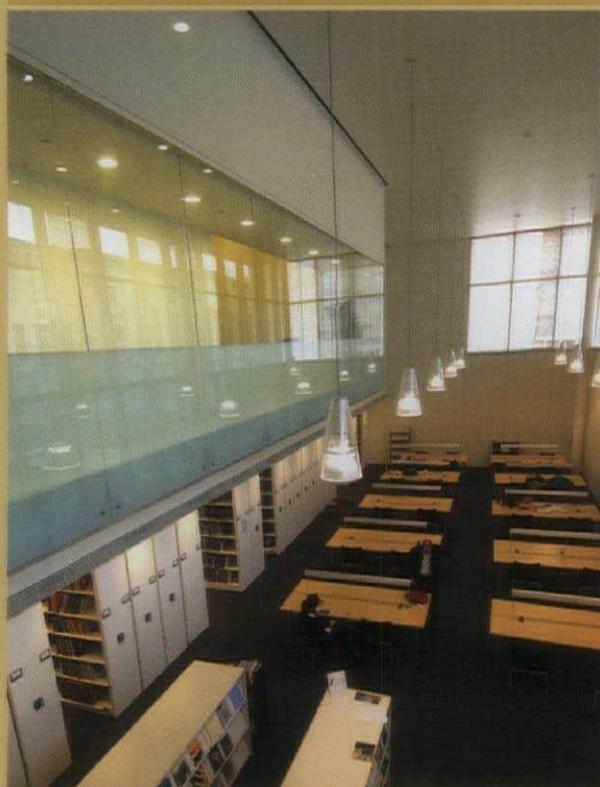
The three existing buildings, whose previous physical connection occurred only via enclosed second floor pedestrian bridges, are now joined by two new freestanding structures, and connected by a series of outdoor open spaces. Much in the way Maki's placement of Steinberg Hall, literally in between Givens and Bixby, knitted the two together and created a physical presence, the new limestone-clad buildings—the Kemper Art Museum located across from Steinberg, and Walker Hall facing Bixby—will increase exhibition and art studio space, and provide a variety of internal and external spaces that foster communication and collaboration between the artistic disciplines. A mature expression of Maki's interpretation of modernism, these light-filled, flexible floor-planned buildings serve as contemporary counterpoints to the existing structures, and help create an environment more indicative of the visual arts design process in the twenty-first century.

Maki is no stranger to light; it is an inherent part of his understanding of architecture. "Maki is interested in how architecture creates exterior spaces," explains Alan Kawasaki, principal of Shah Kawasaki, the Oakland-based firm who acted as the architect of record for the project. "He is interested in the connection between things and how light can act as a juncture between space and form." Angela McDonald, senior principal of Horton Lees Brogden (HLB) Lighting Design's San Francisco office, the lighting design firm asked to provide technical expertise for the project concurs, "Maki's office already has a strong opinion about light. There is a high level of integration. Fixtures are not meant as decorative elements or appendages."

One of the greatest challenges for the design team was balancing electric sources to compliment the abundance of natural light throughout the two new buildings, while respecting the architectural aesthetic. The goal was to create luminous spaces, not to see light fixtures. Color temperature played an important role in helping to achieve this, and the overall palette of fixtures, which rely mostly on T5, T5HO, and T8 linear fluorescent lamps with halogen sources for the galleries, maintains a neutral 3,000K. The use of daylighting techniques and skylights is something Maki's office is well versed in, and in the case of the Washington University buildings they took the lead specifying the glass assemblies and level of light transmittance. "Maki is an architect who understands how to light," says Kawasaki. And that makes all the difference in this elegant architectural assembly whose quite touch speaks volumes about its architect and the importance of collaboration. **ELIZABETH DONOFF**

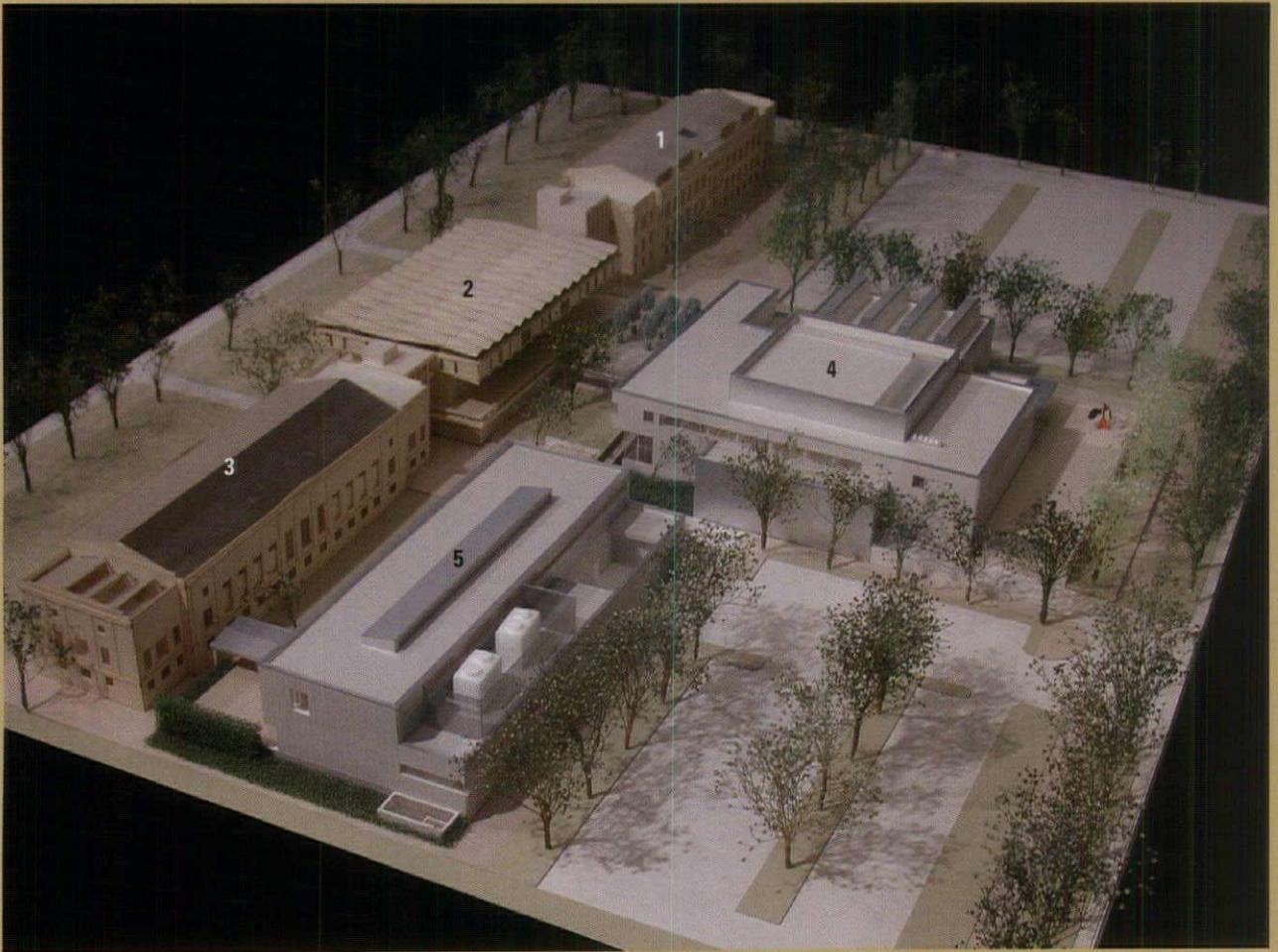


The limestone-clad exterior of the new Mildred Lane Kemper Art Museum (above). The double-height space of the reading area in the Art & Architecture Library is accented with glass pendants, one of the few times lighting plays a decorative role in the new building (below).

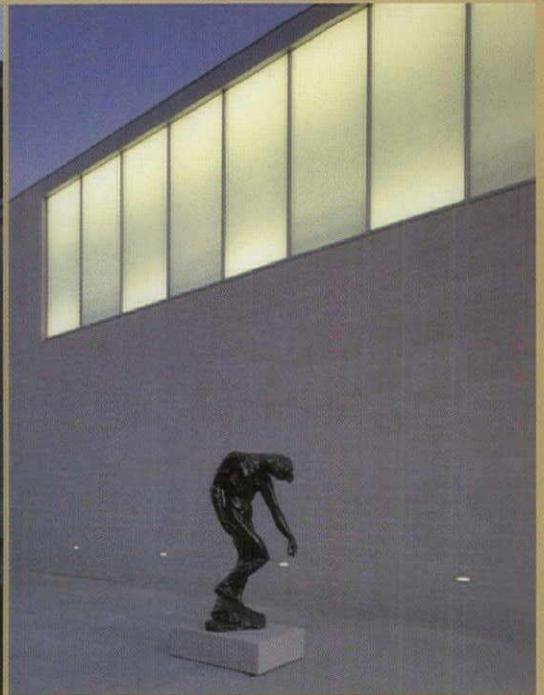


PROJECT: The Sam Fox School of Design & Visual Arts **LOCATION:** Washington University in St. Louis **DESIGN ARCHITECT:** Maki and Associates, Tokyo **ARCHITECT OF RECORD:** Shah Kawasaki Architects, Oakland, California **LIGHTING DESIGNER:** Horton Lees Brogden Lighting Design, San Francisco **MEP ENGINEER:** William Tao & Associates, St. Louis **MANUFACTURERS:** AAL, Bega, Delray, Erco, ETC, Focal Point, Gardco, Hess America, HK Lighting, Hydrel, Lightolier, Lighting Services Inc., Linear Lighting, Litalab, Louis Poulsen, Prudential, and Zumtobe **PHOTOGRAPHERS:** as noted

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An architectural model (above) explains the physical relationship of the existing buildings to the new—Givens Hall (1), Steinberg Hall (2), Bixby Hall (3), Kemper Hall (4), and Walker Hall (5). The signature folded-plate roof of Steinberg Hall (below left), Maki's first commission in 1960, and home to the Art and Architecture Library until the opening of the new facility in Kemper Hall. The limestone-clad art museum provides a neutral background for Auguste Rodin's work "The Shade" which takes center stage in the Florence Steinberg Weil Sculpture Plaza (below right).



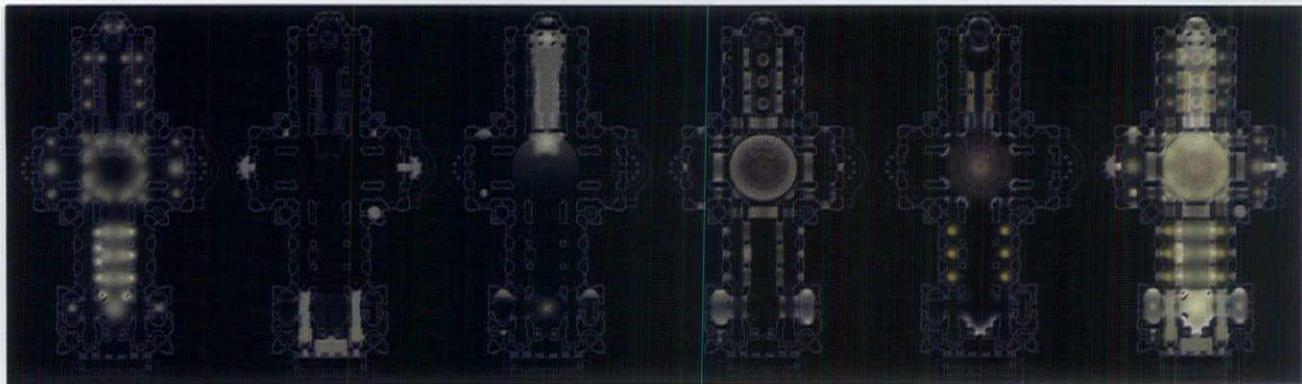
PHOTOS: MAKI & ASSOCIATES (TOP); DAVID KILPER/MUSTI PHOTO SERVICES (BOTTOM LEFT); ROBERT PETTUS (BOTTOM RIGHT)



In Maki's hands, skylights on the Mildred Lane Kemper Art Museum building take on a sculptural form (above). The Reading Room of the Kenneth and Nancy Kranzberg Art & Architecture Library is infused with natural light. Glass pendants provide scale for the double-height space, while recessed ceramic metal halide sources line the perimeter ceiling soffit adjacent to the book stacks (below).



PHOTOS THIS PAGE: STAN STREMBICKI



Divine Light

Taking four years from initial design concept to project completion, the re-lighting scheme of St. Paul's Cathedral (facing page) celebrates Sir Christopher Wren's magnificent architecture through the use of a flexible, layered lighting approach and minimal intervention to the historic building fabric. Speirs and Major Associates divided the lighting scheme into three discrete systems: general, architectural, and theatrical. A series of diagrams (above) describes the hierarchy and individual components of the lighting scheme.

ST. PAUL'S CATHEDRAL SEES ITS FIRST LIGHTING REDESIGN IN THIRTY YEARS, AS NEW TECHNOLOGY CLEANS UP, REPLACES, AND MAKES ROOM FOR TRADITIONAL FORMS.

COMPLETED IN 1708 BY SIR CHRISTOPHER WREN, ONE OF GREAT BRITAIN'S MOST beloved architects, it is hard to imagine that St. Paul's Cathedral would provide the site for one of the most interesting and innovative lighting schemes recently completed in London—a city full of cutting-edge projects by glittering star architects. And yet London-based lighting firm Speirs and Major Associates (SMA) has produced a quietly stunning and high-tech design at St. Paul's as part of a greater restoration begun several years ago in honor of the cathedral's 300th anniversary, which will commence in 2008.

Speirs and Major Associates was approached in 2001 by the St. Paul's Fabric and Works Committee, the group responsible for the upkeep of the cathedral, to produce a lighting scheme as part of an invited competition with several other locally-based firms. "When we were first asked to do the project, we were surprised," says Mark Major, founding partner of SMA. "Most of the other designers had a stronger background in historical and ecclesiastical projects." Major believes that his firm's experience working with big budgets for large public projects was an important factor in earning the client's trust.

Major notes that the firm knew the project would take both extensive care and planning to balance a new lighting system against a sensitive historical context and limited infrastructure. "We explained our process," says Major. "We made it clear that we didn't want to turn the building into a monument." Approaching the lighting with the desire to offer an accurate and appropriate scheme, SMA looked to the cathedral's lighting history for guidance. Illuminated only by candles for its first 130 years, the cathedral saw its first gas system in the 1830s, which was slowly built up over the next seventy years. In 1903, gas was replaced by an electric system that was later updated in 1930 and then overhauled again in 1962.

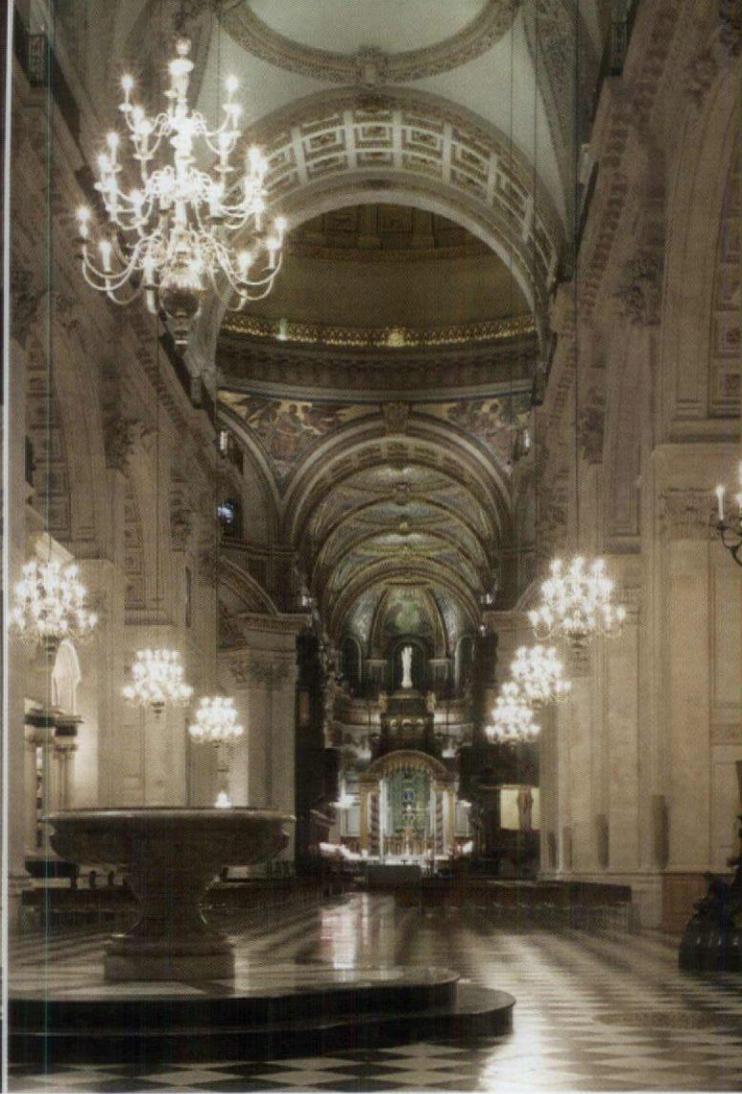
The history of lighting at St. Paul's emphasizes the importance of technological innovation with subsequent designs. "The cathedral has always been at the vanguard of technology," Majors

describes. In the 1960s, the lighting redesign saw an early implementation of a sophisticated central control box to manage the lighting for the entire building from one location. Now, the designers have successfully married a far more advanced systems control mechanism and the latest in low-energy lamps and flexible fixtures with a desire to create a subtle mood that would highlight, rather than overwhelm, Wren's design. SMA also had to consider the day-to-day operations of the cathedral, which, in addition to serving tourists, also requires maintenance and security lighting.

In order to reconcile the needs of the space and client, Speirs and Major began by dividing the lighting into discrete systems: general, architectural, and theatrical. General illumination includes lighting at the entry points, basic liturgical spaces, and throughout the main floor of the cathedral. This lighting system is represented by classical fixtures, which include six pre-existing chandeliers along the nave, twelve new brass chandeliers throughout the cathedral, several gasoliers from 1897, and smaller sources including candelabras and wall sconces. These fixtures are modified by additional concealed sources to give the appearance of a greater luminosity. Above each of the existing chandeliers, for example, hangs a brass-encased fiber-optic sphere housing three spotlights, which emit a low-level warm light that mimics the light typical of a chandelier, but without the glare characteristic of the electric chandeliers installed in the 1960s. Additionally, 100W spotlights hidden in the cathedral's triforium are specifically designed to intersect with existing fixtures to create the impression that the candelabras, chandeliers, and gasoliers alone light the interior.

That the designers were so concerned with verisimilitude speaks to the degree with which this was a project of preserving historical integrity. Ironically, in order to create the "mood" of non-electric lighting, Speirs and Major designed flexible light systems—integrating and coordinating hidden spotlights—that could be easily adjusted with technologically advanced systems





The re-lighting of St. Paul's returns the Cathedral to Wren's original intent—a bright, white-light, Baroque-styled interior. Metal halide, xenon, and tungsten sources subtly illuminate the painting and mosaics on the ceiling of the main dome and several smaller chapels (above left). Brass chandeliers take on a jewel-like quality in the nave (above right). A view to the Quire, High Altar and Baldachino beyond (facing page) show the layered lighting scheme in action.

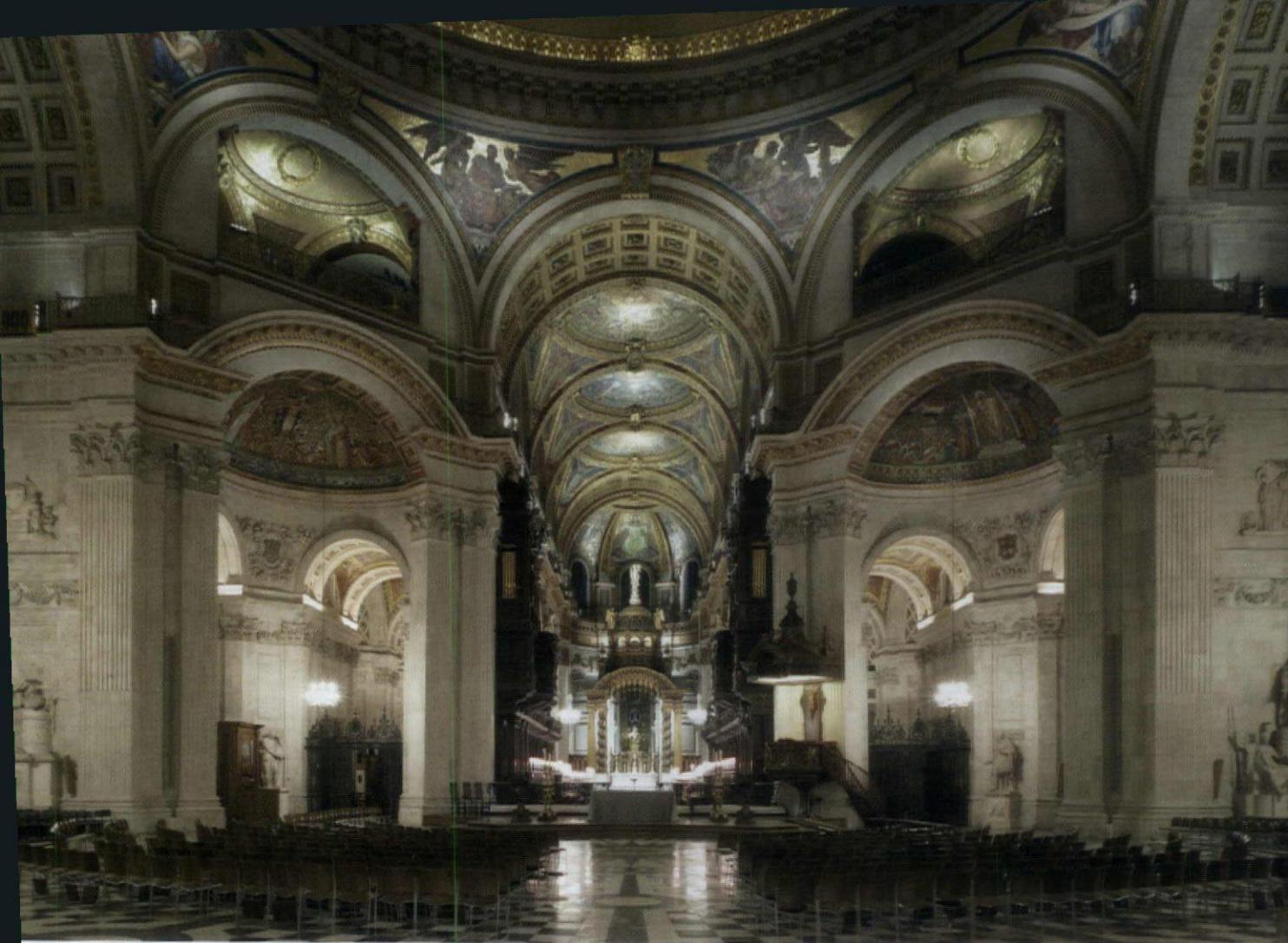
controls. This same flexibility extends to the architectural lighting scheme, in which more lights concealed in the triforium subtly highlight the architectural features of the building. Originally, the designers were planning to use a greater amount of light to brighten the architecture, but changed their minds as they recalled the original low-level lighting conditions of the building. "We started fussier," says Majors, "but soon realized that we had to stay away from making the building look like a wedding cake."

To show some of the paintings and mosaics on the ceiling of the main dome and several smaller chapels, the designers included metal halide, xenon, and tungsten lamps in the same brackets as the hidden lights serving the floor spaces along the Triforium. These additional lamps can be easily dimmed or brightened to direct attention between the various subjects, which include a series of eight ceiling paintings showing the life of Saint Paul that were rarely seen in detail before. These sources vary in tone more than the warm lights that illuminate the ground floor, and tend to have a paler color—with a color temperature of 2800K. For the main dome of the cathedral, the designers updated a cold-cathode system first installed in the 1960s, allowing them to use new equipment in an existing infrastructure.

The same brackets that house the luminaires for the floor and architectural details also contain folding arms that comprise four spotlights each. These lights are for the theatrical system, as St.

Paul's hosts a variety of different performances throughout the year. When needed, the arms fold out to provide extra illumination that can be controlled from the same source as the other lights. Because the designers used a systems-integration approach, an IP-based network of all of the lighting components—including many that can be controlled by radio—centralizes the controls into a computer-based platform, making lighting or dimming specific areas far easier. This allows for more precise control that not only determines the specific character of the space, but also saves a considerable amount of energy, which was important to both the clients and designers.

By choosing to evoke the cathedral's past through lighting design, Speirs and Major Associates chose a difficult path. The lighting had to remain practical in its function while romantic in its quality. Changing the nave back to its pre-electric past with its large gasoliers and chandeliers required redefining the interior space with new, dramatic hanging fixtures and all new light sources. The effect is remarkably successful and subtle. And yet, while the lighting remains secondary (and possibly tertiary) to the architecture and meaning of the building, it does not meekly recede into the background. Traditional forms and tones mask an underlying reliance on cutting-edge technology, seamlessly blending the two together while minimizing waste and maximizing clarity—suitable for its application in one of the best-known cathedrals in England. **JAFFER KOLB**



DETAILS

PROJECT Interior lighting restoration of St. Paul's Cathedral, London

CLIENT Dean and Chapter of St. Paul's Cathedral, London

ARCHITECT Sir Christopher Wren

CONSTRUCTION DATES 1675-1708

SURVEYOR TO THE FABRIC Martin Stancliffe, London

RESTORATION ARCHITECT Purcell Miller Tritton, London

LIGHTING DESIGNER Speirs and Major Associates, London

SYSTEMS INTEGRATION CONSULTANT Light Perceptions, London

TOTAL PROJECT COST £40 million (approximately \$75 million)

LIGHTING COST (including consultation fees, taxes, etc.): £1 million (approximately - \$1.8 million)

PHOTOGRAPHER Tim Soar, London

MANUFACTURERS

Agabekov (Crescent Lighting)

Absolute Action

Bega

Dernier & Hamlyn

Ercò

ETC

Lutron

Meyer (Commercial Lighting)

Mike Stoane Lighting

Oldham Lighting

APPLICATIONS

Cornice uplighting

Nave aisle candelabrum
fiber optics

Public entrance downlights

Chandeliers and candelabrum
(new and refurbished); gasolier
refurbishment; Quire stall
tasklights; geometric
staircase lanterns

Public entrance downlights

Theatrical spotlights throughout

Architectural lighting
control system

Triforium Dome and arch
uplights; entrance apsidal
arch uplights; roof uplights
from Triforium level

Triforium level aisle spotlights
and ambient downlights;

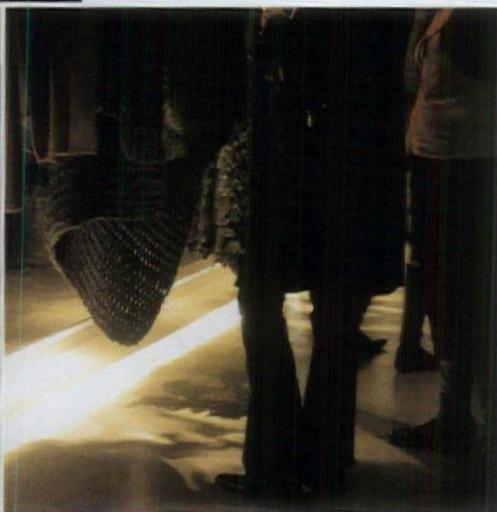
Dome uplights; Chapel and
Baldachino spotlights

Cold-cathode lighting for the
Dome, Baldachino, and Pulpit



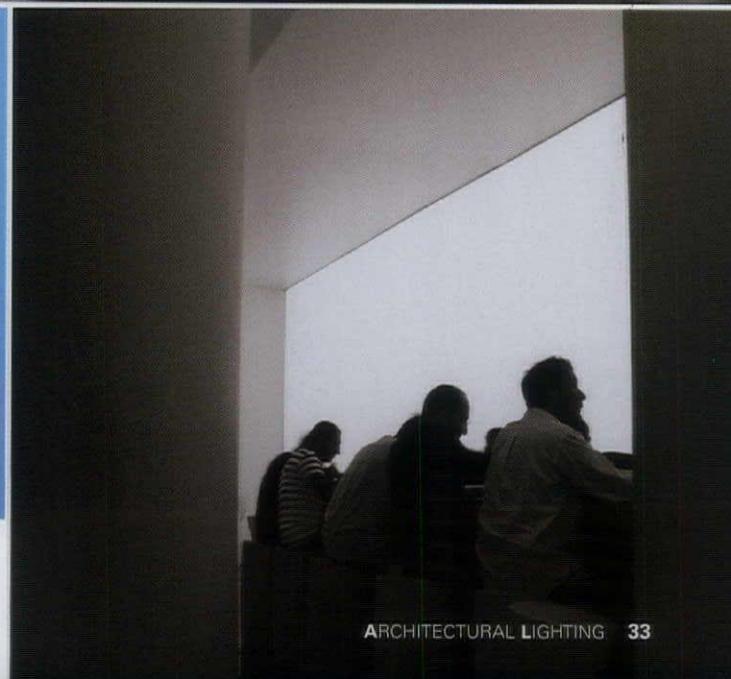
ILLUMINATING CRAFT

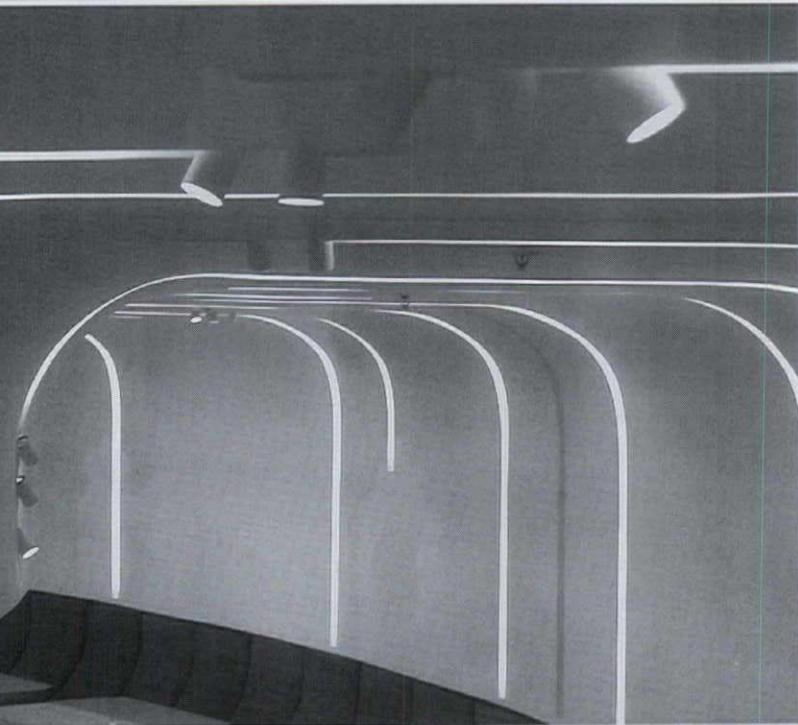
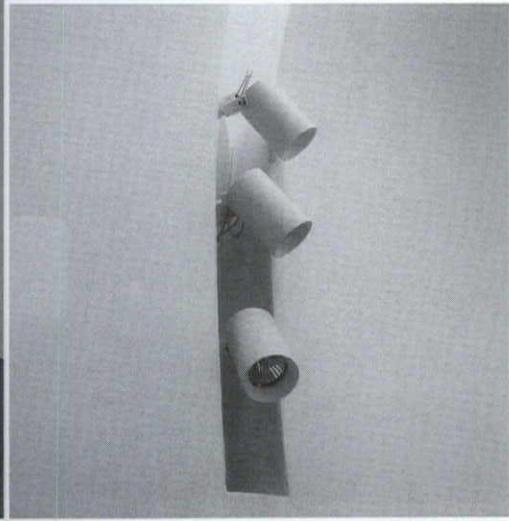
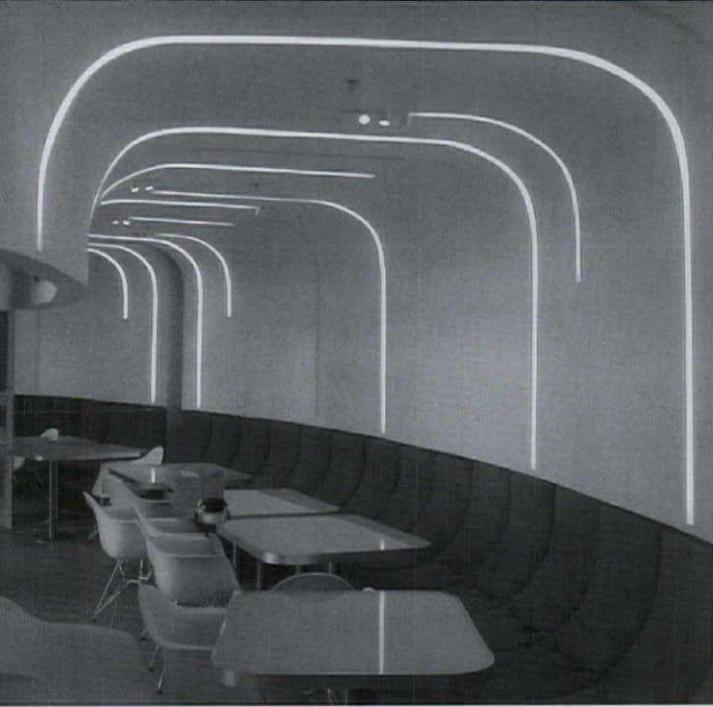
Lebanese designers take an artisan approach to global practice.



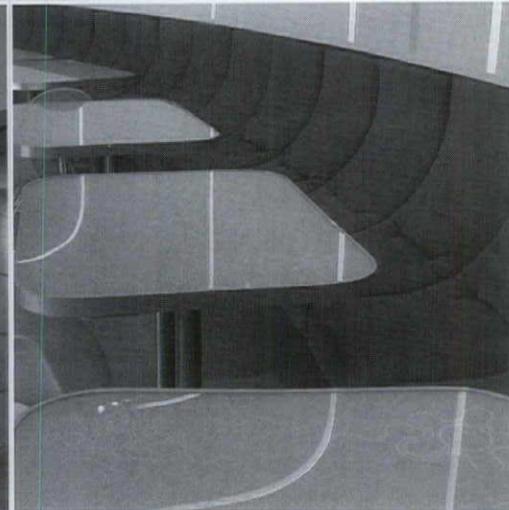
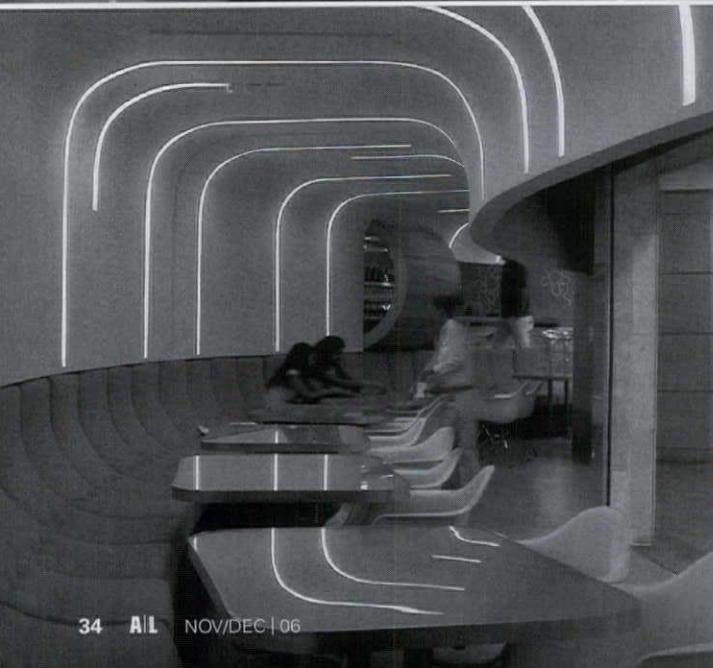


For Beirut clothing boutique milia m (facing page), PSLab combined T5 fluorescent strips and halogen fixtures to reinforce the linearity of the space, as well as accent the textures of the merchandise. The absence of natural light at VTR (this page), a basement-level post-production facility also in Beirut, required an innovative solution. A translucent scrim wall illuminated by color-changing LED projectors changes hues according to the hour, to simulate light's transformation throughout the day.





Hand-bent cold-cathode tubes wrap the all-white Waterlemon restaurant (top left, middle, bottom left, and below) in syncopated illuminated stripes, while directional halogen accent lights extend from slots (above) to highlight the tables.



THIS PAST JULY, DIMITRI SADDI, CREATIVE DIRECTOR OF LIGHTING DESIGN FIRM Projects and Supplies (PSLab), extolled the virtues of living and working in Beirut. ("Drawing Light," *Architecture*, August 2006, page 48.) "There is really a great energy here," he says, citing the cultural diversity and cosmopolitan vibe. "We bring that to our work through the hunger to succeed and to go more international." That was two days before the city, which had endured civil war for years and was finally ready to reclaim its mantle as 'Paris of the Middle East,' was targeted in air strikes, a result of the complex reality that is the politics and everyday life of the region.

PSLab, whose office and workshops are located at Beirut's port area, evacuated to the mountains, but even under dire circumstances, they continued to maintain a tenacious, if decentralized practice until their safe return to company headquarters. "We were not really affected in terms of physical damage. The ports were hardly hit. It was more psychological—a month of hell, but then things got much better," Saddi explains. Since much of the bombing was concentrated to the south, the firm's built projects in Beirut weathered the conflict with little damage.

The 40-person firm, made up of engineers, craftsmen, architects, and designers, is divided into three departments: Works.PSLab, which focuses on research and collaboration; Offworks.PSLab, which addresses technical requirements; and Products.PSLab, which shepherds designs through production. With all aspects of the lighting design process—from concept to manufacture—concentrated in one place, the firm can craft a project from start to finish. "We are an artisan shop," says Saddi. "This gives us the ability to work with light—to make it with our hands."

This process is illustrated in PSLab's design for Waterlemon, a Beirut restaurant designed in collaboration with Lebanese architect George Chidiac. "Every project has its own parameters; it is about working within the architecture," Saddi notes. "It is the space that dictates how it is going to end up." The firm's concept for this project had to be inventive due to site constraints—a narrow, curving space located inside a shopping mall with no natural illumination. Saddi and his team hand-bent linear half-inch-diameter cold-cathode tubes to match the ceiling's curvature. The 2800K tri-phosphor tubes fit into 1 3/4-inch-wide and 3-inch-deep slits, wrapping the all-white space in staccato stripes, while their dimmable ballasts are concealed under banquet seating lining the walls. White directional projector fixtures outfitted with MR11 halogen lamps extend from the slits on 12V tracks, the fixture heads turned to accent the tables.

The lighting scheme grew out of PSLab's working method—designers willing to sketch and tinker with every detail. "We had done a prior art installation with cold-cathode tubes," explains Saddi. "When we designed Waterlemon, we were in the middle of using these lamps and experimenting with them. Things happen because you are working with a type of material—you push it more."

This same attitude drove the firm's concept of milia m, a clothing boutique in a bohemian area of Beirut. Working with Lebanese architect Raed Abillama, the lighting designers needed to negotiate a narrow space enclosed by three glass façades, while accenting the texture and style of the merchandise. To accomplish this, PSLab combined two types of lighting—T5 fluorescent strips and halogen projector "tentacles" equipped with small and larger-sized spotlights. The fixtures create patterns of light varying in intensity to complement the fashions.

In order to draw attention away from the broad expanse of

glass and onto the shirts and dresses hanging in the window, the designers recessed dimmable fluorescent fixtures in the floor to wash the fabrics with an ambient uplight. In addition, T5 lamps are integrated into a custom steel armature designed and manufactured by the architect, which doubles as a curtain track.

PSLab's sensitivity to the nuances and materiality of light is best expressed with its design for VTR, a post-production facility located in the basement of a Beirut office building. The designers teamed with Lebanese architect Assouman Tourbah to transform the facility into a luminous space. To simulate natural light in the lobby and staff lounge, PSLab installed a translucent scrim wall. The scrim's glowing effect is achieved with a series of color-changing LED projectors programmed to cycle and change hues according to the hour. "The light is dynamic. It changes tonally with the day's rhythm," says Saddi. "In the morning it is really aggressive; it wakes you up. But these guys work really late. They sit at monitors all day, so at night it dims, and they can chill out in the lounge." In the corridor, offices, and studios, color temperature becomes a design feature: 3000K cold-cathode and 4000K tri-phosphor tubes are set on dimmers and combined with halogen accent lights.

While all three projects are located in Beirut, Saddi sees PSLab's practice continuing to grow globally. With many projects in Lebanon on hold due to investors' fear of political instability and unrest, the challenge for the firm will be to stay true to its hands-on approach as it expands its reach. **MIMI ZEIGER**

*Brooklyn-based Mimi Zeiger is former Senior Editor of Architecture magazine. An accomplished freelance writer, her work is published widely and she is author of the book, *New Museums: Contemporary Museum Architecture Around the World*.*

 more information at ARCHLIGHTING.COM

DETAILS

LIGHTING DESIGNER PSLab, Beirut

PHOTOGRAPHERS Sana Asseh and Tamara Haddad, Beirut

PROJECT Waterlemon, Beirut

ARCHITECT George Chidiac, Beirut

PROJECT SIZE 1,076 square feet

LIGHTING COSTS \$15,000

PROJECT VTR Post-Production Facility, Beirut

ARCHITECT Assouman Tourbah, Beirut

PROJECT SIZE 11,513 square feet

LIGHTING COSTS \$150,000

PROJECT milia m, Beirut

ARCHITECT Raed Abillama, Beirut

PROJECT SIZE 883 square feet

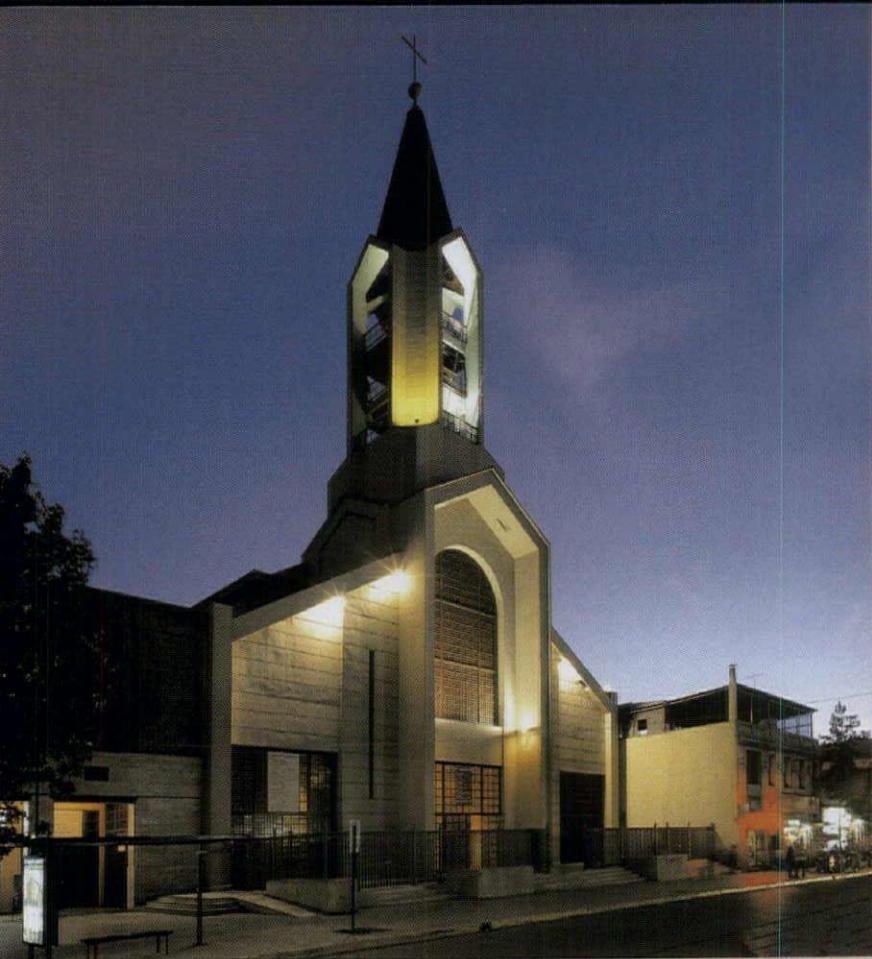
LIGHTING COSTS \$12,000

MANUFACTURER

Products.PSLAB

APPLICATION

Custom-designed fixtures for all the above-mentioned projects



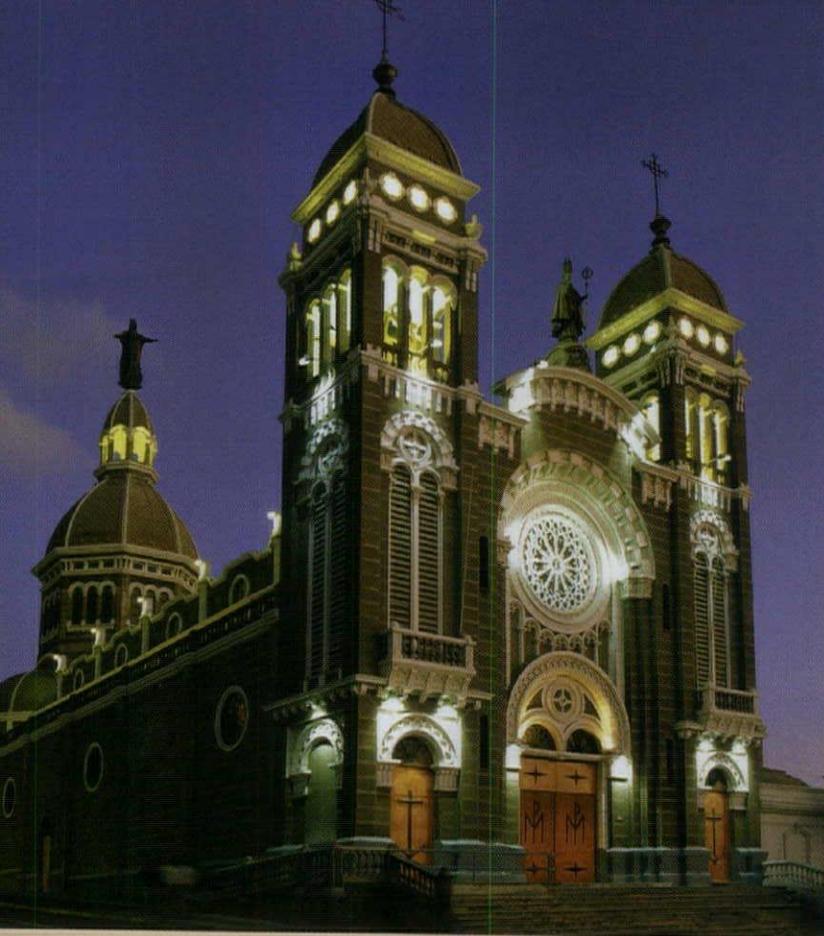
Lighting Brings New Life to Chilean Churches

A LIGHTING PROGRAM REVITALIZES LOCAL COMMUNITIES THROUGHOUT CHILE.

MULTINATIONAL POWER UTILITIES TYPICALLY ARE NOT KNOWN FOR SUSTAINED investment in the revitalization of underprivileged communities. Enersis, the leading power utility for much of South America, however, is doing exactly that, with a massive illumination program called "Lighting Churches South of the World." Established in 2000 with the help of Fundación ENDESA, Enersis's Spanish parent company, and an allotted budget of roughly \$1.5 million, "Lighting Churches South of the World" has sought to bring new life to the people of Chile by lighting the heart of their communities—the church. To date, Enersis has funded the illumination of over 30 churches in Chile, covering all expenses related to design and installation of the lighting systems, including electrical upgrades. While Enersis's initial five-year agreement with Catholic Episcopal Conference, the governing body that regulates and maintains all aspects of the Catholic Church in Chile, will expire in December 2006, plans are in place to sign another five-year agreement.

Equally impressive as Enersis's financial support is the energy and talent invested in this project by architect and lighting designer Oriana Ponzini, and her five-person Santiago-based firm Iluminación Acústica. As the sole lighting designer for the Chilean program, Ponzini has been personally involved with every project, evaluating the unique conditions of each site and working in close partnership with church and local officials. For Ponzini, the design process begins with the community. No doubt because of her approach, the lighting installations have been extraordinarily successful, reintroducing these ecclesiastical buildings back into the local landscape, while creating a nighttime presence, illuminating long-lost architectural details and art work, and unifying and reinvigorating local communities.

Located in the small town of Castro, in the Chiloé Archipelago in the southern portion of Chile, Iglesia Castro is a good example of the program's success. Designated in 2000 as a World Heritage Site by UNESCO, the church, built in 1875, is



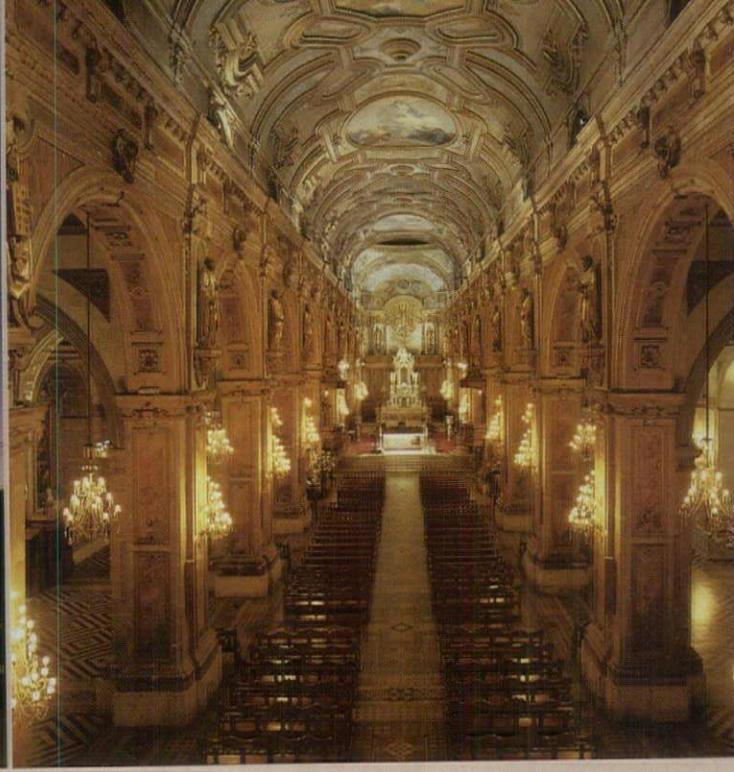
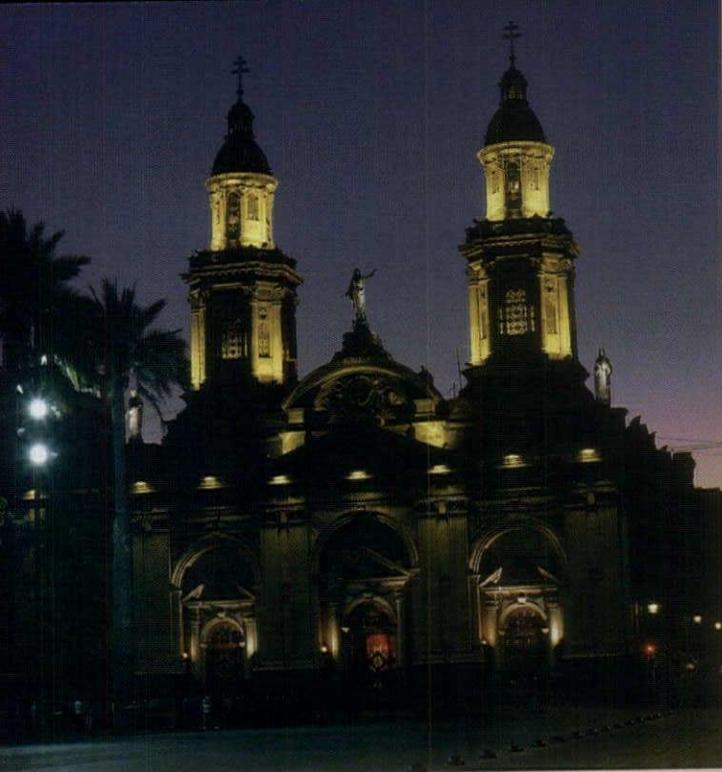
To date, over 30 churches throughout Chile have been illuminated through a program entitled, "Lighting Churches South of the World." Primary funding comes from Enersis, the leading power utility for much of South America. The lighting scheme for each church varies based on local need. The exterior and interior of Cathedral San Bernardo (above left) was one of several projects completed in 2001. The illumination of the Cathedral of Antofagasta (above right) was completed in 2003.

Castro's oldest and represents a fusion of indigenous and European architecture and culture. Accordingly, it was essential that the lighting program respect the unique character of the church. The façade of Iglesia Castro is clad with engraved tin panels, which originally served as ballasts in ships traveling to Chile from Spain in the late nineteenth century and left in Chile's coastal communities when the ships returned. To maintain the daytime brilliance of these painted tin panels, Ponzini used high-pressure sodium lamps for the yellow and metal halide for the violet, along with wallwashers to enhance their decorative engraving.

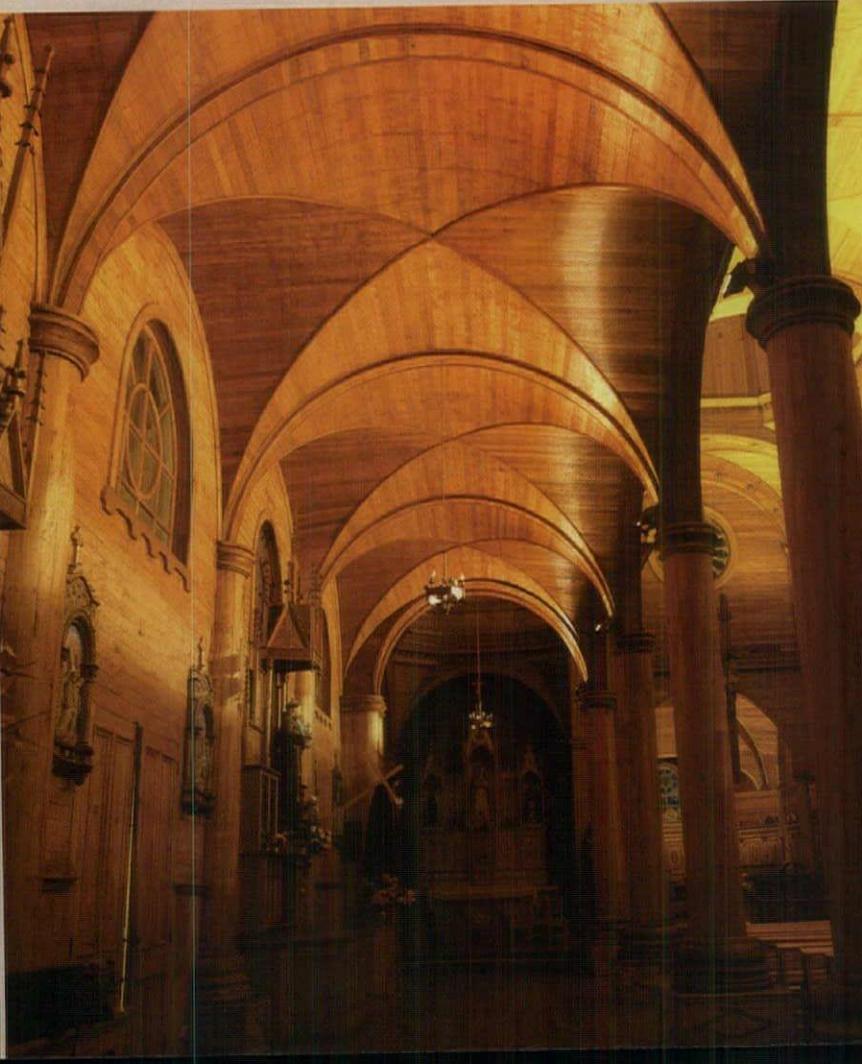
The church interior is constructed almost entirely of local woods. To accentuate the materials and construction method, Ponzini used indirect sources wherever possible and color temperature to delineate the different spaces and moods within the church. In the main hall Ponzini animated the white wood of the vaulted ceilings using indirect reflectors with 150W 3000K metal halide lamps, while in the main nave, the warmth and rhythm of the rosy wood arches is emphasized with recessed 70W high-pressure sodium reflectors tucked into the cornice. In the side aisles, column capitals disguise asymmetric indirect reflectors with 150W 3000K metal halide lamps, outfitted with orange film to similarly soften and warm the light. Finally, focusing attention on the altar, Ponzini used four 150W 3000K metal halide directional spot reflectors to brilliantly light the clerestory and add accent light on the altar and cross. As Ponzini describes, "I tried to put value into architecture by enhancing the architecture itself." The final result is a space suffused with glowing light that complements the extraordinary woodwork and welcomes

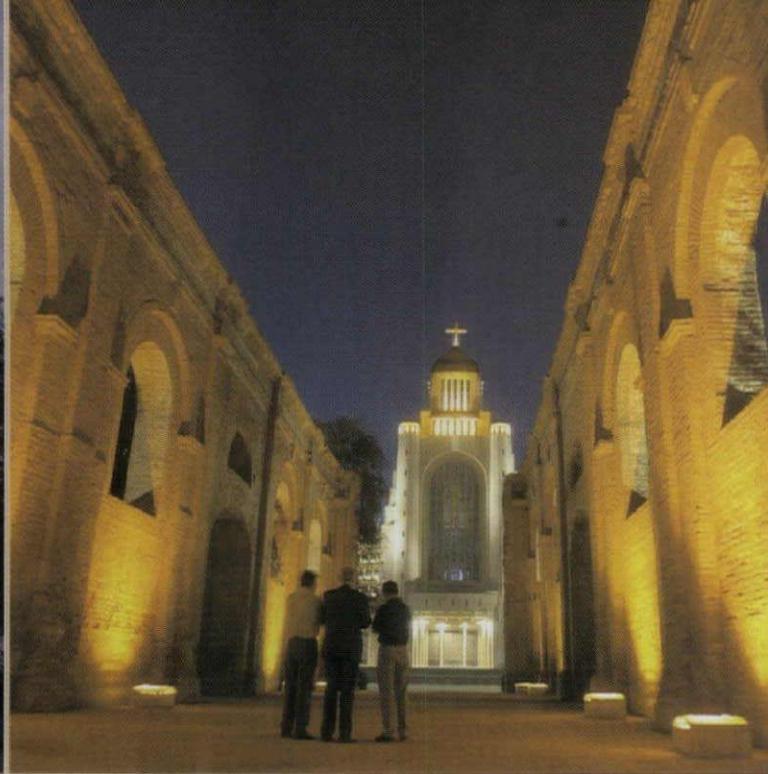
worshippers and visitors alike. Ponzini's lighting solution for Iglesia Castro provides the community with a place to meet at night and to gather for special events, important in this region of Chile where the year-round wet climate makes the church often the only large meeting space. Additionally, once the lighting was installed, the community's newfound pride in their church inspired them to improve the surrounding square, adding benches and landscaping. Now used for concerts, graduations, and other celebrations, Iglesia Castro serves as a literal and symbolic beacon for the community.

Another crucial aspect of this program is the use and promotion of energy-efficient products and practices. Ponzini says her primary objective is "to improve lighting quality, and that means to be energy efficient as well." For many of the projects, lighting control systems or multiple electrical circuits are installed to regulate energy expenditures. Lamp choice is critical as well. Ponzini primarily uses fluorescent, metal halide, or high-pressure sodium lamps, only specifying incandescent sources when necessary. While the lighting installation cost for each church is covered by Enersis, the day-to-day running of the lighting system is paid by the local community, making it essential to eliminate unmanageable maintenance expenses. In cases where a community is financially challenged, Ponzini and her team look for alternative energy solutions. For example, in Parinacota, located in the Andes, there was no money to light the small village's seventeenth-century church on a regular basis, so photovoltaic panels were installed to harness solar energy. These panels guarantee that the church will be illumi-

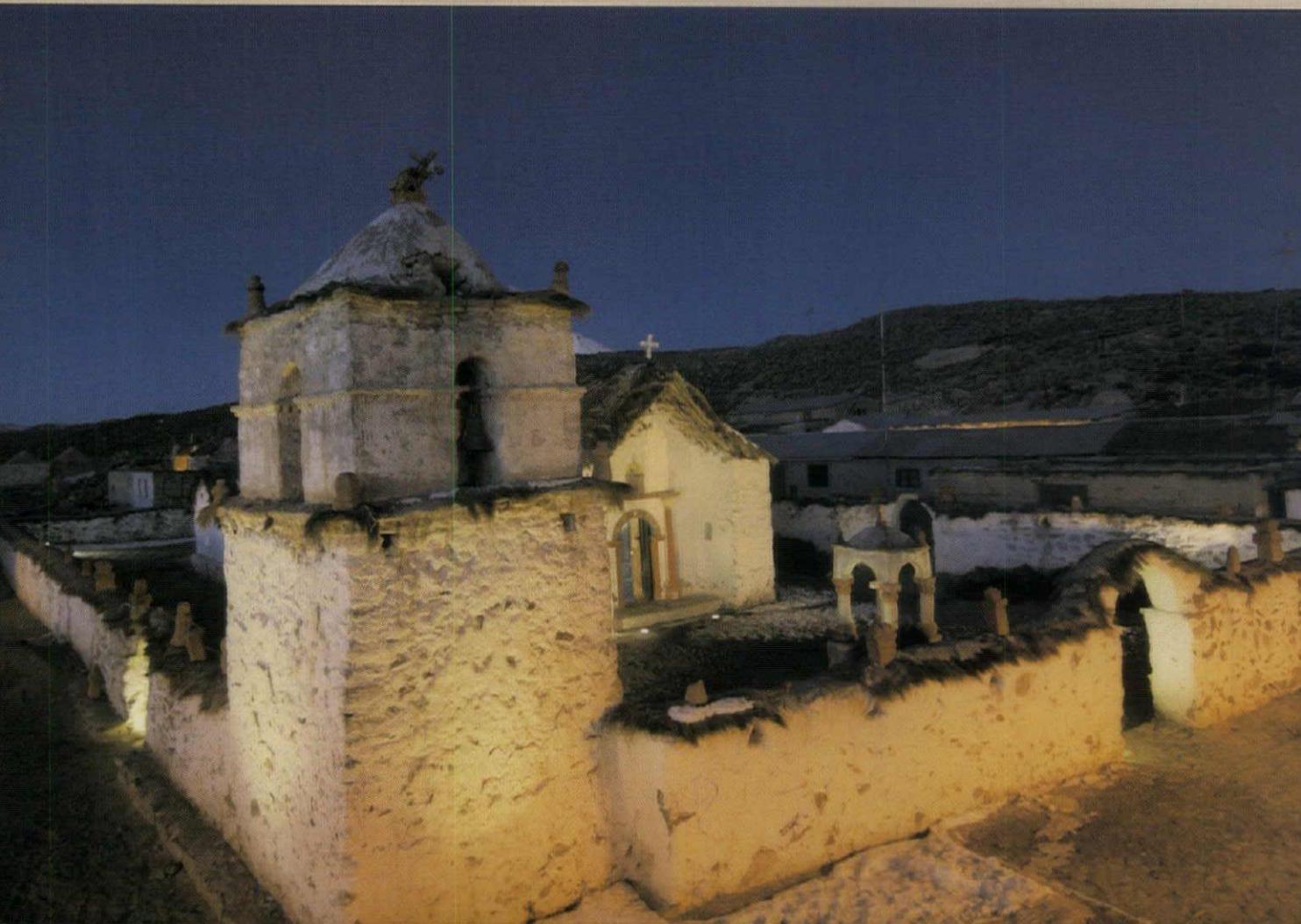


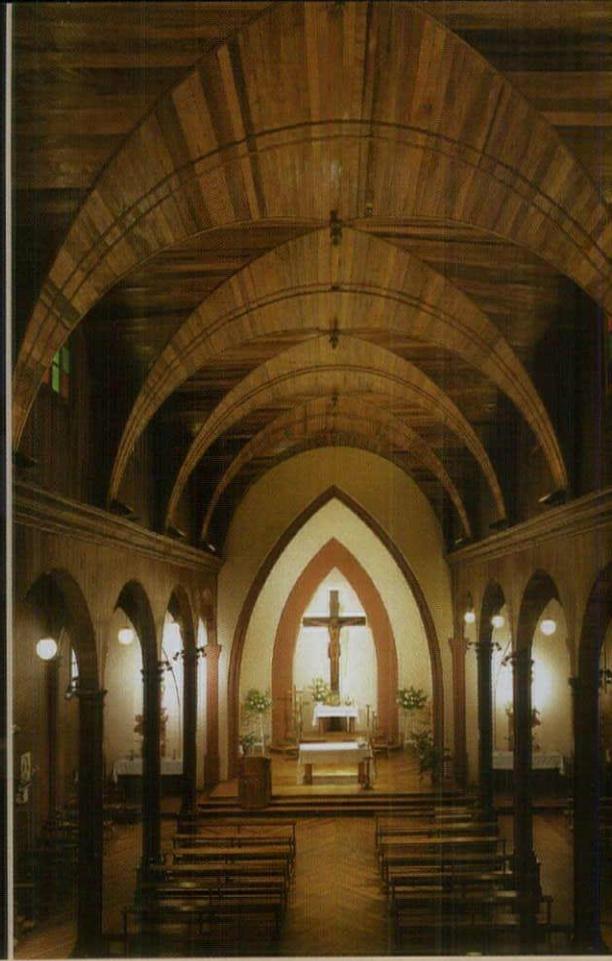
Formerly obscured in darkness, the Cathedral of Santiago (above) received a control system to reduce energy costs. Cool and warm color temperatures were combined to create contrast in the main nave. Iglesia Castro (below), built in 1875, represents a fusion of indigenous and European architectural styles. Inside, to accentuate the materials and construction method, indirect sources were used wherever possible, and color temperature was employed to delineate different spaces.





For the Maipú Temple (above), an enormous structure surrounded by the ruins of an earlier church and a large esplanade, the absence of nighttime illumination forced the city to close the area at sunset due to safety concerns. The new lighting scheme creates drama after dark with a golden crown for the temple, and contrasting light on the interior and exterior of the ruins. An alternative energy solution was found for the Iglesia de Parinacota (below). Photovoltaic panels were installed to harness solar energy, which guarantee that the church will be illuminated by electric light at least 3 hours per day.





Churches throughout Chile vary in material and architectural style. The lighting schemes have been extraordinarily successful, reintroducing these important community buildings back into the local landscape, while creating a nighttime presence and focal point. Iglesia de la Union (above left) was one of several projects completed in 2001, and the Catedral de Arica (above right) was completed in 2003.

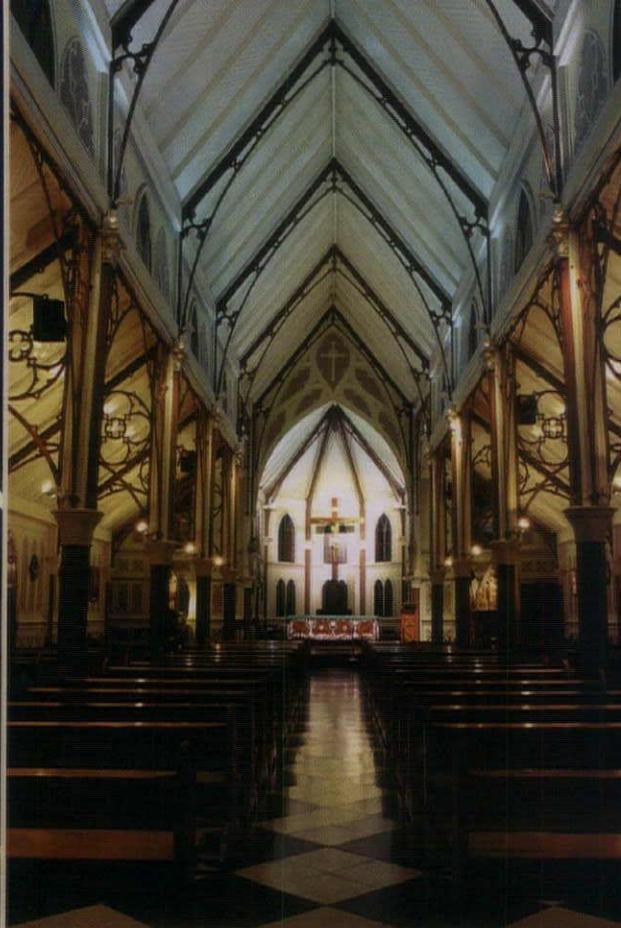
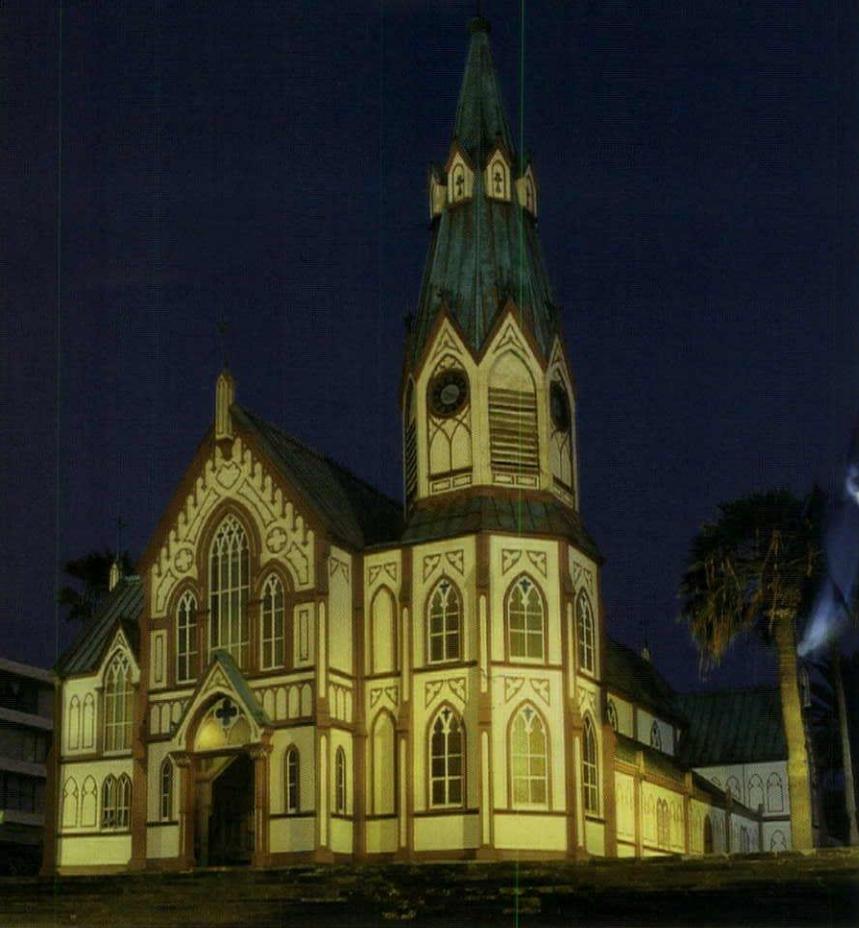
nated with electric light at least three hours a day.

Even in the nation's most prestigious churches, energy efficiency is prioritized, as witnessed in the renovation of the lighting for the Santiago Cathedral. When Ponzini first visited the cathedral it was obscured in darkness, with no lighting in the side naves and only 1500W halogen reflectors over the altar. As a cost-saving measure, the cathedral's antique chandeliers and sconces had not been lit for decades. To bring these historic fixtures back to life, a control system was put in place to dim the lighting to ten percent of the full wattage, thereby reducing total energy costs. In the main nave, Ponzini contrasted cool against warm, washing the cove ceiling with 150W 3000K metal halide reflectors while the dimmed light from the decorative fixtures warms the body of the nave. The silver-engraved altar serves as a focus for entering visitors, with 150W 3000K metal halide reflectors, flooding the area with crisp light. For the side naves, Ponzini designed a discrete metal box to mount at the base of the ceiling arches and to fit a 36W 3000K, compact fluorescent lamp. Using the most efficient light sources and installations possible, Ponzini restored this ecclesiastical jewel to its original magnificence, allowing the people of Santiago to rediscover their cathedral.

One of the most remarkable transformations achieved through Enersis's program is that of the Maipú Temple on the western edge of Santiago. This enormous structure, surrounded by the ruins of an earlier church and a large esplanade, served as a landmark during the day but vanished at night. The absence of nighttime illumination forced the city to close the entire area at sunset because of safety concerns. Consequently, the goal for

Maipú was to not simply create an illumination program for the temple, but also to address security issues through the lighting of the esplanade.

Beginning with the tower, Ponzini used different types of light to articulate the expressive massing of the façade. A golden crown for the temple was created with 250W high-pressure sodium narrow-beam reflectors placed at the base of the upper columns. Ponzini visually supports this crown by illuminating the façade with ten 150W spot reflectors set in 60-foot-high posts located near the end of the colonnade. Adding drama to the approach of Maipú at night, contrasting light is used for the interior and exterior of the ruins. Recessed reflectors with 150W high-pressure sodium lamps bathe the interior walls with a soft glowing light, while 150W 4300K metal halide lamps confine the warmth and bring the texture of the ruins into sharp detail. The lighting of the ruins, juxtaposed with that of the temple, gives a tangible sense of the rich history of the site. With its new lighting program, the entire area of Maipú's esplanade has been returned to the public. Local clubs and civic and community groups now use this area as a space for gathering and celebrating. This is perhaps the ultimate goal of Enersis's program. As Ponzini says, "We give value to the community by giving value to the community center—the church." From bringing light for the first time to the church of Parinacota's underprivileged community to introducing a vibrant cultural life to the previously darkened and locked esplanade of Maipú, Enersis's "Lighting Churches South of the World" has made a remarkable contribution to the country and people of Chile. **MARGARET MAILE PETTY**



DETAILS

PROJECT "Lighting Churches South of the World," Chile

CLIENT Enersis, Santiago

LIGHTING DESIGNER Iluminación Acustica, Santiago

PHOTOGRAPHER Carlos Quiroga, Santiago

 more information at ARCHLIGHTING.COM

IGLESIA DE PARINACOTA, ANDES

ORIGINAL CONSTRUCTION DATE Late 1600s

PROJECT SIZE 16,146 square feet (approximately)

PROJECT/LIGHTING COST \$30 (including solar panels)

MANUFACTURERS

Hydrel
Reggiani
Troll

APPLICATIONS

Exterior luminaires
Exterior luminaires
Interior luminaires

TEMPLE VOTIVO DE MAIPÚ, SANTIAGO

ORIGINAL ARCHITECT Juan Martínez

ORIGINAL CONSTRUCTION DATE 1942

PROJECT SIZE 345 square feet - esplanade; 240 feet - tower height (approximately)

PROJECT/LIGHTING COST \$42

MANUFACTURER

Fael Luce

APPLICATION

Exterior luminaires

CATEDRAL DE SANTIAGO, SANTIAGO

ORIGINAL ARCHITECTS Matías Vazques de Acuña; Joaquín Toesca

ORIGINAL CONSTRUCTION DATES 1746 and 1830

PROJECT SIZE 33,992 square feet (approximately)

PROJECT/LIGHTING COST US \$82

MANUFACTURERS

Lutron
Reggiani
Troll

APPLICATIONS

Lighting controls
Interior luminaires
Interior luminaires

IGLESIA DE CASTRO, CHILOÉ ARCHIPELAGO

ORIGINAL ARCHITECT Eduardo Provasoli

ORIGINAL CONSTRUCTION DATE 1906

PROJECT SIZE 13,046 square feet (approximately)

PROJECT/LIGHTING COSTS \$87

MANUFACTURERS

Disano
Grenlee
Gewiss
Troll

APPLICATIONS

Exterior luminaires
Exterior luminaires
Exterior luminaires
Interior luminaires

BORN OUT OF A DESIRE TO CREATE A CULTURE AND COMMUNITY of design in Chile, Krä is a company co-founded by Pedro Comparini and Cristian Sanhueza, along with a group of friends who wanted to create something that was rooted in Chilean traditions, but was also new. "Design doesn't really exist in Chile," says Comparini. "We are working in a different concept and to bring people together."

Krä finds its inspiration from the Selkman, a native tribe of the Patagonia region, who would build large bonfires to keep warm in the harsh climate. Body painting was an important part of the Selkman's expression, and they would cover themselves in basic geometric patterns using only mud, ash, and other natural materials with the colors of black, white, and red. Light also played an important role in the tribe's culture. Their two main Gods were the sun and the moon. In 1520, Spanish explorer Ferdinand Magellan arrived in the region. His crew wit-

From the Flames

An indigenous people inspire the creation of contemporary light sculptures.

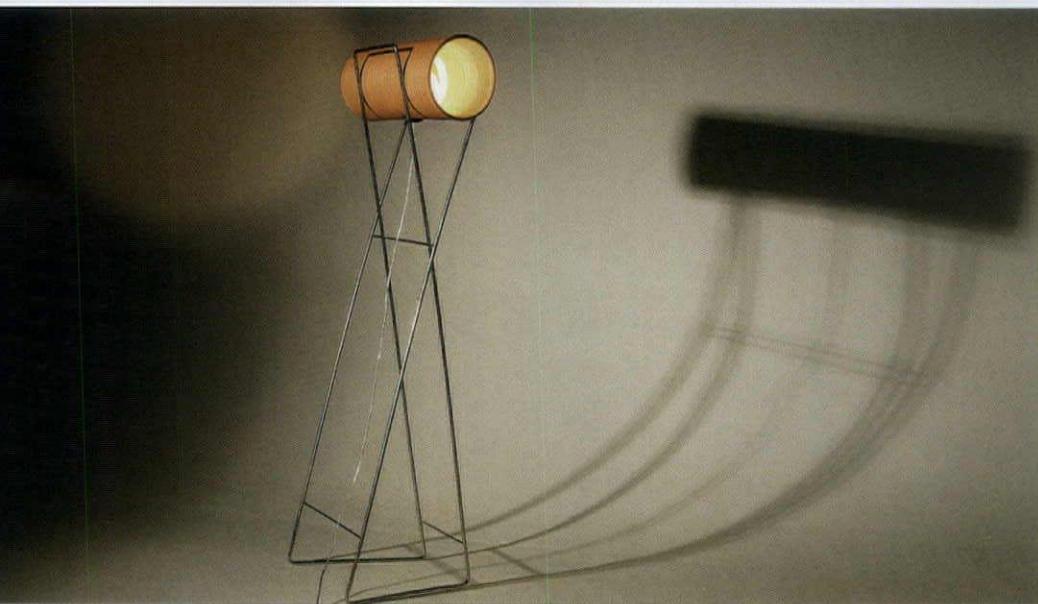


nessed the Selkman's bonfires on shore and named the area Tierra del Fuego, or Land of Fire. By the beginning of the twentieth century, most of the aboriginal population had perished due to disease brought by European settlers.

Conceived as light sculptures or "light containers," rather than a light fixture, Krä's vessels draw on the Selkman traditions and their material palette of mud and earth. As Comparini and Sanhueza explain, "Our work is inspired by our country's aborigines, their nature and materials, and by means of pure and sustainable processes that respect nature and the environment." Working with a small group of craftspeople, each vessel is modeled, glazed, and fired by hand, the result being that no two pieces are ever identical. Each light vessel has a distinctive shape that works with both the positive and negative output of a light source. The vessels are outfitted with warm ambient sources, which are in keeping with the glow of a candle or firelight, once again paying homage to the source of their inspiration—the Selkman bonfires. The first series of light sculptures is comprised of three "containers." Samanta, a sheet of clay with a single ripple, casts a flat pattern of light; Roxxane, a cylindrical tube, provides a spotlight effect; and Alvar, a kidney-bean-like shape, creates an amorphous wash of light. The stands and bases are formed from stainless steel, used for its contrasting effect against the clay. The texture of the clay also adds another dimension to light's interface with the vessel.

Krä is well on its way to establishing itself internationally with exhibits at several design shows including the Milan Furniture Fair this past April. By drawing from its Chilean heritage, the company has created a contemporary art form while respecting tradition. **ELIZABETH DONOFF**

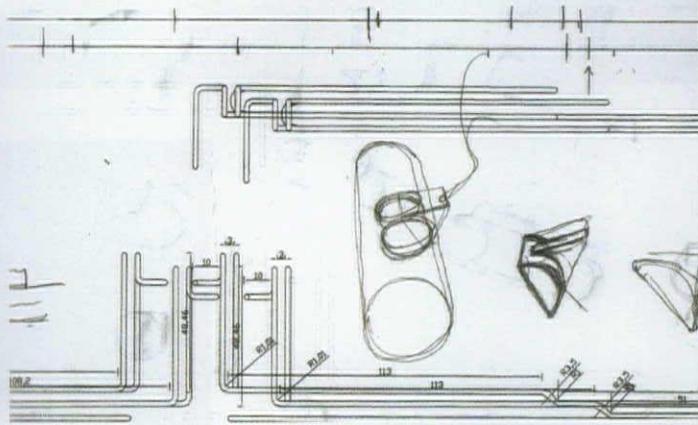
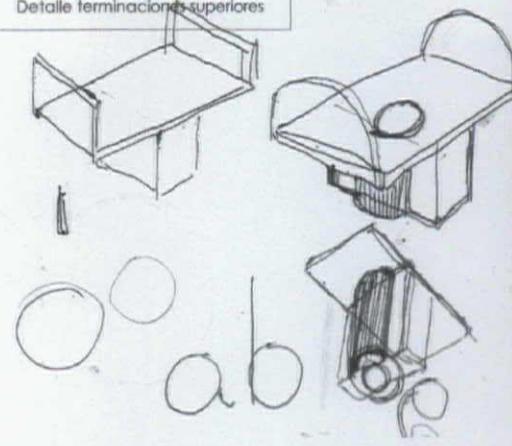
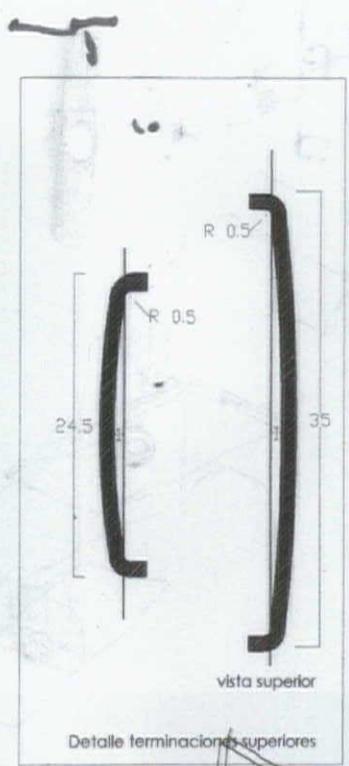
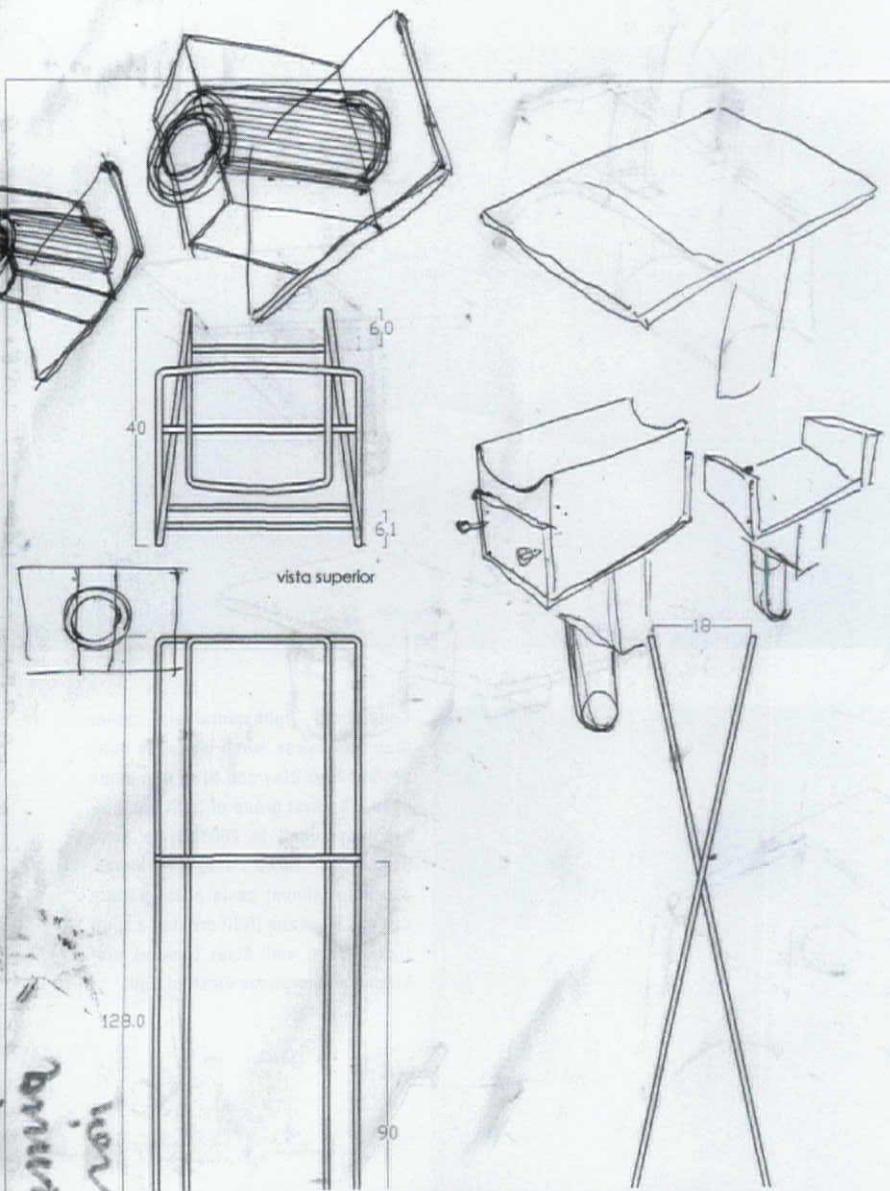
Krä's work is inspired by the Selkman (above), an indigenous tribe of Chile, and their use of native materials, fire, and the custom of body painting.



Considered "light containers" rather than luminaires, each vessel is hand crafted from clay and fired in a stone oven. The first group of light containers (developed in 2005-06) is comprised of three unique shapes. Samanta (above) casts a flat pattern of light; Roxxane (left) creates a spotlight effect; and Alvar (below) provides an amorphous wash of light.



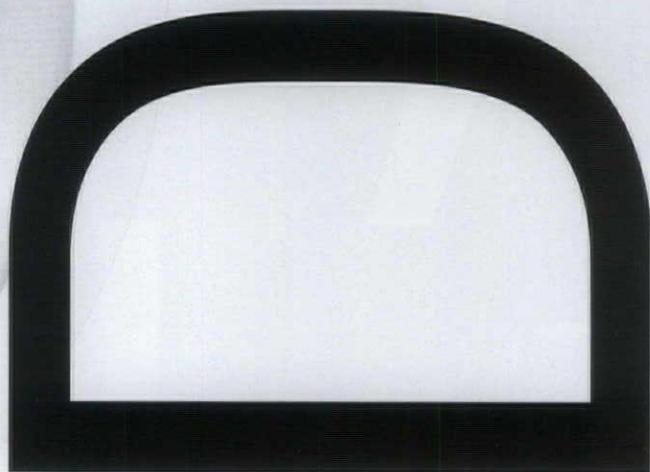
0866 Jom



From design concept to final piece, the development of each "light container" takes two years. Sketches illustrate the integration of design elements, such as the lamp source and metal stand (top and above right). Each piece is hand crafted (above). The result is that no two pieces in the series are ever 100 percent identical.

DETAILS

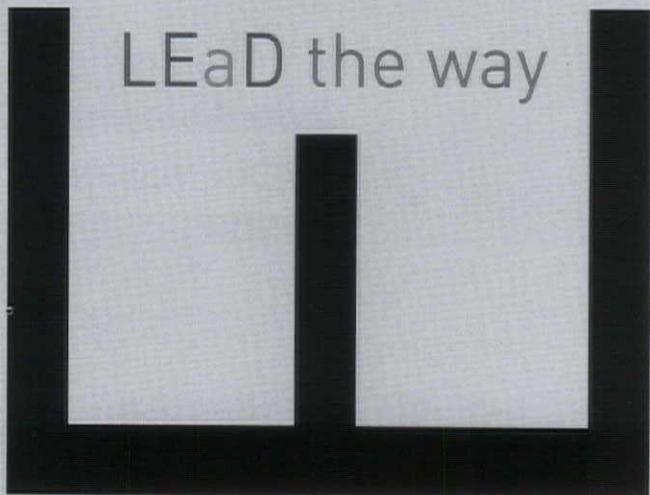
PROJECT Custom-designed light sculptures
COMPANY Krä, Santiago
IMAGES Courtesy of Krä
MATERIALS Clay and stainless steel



 prescolite
 ABOVE & BEYOND



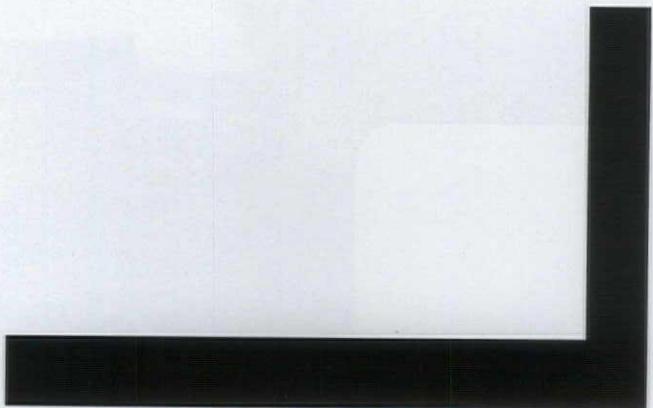
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LOUIS VUITTON STORE LIGHTING CONCEPT, WORLDWIDE

CHALLENGE Retail projects demand a lot of their lighting schemes. No matter the size or cost of an item, the goal remains the same: highlight an object so that the customer will want to purchase it. To date, standard practice has lead clients and designers to believe that fulfilling retail programmatic requirements and cost-effective, energy-efficient designs are mutually exclusive. But as a new lighting approach, developed by Rogier van der Heide and his team at Arup Lighting proves, quality and efficient retail lighting is not an oxymoron.

ARCHITECTURAL AND LIGHTING SOLUTION Van der Heide was first introduced to Louis Vuitton (LV) while working in Seoul, South Korea on Galleria West ("All Dressed Up," *Architectural Lighting*, Jan/Feb 2005, p.19), a high-end shopping mall whose signature feature is a programmable façade of laminated glass discs. The timing was right; it resulted in van der Heide's design for LV's Galleria corner, storefront location and more long-term collaboration with the company, who was looking to reduce the cost of its interior fit-outs by 30 percent.

Van der Heide's new lighting solution uses an architectural ceiling slot as its primary feature. This concealed, track-based system focuses shoppers' attention on the products, not a brightly lit ceiling. It also enables other firms working on Louis Vuitton stores worldwide to follow a systematized design approach. To facilitate layouts, Arup created a user manual which outlines 15 key interior elements (such as shelving and store window displays), and diagrammatically explains what kind of lights are needed and how

to locate them.

Although the luminaires are a custom-designed collaboration between Arup and Louis Vuitton, because they are concealed, the design is straightforward—a bare reflector with a lamp house, and a ballast. And because the lighting scheme has to work around the world, from North America to Europe to Asia, several manufacturers are involved, each supplying their own geographic region. This ensures fixtures will always be in stock and comply with local codes.

Much of the lighting scheme's success goes well beyond the visible aspects of the stores and the lighting quality. For example, by switching to low-wattage (25 and 30) metal halide lamps rather than tungsten, only one round of re-lamping is required during a store's 5-year-average life cycle, in turn reducing maintenance costs by more than 80 percent. Multiply that by 300-plus stores in 44 countries worldwide, and the result is an annual cost savings of millions of dollars. The reduction in lamp heat emissions is also a significant factor, resulting in a 15 percent cost savings for each store's HVAC infrastructure. All told, the new lighting scheme lowers the cost of each store by \$35,000.

By reconsidering what constitutes a light fixture and the quantity and location of equipment, Arup has create a flexible, cost-effective, and energy-efficient lighting solution that works no matter the scale or size of a store location. A seemingly simple approach, attention is paid to the lighting design's details. "The result," says van der Heide, "is a chic, understated architectural solution at a competitive price." **ELIZABETH DONOFF**

DETAILS

PROJECT Louis Vuitton Store Lighting Concept

DESIGN TEAM Louis Vuitton, Paris (client and architect); Arup Lighting, Amsterdam (lighting design)

PHOTOGRAPHER Michael van Oosten, Amsterdam

MANUFACTURERS Lighting Services Inc., Trato, Yamagawa



The first of the Louis Vuitton locations to implement the Arup lighting concept was the Madrid store seen pictured here.



ALESSI STORE, NEW YORK

DETAILS

PROJECT | Alessi Store, New York

DESIGN TEAM | Asymptote, New York (architect); Tillotson Design Associates, New York (lighting designer)

PROJECT SIZE | 980 square feet

PHOTOGRAPHER | Elizabeth Felicella, New York

MANUFACTURERS | Bartco, Con-Tech

CHALLENGE When designing Alessi's \$1.4 million dollar, 980-square-foot store in New York's SoHo neighborhood, architect Hani Rashid and his firm Asymptote faced not only the constraints of a cramped asymmetrical site, but the daunting task of creating an entirely new image for the Italian housewares manufacturer. "Rather than impose our corporate image we wanted to adjust our American flagship to the locality," explains Alessi executive vice president Jan Vingerhoets. "In New York you can't do the same thing you do everywhere else. We wanted something different, something quirky." As part of their strategy to create a unique aesthetic for Alessi's first U.S. outlet and integrate the brand with the spirit of the neighborhood, Vingerhoets and his team drafted a program that included basic retail functions, as well as an espresso bar—the first in any Alessi store worldwide. For Asymptote this meant finding a way to keep these two programmatic elements, each with their own hours of operation, distinct within the space, while maintaining flow and visual coherence.

ARCHITECTURAL AND LIGHTING SOLUTION

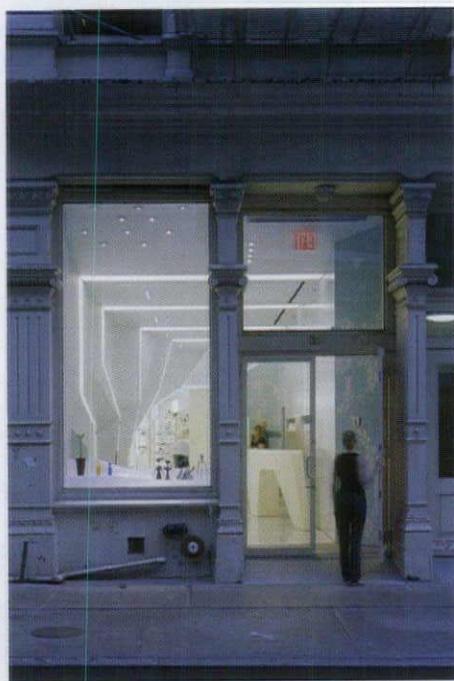
The store's Green Street location presents a typical New York City condition—a narrow entrance opening to a larger volume in the rear. The coffee bar greets shoppers as they enter the store and move through the space to the shopping area behind. To connect the two sections, the architects inserted nine successive bands of white light that run vertically up the north wall and continue horizontally across the ceiling within suspended geometrical boxes of varying shapes and sizes. "The action of these surfaces combined with the repetition of the bars of light draws the eye to the back of the space and creates a continuous reading," notes Asymptote project architect, David Lessard. Continuous is the operative word—a mirrored rear wall reinforces the surface geometries, while visually creating an infinite sense of space.

In addition to creating formal clarity between

coffee bar and store, the "light boxes" can be individually dimmed to distinguish the functions of each space. Constructed from medium-density fiberboard (MDF) and stretched Barrisol fabric, the boxes conceal T5 fluorescent fixtures, three per vertical wall element and three per horizontal ceiling element. Rather than using dimmers, which would have exceeded the project's budget, lighting consultant Tillotson Design Associates set each fixture on an individual switch. "By turning two on and one off, three on, or just one on, you get varying light conditions," says Lessard. This function is generally employed in the morning to dim the rear lights, when the coffee bar is open and the store closed. Standard halogen MR16 recessed downlights, arranged in strips of five, four, and

two, make up the remainder of the store's general illumination.

To highlight Alessi's products, Asymptote teamed with furniture manufacturer Vitra to design a modular shelving unit, complete with built-in accent lighting. Fabricated from bent, white-painted steel, the shelves feature constellations of two-inch-diameter fixtures, each directing the light of a single 2W white LED onto the coffee makers, vessels, and flatware. The architects chose LEDs in direct response to Alessi's stainless-steel-dominated product line, a material that, Vingerhoets says, "can



blend in without the right lighting." The choice was appropriate. The 6300K color temperature of the light from the LEDs appears as dazzling white points on the stainless-steel wares, immediately catching the eye in the already well-lit room.

The success of Alessi's SoHo flagship store illustrates the benefit of having a single author behind every element of a shopping experience—Rashid designed all of the store's ephemera, from the graphics to the packaging to the paper cups—but the power of lighting distinguishes these elements within a tightly confined space, while simultaneously unifying them. **AARON SEWARD**



A contrast between contemporary and turn-of-the-century architectural styles, New York's SoHo is home to Alessi's first U.S. retail location (facing page). The ultra-modern interior transitions from an espresso bar in the front (top left) to a retail space in the rear (top right). The unifying element—bands of light, comprised of T5 fluorescent lamps concealed behind Barrisol fabric. Complementing the dynamic use of light, custom-designed bent-steel display shelves with integrated LEDs echo the architectural theme of "folds" to create a memorable shopping experience.



POINT OF SALE

**AMERLUX | CYLINDRIX RECESSED | AMERLUX.COM**

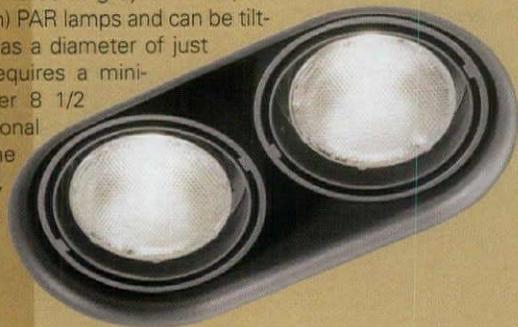
One in a family that includes track and semi-recessed fixtures, the Cylindrix recessed luminaire provides adjustable accent light with a 360-degree rotation. Its die-cast lamp housing is available in five configurations with up to four lamps. Designed around miniature, low-wattage metal halide lamps, the fixture can take a variety of reflectors and snoots. **CIRCLE 125**

JESCO LIGHTING GROUP | MONORAIL | JESCOLIGHTING.COM

This low-voltage track system is based on a single, bendable, low-profile rail. It is available in 4- and 8-foot segments, and is offered in cable-suspension, ceiling-, and wall-mounted versions. As part of the Jesco Quick Adapt Lighting System, small-scale pendants and spotlight fixtures can be easily connected to the track and moved as needed. The extruded aluminum track has two finish choices: chrome and satin nickel. **CIRCLE 126**

DELTALIGHT | RETRO 2 | DELTALIGHT.US

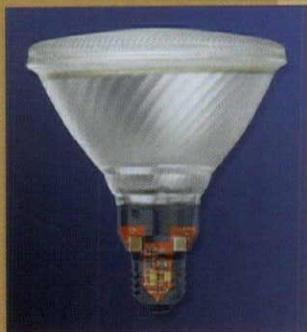
This display luminaire offers direct illumination and can be recessed into a ceiling or a wall. Offered in grey or white, the fixture takes two 70W (maximum) PAR lamps and can be tilted up to 30 degrees. It has a diameter of just over 6 1/2 inches and requires a minimum depth of just under 8 1/2 inches for recessing. Optional accessories include a cone and color filters in red, blue, green, and yellow. **CIRCLE 127**

**ADVANCE | E-VISION MINI 20W ELECTRONIC HID BALLAST | ADVANCETRANSFORMER.COM**

To be used for ceramic metal halide lamps, this energy-efficient compact ballast measures just over 4 inches wide. It delivers lamp wattage regulation to optimize lamp color quality and reduce lamp-to-lamp variations, and features a 90-degree-Celsius maximum case temperature rating, as well as automatically controlling lamp power, detecting lamps' end of life, and lamp monitoring. **CIRCLE 129**

**OSRAM SYLVANIA | CAPSYLITE E-PRO | SYLVANIA.COM**

According to the manufacturer, the Capsylite e-Pro's innovative rocket-shaped circuit board allows this lamp to produce 35 percent more lumens and last 80 percent longer than a similar 35W halogen PAR lamp. Energy efficient and lead free, the lamp has a color temperature of 2950K for a crisp, white light and is available in a variety of beam spreads and angles. **CIRCLE 128**

**HERA LIGHTING | STRIP-LED | HERALIGHTING.COM**

Ideal for display cases, this linear LED fixture comes in 1-, 2-, and 3-foot lengths and can be recessed or surface mounted. Its anodized aluminum housing with plexiglass cover measures just 1 1/8 inches wide and 1/4 inches high. Offered in both cool white (5500K) and warm white (3200K) LEDs, the luminaire emits no ultraviolet radiation and is almost free of heat. An optional corner extrusion is also available. **CIRCLE 130**

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"Age Wave" Demands Sea Change

BY EUNICE NOELL-WAGGONER

LIGHT'S IMPACT ON HEALTH PROVIDES NEW CHALLENGES FOR DESIGN

"WHERE ARE MY GLASSES?" "PLEASE TURN UP THE LIGHTS!" "THAT GLARE IS BLINDING!" Do you ever hear your parents or even yourself saying these things? Sensory loss is common to the aging process, as witnessed by the number of older people wearing hearing aids and eyeglasses. The automatic response when this happens is to seek help from the medical profession, yet there is a huge role for the design community to create a physical environment that will minimize the effect of sensory loss. With the growth of the 65+ age group expected to peak at 23 percent of the total population between 2030 and 2050, all professional groups will be called upon to meet the challenges posed by this "Age Wave."¹

VISION AND AGING

Everyone to a greater or lesser degree experiences normal age-related changes to the eye. In addition, the prevalence of eye diseases increases with age, compounding the problems of an already impaired visual system. Visual impairment represents one of the most significant health problems of older people because of the associated dangers affecting the rest of the body, i.e. fall-related hip fractures. Falls are the leading cause of accidental death in the senior population. About 20 percent of seniors who suffer a hip fracture die within a year of the fracture.²

Discoveries in the last few years of the retinal ganglion cells, which provide input to our circadian system (keeping our sleep/wake cycle synchronized with the night/day cycle of light) and the action spectra of 446-477 nanometers as the most potent wavelength region,³ provide additional objectives for a successful lighting design project. Since this range is shifted toward the shorter wavelength, or the blue part of the spectrum (similar to the light of a blue sky), there is added incentive to increase the use of daylight within spaces used by people of all ages, and especially for the senior population.

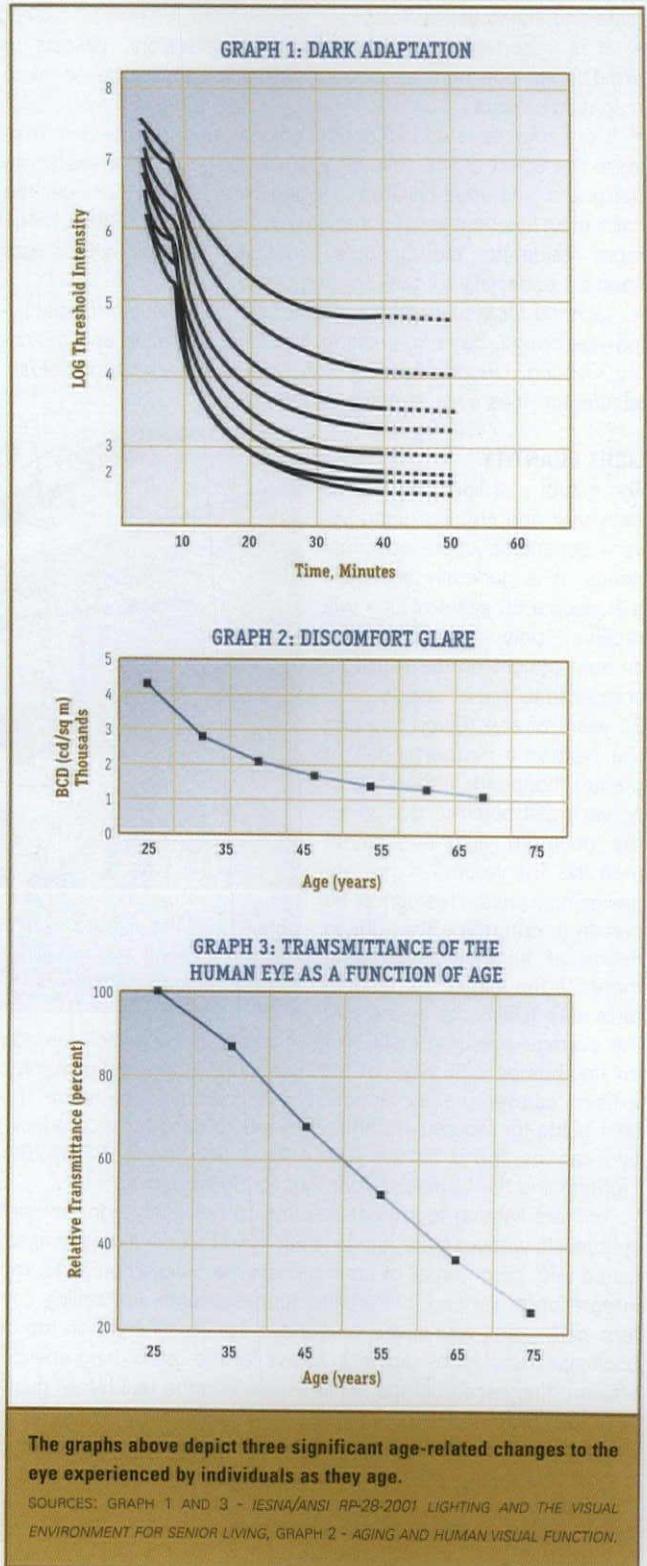
The normal effect of age-related changes to the eye include less light reaching the retina, increased sensitivity to glare, longer adaptation time required for changes in brightness, loss of contrast sensitivity, loss of accommodation, and distortion of colors due to the yellowing of the lens. Of these six age-related changes to the eye, only one, accommodation, can be corrected by wearing glasses or corrective lenses. The other changes can best be addressed in the physical environment by providing the appropriate quantity and quality of light and increased value contrast between objects and their background, or at a change of level, i.e. the edge of a step or counter edge.

LIGHT QUALITY

The prescription for quality lighting for older adults is best achieved by using layers of light combining ambient, accent, task, and glow (instead of sparkle). Some considerations to account for are:

- Ambient light must be even and consistent within a space and from one space to another, providing light on the vertical surfaces, avoiding scalloped patterns on the walls or pools of light and/or shadows on the floor. Yes, this does mean that we must end our addiction to recessed downlights.

GRAPHS COURTESY OF EUNICE NOELL-WAGGONER



- Glare is enemy #1! Whether the source is daylight or electric light, direct and reflected glare must be controlled and diffused.
- Provide as much balanced daylight as possible within a space. Fenestrations with diffused glazing located above the field of view are preferred, since they avoid the problems created by glare and shadows.
- It is important to use high-frequency electronic ballasts to avoid flicker and hum associated with the soon to be obsolete magnetic ballasts.
- Light sources rated high on the color-rendering index best minimize the effect of the yellowing lens of the eye. Whereas some designers (and adult children of aging parents) may consider the color of an incandescent light source in the 2700K to 3000K range more residential, older people continually request whiter light sources, especially for task lighting.
- Lighting for visual tasks must include all activities of daily living—grooming, bathing, cooking, cleaning, selecting and matching clothing, laundry, reading and paperwork, and most of all, leisure activities such as crafts and hobbies.

LIGHT QUANTITY

The quantity of light needed for both task and ambient light will vary depending upon individual needs. It is generally accepted that people 60 years of age will receive only one-third the amount of light on the retina as compared to that of people 20 to 30 years of age. Given this and the extreme importance of greater independence and safety, we must begin to design for the “optimum” light level, rather than the “minimum.” If you are designing a private residence, be certain to determine the lighting needs of all individuals living there. If the project is a long-term care facility, be aware that the average age of people living in assisted living facilities and nursing homes is 85 years of age. Residents in this age group will experience even greater reduction of light reaching the retina. The best guide for recommended light levels for long-term care facilities can be found in the IESNA/ANSI document: *RP-28-2001 Lighting and the Visual Environment for Senior Living*.

Indirect lighting is a great solution to providing high ambient light levels without glare. Since linear indirect luminaires are associated with commercial or institutional type building projects, the integration of lighting into architectural elements, i.e. ceiling coffers, ceiling and wall coves, and above the line of sight on top of bookcases and upper cabinets, allows for the use of long energy-efficient fluorescent lamps, while preserving the residential quality of the space. This approach requires close teamwork early on in the design process amongst the lighting designer, architect, and the other design team members.

RESIDENTIAL LIGHTING CONSIDERATIONS

Residential settings require a distinctly different approach to light-

ing for day and night use. Flexible lighting designs are important in the public areas of the home in order to accommodate a variety of uses, ranging from entertaining, group meetings where people may need to read, day-to-day living, and housekeeping. If the client is in the 60+ age range, many of their friends will be in that same age group. However, these individuals may not be familiar with the layout of the home. Using contrasting light and dark materials to define the floor and step(s), plus lighting to illuminate the step or level change, will help individuals maneuver safely in and through the space. Often, the lighting design in high-end residential settings is high contrast—dramatic lighting for cocktail parties, however, this ignores the routine visual activities of daily life.

Bedroom and bathroom areas need to be designed with different lighting options for both day and night use. Sleep disorders are a common problem for older people. As a result, many take naps off and on during the day, and use the bedroom for activities besides sleeping, such as resting, watching television, and reading. Ambient and task light are needed for these daytime activities.

The room should be dark while sleeping. It is also common for older people to get up during the night to use the bathroom. In this semi-awake/sleep state, eyes are adapted to the dark, so illumination levels of night lighting should be low. A lighted switch near the bed will allow an individual to turn the light on and off as needed. Light sources, which are warm in color and located near the floor, are best for this situation. The goal is to provide just enough light for a person to safely find their way to and from the bathroom, without waking up completely due to exposure from bright light at night.

In all areas, long lamp life is essential. No matter who is responsible for changing the lamps, whether it is the maintenance staff or the older home owner, the replacement of a burned-out lamp may not happen quickly. Keeping seniors off ladders is also a safety issue.

DAYLIGHT EXPOSURE

Sleep and activity rhythms are the most common and easily observable circadian rhythm, although core body temperature, appetite, and hormonal secretions are also included. As mentioned, sleep disorders are a problem for older people; in fact only 20 percent report that they have no difficulty with sleep.⁴ As people age they are less mobile, and as mobility decreases so does their exposure to daylight. Seniors living in the community receive less daylight exposure than younger people, but seniors living in long-term care facilities are the most daylight deprived. Without the necessary exposure to daylight their body clocks desynchronize, resulting in a higher percentage of sleep disorders for older people living in institutional settings than age-matched people living in the community.



Quality lighting is best achieved by using layers of light that combine ambient, accent, task and glow, as seen in the dining area for Green Ridge Village, a retirement community in Newville, PA.

LIGHTING PUBLIC SPACES

Retirement provides more leisure time to engage in activities outside the home, including travel, shopping, dining and volunteering. Sixty-five percent of seniors do volunteer work. The lighting in these buildings—daycare centers, grade schools, and medical facilities—should not be the barrier to keep them from enjoying their leisure time, spending their money, or donating their services.

Recently, an unexpected advocate for appropriate lighting has come to the fore. The consequences of visual impairment, i.e. fall-related hip fractures and the associated medical costs, are now attracting the attention of the federal government. United States Surgeon General Richard Carmona, MD, MPH, FACS, lists "improving lighting" along with other recommendations to reduce the anticipated risk of fractures in the 50+ population.⁵ With the new focus by the Center for Medicare and Medicaid Services (CMS) on home or community-based senior care, rather than the traditional nursing home or assisted living facility, there is an even greater imperative to design homes appropriately to serve the "Age Wave" that will be cresting soon.

FINAL THOUGHT

To serve an older population, the design community must create lighting schemes based on perceptions other than our own. Design for the "optimum" condition rather than the "minimum," and include health factors along with traditional lighting objectives. In particular, the standard practices of residential lighting design needs to change today to meet the requirements of the current aging population. Soon enough we will join the ranks of the 65+ and become dependent upon younger people to understand our needs. How can we expect others to address these lighting deficiencies if we do not address them ourselves and take the necessary steps, today, to remedy them?

Unice Noell-Waggoner is President of the Center of Design for an Aging Society, a not-for-profit organization dedicated to improving the built environment to maximize abilities of older people. The Center recently developed and published "Lighting Your Way to Better Vision," an informational booklet for the general public. She is also the founding chair and a current member of the Lighting for Aging and Partially Sighted Committee of the IESNA.

FOOTNOTES

¹Dychtwald K, Flower J. *Age Wave—The Challenges and Opportunities of an Aging America*. New York: J.P. Tarcher, 1988.

²U.S. Department of Health & Human Services Press Office. "By 2002, One in Two Americans Over Age 50 will be at Risk for Fractures from Osteoporosis or Low Bone Mass." News Release. October 14, 2004.

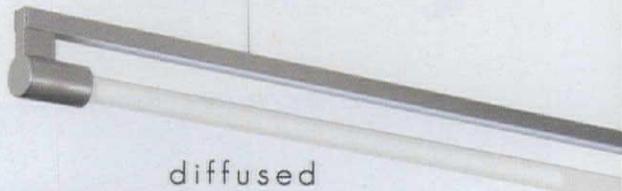
³Brainard GC, Hanifin JP, Greeson JM, Byrne B, Glickman G, Gerner E, and Rollag MD. "Action Spectrum for Melatonin Regulation in Humans: Evidence for a Novel Circadian Photoreceptor," *J. Neurosci.* 21 (2001) 6405-6412.

⁴Chen, CK, Sloane, PD, Dalton, MT, Sheps, CG. "Lighting and Circadian Rhythm and Sleep in Older Adults: Technical Memorandum #1007708." Palo Alto, CA: EPRI; New York: IESNA; Solon, OH: Venture Lighting International, 2003.

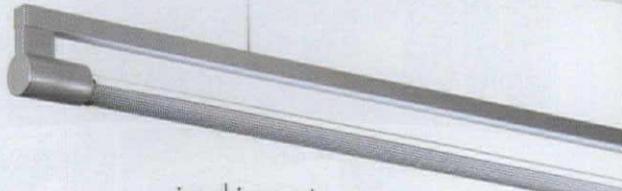
⁵See footnote 2. Ibid.

How do you Swing?

bare



diffused



indirect



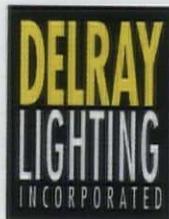
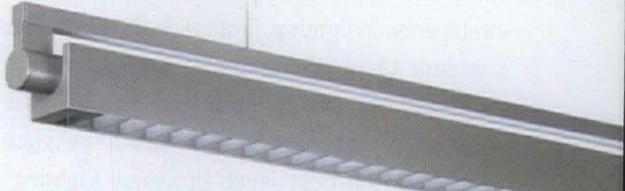
lensed



asymmetric



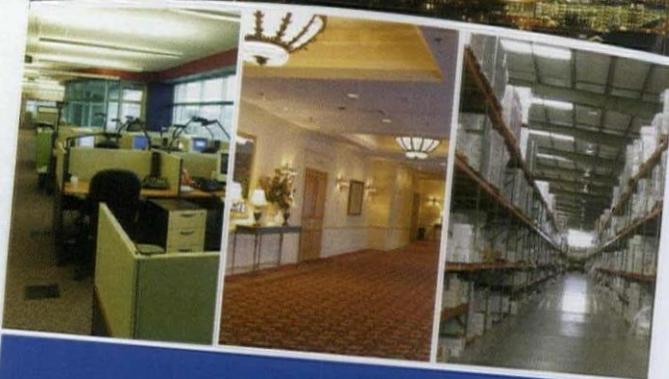
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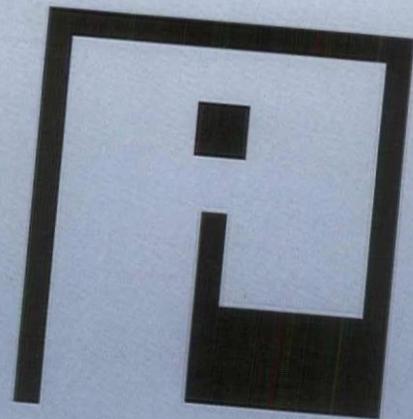


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Not Fade Away: Lighting of Valuable Objects

BY JAMES R BENYA

With special thanks to George Sexton, IALD, one of the world's leading authorities and accomplished designers in the field of museum lighting, and Rogier van der Heide, IALD, of Arup Lighting and designer of current state-of-the-art museum projects.

Important reference material: IESNA RP-30-96, Recommended Practice for Museum and Art Gallery Lighting.

LIGHT IS A COMMON CAUSE OF DAMAGE TO PAINTINGS, drawings, books, artifacts, and virtually all types of historic and archival collections. It can cause paper to bleach, yellow, or darken, and it can weaken and embrittle the cellulose fibers that make up paper. It can also cause base materials and dyes used in documents, photographs, and art works to fade or change color. Paper, bindings, and media (inks, photographic emulsions, dyes, and pigments, and many other materials used to create words and images) are particularly sensitive to light, as are fibers, furs, and textiles. Most of us recognize fading as a form of light damage, but this is only a superficial indication of deterioration that

extends to the physical and chemical structure of collections. Light damage is cumulative and irreversible.

Light provides energy, which causes the chemical reactions that produce deterioration. In photochemical deterioration, or photodegradation, light energy is absorbed by molecules within an object, which can then start many possible sequences of chemical reactions. Each molecule requires a unique minimum amount of energy to begin a chemical reaction with other molecules, called its activation energy. A common reaction is oxidation. Other reactions include photodissociation, in which molecules are broken into smaller pieces by photons, and the change of molecular shape, such as the denaturing of proteins. These reactions can be even more damaging if other environmental factors contribute; for example, for every 14-degree-Fahrenheit rise in temperature, the deterioration rate of paper (and likely other organic materials) doubles. Major contributing factors include humidity, surrounding atmosphere, environmental pollutants, and the age, condition, and current state of the object entering conservation.

Most designers know that ultraviolet light (UV) is destructive. Indeed, UV is the most damaging of all forms of light, and deserves principal attention. However, it is important to remember that all light causes damage, and UV, visible light, and infrared energy all need to be addressed as part of the equation.

BASIC LIGHTING PRINCIPLES

Aside from the design issues of visibility, appearance, artistic interpretation, and the like, there are two overriding principles of lighting design to address and manage the affects of light.

1. CONTROL THE SPECTRUM OF LIGHT

Think of each of the three main types of light—visible, UV, and infrared (IR)—as being sources of energy that can cause photodegradation. Only one of the three, visible light, is actually used for art display and curation. The other two—UV and IR—are not necessary for either task and can be gladly discarded. This is easier said than done, of course, and minimizing both is the key to successful design. UV gets our top attention, as it is the most destructive light energy. An easy

TABLE A

LAMP	UV PERCENT	UV μ W/LUMEN (MICROWATTS/LUMEN)
Tungsten Sources		
Incandescent 2850K	1.7-1.8	75-80
Halogen PAR	1.6	65-70
Halogen HIR	0.8	32
MR16 dichroic with cover glass	0.9	38
MR16 HIR with cover glass	0.6	24
Halogen bi-pin	2.1*	108*
Other Sources		
3300K LED	<0.5	<20
Fluorescent T8	1.7-8.3	53-280
Ceramic Metal Halide	3-12*	122-490
Standard Metal Halide	9-20	330-800
Daylight through window glass	6.7-17	275-720

SOURCE: IESNA RP-30-98, EXCEPT *, WHICH REPRESENTS NEW DATA FROM GE LIGHTING'S MUSEUM LIGHTING COURSE, NOVEMBER 2006, PRESENTED BY KATHY PRESCIANO.

way to assess the amount of UV present is to determine the percentage of UV to visible light. (See Table A.)

The higher the percentage of UV, the more filtering is required. The standard UV limit for preservation is 75 $\mu\text{W}/\text{lumen}$. As a general rule, every light source should have a UV filter, and a perfect filter removes all radiation with waves shorter than 400 nanometers. For incandescent and HID lamps, glass filters are necessary to handle the lamp's heat; for daylight and fluorescent lamps, plastic sleeves and lenses can be used. Keep in mind though, any filter changes the color rendering (CRI) of the system, and the greater the filtering, the lower the CRI. For example, halogen light (CRI 100) through an Optivex dichroic filter will reduce the CRI to 95. And daylight, filtered through Low-E window or skylight glass, can have altered color, with CRI as low as 75-90 with some modern windows.

Don't forget IR radiation, either. There is precious little information about IR effects at this time, but practical experience suggests that the drying and baking impacts can be significant. Displays of especially sensitive materials will demand IR filtering. To minimize IR you can employ "cold mirror" lenses, "cool beam" PAR lamps, or dichroic MR16 lamps, all of which substantially reduce IR in display-lighting applications. In fact, the natural filtering effects of the IR coating on IR/HIR lamps reduces both IR and UV light, making these lamps ideal candidates for sensitive display applications.

For the most extreme applications, LED and fiber-optic lighting offer respectable, if not expensive, alternatives. In a fiber-optic system, both UV and IR must be filtered out before entering the fiber, or the port's fiber end will be damaged over time. The absorption of UV by glass or plastic fiber also helps ensure literally no UV transmission through it. With LEDs, there is no radiation above 400 nanometers from almost any white LED, and LEDs can not emit IR either. While LEDs are easier and less costly, glass fiber systems still offer the most perfect display light, because the heat source is also removed from the display environment.

Daylight contains an extremely high percentage of UV light and, when introduced at high light levels, typically provides the greatest risk of photodegradation in architectural applications. Technically careless daylighting designs

and ill-advised placement of artwork near windows and skylights are common problems. More than one twentieth-century museum has inappropriate amounts of daylight with little or no filtration, due largely to ignorance and architectural fashion. But most curators are technically astute, and they demand that today's most exciting museum designs are technical masterpieces where UV management is tantamount.

2. RECIPROCITY

As in photography, reciprocity is the principle by which exposure time is multiplied by exposure intensity to determine total exposure. In the case of art, artifacts, and book and archival collections, the lux-hours of exposure are the metric (to obtain footcandle-hours, divide lux-hours by 10.764). In other words, an object illuminated to 50 lux for 1,000 hours receives 50,000 lux-hours of exposure.

Designers know that ultraviolet light (UV) is destructive. However, it is important to remember that all light causes damage, and UV, visible light, and infrared energy all need to be addressed as part of the equation.

Curators will often set specific limits for each individual piece based on a number of factors, including the current state of the object, its useful life, and the intended number of display hours per year. There are some artworks, such as metal and stone, that have no practical limits, although the specific paint or finish may cause a curator to assign a limiting value. But for most artwork and collectables, typical values range from less than 50,000 lux-hours per year for sensitive materials to over 500,000 lux-hours per year for more durable pieces, including stable dyes, wood finishes, leather, and some plastics.

The lux-hours of allowed exposure are, of course, adjusted for the light source. The curator's reference hours are based on using tungsten lamps with basic UV filters. For example, using a tungsten PAR lamp with a basic UV filter to display a painting, a curator might set a limit of 50,000 lux-hours per year. The lamp itself is rated at 75 $\mu\text{W}/\text{lumen}$. To display this painting using a

ceramic metal halide lamp rated 98 $\mu\text{W}/\text{lumen}$, you can either reduce the light level or display period by about 25 percent (75/98), or you can employ a better filter.

MODERN PRACTICE

Better, more universal standards are constantly under discussion amongst the museum curatorial and preservation communities. For example, a new metric called the "Blue Wool" test has been developed in conjunction with the International Standards Organization (ISO). This is a simple but effective test, in which particular blue wool samples, which are extremely sensitive to light, can be readily tested in the actual setting. Standardized samples and other measurement devices are commercially available. Likewise, the amount of light and UV can be predicted for any source, including daylight, through basic illuminating engineering calculations with factors addressing the percentage of UV content. Acceptably accurate designs for museum daylighting, for instance, can be created using a modern lighting program with daylighting capabilities, plus some basic math accounting for filtering through transmission and absorption.

As a basic rule, try to limit the amount of light on important pieces to about 5 footcandles. This will cause minimum damage to even the most fragile artworks, even if illuminated for over 2,000 hours per year. But remember, the light contribution includes both electric and natural light, and in many ordinary settings, extremely high levels of exposure can be the result of a nearby window. Limit the amount of light through filtering rather than dimming, as dimming causes light color shift. And above all, consider controls as a very effective way of limiting exposure. Simple time-of-day switches are a great way to start, but to address the issue in detail, employ motion sensing to dim display lights when no one is present.

Very few lighting practitioners design museums, and for them these comments are hardly important. But many of us are called upon to illuminate private collections and important pieces in residences and many different corporate and institutional settings. Consideration of these important lighting criteria early on in a project's development will not only lead to its success, but it will also safeguard the very objects these spaces are meant to celebrate.



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Recognizing durability,
customer service,
value and design.

2006 WINNERS



From The Publisher

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It is with great pleasure that we announce the 2006 winners of the Architect's Choice for Excellence (ACE) Awards, sponsored by ARCHITECTURAL LIGHTING. The ACE.al Awards recognize manufacturers who have provided superior products and services to the marketplace. ACE ballots appeared in the April/May and June issues of ARCHITECTURAL LIGHTING. The ballots were also made available to architects at the Lightfair, AIA and other industry conventions.

We salute all of the industry leaders as voted by readers, for their commitment to product excellence. Durability, customer service, value and innovative design are the hallmarks of all winning firms as they strive to meet and exceed design expectations, cost criteria, and demanding deadlines. Awards that recognize the "Most Innovative", "Most Respected", and "Most Specified" lighting suppliers for 2006 were also awarded.

Thanks to all those who took the time to select this fine group of winners. Your assistance and opinions are what make this program valuable to the industry as a whole. Cheers to the best in the business.

Russell S. Ellis
Publisher



ACE.al AWARDS

AL
architectural lighting

2006 ACE.al Award Winners

Most Innovative
Artemide

Most Respected
Lutron Electronics

Most Specified
Lightolier

Top 30 Manufacturers

The following list highlights the top three companies followed by the remaining winners listed in alphabetical order.

Top 3 Manufacturers

1. Lightolier
2. Lutron Electronics
3. Halo

Alkco Lighting	Juno Lighting
Artemide	Kichler
BEGA-USA	KIM Lighting
B-K Lighting	Lighting Services, Inc.
Boyd	Lithonia Lighting
Color Kinetics	Louis Poulsen Lighting
Cooper Lighting	Prescolite
Day-Brite Lighting	Progress Lighting
Delta Light	Tech Lighting, LLC
Elliptipar	Kurt Versen
Erco	Visa Lighting
FLOS	Winona
Focal Point	Zumbotel Staff
Hubbell	

METHODOLOGY

The official ACE.al ballot ran within the April/May and June issues of ARCHITECTURAL LIGHTING, reaching the full 25,000+ circulation with each. In addition, e-mail and fax campaigns were conducted. Ballots were also provided and collected at the AIA, Lightfair and other industry conferences. The magazine also conducted a random sampling, consulted with industry experts, and subjected the full manufacturers list to review by an in-house publishing team. Hundreds of companies are nominated based on criteria that included outstanding product durability, exceptional customer service, superior value and innovative designs. ARCHITECTURAL LIGHTING recognizes the top 30 lighting manufacturers, with special mention provided to the top three. Ballots also included an opportunity to indicate choices for the "Most Innovative", "Most Respected" and "Most Specified" lighting manufacturers.



Top 30 Manufacturers



B-K Lighting

Industry Insight
"Good is the enemy of great," says Ron Naus, Executive Vice President. "We spend each day working to make a great product for our customers. This simple philosophy inspires us to continually improve in every aspect of our business. We know there are many choices available and we do not want our customers to have to settle for good enough."

When product design and durability are key design elements, residential and architectural installations demand B-K Lighting. That's why B-K Lighting is featured in such prominent venues as The Seattle Opera House, Four Seasons Hotels, Disney Resorts, Toronto's International Airport, and The Bellagio in Las Vegas as well as in many of the world's most exclusive residential projects.

Since 1984, B-K Lighting has been dedicated to providing the lighting industry with the highest quality, most innovative, and fairly priced outdoor lighting fixtures available. B-K Lighting strives for excellence in both design and quality, machining low-copper aluminum, brass, and stainless steel products to exacting standards, delivering quality and craftsmanship without equal.

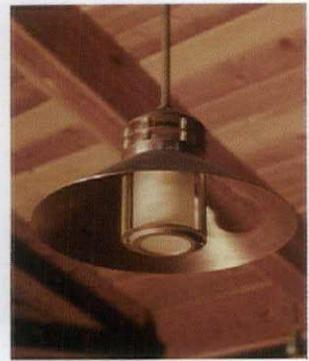
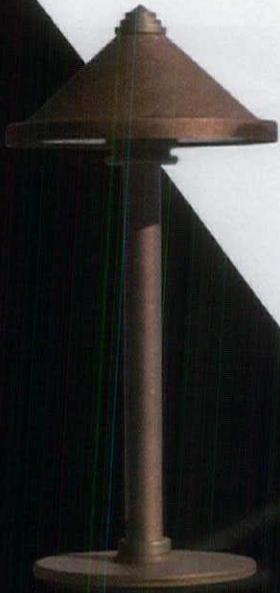
B-K Lighting celebrates its 22nd anniversary with two key, new product introductions. First, a patent-pending ICEE Lens™ has been added to the popular Precision2™ and Tenaya2® series of in-grade luminaires. "ICEE™ provides meaningful reduction in surface lens temperature," says Ron Naus, Executive Vice President. "With 90% efficiency and full biaxial source control, it also provides the flexibility design professionals expect from B-K Lighting," Naus continues.

This year, B-K Lighting also celebrates the first anniversary of its acquisition of Teka Illumination, a world-class manufacturer of solid copper, bronze, brass, and stainless steel products that add a powerful design statement to any project. Teka Illumination has just launched its Projector Series Path light, a product that incorporates the patented Toroidal Lens. With a Teka luminaire, using a 35-watt halogen lamp, the horizontal foot-candles will reach 16 feet—four times greater than standard lumen power—resulting in fewer fixtures to illuminate the same area.

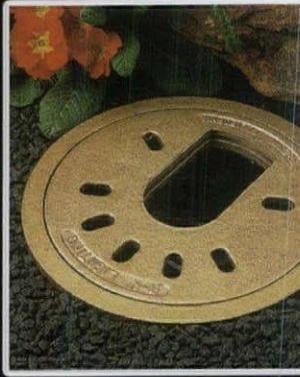
In addition, B-K Lighting continues to add to its rapidly growing line of solid-state lighting products. "This year has witnessed the emergence of solid-state lighting as a viable option for many outdoor tasks," says Naus. B-K Lighting incorporates solid-state sources into more than 70 products, including floodlights, step and path lights, and recessed down lights.

For more information about B-K Lighting, its products and representatives visit our website at www.bklighting.com or call 559-438-5800 (7AM-5PM, PST).

Circle no. 1



FORM MEETS FUNCTION



B-K
LIGHTING

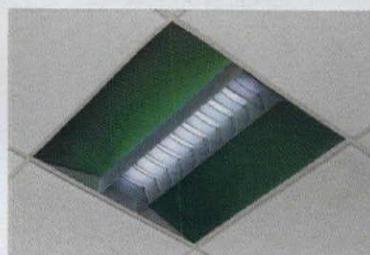
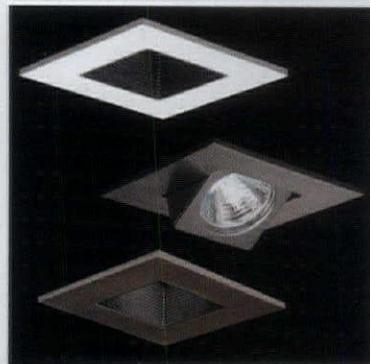
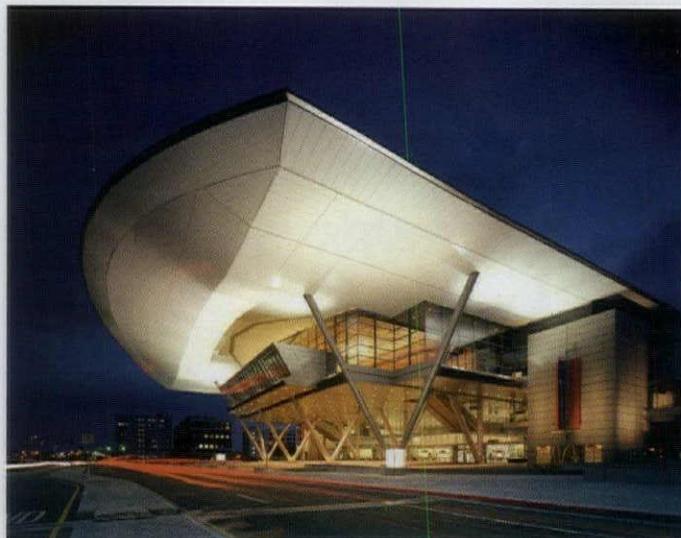


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Top 30 Manufacturers



Cooper Lighting

Industry Insight
For over 50 years, Cooper Lighting brands have manufactured and marketed award-winning, industry-specific lighting products. The company's dedication to continuing education for the lighting industry and its broad yet unique product lines make Cooper Lighting an industry pioneer and market leader.

"Our goal is to develop innovative solutions that relate to today's needs," says Tim O'Brien, Cooper Lighting's vice president of marketing and product development. "The world of lighting is changing at an ever increasing pace. As energy costs continue their upward climb, and the Energy Policy Act has forever changed the way that buildings are designed, it's important that we continue to find better solutions to the challenges that we confront every day."

As one of the leading lighting fixture manufacturers, Cooper Lighting certainly has the expertise and resources to do just that. The company's market-specific teams in the fields of Healthcare, Automotive, Industrial, Commercial, Education, Hospitality, Retail, Utility, Residential and Energy provide a wide array of energy-efficient solutions to help meet today's challenges.

Headquartered in Peachtree City, Georgia, Cooper Lighting has a heritage of strong brand identity—Halo celebrated its 50th anniversary this year—and a reputation as a provider of high-quality, unique products. As North America's leading manufacturer of specification-grade luminaires, and the pioneer of track and recessed lighting, Cooper Lighting offers the most extensive breadth of products in the industry.

Cooper Lighting's brands include Halo, Metalux, Lumark, Sure-Lites, McGraw-Edison, Fail-Safe, Iris, Neo-ray, Corelite, Shaper, Lumière, MWS, DLS, Invue, RSA, Streetworks and Ametrix.

In addition to introducing numerous new award-winning products this past year—the company has been recognized over the last four years by the IESNA Progress Report Committee with a record-setting 72 acceptances for producing products that have advanced the art and science of lighting—Cooper Lighting boosts their dedication to lighting education. Now in its sixteenth year, The SOURCE, a 35,000 square-foot, state-of-the-art education center offering CEU credited courses and services, has contributed to the education of over 86,000 students and professionals.

For more information call 770-486-4800 or visit www.cooperlighting.com.

Photos: The Boston Convention Exposition Center, Boston, Mass. (Lighting Design: Lam Partners, Cambridge, Mass.); (top right) Halo H3 Square Trims; (bottom right) the Neo-Ray Symbio Recessed Series

Circle no. 2

LIGHTING THE WAY WITH LED

Cooper Lighting has integrated the latest LED technology into its newest product introductions for egress and wayfinding applications, where LED's offer viable and efficient alternatives to existing technologies.

From Lumière's petite 5" and 7" architectural step lights to Fail-Safe's 12" Harmony Vandal Resistant Series and Invue's architectural low-level luminaires, Cooper Lighting's products offer exceptional high-quality architectural form, various fascia styles, sizes and colors, as well as the LED benefits of instant on/off capabilities, long-life and low maintenance for both indoor and outdoor applications.

Turn to Cooper Lighting to continue to bring relevant and exciting products to the marketplace.

www.cooperlighting.com



Lumière Rio Series



INVUE Solas™ Series



Fail-Safe Harmony™ VR Series

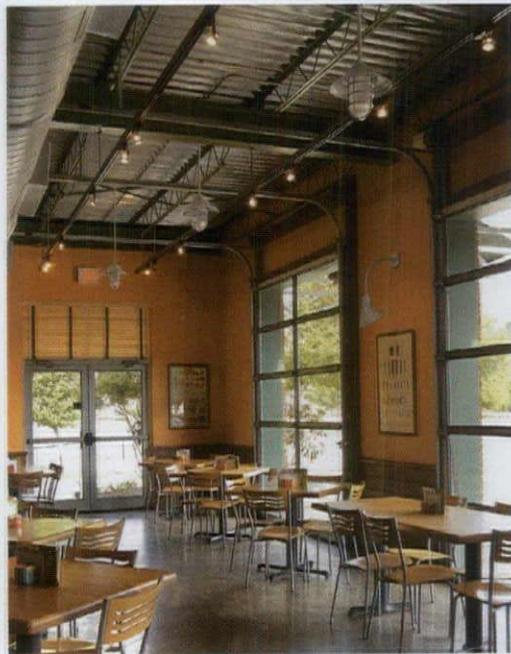


Fail-Safe Harmony™ Wayfinding

Top 30 Manufacturers



hanley wood



Day-Brite Lighting

Industry Insight
Day-Brite Lighting engineers each product with a strong emphasis on cutting edge optical designs and unique thermal management systems, while also focusing on unobtrusive pleasing aesthetics.

Headquartered in Tupelo, MS, Day-Brite Lighting manufactures innovative high quality fluorescent, HID, and emergency lighting systems. Day-Brite takes pride in its wide range of award winning products.

The new Attune product line combines all of the components of great lighting into one family. Aesthetics, performance, visual comfort, flexibility, and ease of maintenance are each incorporated into the design. With its multiple shielding options, photometric distributions, and choice of ceiling types, the Attune is a very comprehensive and versatile family designed to meet the needs of any application.

The Fluorescent product line is not the only one in which Day-Brite continues to thrive. The Indoor HID product family has expanded the Expressions line with the release of the Expressions DH series. Available with fluorescent or HID light sources and several reflector options, the Expressions DH line has the versatility to provide just the right look for any environment. Expressions is one of the largest families of decorative HID luminaires in the market today.

Also, Day-Brite's Outdoor HID line, NiteBrites, launched an exclusive line of indoor/outdoor decorative domes this year. The Barista series is both architecturally and ruggedly designed to provide the style and function required by today's designers. In addition Day-Brite now offers an extensive Vandal Resistant product line, and its mcPhilben Emergency product line continues to grow every year.

With the grand opening of its new 5,000 square foot state-of-the-art training facility scheduled for the second quarter, 2007 promises to be another groundbreaking year for Day-Brite Lighting. Other plans include the launches of a dedicated softback for the popular Arioso family and a new Solutions condensed catalog by Fall of '07.

For more information call 662-842-7212 or www.daybritelighting.com.

Circle no. 3



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Attune is designed to unify your lighting with your lifestyle. Each person and space within a building has different lighting demands, from aesthetic preferences to photometric requirements to installation details. Your lighting system must be a FAMILY of products "tuneable" enough to meet these needs while unifying an overall theme and providing comfortable, highly efficient illumination.

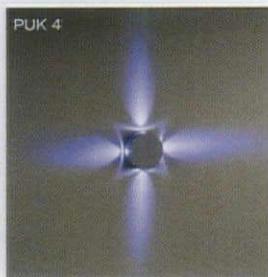
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Circle no. 27 or www.archlighting.com/productinfo



Top 30 Manufacturers



Delta Light

Industry Insight
Delta Light's products are the result of an innovative and creative approach that marries great design and cutting-edge technology. With full devotion, the product development team creates luminaries that are meant to satisfy and please the end user.

Delta Light brings European styling to the US market through its broad offering of contemporary luminaries designed to be seen as architectural elements rather than purely lighting fixtures. With a worldwide distribution network and short lead times, Delta Light is renowned for its high design, minimalist, contemporary fixtures that incorporate quality, aluminum base products, making them one of the fastest growing in their lighting class.

New Products Combine Style With Function

Delta Light has introduced more than fifty new products that blend the company's trademark European styling with high-performance Power LED technology. Available in either surface or recessed fixtures for both interior and exterior applications, including task, accent, miniature down-light, orientation, wall sconce, in-ground, linear and landscape luminaries, Power LEDs offer many advantages over conventional LED sources. Power LEDs deliver output close to halogen sources, have an extremely long running life (50,000+ hours), deliver greater energy-efficiency (with more than 20 lumens per watt), generate no heat and are available

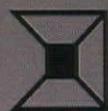
in a smaller size which provides greater installation flexibility.

To meet the growing architectural demand for trimless luminaries, Delta Light now offers several hundred new trimless fixtures for recessed, wall, floor and ceiling applications. Trimless fixtures maintain all the efficiency gained by their trimmed cousins but become part of the architecture instead of a distracting, additional, element that detracts from the design intent.

Delta Light provides architects and lighting designers with a full range of products that add contemporary style and deliver unparalleled performance to each project they undertake—inside or out. See for yourself why Delta Light ranks as an ACE.al Award winner among your colleagues nationwide.

For more information on these and other Delta Light products or to receive a copy of the Lighting Bible 6—a 600+-page complete product catalog—visit www.deltalight.com.

Circle no. 7



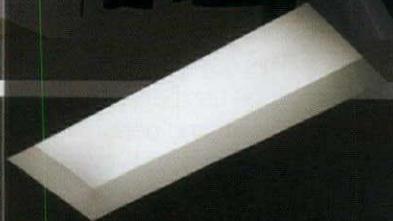
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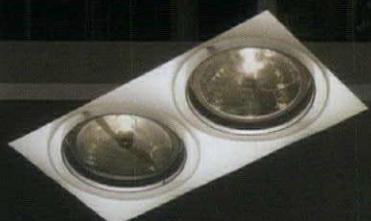
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UNDERCOVER



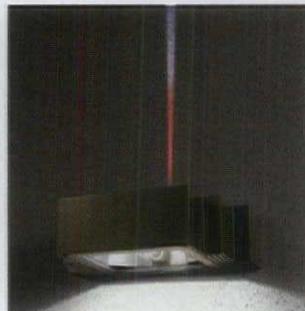
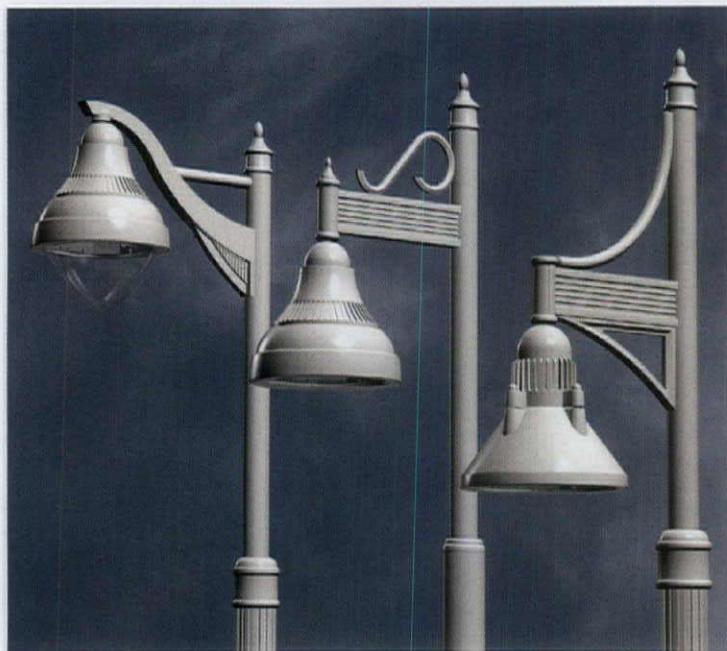
MAESTRO S 224



MAESTRO S 224-211



Top 30 Manufacturers



Kim Lighting

Industry Insight
Innovation and customer support are the distinguishing hallmarks of the Kim brand. Kim artfully blends state-of-the-art design, uncompromising quality and exceptional performance with a singular focus on customer needs. Kim backs its leading edge products with support from initial application through in-service life to ensure that value produced is fully realized.

Kim Lighting has been creating innovative outdoor lighting solutions since 1933. From the beginning, the company has taken a lighting design perspective toward product development. Today, this approach remains intact and is the core of the company's focus. New products are developed to solve lighting needs and to provide efficient and attractive solutions.

Kim's approach to design has evolved into a special "Theory of Relativity." This defines the relationship of luminaires to the position they occupy within the architectural site. Area lighting is developed with an entirely different set of design and performance criteria than pedestrian-level luminaires, which also differ from the criteria used on wall-mounted products. This approach addresses performance requirements, physical scale, detailing, and the perspective from which products are viewed when installed in real world environments. The process also recognizes that outdoor area lighting is seen most often when it is not functional—during the day. This daylight visibility means Kim products must be aesthetically pleasing when they are not in use, and perform well when the sun goes down. This sensitivity to product design, placement, and function is a Kim hallmark. The integration of design, from

site/area lighting to mounting intimately with architectural surfaces, produces a unification that displays visual logic to site occupants.

For illuminating building surfaces and site features, landscape accents and architectural floodlights offer a wide range of options to adapt to virtually any need. Each product provides a distinct function, while utilizing shared design detailing, scaled to reflect specific locations in the site environment.

Every Kim product is built for the harsh outdoor environment, and supervised through a quality program that is audited to ISO-9001:2000 standards. While several others have copied Kim product appearances, they fail to capture the attention to detail, performance, quality, and spirit that comes from being the originator of ideas.

For more information call 626-968-5666 or visit www.kimlighting.com.

Photos: The Era® Collection of poles, arms, and heritage style luminaires (left), the versatile up/down Wall Commander™ luminaire with optional color ray (upper right), and the LTV71 18W LED Lightvault® (lower right).

Circle no. 4

Top 30 Manufacturers



hanley wood



Lightolier

Industry Insight
For over 100 years, Lightolier has provided creative lighting solutions for commercial, institutional, and residential lighting needs. A division of the Genlyte Group Inc., Lightolier is part of the largest lighting company in North America dedicated exclusively to the design, manufacture and marketing of lighting fixtures and controls.

Headquartered in Fall River, Massachusetts, Lightolier provides creative lighting solutions for commercial, institutional, and residential lighting needs. Founded in the early days of electrical lighting, Lightolier pioneered significant innovations in the field, including track lighting, recessed downlighting and high-performance fluorescent. Recognized today as a leader in lighting that is both functional and attractive, Lightolier now offers the most complete line of interior architectural luminaires and lighting controls of any single manufacturer in the industry.

Cutting-edge manufacturing, advanced technology and "new media" Web initiatives characterize Lightolier's most recent innovations. Among them, *Designing with Light* redefines how architects and interior designers obtain and manage lighting fixture information and enhances control over project specifications. *Designing with Light* includes a personalized online project management site that allows users to select and store the most appropriate lighting fixtures for a given application while providing key information such as budget pricing, lead times, and technical specifications, as well as the ability to build and export fixture schedules.

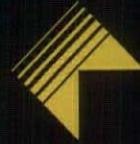
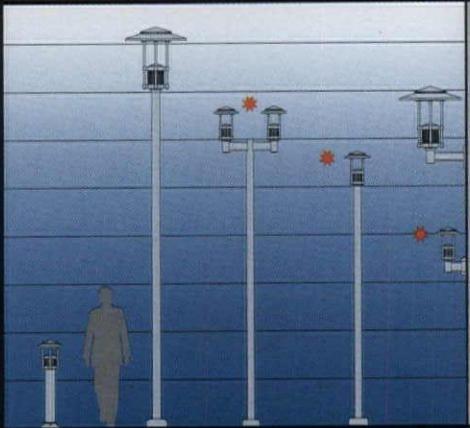
Energy efficiency and sustainability are fundamental guiding principles for Lightolier's research and development efforts. The company's advancements in LEDs, fluorescent, HID luminaires and lighting controls have changed the way lighting impacts your environment—as well as your bottom line. In 2006, Lightolier launched a complete line of Task Lighting, including adjustable arm task lights, undercabinet lighting and portable ambient lighting fixtures that feature clean geometric styling and smooth, flexible adjustability. Due to energy code guidelines that significantly reduce the amount of ambient light in offices, expanded lighting options are a necessity. Integrating task lighting into a space can significantly increase comfort and productivity as well as reduce eyestrain and fatigue—all while saving money for building managers.

To learn more about Lightolier's products, services, and what makes Lightolier one of the most specified companies in the market, visit www.lightolier.com or call 508-679-8131.

Circle no. 5

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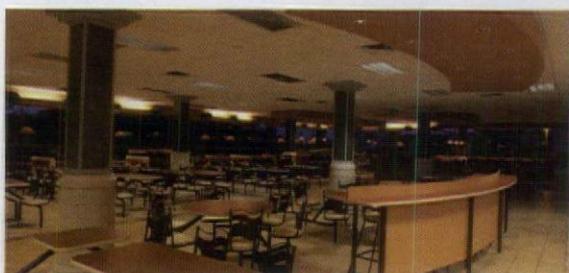
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Top 30 Manufacturers



Lutron Electronics Co., Inc.

Industry Insight
Lutron Electronics Co., Inc. is the world's leading designer and manufacturer of lighting controls, architectural lighting control systems and shading solutions for residential, commercial and institutional applications.

EcoSystem from Lutron is a revolutionary fluorescent lighting control system that integrates personal control, daylight sensing and occupancy sensing with a network of digitally addressable dimming ballasts. The easy-to-install and easy-to-use system cuts the energy usage of a building dramatically and gives users an unprecedented level of control over the lighting within a space.

From a single fixture, to an entire office, to a full campus of buildings, Lutron's EcoSystem products bring substantial energy savings. EcoSystem facilitates increased productivity and provides a green solution for complying with building codes and guidelines. With EcoSystem, fluorescent lighting control is now easy to design, easy to install and easy to maintain.

The infinitely reconfigurable EcoSystem ballasts and bus supplies remember preset programming, so units can be replaced and don't need to be readdressed.

The sensors and controls are free from interfaces and power packs, providing a convenient solution for managing the lighting needs of commercial facilities.

EcoSystem In Action

To revitalize its inefficient 25-year-old lighting system, Georgian College installed EcoSystem with virtually no disruption to daily activities. The new lighting system is flexible enough to adapt to the school's evolving needs, and is much more economical. Most importantly, it provides improved lighting for the students, faculty and staff. Using the network of EcoSystem ballasts, daylight sensors, occupancy sensors and in-wall controls, the school reduced the number of lighting fixtures on campus by 30 percent. It now manages natural and electric light effectively, and is saving over 70 percent in energy costs.

For more information on Lutron's full line of lighting products call 1-866-898-3615 or visit www.ecosystemlightcontrol.com.

Circle no. 6

Photo Caption: Georgian College installed EcoSystem in seven campus buildings, which reduced the number of fixtures by 30 percent and saved the school \$137,000 on electricity.

Lutron® EcoSystem™ | light control solution

The only fluorescent light control solution that makes it easy to save energy, and gives users complete control of their light in a constantly changing commercial building.



“EcoSystem from Lutron was the only solution that met all the strategic lighting requirements of the Georgian College innovation project.”

Jerry Mobilio, Certified Electrical Technologist, Partner
e-Lumen International Inc., Ontario, Canada

What e-Lumen says about EcoSystem:

Maximum energy savings –

“Daylight harvesting, occupancy sensing and manual control at any time, any location.”

Flexibility –

“We can add, remove or reuse components without major rewiring as requirements change.”

Easy to design and install –

“Design, specification and installation are so simple.”

Every component from one manufacturer –

“Just one point of contact so there is no need to engineer solutions from multiple vendors.”

The technology behind it:

- Every lighting fixture is a connection point for sensors and controls.
- Sensors and controls connect to fixture with low-voltage wires and a PDA-style programmer assigns them to any fixture(s).
- No interfaces, power packs, or power rewiring.
- Class 1 or Class 2 control wiring in any order.
- No need for separate controllers or equipment from multiple manufacturers.

Learn more

at www.ecosystemlightcontrol.com.

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76 ADDRESS LISTINGS
83 CATEGORY DIRECTORY

83 BALLASTS
83 COMPONENTS
83 CONTROLS
84 INDOOR LUMINAIRES
86 DECORATIVE
88 LIGHT SOURCES
90 OTHER
91 OUTDOOR LUMINAIRES

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elettrausa.com

Elk Lighting
Tel: 800-613-3261
elklighting.com

Elliptipar
Tel: 203-931-4455
elliptipar.com

ElSCO Lighting Products
Tel: 905-673-2535
elscolighting.com

Elumina Technology
Tel: 88-6225-174870
eluminattech.com

Emergi-Lite
Tel: 866-857-5711
emergilite.com

EncapSulite International
Tel: 877-227-8756
encapsulite.com

Encelium Technologies
Tel: 267-286-0336
encelium.com

Energetic Lighting
Tel: 866-492-6566
energeticlighting.com

Energie Lighting
Tel: 720-963-8055
energieighting.com

Engelitte Lighting
Tel: 416-504-5483
engelitte.com

E.L.P.
Tel: 626-579-0943
elplighting.com

enLux Lighting
Tel: 866-365-8453
enluxled.com

Entertainment Technology
Tel: 214-647-7880
etdimming.com

Entourage LA
Tel: 310-656-0499
entouragela.com

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Tel: 818-865-8111
enveldesign.com

Envisionlight
Tel: 866-80-VISION
envisionlight.com

Epoch Enterprise
Tel: 85-2318-46129
epochlighting.com

ERCO Lighting
Tel: 877-ERCOLTG
erco.com

Erin Adams Design
Tel: 505-352-1016
erinadamsdesign.com

Erke USA
Tel: 561-829-8548
erkeusa.com

Esco Lighting
Tel: 773-427-7000
escolighting.com

eStar Lighting
Tel: 321-768-7878
estarlighting.com

Estiluz
Tel: 201-641-1997
estiluz.com; blauet.com

ETC Electronic Theatre Controls
Tel: 800-688-4116
etcconnect.com

ETC Architectural
Tel: 800-688-4116
etcarchitectural.com

Eureka Lighting
Tel: 514-385-3515
eurekaighting.com

Eurofas
Tel: 800-660-5391
eurofase.com

EUTRAC
Tel: 845-691-9030

Evenlite
Tel: 800-872-0879
evenlite.com

Eventscape
Tel: 416-231-8855
eventscape.net

Evergreen Lighting
Tel: 800-742-1170
evergreenlighting.com

Everlite
Tel: 866-895-9172
everlite.us

Exciting Lighting
Tel: 415-332-0168
pam-morris-designs.com

Exhibit and Display Truss
Tel: 905-509-0331
exhibitanddisplaytruss.com

Exitronix
Tel: 800-533-3948
exitronix.com

EYE Lighting International of North America
Tel: 888-665-2677
eyelighting.com

Fabbian USA
Tel: 718-204-6076
fabbian.com

Fabulux
Tel: 718-625-7661
Fabulux.com

FAD Lighting/ Delta Light USA
Tel: 954-677-9800
fadlighting.com; deltalight.us

Fail-Safe/Cooper Lighting
Tel: 770-486-4800
falsafe-lighting.com

FarLight
Tel: 310-830-0181
farlight.com

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Tel: 800-900-1730
fclighting.com

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Tel: 800-543-3348
feit.com

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iceforge.com

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Tel: 563-245-3515
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Firefly Lighting
Tel: 877-634-7335
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Firefly Technology
Tel: 770-980-9075
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1st Source Lighting
Tel: 530-887-1110
1stsourcelight.com

555 Design Fabrication Div. of 555 International
Tel: 773-869-0555
555.com

Fleurs d'Allumage
Tel: 800-669-8268
fleursdallumage.com

Flos USA
Tel: 800-939-3567
flos.com

Flux
Tel: 206-282-3023
fluxlights.com

Focal Point
Tel: 773-247-9494
focalpointlights.com

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Focus Industries
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focusindustries.com

Foresight Lighting
Tel: 866-595-7177
foresightlighting.com

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Tel: 44-0122-9580000
forge-europa.uk

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formedplastics.com

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Tel: 800-451-0410
forms-surfaces.com

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Tel: 800-297-9719
fourteenthcolonylighting.com

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Tel: 215-425-7280
foxelectricsupply.com

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Tel: 39-0473-550290
frankie.bz

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friedmanbrosmirrors.com

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Tel: 800-255-8990
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Tel: 800-238-5426
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Tel: 888-574-7014
fullspectrumssolutions.com

Future Wave Technologies
Tel: 508-460-3300
fwsolutions.com

FX Luminaire
Tel: 858-535-8000
fxl.com

G Lighting
Tel: 800-331-2425
glighting.com

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Tel: 877-858-5333
g2art.com

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galbraithandpaul.com

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Tel: 909-599-9669
gammalux.com

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gamonline.com

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sitelighting.com

Garden Light
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landscape-lighting.com

Gaslite America West
Tel: 800-514-6755
gaslights.com

GBL LED Lighting
Tel: 614-216-0448
gbl-led.com

GE Consumer & Industrial
Tel: 800-GELAMPS
gelighting.com

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gilbert.com

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ginger.com, motiv.us

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Ideal Electric Mfg. Tel: 204-582-2388 ideal-lighting.com	IOTA Engineering Tel: 800-866-4682 iotaengineering.com	Kalco Lighting Tel: 800-525-2655 kalcom	L.C. Doane Company Tel: 860-767-8295 lcoane.com	Leviton Tel: 800-323-8920 leviton.com	Lightspan Illumination Design Tel: 510-663-9500 lightspann.com
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Interlectric Corporation Tel: 800-722-2184 interlectric.com	Journee Lighting Tel: 800-886-1880 journeelighting.com		LEE Filters Tel: 800-576-5055 leefiltersusa.com		

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louversintl.com

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greenleelighting.com

LSI Industries
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lsi-industries.com

Lt. Moses Willard
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Lumetrix Corp
Tel: 613-729-0614
lumetrix.com/products.html

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lcl-lighting.com

Luminvision
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Tel: 818-764-5615
modalighting.com

Modular International
Tel: 412-734-9000
modularinternational.com

Modulightor
Tel: 212-371-0336
modulightor.com

Mole-Richardson
Tel: 323-851-0111
mole.com

Moon Shine Lamp and Shade
Tel: 830-935-2350
moonshinestades.com

Moonlight Tiffanias
Tel: 586-530-5375
moonlighttiffanias.com

Morrison Lighting
Tel: 415-883-2362
morrisonlighting.com

Mule Lighting
Tel: 800-556-7690
mulighting.com

Murray Feiss Import
Tel: 800-969-3347
feiss.com

MWS Modular Wiring
Systems/Cooper Lighting
Tel: 770-486-4800
mws-lighting.com

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nathanallan.com

National Specialty Lighting
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nslusa.com

Navitar
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navitar.com

Nemco Architectural Lighting
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newmatusa.com

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newstarlighting.com

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nicolaudieamerica.com

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members.shaw.ca/sagelighting

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quasar.nl

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quoizel.com

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selux.com/usa

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solatube.com

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rabweb.com

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rogerscorporation.com

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starfirelighting.com

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plcmultipoint.com

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rm-f.com

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romanfountains.com

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valmontstructures.com
- Vantage Luminaires
Tel: 800-564-4512
vantagetg.com
- Velux America
Tel: 800-888-3589
veluxusa.com
- Venture Lighting International
Tel: 800-451-2606
venturelighting.com
- Verilux
Tel: 800-786-6850
verilux.net
- Versailles Lighting
Tel: 888-564-0240
versailleslighting.com
- Vertex Lighting
Tel: 877-996-0123
leignet
- VGK Lighting
Tel: 888-612-4181
vgklighting.com
- Viabizzuno
Tel: 39-0518-908011
viabizzuno.com
- Vibia
Tel: 800-330-3231
vibialight.com
- Victor Illuminating
Tel: 800-982-6162
victorilluminating.net
- Viewpoint Electronics
Tel: 317-590-0700
viewpointelectronics.com
- Vintage Hardware
Tel: 360-379-9030
vintagehardware.com
- Virginia Metalcrafters
Tel: 800-368-1002
virginiametalcrafters.com
- Virginia Optoelectronics
Tel: 540-449-9658
vaopto.com
- Visa Lighting
Tel: 800-788-VISA
visalighting.com
- Visio Lighting by Beacon Products
Tel: 941-755-6694
visiolighting.com
- Vision Landscape Lighting
Tel: 612-388-6349
visionlandscapelighting.com
- Vision3 Lighting
Tel: 559-834-5749
vision3lighting.com
- Visionaire Lighting
Tel: 877-977-5483
visionairelighting.com
- Visioneering
Tel: 416-245-7991
viscor.com
- Visia Professional Outdoor Lighting
Tel: 800-766-6478
vistapro.com
- Visual Lighting Technologies
Tel: 949-581-9398
visual-lighting.com
- Visual Products and Sales
Tel: 910-846-2034
visualproductsandsales.com
- Vossloh-Schwabe
Tel: 888-427-6628
vossloh-schwabe.com
- W**
W.A.C. Lighting
Tel: 800-526-2588
wacighting.com
- Wago Corporation
Tel: 800-DIN-RAIL
wago.us
- Waldmann Lighting
Tel: 800-634-0007
waldmannlighting.com
- Watt Stopper/Legrand
Tel: 800-879-8585
wattstopper.com
- Watt-Man LED Lighting
Tel: 800-296-3948
wattmanlamp.com
- We-ef Lighting USA
Tel: 412-749-1600
we-ef.com
- Westinghouse Lighting Corp.
Tel: 800-999-2226
westinghouselighting.com
- Wever & Ducre
Tel: 803-396-1439
wever-ducre.com
- WF Harris Lighting
Tel: 800-842-9345
wharrislighting.com
- Wide-Lite
Tel: 800-235-2314
wide-lite.com
- Wildfire
Tel: 800-937-8065
wildfirefx.com
- Wildwood Lamps & Accents
Tel: 252-446-3266
wildwoodlamps.com
- Wilshire Mfg.
Tel: 800-443-4695
wilshiremfg.com
- Winona Lighting
Tel: 800-328-5291
winonalighting.com
- Wunderley
Tel: 724-850-9616
wunderley.com
- Wybron
Tel: 800-624-0146
wybron.com
- X**
Xenon Architectural Lighting
Tel: 212-343-8100
xal.com
- Xenon
Tel: 800-878-3594
xenon.com
- Xilver B.V.
Tel: 31-0434-085100
xilver.nl
- Y**
Yamagiwa USA
Tel: 888-879-8611
yamagiwausa.com
- Z**
Zaneen Lighting
Tel: 800-388-3382
zaneen.com
- Zelco Industries
Tel: 800-431-2486
zelco.com
- Zhenjiang Welkin Electronics
Tel: 86-5118-886348
welkin.net.cn
- Zia-Priven Design
Tel: 718-398-6777
ziapriven.com
- Zumtobel Lighting
Tel: 800-448-4131
zumtobel.us

CATEGORY DIRECTORY

BALLASTS

COMPACT FLUORESCENT

A.L.P. Lighting Components
AC Electronics
Advance
Aero-Tech Light Bulb
AH Lighting
Aqua Creations USA
B+L Technologies
Bultronics
CE Lighting of North America
Christopher Lighting
CS Lighting
Dabmar Lighting
EBW Electronics
Energetic Lighting
Fulham
Full Spectrum Solutions
Future Wave Technologies
Glucksman Lighting Products
Gressman Supply
Hatch Transformers
Haworth
Howard Industries
Humanscale
Inter-Global
Jesco Lighting Group
Jadian Lighting
Light Craft
Light Sources
Lighting & Electronic Design
Lightoller Controls
LightShope.com
Lightspan Illumination Design
Lutron Electronics
Miller OEM Supplies
Niagara Conservation
Nite Lites
Northwest Lighting Systems
Nutech Lighting
Osram Sylvania
Pacific Lighting & Electrical
Philips Lighting (Canada)
PowerSelect
Primelite Manufacturing
Quality Sourcing Services
Radionic Hi-Tech/Radionic Industries
Robertson Worldwide
Sage Lighting
Schoolhouse Electric
Sexton Lighting
Sirius
Starfield Controls
Sunlite Mfg.
Sunpark Electronics
Technical Consumer Products
TechniLite Systems
Thin-Lite
TMS Lighting
Topaz Lighting
Troy-CSL Lighting
Tungda Electrical & Lighting
Ultrasave Lighting
Universal Lighting Technologies
Uspar Enterprises
Vossloh-Schwabe

EMERGENCY

A.L.P. Lighting Components
Advance
AstraLite
Bultronics
Cooper Lighting
Deco Lighting
E-Lite Technologies
Emergi-Lite
Eventite
Extronix
Forge Europa
Fulham
Highlites
Hubbell Lighting
IEPC
Invue Lighting Systems
IOTA Engineering
LEDtronics
Lendar Design
LightAlarms
LightBulbDistributor.com
Lightworld.com
Lumark/Cooper Lighting
McGraw-Edison/Cooper Lighting
Mule Lighting
Nutech Lighting
Office Electronic Lighting
Portfolio/Cooper Lighting
Regency Lighting
Side-Lite
Siltiron Emergency Systems
Sirius
Sunlite Mfg.
Sure-Lites/Cooper Lighting
The Bodine Company
Topaz Lighting

FLUORESCENT

A.L.P. Lighting Components
AC Electronics
Advance
AH Lighting
Antares Enterprises
Ark Lighting
Axis Technologies
B+L Technologies
Barbizon Electric
Bultronics
Christopher Lighting
Dabmar Lighting
EasyLite Integrated Lighting Systems
EBW Electronics
Energetic Lighting
Envisionlight
FAD Lighting/Delta Light USA
Fulham
Full Spectrum Solutions
Future Wave Technologies
GE Consumer & Industrial
Glucksman Lighting Products
Gressman Supply
Halco Lighting
Howard Industries
IEPC
Inter-Global
Interlectric Corporation
Jadian Lighting
JRL WorldWide
Justice Design Group
Kichler Lighting Group
KW2 Lighting Products
Light Craft Mfg.
Light Sources
LightBulbDistributor.com
Lightoller Controls
LightShope.com
Lightspan Illumination Design
Lite Tech
Litehouse
Lutron Electronics
Miller OEM Supplies
Niagara Conservation
Northwest Lighting Systems
Nutech Lighting
Osram Sylvania
Pacific Lighting & Electrical
Philips Lighting (Canada)
Pompeian Manufacturing
PowerSelect
Radionic Hi-Tech/Radionic Industries
Regency Lighting
Robertson Worldwide
Sage Lighting
Sexton Lighting
Sirius
SPI Systems
Starfield Controls
Sternberg Lighting
Sunlite Mfg.
Sunpark Electronics
Technical Consumer Products
TechniLite Systems
The Designers Edge
Thin-Lite
TMS Lighting
Topaz Lighting
Tubular Skylight
Tungda Electrical & Lighting
Ultrasave Lighting
Universal Lighting Technologies
Uspar Enterprises
Vossloh-Schwabe
Zhenjiang Walkin Electronics

HIGH-PRESSURE SODIUM

Advance
Aero-Tech Light Bulb Company
Ark Lighting
Consult Lighting
Dabmar Lighting
Envisionlight
EYE Lighting International of North America
Future Wave Technologies
Halco Lighting
Hanovia UV
Hatch Transformers
Holophane
Howard Industries
IEPC
Interlectric Corporation
Intermatic
Jesco Lighting Group
Kichler Lighting Group
Lendar Design
Lightech Electronics North America
Lite Tech
Lumatech Lighting
Miller OEM Supplies
Nite Lites
Northwest Lighting Systems
Nutech Lighting
Osram Sylvania
Pacific Lighting & Electrical
Philips Lighting (Canada)
Pompeian Manufacturing
PowerSelect
Primelite Manufacturing
Robertson Worldwide
Sage Lighting
Sexton Lighting
Sirius
Special Lite Products
Spero Electric
Strong Entertainment Lighting
Sunlite Mfg.
Sunpark Electronics
Sequoia Lighting

Sexton Lighting
Special Lite Products
Sternberg Lighting
Sunlite Mfg.
The Designers Edge
Thomas Research Products
Topaz Lighting
Ultrasave Lighting
Venture Lighting International
Vossloh-Schwabe

LOW-PRESSURE SODIUM

Advance
AH Lighting
Envisionlight
Future Wave Technologies
IEPC
Kichler Lighting Group
Lendar Design
Miller OEM Supplies
Northwest Lighting Systems
Ora Lighting
Philips Lighting (Canada)
Robertson Worldwide
Sexton Lighting
Specialty Lighting
Spero Electric
Sunlite Mfg.
Thin-Lite
Ultrasave Lighting

MERCURY

Advance
AH Lighting
Brandon Industries
EYE Lighting International of North America
Future Wave Technologies
Gressman Supply
Hanovia UV
Holophane
IEPC
Intermatic
Kichler Lighting Group
Lendar Design
Light Sources
Miller OEM Supplies
Northwest Lighting Systems
Osram Sylvania
Pacific Lighting & Electrical
Philips Lighting (Canada)
Robertson Worldwide
Sexton Lighting
Sunlite Mfg.
The Designers Edge
Topaz Lighting
Ultrasave Lighting

METAL HALIDE

AC Electronics
Advance
Aero-Tech Light Bulb Company
AH Lighting
Ark Lighting
BEST Lights
Brandon Industries
Consult Lighting
Dabmar Lighting
Dynamic Ballast
EYE Lighting International of North America
Fulham
Future Wave Technologies
Halco Lighting
Hanovia UV
Hatch Transformers
Holophane
Howard Industries
IEPC
Interlectric Corporation
Intermatic
Jesco Lighting Group
Kichler Lighting Group
Lendar Design
Lightech Electronics North America
Lite Tech
Lumatech Lighting
Miller OEM Supplies
Nite Lites
Northwest Lighting Systems
Nutech Lighting
Osram Sylvania
Pacific Lighting & Electrical
Philips Lighting (Canada)
Pompeian Manufacturing
PowerSelect
Primelite Manufacturing
Robertson Worldwide
Sage Lighting
Sexton Lighting
Sirius
Special Lite Products
Spero Electric
Strong Entertainment Lighting
Sunlite Mfg.
Sunpark Electronics

Thomas Research Products
Times Square Lighting
TMS Lighting
Topaz Lighting
Ultrasave Lighting
Universal Lighting Technologies
Venture Lighting International
Vossloh-Schwabe
W.A.C. Lighting

COMPONENTS

LED DRIVERS

Action Lighting
Altman Lighting
American Lighting
ATG Electronics
B+L Technologies
Bis Bis
Christopher Lighting
Delta Light
Duralight Lighting Technologies
Ora Lighting
Envisionlight
FC Lighting
Fulham
GBL LED Lighting
Gemini One Five Luminaires
Glass Plus Glass
Heatron
Holophane
Illumination Management Solutions
Independent Testing Laboratories
Inspired Sales
Inter-Global
Khatod Optoelectronic
Khatod Optoelectronic Spa
Kichler Lighting Group
Kingbright
Lamina Ceramics
Lancaster Glass
Ledalite Architectural Products
LEE Filters
Legion Lighting
LexaLite International
Light Ideas International
Lighting Components (LICONA)
Louie Lighting
Louvers International
Metonic
Mironix
NiteLites Franchise Systems
Ocean Optics
Optikinetics
Opto Technology
OSRAM Opto Semiconductors
Paraflex Lighting
Philip Goldin Associates
Phoebus Manufacturing
Plaskolite
Racine Metal-Fab
Reflective Concepts
RLR Industries
Rosco Laboratories
Scientific Lighting Products
Solar Light Company
Spectrum Lighting
Spectrus
Sterling Products
Sunpark Electronics
UltraGlas
Universal Fibre Optics
Vision3 Lighting

LOW-VOLTAGE TRANSFORMERS

Action Lighting
Advance
American Lighting
ATG Electronics
B+L Technologies
Basler Electric Company
Brownsburg Electronix
Cal Lighting
Christopher Lighting
Dabmar Lighting
Duralight Lighting Technologies
Envisionlight
Fulham
FX Luminaire
Garden Light
Gemini One Five Luminaires
Glucksman Lighting Products
Hamstead Lighting & Accessories
Hatch Transformers
Hunza Lighting USA
Imex Industrial
Innovative Lighting
Intermatic
Jesco Lighting Group
Justin
Kichler Lighting Group
Light Ideas International
Lightech Electronics North America
Lighting & Electronic Design
Liteco Sales
Louie Lighting
Miller OEM Supplies
National Specialty Lighting
Nightscape By Lorain
Nite Lites
NiteLites Franchise Systems
O'Ryan Industries
Ora Lighting
Office Electronic Lighting
Philips Lighting (Canada)
PowerSelect
Q-Tran
RSL Landscape Lighting
Sabco Industries
Semper Fi Power Supply
Smart Industries
Special Lite Products
Step 1 Design
Sunlite Mfg.
Sunpark Electronics
Targett North America
TerraDek Lighting
Times Square Lighting
Topaz Lighting
Trusco International
Unique Lighting Systems
Vision Landscape Lighting
W.A.C. Lighting
Category: Optical Parts

A.L.P. Lighting Components
ABET Laminal
Action Lighting
Alanod
Altugas International
American Lighting
Anderson Glass
APM Hexseal
Apollo Design Technology
Architectural Energy
BJB Electric L.P.
Brandon Industries
Crownlite Mfg.
CYRO Industries/Degussa
Delta Light
Dialight Corporation
Diversified Lighting Diffusers
Elumina Technology
Filtrona Extrusion
Forge Europa
Formed Plastics
GAMProducts
Gray Glass
Gressman Supply
Hadco
Heatron
Holophane
Illumination Management Solutions
Independent Testing Laboratories
Inspired Sales
Inter-Global
Khatod Optoelectronic
Khatod Optoelectronic Spa
Kichler Lighting Group
Kingbright
Lamina Ceramics
Lancaster Glass
Ledalite Architectural Products
LEE Filters
Legion Lighting
LexaLite International
Light Ideas International
Lighting Components (LICONA)
Louie Lighting
Louvers International
Metonic
Mironix
NiteLites Franchise Systems
Ocean Optics
Optikinetics
Opto Technology
OSRAM Opto Semiconductors
Paraflex Lighting
Philip Goldin Associates
Phoebus Manufacturing
Plaskolite
Racine Metal-Fab
Reflective Concepts
RLR Industries
Rosco Laboratories
Scientific Lighting Products
Solar Light Company
Spectrum Lighting
Spectrus
Sterling Products
Sunpark Electronics
UltraGlas
Universal Fibre Optics
Vision3 Lighting

POLES & MOUNTING DEVICES

Action Lighting
American Lighting
Anchor Lighting
Arakawa Hanging Systems Int.
BEGA/US
Bieber Lighting
Boston Retail
Brandon Industries
California Tool & Die
Consult Lighting
Cooper Lighting
Deco Lighting
Exhibit and Display Truss
Gaslite America West
Hadco
Hanover Lantern
Hapco Pole Products
Hevi Lite
Holophane
Hunza Lighting USA
Imex Industrial
Invue Lighting Systems
J.H. Baxter Timberwood Products
James Thomas Engineering
Khatod Optoelectronic
Kichler Lighting Group
Kim Lighting
Lawrence Metal Products
LED Effects
Ledalite Architectural Products
Lehigh Electric Products
Lendar Design
Laprecon
Leviton
Lighting Control & Design
Lightoller
Lightotics
LiteTouch
Louie Lighting
Lumatech Lighting
Lumiere/Cooper Lighting
Lumiron
Lutron Electronics
Marlin Controls

Millerbernd Mfg.
Moon Shine Lamp and Shade
NiteLites Franchise Systems
One Step Lighting
Optikinetics
Passport Furniture
Peerless Industries
Pemco Lighting Products
Pendant Systems
Peter Albrecht Company
Phoebus Manufacturing
Primelite Manufacturing
Robinson Iron
Rood Lighting
Ryther-Purdy Lumber
Sentry Electric
Sequoia Lighting
SNOC
Special Lite Products
Spero Electric
Spring City Electrical Mfg.
Stabilus
Sternberg Lighting
Sternier Lighting
TMS Lighting
Tomcat USA
Tubular Skylight
US Architectural Lighting/Sun Valley Lighting
Valmont Industries
Vintage Hardware
Vision3 Lighting
Visionaire Lighting
Wide-Lite

CONTROLS

CONTROL SYSTEMS

Action Lighting
Advanced Control Technologies
Alcom McBride
ALM (Architectural Lighting Management)
American Lighting
AMWEI Thermistor
AMX
ATG Electronics
Aube Technologies
Audio Visual Innovations
Axcess Industries
Barbizon Electric
Bright Image Corporation
Centralite Systems
Chauvet
Color Kinetics
Colorado vNet
Cooper Lighting
Crestron Electronics
Crucial Power Products
Daslight America
Design Elements
Doug Fleenor Design
Douglas Lighting Controls
Dove Lighting Systems
DynaLite
E-Lite Technologies
EasyLite Integrated Lighting Systems
Echelon
Electronics Diversified (EDI)
EncapSuite International
Enculium Technologies
Entertainment Technology
eStar Lighting
ETC (Electronic Theatre Controls)
ETC Architectural
EUTRAC
Future Wave Technologies
Gaslite America West
Gobbsmak Design
Grasslin Controls
GSD Productions
Holophane
Home Automation Inc. (HA)
Hubbell Building Automation
Hunt Dimming
IEPC
ILC - Intelligent Lighting Controls
iLight
Intermatic
Lawrence Metal Products
LED Effects
Ledalite Architectural Products
Lehigh Electric Products
Lendar Design
Laprecon
Leviton
Lighting Control & Design
Lightoller
Lightotics
LiteTouch
Louie Lighting
Lumatech Lighting
Lumiere/Cooper Lighting
Lumiron
Lutron Electronics
Marlin Controls

MechoShade Systems
Metrolight
NexLight
Nicolaudio America
NiteLites Franchise Systems
Office Electronic Lighting
PCI Lighting Control Systems
PLC Multipoint
RSL Landscape Lighting
Sexton Lighting
Special-T Lighting
SPI Systems
Starfield Controls
TAC
Targetti North America
Tazz Lighting
Techni-Lux
The Bodine Company
Theatrical Lighting Systems
Thomas Research Products
Times Square Lighting
Touch-Plate Lighting Controls
Viewpoint Electronics
Virginia Optoelectronics
Vision Landscape Lighting
Visual Products and Sales
Wago Corporation
Watt Stopper/Legrand
Wide-Lite
Wybron

DIMMERS

Action Lighting
Advanced Control Technologies
ALM (Architectural Lighting Management)
American Lighting
AMX
Audio Visual Innovations
Axis Technologies
Barbizon Electric
Bright Image Corporation
C.H. Briggs
Centralite Systems
Chauvet
Colorado vNet
Cooper Lighting
Crestron Electronics
Delta Light
Doug Fleener Design
Douglas Lighting Controls
Dove Lighting Systems
Dynamite
E-Lite Technologies
EasyLife Integrated Lighting Systems
Echelon
Electronics Diversified (EDI)
Elumina Technology
EncapSulte International
Entertainment Technology
ERCO Lighting
eStar Lighting
ETC (Electronic Theatre Controls)
ETC Architectural
Fox Electric Supply
Gaslite America West
Glucksman Lighting Products
Gobbsmak Design
Group One Ltd.
GSD Productions
Holophone
Home Automation Inc. (HAI)
Hunt Dimming
IEPC
iLight
Intermatic
LED Effects
Lehigh Electric Products
Leprecon
Leviton
LightBulbDistributor.com
Lighting Control & Design
Lightolier
Lightolier Controls
Lightronics
Liteco Sales
LiteTouch
Louie Lighting
Lumatech Lighting
Lumiere/Cooper Lighting
Lumiron
Lutron Electronics
Marlin Controls
McGraw-Edison/Cooper Lighting
Midwest Warehouse
Miller OEM Supplies
New Grand Light
NexLight
NiteLites Franchise Systems
Nutech Lighting
Ora Lighting
Packaged Lighting Systems
PCI Lighting Control Systems
PLC Multipoint
Pompeian Manufacturing
RAB Lighting
Regency Lighting
Sexton Lighting
Specialty Lighting
SPI Systems
Starfield Controls
Step 1 Designs
Superior Electric

Targetti North America
Techni-Lux
Theatrical Lighting Systems
Times Square Lighting
Touch-Plate Lighting Controls
Tubular Skylight
Universal Lighting Technologies
W.A.C. Lighting
Watt Stopper/Legrand

SENSORS

Action Lighting
Advanced Control Technologies
American Lighting
AMWEI Thermistor
AMX
Audio Visual Innovations
Axis Technologies
Axess Industries
Brandon Industries
Bright Image Corporation
Douglas Lighting Controls
Dynamite
E-Lite Technologies
EasyLife Integrated Lighting Systems
Echelon
Electronics Diversified (EDI)
EncapSulte International
ETC (Electronic Theatre Controls)
Gobbsmak Design
Grasslin Controls
Heath/Zenith
Home Automation Inc. (HAI)
Hubbell Building Automation
Hunt Dimming
IEPC
ILC - Intelligent Lighting Controls
iLight
Intermatic
Kingbright
LedaLite Architectural Products
Lendar Design
Leviton
Lighting Control & Design
Lightolier Controls
Louie Lighting
Lumiron
Lutron Electronics
NexLight
NiteLites Franchise Systems
Novitas by Cooper Wiring Devices
Office Electronic Lighting
PCI Lighting Control Systems
PLC Multipoint
RAB Lighting
Sexton Lighting
Smart Industries
Special Lite Products
Spero Electric
SPI Systems
Starfield Controls
Steinel
Step 1 Designs
TAC
Thomas Research Products
Touch-Plate Lighting Controls
Tubular Skylight
Viewpoint Electronics
Wago Corporation
Watt Stopper/Legrand
Wide-Lite

DIMMERS

Action Lighting
Advanced Control Technologies
ALM (Architectural Lighting Management)
American Lighting
AMX
Audio Visual Innovations
Axis Technologies
Barbizon Electric
Bright Image Corporation
C.H. Briggs
Centralite Systems
Chauvet
Colorado vNet
Cooper Lighting
Crestron Electronics
Delta Light
Doug Fleener Design
Douglas Lighting Controls
Dove Lighting Systems
Dynamite
E-Lite Technologies
EasyLife Integrated Lighting Systems
Echelon
Electronics Diversified (EDI)
Elumina Technology
EncapSulte International
Entertainment Technology
ERCO Lighting
eStar Lighting
ETC (Electronic Theatre Controls)
ETC Architectural
Fox Electric Supply
Gaslite America West
Glucksman Lighting Products
Gobbsmak Design
Group One Ltd.
GSD Productions
Holophone
Home Automation Inc. (HAI)
Hunt Dimming
IEPC
iLight
Intermatic
LED Effects
Lehigh Electric Products
Leprecon
Leviton
LightBulbDistributor.com
Lighting Control & Design
Lightolier
Lightolier Controls
Lightronics
Liteco Sales
LiteTouch
Louie Lighting
Lumatech Lighting
Lumiere/Cooper Lighting
Lumiron
Lutron Electronics
Marlin Controls
McGraw-Edison/Cooper Lighting
Midwest Warehouse
Miller OEM Supplies
New Grand Light
NexLight
NiteLites Franchise Systems
Nutech Lighting
Ora Lighting
Packaged Lighting Systems
PCI Lighting Control Systems
PLC Multipoint
Pompeian Manufacturing
RAB Lighting
Regency Lighting
Sexton Lighting
Specialty Lighting
SPI Systems
Starfield Controls
Step 1 Designs
Superior Electric

SWITCHES

Action Lighting
Advanced Control Technologies
Air King/Lasko Metal Products
Alexander-John, division of John-Richard
ALM (Architectural Lighting Management)
AMWEI Thermistor
AMX
Aube Technologies
Audio Visual Innovations
Axess Industries
BJB Electric L.P.
Bright Image Corporation
C.H. Briggs
Centralite Systems
Colorado vNet
Del City
Douglas Lighting Controls
Dynamite
E-Lite Technologies
Echelon
Electronics Diversified (EDI)
EncapSulte International
ETC (Electronic Theatre Controls)
ETC Architectural
Fox Electric Supply
Glucksman Lighting Products
Gobbsmak Design
Grasslin Controls
Heath/Zenith
Home Automation Inc. (HAI)
Hubbell Building Automation
Hunt Dimming
IEPC
ILC - Intelligent Lighting Controls
iLight
Imex Industrial
Intermatic

International Light Technologies
LED Effects
Lendar Design
Leviton
Lighting Control & Design
Lightolier Controls
LiteTouch
Louie Lighting
Lutron Electronics
Midwest Warehouse
NexLight
NiteLites Franchise Systems
Novitas by Cooper Wiring Devices
Parkdale Products
PCI Lighting Control Systems
PLC Multipoint
RAB Lighting
Sexton Lighting
Signal-Tech
Specialty Lighting
Spero Electric
SPI Systems
Steinel
Step 1 Designs
Thomas Research Products
Touch-Plate Lighting Controls
Touchstone Accent Lighting
Unique Lighting Systems
Wago Corporation
Watt Stopper/Legrand
Wide-Lite
Zhenjiang Welkin Electronics

TIMERS

Action Lighting
Advanced Control Technologies
Air King/Lasko Metal Products
American Lighting
AMX
Aube Technologies
Audio Visual Innovations
Bright Image Corporation
Chauvet
Douglas Lighting Controls
Dynamite
E-Lite Technologies
Echelon
Emergi-Lite
EncapSulte International
eStar Lighting
Gaslite America West
Gobbsmak Design
Grasslin Controls
Hadco
Home Automation Inc. (HAI)
Hubbell Building Automation
Hunt Dimming
IEPC
ILC - Intelligent Lighting Controls
iLight
Intermatic
LED Effects
Lendar Design
Leviton
LiteTouch
Louie Lighting
Marlin Controls
NexLight
NiteLites Franchise Systems
Novitas by Cooper Wiring Devices
PCI Lighting Control Systems
PLC Multipoint
Smart Industries
Step 1 Designs
Sunpark Electronics
Super Vision International
Sylvan Designs
Talisman Glass
Tango Lighting
Targetti North America
TEKA Illumination
The Brighton Collection
Thomas Contract Lighting
Thomas Lighting Canada
Vantage Luminaires
Vintage Hardware
Vision3 Lighting
Visual Lighting Technologies
Watt-Man LED Lighting
WF Harris Lighting
Wide-Lite
Winona Lighting
Xenon Architectural Lighting

INDOOR LUMINAIRES AISLE/STEP

Aadoro
ACDC Lighting Systems
Action Lighting
AlbEO Technologies
Alexander-John, division of John-Richard
Alico Industries
American Lighting
American Permalight
Authentic Designs Colonial & Early
American Lighting
BEGA/US
Belfer Group - Belfer / Radiant / EuroLiteUSA
Bethel International
Bis Bis
BK Lighting
BL Innovative Lighting
CeeLite
Celestial Lighting
Cooper Lighting
Custom Lighting
d'ac Lighting
Day-O-Lite Manufacturing
Dialight Corporation
Dreamscape Lighting

Duray Fluorescent
E-Lite Technologies
Eloco Lighting
EncapSulte International
Engineered Lighting Products
eStar Lighting
FarLight
FC Lighting
Forge Europa
GBL LED Lighting
Gemini One Five Luminaires
Gobbsmak Design
Guang Zhou Ouchi Trading
Holtkoetter International
Idaho Wood
IEPC
Illuminating Experiences/Nemo
Illumivision
Intense Lighting
Invue Lighting Systems
IO Lighting
Johnsonite
Kenall Lighting
Khatod Optoelectronic
Kichler Lighting Group
Kirlin Company
LightBulbDistributor.com
Lighting & Electronic Design
Lightology
Lion Industries
Liton Lighting
Los Angeles Lighting
Louie Lighting
Louis Poulsen Lighting
Luceplan USA
Lucifer Lighting
Lumid
Lumiere/Cooper Lighting
Lumigraf
Lumiron
Lumux Lighting
Magic Lite
Merlin Lighting
Michael Webb
Mills Architectural Lighting
Milnax Designer Lights
Modular International
National Specialty Lighting
Nessen Lighting
Nior
Nora Lighting
North Star/Thorn Lighting
OptiLED Technology
OSRAM Opto Semiconductors
Packaged Lighting Systems
Passport Furniture
Pathway Lighting Products
Pegasus Associates Lighting
Phoenix Products Company
Prescolite
Prisma Architectural Lighting
Progress Lighting
Prolume
Renoma Lighting
Roberts Step-Lite Systems
RSL Landscape Lighting
Ruud Lighting
Security Lighting Systems
Sistemalux
Solavanti Lighting
Space Lighting
Starfire Lighting
Step 1 Designs
Stonco Lighting
Sunpark Electronics
Super Vision International
Sylvan Designs
Talisman Glass
Tango Lighting
Targetti North America
TEKA Illumination
The Brighton Collection
Thomas Contract Lighting
Thomas Lighting Canada
Vantage Luminaires
Vintage Hardware
Vision3 Lighting
Visual Lighting Technologies
Watt-Man LED Lighting
WF Harris Lighting
Wide-Lite
Winona Lighting
Xenon Architectural Lighting

BATH/VANITY

20th Century Lighting
Aadoro
AAMSCO Lighting
ABET Laminati
AC Lighting Design
Accent Kitchen & Bath
Access Lighting
ACDC Lighting Systems
Action Lighting
Adesso
AH Lighting
Alexandra Lighting Systems
Alico Industries
Alicco Lighting
American Fluorescent
American Lightin
American Period Lighting
Anchor Lighting
Arch Lighting Group (ALS),

Davis/Mueller, Rae Lighting)
Architectural Details
Architectural Lighting Works
Art Deco Decor
Art Lighting Gallery
Artcraft Lighting
ATG Electronics
Authentic Designs Colonial & Early
American Lighting
Avanti Lighting
Baccarat
BACI by Remcraft
Badger Lite Company
Baldinger Architectural Lighting
BarDel International
Basic Source, The
Belfer Group - Belfer/Radiant/EuroLiteUSA
Besa Lighting
Bethel International
Bis Bis
Boyd Lighting
Brass Light Gallery
Brodwax Lighting
Brownlee Lighting
Bruck Lighting Systems
Calger Lighting
Candella Lighting
Casella Lighting
CeeLite
Celestial Lighting
Challenger Lighting
Charles Loomis
Cherry Tree Design
Classic Illuminations
Classic Lighting
Columbia Lighting
Conant Custom Brass
Cooper Lighting
Corelite/Cooper Lighting
Craftmade International
CraftsmanOutdoorLighting.com
Craftsmen Hardware
Crownite Mtg
Crystorama Lighting
Custom Lighting
Cyberlux
D'Lights by SPJ Lighting
D.I.G.S.
Dainolite
David Landis Design
Day-Brile Capri Omega
Delux Custom Lighting
Derek Marshall Lighting
Design Elements
Designers Fountain
Dreamscape Lighting
Duray Fluorescent
E-Lite Technologies
Elk Lighting
EncapSulte International
Energie Lighting
Engineered Lighting Products
Epoch Enterprise
eStar Lighting
Estiluz
Eurofase
Evergreen Lighting
Exciting Lighting
Fabulux
Filterna Extrusion
Fire Farm
Firefly Lighting
Fios USA
Flux
Focalor
Foresight Lighting
FSC Lighting
Gemini One Five Luminaires
George King Associates
Ginger - Motiv
Gobbsmak Design
Guang Zhou Ouchi Trading
H. A. Framburg & Co
Haig Lighting
Hallmark Lighting
Halo/Cooper Lighting
Hammerston
Hamstead Lighting
Harold's Fine Home Lighting
Hemera
Hera Lighting
Herbeau Creations of America
Hinckley Lighting
Holtkoetter International
Hubbardton Forge
Hudson Valley Lighting
Idaho Wood
Ideal Electric
IDL - Industry & Design Light
Illuminating Experiences/Nemo
Intense Lighting
International Ironworks
Iris Lighting/Cooper Lighting
ITRE-LuxLuce
J.H. Lighting
J.M.R. Moder Crystal
Chandelier
Jesco Lighting Group
John Boone
Justice Design Group
Kane Shradner
Khatod Optoelectronic
Kichler Lighting Group

Kirlin Company
Kozo Lighting
LaMar Lighting Company
Lancaster Glass
Lantern Masters
Latigo Lights
LBL Lighting
LEDS c/o MLG Contract
Legion Lighting
Leucos USA
Lighting Sculptures
Lightolier
LightShope.com
Lightway Industries
Lion Industries
Litehouse
Liton Lighting
Louie Lighting
Louis Poulsen Lighting
Luceplan USA
Lucid Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumigraf
Lumux Lighting
Luraline
LYX Furniture & Light
Matthews Fan/WPT Design
Maxim Lighting International
Merlin Lighting
Meyda Tiffany
Michael Webb
Milnax Designer Lights
Minka Group (Minka Lavery, Minka Aire, Metropolitan, George Kovacs, Ambience)
Modlighter
Morrison Lighting
Murray Feiss import
Nessen Lighting
New Grand Light
Newt Glass
Nualight
Nulco Lighting
Nutech Lighting
OSRAM Opto Semiconductors
Parkdale Products
Passport Furniture
Paul Decorative Products
Philip Goldin Associates
Phoenix Products Company
Pioneer Lighting
PLC Lighting
Progress Lighting
Prudential Lighting
Rejuvenation
Remains Lighting
Remcraft Lighting Products
Renaissance Contract Lighting & Furnishings
Renoma Lighting
Resolute
Robern
Roy Electric Antique Lighting of NJ
Scangit
Schoolhouse Electric
Scott Lamp/Scott Architectural Lighting
Sea Gull Lighting Products
Shaper Lighting/Cooper Lighting
Sirius
Soho Lighting
Solavanti Lighting
Sonia America
Space Lighting
Spark Lighting International
Specialty Lighting
Steel Partners
Step 1 Designs
Sterling Products
Stone County Ironworks
Stonagate Designs
Studio Italia Design USA
Sunpark Electronics
Sunset Lighting and Fans
Sylvan Designs
Talisman Glass
Tally Ho Lighting
Tango Lighting
Targetti North America
Task Lighting
Tech Lighting
Teron Lighting (TLJ)
The Brighton Collection
The Federalist
The Italbrass Group
Think Lighting
Thomas Contract Lighting
Toyo Trading
Triarch Industries
Trinity Lighting
Ultralights Architectural Lighting
Unlight
Urban Archaeology
USA Illumination
Versailles Lighting
VGK Lighting
Vibia
Victor Illuminating
Vintage Hardware
Visa Lighting
Visioneering
Visual Lighting Technologies

Wilshire Mfg.
Xenon Architectural Lighting
Zaneen Lighting
Zelco Industries

CABINET/UNDERCABINET
Aadoro
AAMSCO Lighting
Access Lighting
Act One Communications
Action Lighting
AH Lighting
AlbEO Technologies
Alexandra Lighting Systems
Alico Industries
Alkco Lighting
Alumen 8
Ambiance Lighting Systems
American Fluorescent
American Lighting
Architectural Lighting Works
Ardee Lighting
Ardron-Mackie
Ark Lighting
ATG Electronics
Badger Lite Company
Bartco Lighting
Basic Source, The
Belfer Group -
Belfer/Radiant/EuroLiteUSA
Birchwood Lighting
Bis Bis
Bright Image Corporation
Browdax Lighting
Brownlee Lighting
C.H. Briggs
C.W. Cole & Company
CaeLite
Celestial Lighting
Color Kinetics
Cooper Lighting
Craftmade International
Crescent Lighting
Crownlite Mfg.
Custom Elements
Custom Lighting
CV Lighting
Cyberlux
Dainolite
Day-Brite Capri Omega
Deco Lighting
Design Elements
DiaLight Corporation
DMF Lighting
Duray Fluorescent
E-Lite Technologies
Elco Lighting
Elliptipar
EncapSulite International
Energie Lighting
Eurofase
Exhibit and Display Truss
Extronix
Fail-Safe/Cooper Lighting
Fiberstars
Filtrona Extrusion
Foresight Lighting
FSC Lighting
GBL LED Lighting
Gemini One Five Luminaires
Gobbsmak Design
Halo/Cooper Lighting
Harold's Fine Home Lighting
Hera Lighting
House of Troy
Illumivision
Innovative Lighting
Jesco Lighting Group
Jadian Lighting
Juno Lighting Group
Kenall Lighting
Khatod Optoelectronic
Kichler Lighting Group
Kroy Sign Systems
LaMar Lighting Company
Legion Lighting
Light Craft Mfg.
Lightolier
Lightology
LightShope.com
Lightworld.com
Lileco Sales
Liltronics International/Duro-Lite
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumificient Technologies
Lumigraf
Lumux Lighting
Luraline
Luxe
Magic Lite
Merlin Lighting
Moyda Tiffany
Michael Webb
Milnex Designer Lights
Modular International
Modulighor

National Specialty Lighting
New Grand Light
Nicor
Nippo
Nora Lighting
Nuallight
NuArt Lighting Products
Optiled Technology
OSRAM Opto Semiconductors
Pegasus Associates Lighting
Phantom Lighting Systems
Pioneer Lighting
Pritchett Wilson Group
Progress Lighting
Quoizel
Radionic Hi-Tech/Radionic Industries
Roberr
Roberts Step-Lite Systems
Rockden
RSA Lighting
Schott North America
Security Lighting Systems
Sirius
SloanLED
Solavanti Lighting
Specialty Lighting
Step 1 Dezigns
Stylmark
Sunpark Electronics
Sunset Lighting and Fans
Sylvan Designs
Systematix
Targett North America
Task Lighting
Tazz Lighting
TechniLite Systems
Teron Lighting (TLI)
The Light Edge
Think Lighting
Thomas Contract Lighting
Tolkstar Lighting
Tresco International
Tri North Lighting
Ultralights Architectural Lighting
Urban Archaeology
Uspar Enterprises
VGK Lighting
Visioneering
Day-Brite Capri Omega
W.A.C. Lighting
Zaneen Lighting

CABLE/RAIL
Accent Kitchen & Bath
Access Lighting
Action Lighting
Alico Industries
Ambiance Lighting Systems
American Lighting
Architectural Lighting Works
Ardee Lighting
Avanti Lighting
Besa Lighting
Bruck Lighting Systems
Cooper Lighting
Custom Elements
Design Elements
EncapSulite International
Energie Lighting
Eureka Lighting
Eurofase
Forms-Surfaces
Gemini One Five Luminaires
GLC Lighting
Gobbsmak Design
H. E. Williams
Halo/Cooper Lighting
IDL - Industry & Design Light Intile
IO Lighting
Jesco Lighting Group
Jouree Lighting
Juno Lighting Group
Kania Lighting Systems
Kenwell International USA
Khatod Optoelectronic
Lawrence Metal Products
LBL Lighting
Lightology
LightShope.com
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumid
Lumisphere USA
Luraline
Merlin Lighting
New Grand Light
Ora Lighting
Pegasus Associates Lighting
Planlicht USA
Schonbek Worldwide Lighting
Sirius
Solavanti Lighting
Space Lighting
Step 1 Dezigns
Swirelier
Talisman Glass
Targett North America
Tech Lighting
Urban Archaeology
VGK Lighting
Visual Products and Sales

CHANDELIERS
1 World Class Lighting
20th Century Lighting
2nd Ave. Design
555 Design Fabrication Management
AAMSCO Lighting
AC Lighting Design
Accent Kitchen & Bath
Access Lighting
Action Lighting
Adirondack Studios
AL Lighting
Alexander-John, division of John-Richard
Alger International
Ambience
American Fluorescent
American Glass Light
American Lighting
American Period Lighting
AmeriTec Lighting
Anchor Lighting
Andy Thornton
Antiqueslighting.com
Anvil Design Corporation
Aqua Creations USA
Arch Lighting Group (ALS, Davis/Mueller, Rae Lighting)
Architectural Details
Art Deco Decor
Art Lighting Gallery
Artcraft Lighting
Arte do Mexico
Artisans
Athletic Lighting & Designs
Artlork Lighting & Shades
Authentic Designs Colonial & Early
American Lighting
Avanti Lighting
Axo Light
Baccarat
Baja West
Baldinger Architectural Lighting
Ball & Ball
BarDel International
Basic Source, The
Beaux-Artes
Besa Lighting
Beta-Calco
Bethel International
Bis Bis
Boyd Lighting
Brass Light Gallery
C.L. Sterling & Son
Calger Lighting
Camp LeGrand
Candella Lighting
Casella Lighting
Century Industries
Chandelier Parts Company
Charles Edwards
Charles Loomis
Cherry Tree Design
Christopher Thomson Ironworks
Classic Illuminations
Classic Lighting
Conant Custom Brass
Copperworks Lighting
Coronet Chandelier Originals
Coyote Glass Design
CPLIGHTING/Christopher
Poehlmann Studio
Craft Metal Products
CraftsmanOutdoorLighting.com
Crystal Glass Studio
Crystrorama Lighting
CS Lighting
Currey & Company
Custom Elements
Customlightstyles
Deep Landing Workshop
Delux Custom Lighting
Design Elements
Design Guild
Designers Fountain
Donovan Design
ELA Lighting
Elettra
Elk Lighting
EncapSulite International
Energie Lighting
Entourage LA
Epoch Enterprise
Erke USA
Estiluz
Eureka Lighting
Eurofase
Exciting Lighting
Fabulux
FAD Lighting/Delta Light USA
Fine Architectural Metalsmiths
Fire Farm
Firefly Lighting
Flot USA
Flux
Fourteenth Colony Lighting
Fox Electric Supply
G Lighting
Galbraith & Paul
George King Associates
Gladstone Industries Corporation
Glass Plus Glass

Gobbsmak Design
Guang Zhou Ouchi Trading
H. A. Framburg & Co
Haig Lighting
Hammeron
Hamstead Lighting
Harold's Fine Home Lighting
Harrera
Heritage Lanterns
Herwig Lighting
Hinkley Lighting
Hinson & Company
Historical Arts & Casting
Holothane
Holkkoetter International
Hubbardton Forge
Hudson Valley Lighting
Ideal Electric
Illuminating Experiences/Nemo
International Ironworks
Invisible Light Studio
ITRE-LuxLuce
J.H. Lighting
James R. Moder Crystal
Chandelier
Jefferson Art Lighting
Jesco Lighting Group
John-Richard
Kozio Lighting
Kane Strader
Kania Lighting Systems
Khatod Optoelectronic
Kichler Lighting Group
King's Chandelier
Kozo Lighting
La Murrina
LAM Lighting Systems
Lantern Masters
LEDs c/o MLG Contract
Leucos USA
Lighting USA
Lighting Sculptures
LightShope.com
Lightspann Illumination Design
Lite Makers
Lite Source
Lighthouse
Liton Lighting
Louie Lighting
Louis Poulsen Lighting
Lt. Moses Willard
Lucid Lighting
Lucifer Lighting
Lumetta
Lumid
Lundberg Studios Contemporary
Art Glass
Luraline
LYX Furniture & Light
MacPhail's Studio
Manning Lighting
Mario Contract Lighting
Maxim Lighting International
McFadden Trend Lighting
McNoon Crystal Lighting
Merlin Lighting
Metalumen Mfg.
Meyda Tiffany
Michaels' Lighting
Mike Stone Lighting
Mills Architectural Lighting
Minka Group (Minka Lavery, Minka
Aire, Metropolitan, George Kovacs,
Ambience)
Moda Lighting
Modular International
Modulighor
Moonlight Tiffanies
Morrison Lighting
Murray Feiss Import
Nathan Allan Glass Studio
Nemco Architectural Lighting
New Grand Light
Newt Glass
Nova Lighting
Nulco Lighting
Oggetti
Omega Too
Packaged Lighting Systems
Parkdale Products
Passport Furniture
Pecaso Lighting
Pennsylvania Globe Gaslight
Peter Albrecht Company
Philip Goldin Associates
Pompeian Manufacturing
Preciosa International
Primelite Manufacturing
Progress Lighting
Quality Lighting Design
Quassar Holland
R3diffusion
Reed Bros
Rejuvenation
Remains Lighting
Renaissance Contract Lighting &
Furnishings
Renoma Lighting
Resolute
Rock Cottage Glassworks
Roy Electric Antique Lighting of NJ
Scanglitt
Scavo
Schonbek Worldwide Lighting

Schoolhouse Electric
Scott Lamp/Scott Architectural
Lighting
Sea Gull Lighting Products
Shady Lady
Sirius
Soho Lighting
Solavanti Lighting
Space Lighting
Spark Lighting International
St. Louis Antique Lighting
Starfire Lighting
Steel Partners
Step 1 Dezigns
Sterling Products
Steven Handelman Studios
Stone County Ironworks
Stonagate Designs
Studio Italia Design USA
Studio Steel
Sunset Lighting and Fans
Swon Design
Sylvan Designs
Talisman Glass
Tally Ho Lighting
Tango Lighting
Task Lighting
Tazz Lighting
Tech Lighting
Teron Lighting (TLI)
Terzani USA
The Best Road Collection
The Brighton Collection
The Federalist
Thomas Contract Lighting
Thomas Lighting Canada
Trend Lighting
Tri North Lighting
Triarch Industries
Ultralights Architectural Lighting
Unilight
Urban Archaeology
Versailles Lighting
VGK Lighting
Vibia
Victor Illuminating
Vintage Hardware
Virginia Metalcrafters
Visa Lighting
Visual Lighting Technologies
Wildwood Lamps & Accents
Wilshire Mfg.
Winona Lighting
Wunderley
Yamagiwa USA
Zaneen Lighting
Zelco Industries
Zia-Priven Design

COMMERCIAL CEILING/DIRECT
1st Source Lighting
2C Simon Morris Associates
Access Lighting
Action Lighting
Adventures in Copper/A.I.C.
Lighting
Alexandra Lighting Systems
Alkco Lighting
Altman Lighting
Alumen 8
American Fluorescent
American Glass Light
American Lighting
AmeriTec Lighting
Andy Thornton
Antron
Anvil Design Corporation
Arch Lighting Group (ALS,
Davis/Mueller, Rae Lighting)
Architectural Lighting Works
Ardee Lighting
Ardron-Mackie
Armstrong World Industries
Artecumen
Axis Lighting
Axo Light
Badger Lite Company
Baja West
BarDel International
Basic Source, The
Belfer Group -
Belfer/Radiant/EuroLiteUSA
BEST Lights
Beta Lighting
Beta-Calco
Bethel International
Brass Light Gallery
Brave Design
Brodwax Lighting
Bruck Lighting Systems
C.W. Cole & Company
Calger Lighting
CGF Design
Challenger Lighting
Chandelier Parts Company
Charles Edwards
Classic Lighting
Columbia Lighting
Conant Custom Brass
Cooper Lighting
Corbett Lighting, div. of Troy-CSL
Lighting
Coreilite/Cooper Lighting
Craft Metal Products

Crescent Lighting
Crownlite Mfg.
CS Lighting
Custom Lighting
CV Lighting
d'ac Lighting
D'Lights by SPJ Lighting
David Landis Design
Day-Brite Capri Omega
Day-O-Life Manufacturing
Deco Lighting
Delux Custom Lighting
Donovan Design
Duray Fluorescent
EasyLite Integrated Lighting
Systems
Eclipse Lighting
Edison Price Lighting
Elettra
EncapSulite International
Energie Lighting
Engineered Lighting Products
Envisionlight
ERCO Lighting
Erin Adams Design
Esco Lighting
Estiluz
Eureka Lighting
Evergreen Lighting
Exhibit and Display Truss
Fabbian USA
Fabulux
FAD Lighting/Delta Light USA
FC Lighting
Fiberstars
Filtrona Extrusion
Finelite
Fire Farm
Flux Incorporated
Focal Point
Foresight Lighting
Fox Electric Supply
FSC Lighting
Full Spectrum Solutions
G Lighting
Gallium Lighting
Gammalux Systems
Gemini One Five Luminaires
Geni-Strut
Gladstone Industries Corporation
GLC Lighting
Gobbsmak Design
Gotham Architectural Lighting
Guang Zhou Ouchi Trading
H. E. Williams
Hallmark Lighting
Halo/Cooper Lighting
Hamstead Lighting
Herwig Lighting
HessAmerica
Hinson & Company
Historical Arts & Casting
Holothane
Homasote
Hubbardton Forge
Hunter Douglas Contract
Ideal Electric
IDL - Industry & Design Light
IEPC
Illumivision
inductionlighting.com
Infinity Lighting
Intile
Inspired Sales
Intense Lighting
Invue Lighting Systems
ITRE-LuxLuce
J.H. Lighting
James Thomas Engineering
Juno Lighting Group
Justice Design Group
Kania Lighting Systems
Kenall Lighting
Khatod Optoelectronic
Kirlin Company
Kramer Lighting
Kurtzon Lighting
KW2 Lighting Products
LAM Lighting Systems
LaMar Lighting Company
Lawrence Metal Products
LED Neon Light
Ledaile Architectural Products
Legion Lighting
Leucos USA
Lighting & Electronics
Lighting Edge
Lightolier
Liteco Sales
Litecontrol
Liton Lighting
Los Angeles Lighting
Louie Lighting
Louis Poulsen Lighting
Louvers International
LSI Industries
Lucid Lighting
Lucifer Lighting
Lumatech Lighting
Lumax Industries
Lumid
Lumigraf
Luminis, Con.Daz, Lutrex
Lumux Lighting

Luraline
LYX Furniture & Light
Magic Lite
Manning Lighting
Merlin Lighting
Metalumen
Meyda Tiffany
Mica Lamp
Michaels' Lighting
Modular International
Moon Shine Lamp and
Shade
Morrison Lighting
MWS Modular Wiring
Systems/Cooper Lighting
Navitar
Nemco Architectural Lighting
Neo-Ray/Cooper Lighting
Newstar
Newt Glass
Nicor
Nippo
Nora Lighting
North Star/Thorn Lighting
Norton Industries
Nualight
NuArt Lighting Products
Nulco Lighting
Nutech Lighting
One Step Lighting
OSRAM Opto
Semiconductors
Paramount Industries
Peter Albrecht Company
Phoenix Products Company
Pioneer Lighting
Planlicht USA
PMC Lighting
Pompeian Manufacturing
Precision Architectural
Lighting
Prudential Lighting
Pure Lighting
Renaissance Contract
Lighting & Furnishings
Renoma Lighting
Renova Lighting Systems
Resolute
RSA Lighting
Ruud Lighting
Scangift
Schoolhouse Electric
Security Lighting Systems
SELUX
Shaper Lighting/Cooper
Lighting
Sirius
Solavanti Lighting
Solera
Solux Design
Space Lighting
Spark Lighting International
Starfire Lighting
Step 1 Dezigns
Sterling Products
Stonco Lighting
Stonagate Designs
Studio Italia Design USA
Sunpark Electronics
Swivelier
Tally Ho Lighting
Tango Lighting
Targetti North America
Techni-Lux
Technical Consumer
Products
TEKA Illumination
The Brighton Collection
The Federalist
The Light Edge
Think Lighting
TMS Lighting
Translite Sonoma
Tresco International
Tri North Lighting
Troy-CSL Lighting
U.S. Energy Sciences
Ultralights Architectural
Lighting
Urban Archaeology
USA Illumination
Uspar Enterprises
Vantage Luminaires
Versailles Lighting
VGK Lighting
Viabizzuno
Victor Illuminating
Visa Lighting
Visionaire Lighting
Visioneering
Visual Products and Sales
W.A.C. Lighting
WF Harris Lighting
Wide-Lite
Zaneen Lighting
Zumtobel Lighting

ACDC Lighting Systems
Action Lighting
Adventures In Copper/A.I.C.
Lighting
Alexandra Lighting Systems
Alumen 8
Ambiance Lighting Systems
American Acrylic
American Glass Light
American Lighting
AmeriTec Lighting
Amerlux Lighting Solutions
Amatrix/Cooper Lighting
Andy Thornton
Antron
Anvil Design Corporation
Arch Lighting Group (ALS,
Davis/Mueller, Rae Lighting)
Architectural Details
Architectural Lighting Works
Ardee Lighting
Ardron-Mackie
Armstrong World Industries
Art Deco Decor
Arteclumen
Axis Lighting
Axo Light
Baja West
BarDel International
Bartco Lighting
Basic Source, The
Belfer Group -
Beller/Radiant/EuroLiteUSA
BEST Lights
Beta Lighting
Beta-Calco
Bethel International
Brass Light Gallery
Bruck Design
Bruck Lighting Systems
C.W. Cole & Company
Calger Lighting
CeeLite
Celestial Lighting
CGF Design
Charles Edwards
Classic Lighting
Columbia Lighting
Conant Custom Brass
Cooper Lighting
Corbett Lighting, div. of Troy-
CSL Lighting
Corelite/Cooper Lighting
Coronet Chandelier Originals
Craft Metal Products
Crescent Lighting
Crownlite Mfg.
Custom Lighting
CV Lighting
Cyberlux
D'Lights by SPJ Lighting
Day-Brite Capri Omega
Day-O-Lite Manufacturing
Donovan Design
Duray Fluorescent
EasyLite Integrated Lighting
Systems
Eclipse Lighting
Eletra
Elliptipar
EncapSuite International
Energie Lighting
Engineered Lighting
Products
Envisionlight
ERCO Lighting
Erin Adams Design
eStar Lighting
Estiluz
Eureka Lighting
Eventscape
Exhibit and Display Truss
Fabbian USA
Fabulux
FAD Lighting/Delta Light
USA
FC Lighting
Fiberstars
Filtrona Extrusion
Lighting
Fire Farm
Focal Point
Foresight Lighting
Forms+Surfaces
FSC Lighting
G Lighting
Galbraith & Paul
Gammalux Systems
Gemini One Five Luminaires
Gladstone Industries
Corporation
GLC Lighting
Gobbsmak Design
Gotham Architectural
Lighting
Guang Zhou Ouchi Trading
Guth Lighting
H. E. Williams
Hallmark Lighting
Hampstead Lighting &
Accessories
Higuchi USA
Hinson & Company

Historical Arts & Casting
Holophone
Homasote
Hubbardton Forge
Hunter Douglas Contract
IDL - Industry & Design Light
IEPC
Illuminating
Experiences/Nemo
Illumivision
inductionlighting.com
Infinity Lighting
Innovative Lighting
Insight Lighting
Inspired Sales
Intense Lighting
ITRE-LuxLuce
J.H. Lighting
Jiadian Lighting
Juno Lighting Group
Kane Shrader
Kania Lighting Systems
Kenall Lighting
Khatod Optoelectronic
Kirlin Company
Kramer Lighting
Kurtzon Lighting
KW/2 Lighting Products
LAM Lighting Systems
LaMar Lighting Company
Lawrence Metal Products
LED Neon Light
LedaLite Architectural
Products
Legion Lighting
Leucos USA
Lighting Edge
Lightoller
Liteco Sales
Litecontrol
Liton Lighting
Los Angeles Lighting
Louie Lighting
Louis Poulsen Lighting
Lovers International
LSI Industries
Lucid Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumifluent Technologies
Lumigraf
Luminis, Con.Daz, Lutrex
Lumux Lighting
Luraline
LYX Furniture & Light
Magic Lite
Manning Lighting
Merlin Lighting
Metalumen
Meyda Tiffany
Mica Lamp
Michaels' Lighting
Mike Stoane Lighting
Modular International
Moon Shine Lamp and
Shade
MWS Modular Wiring
Systems/Cooper Lighting
Neon Design
Newstar
Newt Glass
Nicor
Nippo
Norton Industries
Nulco Lighting
Nutech Lighting
Orgatech + Omegalux
OSRAM Opto
Semiconductors
Office Electronic Lighting
Paramount Industries
Philip Goldin Associates
Phoenix Products Company
Planlicht USA
PMC Lighting
Precision Architectural
Lighting
Prudential Lighting
Pure Lighting
Renoma Lighting
Resolute
Roberts Step-Lite Systems
Rockden
RSA Lighting
Ruud Lighting
Scangift
Scott Lamp/Scott
Architectural Lighting
Security Lighting Systems
SELUX
Shaper Lighting/Cooper
Lighting
Sirius
Solavanti Lighting
Solera
Solux Design
Space Lighting
Spark Lighting International
SPI Lighting
Starfire Lighting

Step 1 Dezigns
Stonagate Designs
Studio Italia Design USA
Sunpark Electronics
Tally Ho Lighting
Tango Lighting
Targetti North America
Techni-Lux
Technical Consumer
Products
TEKA Illumination
The Light Edge
Translite Sonoma
Traxon Technologies
Tri North Lighting
Troy-CSL Lighting
U.S. Energy Sciences
Ultralights Architectural
Lighting
Urban Archaeology
Uspar Enterprises
Versailles Lighting
VGK Lighting
Viabizzuno
Vibia
Victor Illuminating
Visa Lighting
Visionaire Lighting
Visual Lighting Technologies
W.A.C. Lighting
Waldmann Lighting
Wide-Lite
Winona Lighting
Zaneen Lighting
Zelco Industries
Zumtobel Lighting

COMMERCIAL WALL
1 World Class Lighting
1st Source Lighting
2C Simon Morris Associates
A-19
AC Lighting Design
Access Lighting
ACDC Lighting Systems
Action Lighting
Adesso
Adventures In Copper/A.I.C.
Lighting
AlbEO Technologies
Alexandra Lighting Systems
Alico Industries
Alco Lighting
Alumen 8
Ambiance Lighting Systems
American Acrylic
American Glass Light
American Lighting
American Period Lighting
AmeriTec Lighting
Amatrix/Cooper Lighting
Andy Thornton
Antron
Anvil Design Corporation
Aqua Creations USA
Architectural Details
Architectural Lighting Works
Ardee Lighting
Ardron-Mackie
Arteclumen
Avanti Lighting
Award Winning Lighting &
Exhibit Designers
Axo Light
Badger Lite Company
Baja West
BarDel International
Bartco Lighting
Baselite
Basic Source, The
Belfer Group -
Beller/Radiant/EuroLiteUSA
BEST Lights
Beta Lighting
Beta-Calco
Bethel International
Birchwood Lighting
Boyd Lighting
Brandon Industries
Brave Design
Brodwax Lighting
Brownlee Lighting
Bruck Lighting Systems
Calger Lighting
Candella Lighting
Casella Lighting
CeeLite
CGF Design
Challenger Lighting
Charles Loomis
Classic Lighting
Columbia Lighting
Cooper Lighting
Corbett Lighting, div. of Troy-
CSL Lighting
Corelite/Cooper Lighting
Coronet Chandelier Originals
Crownlite Mfg.
CS Lighting
Custom Lighting
d'ac Lighting
D'Lights by SPJ Lighting
Day-O-Lite Manufacturing

Delux Custom Lighting
Donovan Design
Duray Fluorescent
Eclipse Lighting
Eletra
Elk Lighting
Elliptipar
EncapSuite International
Energie Lighting
Engineered Lighting
Products
ERCO Lighting
Erin Adams Design
Esco Lighting
eStar Lighting
Estiluz
Eureka Lighting
Eurofase
Evergreen Lighting
Exhibit and Display Truss
Fabbian USA
Fabulux
FAD Lighting/Delta Light
USA
FC Lighting
Fiberstars
Finelite
Fire Farm
Fios USA
Flux
Focal Point
Foresight Lighting
Fox Electric Supply
G Lighting
Galbraith & Paul
Gammalux Systems
Gaslite America West
GBL LED Lighting
Geni-Strut
George King Associates
Gladstone Industries
Corporation
GLC Lighting
Gobbsmak Design
GranitiFiandre
Guang Zhou Ouchi Trading
H. E. Williams
Hallmark Lighting
Hammeron
Hampstead Lighting
Hemera
Herwig Lighting
Hinson & Company
Historical Arts & Casting
Holophone
Homasote
House of Troy
Hubbardton Forge
Ideal Electric
IDL - Industry & Design Light
IEPC
Illumivision
inductionlighting.com
Infinity Lighting
Insight Lighting
Invue Lighting Systems
ITRE-LuxLuce
J.H. Lighting
James R. Moder Crystal
Chandelier
Jiadian Lighting
Justice Design Group
Exhibit Designers
Kane Shrader
Kania Lighting Systems
Kenall Lighting
Khatod Optoelectronic
Kirlin Company
Kozo Lighting
Kramer Lighting
Kurtzon Lighting
KW/2 Lighting Products
LAM Lighting Systems
LaMar Lighting Company
Latigo Lights
LED Effects
LED Neon Light
LedaLite Architectural
Products
Legion Lighting
Leucos USA
Light Waves Concept
Lighting Edge
Lighting Sculptures:
Lightoller
Lightway Industries
Lightworld.com
Lite Source
Liteco Sales
Liton Lighting
Los Angeles Lighting
Louie Lighting
Louis Poulsen Lighting
Lovers International
Lucid Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumigraf
Luminis, Con.Daz, Lutrex
Lumivision
Lumiron
Lumux Lighting

Luraline
Magic Lite
Manning Lighting
Martin Architectural
Merlin Lighting
Metalumen
Meyda Tiffany
Mica Lamp
Michaels' Lighting
Modular International
Newt Glass
North Star/Thorn Lighting
Nualight
NuArt Lighting Products
Nulco Lighting
Nutech Lighting
Orgatech + Omegalux
Paramount Industries
Pemco Lighting Products
Philip Goldin Associates
Pioneer Lighting
Precision Architectural
Lighting
Prescolite
Primalite
Prudential Lighting
Pure Lighting
Quality Lighting Design
Quality Sourcing Services
Quasar Holland
R3differ
Rambusch Lighting
Remcraft Lighting Products
Renaissance Contract
Lighting & Furnishings
Renoma Lighting
Resolute
RSA Lighting
Ruud Lighting
Scangift
Schoolhouse Electric
Scott Lamp/Scott
Architectural Lighting
Security Lighting Systems
SELUX
Shaper Lighting/Cooper
Lighting
Shell Light
Sinclair Glass
Sirius
Sistemalux
StoanLED
Smith-Victor Corporation
Solavanti Lighting
Solera
Solux Design
Space Lighting
Spark Lighting International
Spectrum Lighting
SPI Lighting
Starfire Lighting
Step 1 Dezigns
Stonagate Designs
Studio Italia Design USA
Sunpark Electronics
Swivelier
Tally Ho Lighting
Tango Lighting
Targetti North America
Tech Lighting
Techni-Lux
Technical Consumer
Products
Taron Lighting (TLI)
The Brighton Collection
The Federalist
The Light Edge
Traxon Technologies
Trinity Lighting
Troy-CSL Lighting
Ultralights Architectural
Lighting
Urban Archaeology
Uspar Enterprises
Vantage Luminaires
Versailles Lighting
VGK Lighting
Vibia
Victor Illuminating
Visa Lighting
Visioneering
W.A.C. Lighting
Waldmann Lighting
WF Harris Lighting
Wide-Lite
Yamagwa USA
Zaneen Lighting
Zelco Industries
Zia-Priven Design
Zumtobel Lighting

**DECORATIVE
CEILING/PENDANT/WALL
SCONCES**
1 World Class Lighting
20th Century Lighting
2nd Ave. Design
555 Design Fabrication

Management
A-19
AAMSCO Lighting
ABET Laminati
AC Lighting Design
Accent Kitchen & Bath
Access Lighting
ACDC Lighting Systems
Act One Communications
Action Lighting
Adesso
Adironack Studios
Adventures In Copper/A.I.C.
Lighting
Alexander-John, division of
John-Richard
Alger International
Alico Industries
Alco Lighting
Ambiance Lighting Systems
Ambience
American Acrylic
American Fluorescent
American Glass Light
American Lighting
American Period Lighting
AmeriTec Lighting
Amerlux Lighting Solutions
Anchor Lighting
Andy Thornton
Another Planet Lighting
AntiquesLighting.com
Anvil Design Corporation
Aqua Creations USA
Arch Lighting Group (ALS,
Davis/Mueller, Rae Lighting)
Architects & Heroes Interiors
Architectural Details
Architectural Lighting Works
Ardee Lighting
Armstrong World Industries
Art Deco Decor
Art Lighting Gallery
Artcraft Lighting
Arte de Mexico
Arteclumen
Artisans
Ashlor Lighting & Shades
Authentic Designs Colonial &
Early American Lighting
Avanti Lighting
Axo Light
Baccarat
BACI by Remcraft
Badger Lite Company
Baja West
Baldinger Architectural
Lighting
Ball & Ball
BarDel International
Baselite
Basic Source, The
Beaux-Artes
BEGAUUS
Belfer Group
Bella Luz Studio
Besa Lighting
Beta-Calco
Bethel International
Bieber Lighting
Bis Bis
Bone Simple Design
Boyd Lighting
Brandon Industries
Brass Light Gallery
Brave Design
Brodwax Lighting
BronzArt Lighting
Brownlee Lighting
Bruck Lighting Systems
C.L. Sterling & Son
C.W. Cole & Company
Cal Lighting
Calger Lighting
California Lighting
Camp LeGrand
Candella Lighting
Casella Lighting
CE Lighting of North America
CeeLite
Ceiling Designs
Century Industries
CGF Design
Challenger Lighting
Chandelier Parts Company
Charles Loomis
Cherry Tree Design
Christopher Thomson
Ironworks
Classic Illuminations
Classic Lighting
Conant Custom Brass
Contrast Lighting ML
Cooper Lighting
Copperworks Lighting
Corbett Lighting
Corelite
Coronet Chandelier Originals
Coyote Glass Design
CPLIGHTING/Christopher
Poehlmann Studio
Craft Metal Products

Craftmade International
 CraftsmanOutdoorLighting.com
 Craftsman Hardware
 Crownlite Mfg.
 Crystal Glass Studio
 Crystorama Lighting
 CS Lighting
 Currey & Company
 Custom Lighting
 Customlightstyles
 d'ac Lighting
 Dainolite
 David Landis Design
 Day-Brite Capri Omega
 Day-O-Lite Manufacturing
 Deep Landing Workshop
 Delray Lighting
 Delux Custom Lighting
 Derek Marshall Lighting
 Design Elements
 Design Guild
 Designers Fountain
 D'Lights by SPJ Lighting
 Donovan Design
 Donovan Lighting
 Dreamscape Lighting
 Duray Fluorescent
 Eclipse Lighting
 ELA Lighting
 Elettra
 E-Lite Technologies
 Elk Lighting
 Elliptipar
 EncapSulite International
 Energie Lighting
 Entourage LA
 Envel Design
 Epoch Enterprise
 ERCO Lighting
 Erin Adams Design
 Erke USA
 Estiluz
 Eureka Lighting
 Eurofase
 Eventscape
 Evergreen Lighting
 Exciting Lighting
 Fabbian USA
 Fabulux
 FAD Lighting/DeltaLight USA
 FC Lighting
 Fiberstars
 Filtrona Extrusion
 Fine Architectural
 Metalsmiths
 Fire & Water
 Fire Farm
 Firefly Lighting
 Fleurs d'Allumage
 Flos USA
 Flux
 Focal Point
 Focalor
 Foresight Lighting
 Forms+Surfaces
 Fourteenth Colony Lighting
 Fox Electric Supply
 Frankie
 Friedman Brothers
 Decorative Arts
 FSC Lighting
 G Lighting
 G Squared
 Galbraith & Paul
 Gaslite America West
 Gemini One Five Luminaires
 Geni-Strut
 George King Associates
 Ganger - Motiv
 Gladstone Industries
 Corporation
 Glass Plus Glass
 GLC Lighting
 Global Lighting
 Gobbsmak Design
 GranitFiandre
 Gray Glass
 Guang Zhou Ouchi Trading
 Guth Lighting
 H. A. Framburg & Co
 Haig Lighting
 Hallmark Lighting
 Halo
 Hammerton
 Hampstead Lighting
 Harold's Fine Home Lighting
 Hemera
 Heritage Lanterns
 Herwig Lighting
 HessAmerica
 Higuchi USA
 Hinkley Lighting
 Hinson & Company
 Historical Arts & Casting
 Holophane
 Holtkoetter International
 Homasote
 Hubbardton Forge
 Hudson Valley Lighting
 Idaho Wood
 Ideal Electric
 IDL - Industry & Design Light
 Illuminating

Experiences/Nemo
 Imex Industrial
 inductionlighting.com
 Inlite
 Innovative Lighting
 Insight Lighting
 Inspired Sales
 Intense Lighting
 International Ironworks
 Invisible Light Studio
 IO Lighting
 ITRE-LuxLuce
 Ivalo Lighting
 J&J Electronics
 J.H. Lighting
 James R. Moder Crystal
 Chandelier
 Jefferson Art Lighting
 Jesco Lighting Group
 Jladian Lighting
 John Boone
 John-Richard
 Jud's Lampshades
 Juno Lighting Group
 Justice Design Group
 Kalco Lighting
 Kane Shrader
 Kania Lighting Systems
 Kenall Lighting
 Khatod Optoelectronic
 Kichler Lighting Group
 King's Chandelier
 Kirin Company
 Kohler Company
 Kozo Lighting
 Kramer Lighting
 Kurtzon Lighting
 La Murrina
 LAM Lighting Systems
 LaMar Lighting Company
 Lancaster Glass
 Lantern Masters
 Latigo Lights
 LBL Lighting
 LEDs c/o MLG Contract
 LEDtronics
 Legion Lighting
 Leucos USA
 Light Waves Concept
 Lighting Edge
 Lighting Sculptures
 Lightolier
 Lightology
 LightShope.com
 Lightspan Illumination
 Design
 Lightstreams
 Lightway Industries
 Lightworld.com
 Lite Makers
 Lite Source
 Liteco Sales
 Litecontrol
 Liton Lighting
 Los Angeles Lighting
 Louis Lighting
 Louis Poulsen Lighting
 LSI Industries
 Lt. Moses Willard
 Luceplan USA
 Lucid Lighting
 Lucifer Lighting
 Lumetta
 Lumid
 Lumifluent Technologies
 Lumigraf
 Lumiron
 Lumux Lighting
 Lundberg Studios
 Contemporary Art Glass
 Luraline
 Luxo
 LYX Furniture & Light
 MacPhail's Studio
 Magic Lite
 Manning Lighting
 Mario Contract Lighting
 Martin Architectural
 Matthews Fan/WPT Design
 Maxim Lighting International
 McFadden Trend Lighting
 McNoon Crystal Lighting
 Halo
 Merlin Lighting
 Metalumen Mfg.
 Meyda Tiffany
 Mica Lamp
 Michael Webb
 Michaels' Lighting
 Mike Stoahe Lighting
 Mills Architectural Lighting
 Milnex Designer Lights
 Minka Group
 Moda Lighting
 Modular International
 Modulightor
 Mole-Richardson
 Moon Shine Lamp and
 Shade
 Moonlight Tiffanies
 Morrison Lighting
 Murray Feiss Import
 Nathan Allan Glass Studio
 Nemco Architectural Lighting

Nessen Lighting
 New Grand Light
 New Metal Craft
 Newmat USA
 Newt Glass
 NlightN
 Nora Lighting
 Noran Lighting
 Norton Industries
 Nova Lighting
 Nulco Lighting
 Nutech Lighting
 Oggetti
 Omega Too
 One Step Lighting
 OptiLed Technology
 Ora Lighting
 Orgatech + Ormegalux
 Oriental Accent
 Office Electronic Lighting
 Packaged Lighting Systems
 Palmer Hargrave
 Parkdale Products
 Passport Furniture
 Pathway Lighting Products
 Pecos Lighting
 Pegasus Associates Lighting
 Pemco Lighting Products
 Pennsylvania Globe Gaslight
 Philip Goidin Associates
 Phoenix Products Company
 PierceMartin
 Pioneer Lighting
 Planlicht USA
 PLC Lighting
 PMC Lighting
 Pompeian Manufacturing
 Preciosa International
 Prescott
 Primelite
 Prisma Architectural Lighting
 Progress Lighting
 Prudential Lighting
 Pure Lighting
 Quality Lighting Design
 Quasar Holland
 Quoziel
 R3diffusion
 Rambusch Lighting
 Reed Bros
 Rejuvenation
 Remains Lighting
 Remcraft Lighting Products
 Renaissance Contract
 Lighting & Furnishings
 Renoma Lighting
 Resolute
 Robern
 Robert Abbey
 Rock Cottage Glassworks
 Roy Electric Antique Lighting
 RSA Lighting
 Scangift
 Scavo
 Schonbek Worldwide
 Lighting
 Schoolhouse Electric
 Schott North America
 Scott Lamp/Scott
 Architectural Lighting
 Sea Gull Lighting Products
 Shady Lady
 Shaper Lighting
 Shell Light
 Sinclair Glass
 Sirius
 Sistemalux
 Smith-Victor Corporation
 Soho Lighting
 Solavanti Lighting
 Space Lighting
 Spark Lighting International
 Spectrum Lighting
 SPI Lighting
 St. Louis Antique Lighting
 Starfire Lighting
 Steel Partners
 Step 1 Designs
 Sterling Products
 Steven Handelman Studios
 Stone County Ironworks
 Stonegate Designs
 Studio Italia Design USA
 Studio Steel
 Stylmark
 Sunpark Electronics
 Sunset Lighting and Fans
 Swon Design
 Sylvan Designs
 Tailsman Glass
 Tally Ho Lighting
 Tango Lighting
 Targetti North America
 Task Lighting
 Tazz Lighting
 Tech Lighting
 Teron Lighting
 Terzani USA
 The Antique & Vintage Table
 Lamp Company
 The Brighton Collection
 The Federalist
 The Italbrass Group

The Modern Fan Company
 The Original Cast Lighting
 THHC Lighting
 Thomas Contract Lighting
 Thomas Lighting Canada
 TMS Lighting
 Tokistar Lighting
 Toyo Trading
 Translite Sonoma
 Traxon Technologies
 Trend Lighting
 Tri North Lighting
 Triarch Industries
 Trinity Lighting
 Troy-CSL Lighting
 UltraGlas
 Ora Lighting
 Ultralights Architectural
 Lighting
 Unlight
 Urban Archaeology
 Uepar Enterprises
 Uttermost
 Vantage Luminaires
 Versailles Lighting
 VGK Lighting
 Vibia
 Victor Illuminating
 Vintage Hardware
 Virginia Metalcrafters
 Visa Lighting
 Visionaire Lighting
 Visual Lighting Technologies
 Visual Products and Sales
 W.A.C. Lighting
 Waldmann LED Lighting
 Watt-Man LED Lighting
 Westinghouse Lighting
 Corporation
 Wever & Ducre
 Wide-Lite
 Wildwood Lamps & Accents
 Wilshire Mfg.
 Winona Lighting
 Wunderley
 Xenon Architectural Lighting
 Yamagwa USA
 Zaneen Lighting
 Zelco Industries
 Zia-Priven Design
 Zumtobel Lighting

DESK/WORKSTATION

2C Simon Morris Associates
 AAMSCO Lighting
 Access Lighting
 Action Lighting
 Adesso
 AlbEO Technologies
 Aiko Lighting
 Alumen 8
 American Acrylic
 American Lighting
 Anvil Design Corporation
 Architectural Lighting Works
 Art Lighting Gallery
 Ashlor Lighting & Shades
 Authentic Designs Colonial &
 Early American Lighting
 Award Winning Lighting &
 Exhibit Designers
 Axo Light
 Baldinger Architectural
 Lighting
 Bartco Lighting
 Belfer Group -
 Belfer/Radiant/EuroLite/USA
 Bis Bis
 Brave Design
 Brodway Lighting
 C.H. Briggs
 Cal Lighting
 Calger Lighting
 Casella Lighting
 Catalina Tensor Lighting
 Century Industries
 Challenger Lighting
 Charles Edwards
 Cherry Tree Design
 Conant Custom Brass
 Cooper Lighting
 Crownlite Mfg.
 Currey & Company
 Custom Lighting
 Cyberlux
 Dainolite
 Day-O-Lite Manufacturing
 Dazor Mfg.
 Swon Design
 Design Guild
 Designers Fountain
 Donovan Design
 Duray Fluorescent
 Eclipse Lighting
 Elettra
 Elliptipar
 EncapSulite International
 Engeltte Lighting
 ERCO Lighting
 Eurofase
 Fiberstars
 Fire Farm
 Flos USA

Frankie
 G Squared
 Galbraith & Paul
 Gammalux Systems
 Global Lighting
 Gobbsmak Design
 Guang Zhou Ouchi Trading
 Hallmark Lighting
 Harold's Fine Home Lighting
 Haworth
 Hinson & Company
 Holtkoetter International
 Homasote
 House of Troy
 Humanscale
 Ideal Electric
 Illuminating
 Experiences/Nemo
 Imex Industrial
 IO Lighting
 J.H. Lighting
 Jesco Lighting Group
 John Boone
 John-Richard
 Joff Lighting
 Kenwell International USA
 Khatod Optoelectronic
 Kichler Lighting Group
 La Murrina
 La Sorgente Glass Studio
 LaMar Lighting Company
 Legion Lighting
 Leucos USA
 LightShope.com
 Lion Lighting
 Little
 Louie Lighting
 Louis Poulsen Lighting
 Louvers International
 Luceplan USA
 Lucifer Lighting
 Lumetta
 Lumid
 Lumigraf
 Luraline
 Luxo
 Mario Contract Lighting
 Mayline Company
 Merlin Lighting
 Metalumen Mfg.
 Meyda Tiffany
 Modulightor
 Murray Feiss Import
 Nora Lighting
 Nova Lighting
 Nuallight
 Omega Too
 Passport Furniture
 Pegasus Associates Lighting
 Pritchett Wilson Group
 Pure Lighting
 Rejuvenation
 Renaissance Contract
 Lighting & Furnishings
 Roy Electric Antique Lighting
 Royal Haeger Lamp
 Company
 Scangift
 Sirius
 Space Lighting
 Spark Lighting International
 Specialty Lighting
 Step 1 Designs
 Stone County Ironworks
 Stonegate Designs
 Studio Italia Design USA
 Sunnex
 Sunpark Electronics
 Tally Ho Lighting
 Tambient
 Tango Lighting
 Targetti North America
 Tazz Lighting
 Tech Lighting
 TechniLite Systems
 Trend Lighting
 Tresco International
 Trinity Lighting
 Urban Archaeology
 Varilux
 VGK Lighting
 Vabizzano
 Vibia
 Vintage Hardware
 Virginia Metalcrafters
 Visioneering
 Waldmann Lighting
 Wildwood Lamps & Accents
 Yamagwa USA
 Zelco Industries

DOWNLIGHTS

1st Source Lighting
 2C Simon Morris Associates
 AC Lighting Design
 Access Lighting
 ACDC Lighting Systems
 Action Lighting
 Alexandra Lighting Systems
 Ambiance Lighting Systems
 American Acrylic

American Lighting
 AmeriTec Lighting
 Amerlux Lighting Solutions
 Andy Thornton
 Anvil Design Corporation
 Architectural Lighting Works
 Ardee Lighting
 Arcraft Lighting
 AtLite/Cooper Lighting
 Avanti Lighting
 Award Winning Lighting &
 Exhibit Designers
 Axo Light
 BACI by Remcraft
 Beachside Lighting
 Beaux-Artes
 Belfer Group -
 Belfer/Radiant/EuroLite/USA
 Besa Lighting
 Beta-Calco
 Brandon Industries
 Brass Light Gallery
 Browlee Lighting
 Brodway Lighting
 Candella Lighting
 CGF Design
 Charles Edwards
 Charles Loomis
 Chauvet
 Classic Lighting
 Color Kinetics
 Contrast Lighting
 Cooper Lighting
 Craft Metal Products
 Custom Elements
 Custom Lighting
 Cyberlux
 d'ac Lighting
 D'Lights by SPJ Lighting
 Dainolite
 Day-Brite Capri Omega
 Day-O-Lite Manufacturing
 Delray Lighting
 Design Elements
 Dialight Corporation
 DMF Lighting
 Donovan Design
 Dreamscape Lighting
 Duray Fluorescent
 Eclipse Lighting
 Edison Price Lighting
 Eico Lighting
 Elumina Technology
 EncapSulite International
 Energie Lighting
 Engineered Lighting
 Products
 Entertainment Technology
 Envisionlight
 Epoch Enterprise
 ERCO Lighting
 Esco Lighting
 Eureka Lighting
 Eurofase
 Fabbian USA
 FarLight
 FC Lighting
 Fiberstars
 Flos USA
 Flux
 Focal Point
 Forge Europa
 Frankie
 G Squared
 Gallium Lighting
 GBL LED Lighting
 Gemini One Five Luminaires
 Geni-Strut
 Gladstone Industries
 Corporation
 Gobbsmak Design
 Greesman Supply
 H. E. Williams
 Halmark Lighting
 Halo/Cooper Lighting
 Herwig Lighting
 Higuchi USA
 Homasote
 Hubbardton Forge
 IEP
 Illumivision
 Imex Industrial
 Infinity Lighting
 Inspired Sales
 Intense Lighting
 Iris Lighting/Cooper Lighting
 ITRE-LuxLuce
 J&J Electronics
 Jesco Lighting Group
 Juno Lighting Group
 Justice Design Group
 Kania Lighting Systems
 Khatod Optoelectronic
 Kirin Company
 Kozo Lighting
 Kramer Lighting
 Kurt Versen
 Lancaster Glass
 LBL Lighting
 Ladalite Architectural
 Products
 Leucos USA
 Light Waves Concept

Lightolier
 Lightolier Controls
 Lite Source
 Liton Lighting
 Louie Lighting
 Louis Poulsen Lighting
 Lucid Lighting
 Lucifer Lighting
 Lumid
 Luminis, Con.Daz, Lutrex
 Luraline
 Luxo
 LYX Furniture & Light
 Magic Lite
 Martin Architectural
 Merlin Lighting
 Meyda Tiffany
 Michael Webb
 Mike Stoahe Lighting
 Modular International
 Modulightor
 Moonlight Tiffanies
 Murray Feiss Import
 New Grand Light
 Nicor
 NlightN
 Nora Lighting
 Noral Lighting
 Nuallight
 Nutech Lighting
 Ocean State Lighting
 Optiled Technology
 Ora Lighting
 Packaged Lighting Systems
 Pathway Lighting Products
 Pauluhn Electric
 Pegasus Associates Lighting
 Portfolio/Cooper Lighting
 Prescott
 Progress Lighting
 Pure Lighting
 Quality Lighting Design
 Rambusch Lighting
 Remcraft Lighting Products
 Roodken
 Ruud Lighting
 Scangift
 Sea Gull Lighting Products
 Security Lighting Systems
 SELUX
 Sirius
 Sistemalux
 Soho Lighting
 Solux Design
 Space Lighting
 Specialty Lighting
 Specialty Lighting Industries
 Spectrum Lighting
 Step 1 Designs
 Stone County Ironworks
 Sunpark Electronics
 Swivelier
 Sylvan Designs
 Tally Ho Lighting
 Targetti North America
 The Brighton Collection
 THHC Lighting
 Think Lighting
 Thomas Contract Lighting
 Thomas Lighting Canada
 TMS Lighting
 Topaz Lighting
 Tresco International
 Tri North Lighting
 Triarch Industries
 Ultralights Architectural
 Lighting
 Urban Archaeology
 USA Illumination
 Vantage Luminaires
 VGK Lighting
 Viazuzzo
 Visa Lighting
 Vision Landscape Lighting
 Vision3 Lighting
 Visioneering
 W.A.C. Lighting
 Waldmann Lighting
 Wever & Ducre
 Xenon Architectural Lighting
 Zelco Industries
 Zumtobel Lighting

EXIT/EMERGENCY

555 Design Fabrication
 Management
 Access Lighting
 Action Lighting
 AH Lighting
 Alcco Lighting
 American Acrylic
 American Lighting
 American Permalight
 Anvil Design Corporation
 AstraLite
 AtLite/Cooper Lighting
 Badger Lite Company
 Bartco Lighting
 Best Lighting Products
 Big Beam Emergency
 Systems
 Concaelite
 Cooper Lighting

Crescent Lighting
Crownlite Mfg.
Custom Lighting
Cyberlux
Day-Brite Capri Omega
Deco Lighting
DMF Lighting
Dura Architectural Signage
E-Lite Technologies
Eclipse Lighting
Edison Price Lighting
Eico Lighting
Emergi-Lite
EncapSulte International
Engineered Lighting
Products
Envisionlight
Epoch Enterprise
Evenlite
Exitronix
Fail-Safe/Cooper Lighting
Fiberstars
Fios USA
Forge Europa
G Squared
GBL LED Lighting
Gemini One Five Luminaires
Gilbert Industries
Gobbsmak Design
Guth Lighting
Highlites
Holphane
Homasote
Hubbell Lighting
IEPC
Infinity Lighting
Isolite
Jessup Manufacturing
Johnsonite
Juno Lighting Group
Kenat Lighting
Khatod Optoelectronic
Killark
Kirfin Company
LEDtronics
Legion Lighting
Lendar Design
LightAlarms
Lightolier
Lightworld.com
Lion Industries
Lite Tech
Liton Lighting
Los Angeles Lighting
Louie Lighting
Lucifer Lighting
Lumark/Cooper Lighting
Lumenform Industries
Lumid
Luraline
Merlin Lighting
Mike Stoane Lighting
Miller OEM Supplies
Mule Lighting
Newstar
Nico
Nora Lighting
Nuallight
NuArt Lighting Products
Nutech Lighting
OptiLed Technology
OSRAM Opto
Semiconductors
Office Electronic Lighting
Paraflex Lighting
Pathway Lighting Products
Pauluhn Electric
Pegasus Associates Lighting
Pompeian Manufacturing
Progress Lighting
Prolume
Pure Lighting
Quality Sourcing Services
Rud Lighting
S.R.B. Technologies
Security Lighting Systems
Self-Powered Lighting
Siltron Emergency Systems
Sirius
Specialty Lighting Industries
SPI Lighting
Step 1 Dezigns
Sunnex
Sunpark Electronics
Swiveller
The Light Edge
Urban Archaeology
VGK Lighting
Waldmann Lighting
Wide-Lite
Xenon Architectural Lighting

Architectural Lighting Works
Award Winning Lighting &
Exhibit Designers
Bartco Lighting
Brodwax Lighting
C.H. Briggs
Carter Products
CeeLite
CGF Design
Consult Lighting
Cooper Lighting
Crownlite Mfg.
Custom Elements
Custom Lighting
d'ac Lighting
Dainolite
Day-Brite Capri Omega
Dazor Mfg.
Donovan Design
Duray Fluorescent
EasyLite Integrated Lighting
Systems
Eclipse Lighting
Elumina Technology
EncapSulte International
Energetic Lighting
Energie Lighting
Engineered Lighting
Products
Esco Lighting
Estiluz
ETC (Electronic Theatre
Controls)
ETC Architectural
Fail-Safe/Cooper Lighting
Fiberstars
Filtrona Extrusion
Focal Point
Foresight Lighting
FSC Lighting
G Squared
Geni-Strut
Gilbert Industries
Gobbsmak Design
Guth Lighting
H. E. Williams
Higuchi USA
Holphane
Homasote
Humanscale
IEPC
Illumination Management
Solutions
Infinity Lighting
Inspired Sales
Kania Lighting Systems
Khatod Optoelectronic
KW/2 Lighting Products
LAM Lighting Systems
Legion Lighting
Light Craft
Lite Source
Liteco Sales
Liton Lighting
Los Angeles Lighting
Louie Lighting
Lucifer Lighting
Lumark/Cooper Lighting
Lumid
Luraline
Luxo
Merlin Lighting
Norai Lighting
Nuallight
Packaged Lighting Systems
Paramount Industries
Pauluhn Electric
Philip Goldin Associates
Phoenix Products Company
Pioneer Lighting
Pure Lighting
Quality Lighting Design
RSA Lighting
Sirius
Specialty Lighting Industries
SPI Lighting
Step 1 Dezigns
Sunnex
Sunpark Electronics
Swiveller
The Light Edge
Urban Archaeology
VGK Lighting
Visioneering
W.A.C. Lighting
Waldmann Lighting
Wide-Lite
Xenon Architectural Lighting

**INDUSTRIAL/
FLUORESCENT/HID**
1st Source Lighting
2C Simon Morris Associates
555 Design Fabrication
Management
Access Lighting
Action Lighting
AH Lighting
AlBEO Technologies
Alexandra Lighting Systems
Alumen 8
American Acrylic
American Lighting
Anvil Design Corporation
Arc Lighting Systems
Arch Lighting Group (ALS,
Davis/Mueller, Rae Lighting)
Architectural Lighting Works
Ardron-Mackie
AttLite/Cooper Lighting
Badger Lite Company
Bartco Lighting
Belfer Group -
Belfer/Radiant/EuroLiteUSA
BEST Lights
Beta Lighting
Brodwax Lighting
CGF Design

Columbia Lighting
Consult Lighting
Cooper Lighting
Corelite/Cooper Lighting
Crescent Lighting
Crownlite Mfg.
Custom Lighting
D'Lights by SPJ Lighting
Day-Brite Capri Omega
Dazor Mfg.
Deco Lighting
Delray Lighting
Delux Custom Lighting
Donovan Design
Duray Fluorescent
EasyLite Integrated Lighting
Systems
Eclipse Lighting
Elumina Technology
EncapSulte International
Energetic Lighting
Energie Lighting
Engineered Lighting
Products
Esco Lighting
Estiluz
ETC (Electronic Theatre
Controls)
ETC Architectural
Fail-Safe/Cooper Lighting
Fiberstars
Filtrona Extrusion
Focal Point
Foresight Lighting
FSC Lighting
G Squared
Geni-Strut
Gilbert Industries
Gobbsmak Design
Guth Lighting
H. E. Williams
Higuchi USA
Holphane
Homasote
Howard Industries
IEPC
inductionlighting.com
Infinity Lighting
Inlite
Inspired Sales
Intense Lighting
Invue Lighting Systems
Jesco Lighting Group
Jadian Lighting
Kania Lighting Systems
Kelsey-Kane Lighting
Kenall Lighting
Khatod Optoelectronic
Killark
Kirfin Company
Kurtzon Lighting
KW/2 Lighting Products
LAM Lighting Systems
LaMar Lighting Company
Lancaster Glass
Legion Lighting
Lighting Services Inc
Lightway Industries
Liton Lighting
Los Angeles Lighting
Louie Lighting
Louis Poulsen Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumax Industries
Lumenform Industries
Lumid
Luraline
Luxo
McGraw-Edison/Cooper
Lighting
Merlin Lighting
Mayda Tiffany
MWS Modular Wiring
Systems/Cooper Lighting
Nemco Architectural Lighting
Neo-Ray/Cooper Lighting
Nessen Lighting
Newstar
North Star/Thorn Lighting
NRL Lighting Products
Nuallight
NuArt Lighting Products
Nutech Lighting
One Step Lighting
Pacific Lighting & Electrical
Paraflex Lighting
Paramount Industries
Pathway Lighting Products
Pauluhn Electric
Phoenix Products Company
Pioneer Lighting
Portfolio/Cooper Lighting
Prudential Lighting
Pure Lighting
Quality Lighting Design
Quality Sourcing Services
Renova Lighting Systems
Resolute
RSA Lighting
Rud Lighting
Security Lighting Systems
Sirius
Solera
Specialty Lighting Industries

SPI Lighting
Sportlite
Step 1 Dezigns
Stonco Lighting
Sunnex
Sunpark Electronics
The Designers Edge
The Light Edge
Thomas Research Products
U.S. Energy Sciences
Urban Archaeology
Vantage Luminaires
VGK Lighting
Visionaire Lighting
Visioneering
W.A.C. Lighting
Waldmann Lighting
WF Harris Lighting
Wide-Lite
Xenon Architectural Lighting
Zumbobel Lighting

TRACK
Accent Kitchen & Bath,
Access Lighting
Action Lighting
Alexandra Lighting Systems
Alico Industries
Altman Lighting
Ambiance Lighting Systems
American Acrylic
American Lighting
Amerlux Lighting Solutions
Anvil Design Corporation
Architectural Lighting Works
Ardee Lighting
Artoart Lighting
Avanti Lighting
Besa Lighting
Boston Retail
Brodwax Lighting
Bruck Lighting Systems
C.H. Briggs
Cal Lighting
CE Lighting of North America
Cooper Lighting
Custom Elements
Day-Brite Capri Omega
DMF Lighting
Donovan Design
Eclipse Lighting
Edison Price Lighting
Eico Lighting
Elliptipar
EncapSulte International
Energie Lighting
Engineered Lighting
Products
ERCO Lighting
Eureka Lighting
Eurofase
EUTRAC
Exhibit and Display Truss
Fabbian USA
FarLight
FC Lighting
Fiberstars
Filtrona Extrusion
Fios USA
Fox Electric Supply
G Squared
Geni-Strut
Global Lighting
Glucksman Lighting Products
Gobbsmak Design
Gray Glass
H. E. Williams
Halo/Cooper Lighting
Hamstead Lighting
Hera Lighting
Homasote
IEPC
Illuminating
Experiences/Nemo
Inlite
Intense Lighting
Jesco Lighting Group
Journée Lighting
Juno Lighting Group
Kania Lighting Systems
Kenwell International USA
Khatod Optoelectronic
Light Craft Mfg.
Light Waves Concept
Lighting Services Inc
Lightolier
Lightology
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumid
Luraline
Magic Lite
Mario Contract Lighting
Martin Architectural
Merlin Lighting
Mike Stoane Lighting
Mills Architectural Lighting
Mole-Richardson
New Grand Light
Nico
Nora Lighting
OptiLed Technology
Pegasus Associates Lighting
Phantom Lighting Systems
Planlicht USA

PLC Lighting
Prescolite
Progress Lighting
Pure Lighting
Quality Lighting Design
Quality Sourcing Services
R3diffusion
Radionic Hi-Tech/Radionic
Industries
Renaissance Contract
Lighting & Furnishings
Rud Lighting
Sea Gull Lighting Products
Security Lighting Systems
Selecon USA
Sirius
Sistemlux
Solux Design
Spark Lighting International
Specialty Lighting
Specialty Lighting Industries
Spectrum Lighting
Step 1 Dezigns
Sunpark Electronics
Sunset Lighting and Fans
Swiveller
Targetti North America
Task Lighting
Tazz Lighting
Tech Lighting
Teron Lighting (TLI)
THHC Lighting
Thomas Contract Lighting
Times Square Lighting
Translite Sonoma
Urban Archaeology
VGK Lighting
Visual Products and Sales
W.A.C. Lighting
Waldmann Lighting
Xenon Architectural Lighting
Zelco Industries
Zumbobel Lighting

WALL WASHERS
2C Simon Morris Associates
AC Lighting Design
Access Lighting
Act One Communications
Action Lighting
Adventures In Copper/A.I.C.
Lighting
Alco Lighting
Alumen 8
Ambiance Lighting Systems
American Acrylic
American Lighting
AmeriTec Lighting
Amerlux Lighting Solutions
Anvil Design Corporation
Arc Lighting Systems
Arch Lighting Group (ALS,
Davis/Mueller, Rae Lighting)
Architectural Lighting Works
Ardee Lighting
Ardron-Mackie
Art Lighting Gallery
ATG Electronics
AttLite/Cooper Lighting
Award Winning Lighting &
Exhibit Designers
BACI by Remcraft
Barbizon Electric
Beachside Lighting
BEGA/US
Belfer Group -
Belfer/Radiant/EuroLiteUSA
Birchwood Lighting
BL Innovative Lighting
Brodwax Lighting
BronzArt Lighting
C.W. Cole & Company
Celestial Lighting
CGF Design
Charles Loomis
Chauvet
Color Kinetics
Columbia Lighting
Contrast Lighting ML
Cooper Lighting
Corelite/Cooper Lighting
Craft Metal Products
CraftsmanOutdoorLighting.com
Crescent Lighting
Crownlite Mfg.
Custom Elements
Custom Lighting
Cyberlux
Day-Brite Capri Omega
Day-O-Lite Manufacturing
Delray Lighting
Delux Custom Lighting
Dialight Corporation
DMF Lighting
Donovan Design
Dremscape Lighting
Duray Fluorescent
E-Lite Technologies
Eclipse Lighting
Edison Price Lighting
Elliptipar
EncapSulte International
Energie Lighting
Engineered Lighting
Products
ERCO Lighting

ETC Architectural
Eurofase
FarLight
Fiberstars
Finelite
Focal Point
Forge Europa
Fox Electric Supply
G Squared
Gammalux Systems
Gilbert Industries
Gladstone Industries
Corporation
Gobbsmak Design
Gray Glass
Guth Lighting
H. E. Williams
Hallmark Lighting
Halo/Cooper Lighting
Harold's Fine Home Lighting
Holphane
Homasote
IEPC
Illuminating
Experiences/Nemo
Illumination Management
Solutions
Illumivision
Inlite
Insight Lighting
Intense Lighting
IO Lighting
Iris Lighting/Cooper Lighting
ITRE-LuxLuce
J&J Electronics
J.H. Lighting
Jesco Lighting Group
Juno Lighting Group
Kania Lighting Systems
Khatod Optoelectronic
Kichler Lighting Group
Kirfin Company
Kozo Lighting
Kramer Lighting
Kurt Varsen
KW/2 Lighting Products
LAM Lighting Systems
LaMar Lighting Company
Ladalite Architectural
Products
Legion Lighting
Laucos USA
Light Craft Mfg.
Light Waves Concept
Lighting & Electronics
Lighting Services Inc
Lightolier
Lightolier Controls
Lite Makers
Lite Source
Litecontrol
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumux Lighting
Luraline
Martin Architectural
McFadden Trend Lighting
Merlin Lighting
Metalumen Mfg.
Meteor Light & Sound
Mayda Tiffany
Mike Stoane Lighting
Milnex Designer Lights
Modular International
Modulighter
Mole-Richardson
Neo-Ray/Cooper Lighting
Nippo
Nora Lighting
Noral Lighting
North Star/Thorn Lighting
Nuallight
Nutech Lighting
Ocean Optics
Ocean State Lighting
OptiLed Technology
Ora Lighting
Orgatech + Omegalux
OSRAM Opto
Semiconductors
Pathway Lighting Products
Phantom Lighting Systems
Philip Goldin Associates
Phoenix Products Company
Pioneer Lighting
Prescolite
Prudential Lighting
Pure Lighting
Quality Lighting Design
R3diffusion
Rambusch Lighting
Remcraft Lighting Products
RSA Lighting
Rud Lighting
Sage Lighting
Sea Gull Lighting Products
Selecon USA
SELUX
Shaper Lighting/Cooper
Lighting
Sirius
Solux Design
Specialty Lighting Industries

Spectrum Lighting
SPI Lighting
Starfire Lighting
Step 1 Dezigns
Sterling Products
Sunpark Electronics
Super Vision International
Targetti North America
Tech Lighting
Techni-Lux
The Light Edge
Think Lighting
Thomas Lighting Canada
Times Square Lighting
Traxon Technologies
Tri North Lighting
Trinity Lighting
Urban Archaeology
USA Illumination
Vantage Luminaires
Versailles Lighting
VGK Lighting
Visa Lighting
Vision Landscape Lighting
Visionaire Lighting
Visual Lighting Technologies
W.A.C. Lighting
Waldmann Lighting
Wide-Lite
Wildfire
Winona Lighting
Wybron
Xenon Architectural Lighting
Zaneen Lighting
Zumbobel Lighting

**LIGHT SOURCES
CATHODE & NEON**
Access Lighting
ACDC Lighting Systems
Action Lighting
American Acrylic
American Lighting
Anvil Design Corporation
Atlantic Ultraviolet
ATR Lighting Enterprises
Donovan Design
EGL Company
EncapSulte International
Fiberstars
GE Consumer & Industrial
Gobbsmak Design
Gotham Architectural
Lighting
Homasote
Innovative Lighting
International Light
Technologies
Jesco Lighting Group
Khatod Optoelectronic
Light Waves Concept
Lighting & Electronic Design
Lighting Sales Connection
Liton Lighting
Lucifer Lighting
Lumax Industries
Lumid
Lumux Lighting
Luraline
Manhattan Neon Sign
Merlin Lighting
Neon Design
Neon Signs Depot
Neon-led electronic Lighting
Factory
Pure Lighting
Signal-Tech
Specialty Lighting Industries
Star Lighting Products
Step 1 Dezigns
Sunpark Electronics
Swon Design
Tresco International
Urban Archaeology
VGK Lighting
Waldmann Lighting

COMPACT FLUORESCENT
1st Source Lighting
555 Design Fabrication
Management
A.L.P. Lighting Components
AAMSCO Lighting
AC Lighting Design
Access Lighting
Action Lighting
Aero-Tech Light Bulb
AH Lighting
Alexandra Lighting Systems
Alumen 8
American Acrylic
American Fluorescent
American Lighting
Ammetrix/Cooper Lighting
Antares Enterprises
Anvil Design Corporation
Aqua Creations USA
Architectural Lighting Works
Ark Lighting
ATR Lighting Enterprises
Badger Lite Company
Barbizon Electric
Bartco Lighting
Baselite
Basic Source, The
Bethel International

- Bieber Lighting
Birchwood Lighting
Brandon Industries
Brodwax Lighting
Brownlee Lighting
Bulbrite Industries
Bulbtronics
Cal Lighting
Candella Lighting
CE Lighting of North America
Celestial Lighting
Christopher Lighting
Classic Illuminations
Coronet Chandelier Originals
Crownlite Mfg.
CS Lighting
CV Lighting
De Sisti Lighting
Delray Lighting
Delux Custom Lighting
Designers Fountain
Donovan Design
Eiko
ELA Lighting
Elco Lighting
EncapSulite International
Energetic Lighting
Energie Lighting
Engineered Lighting
Estiluz
Eurofase
Evergreen Lighting
Exciting Lighting
Fabbian USA
Felt Electric
Fiberstars
Flux
Focal Point
Focus Industries
Forms-Surfaces
Fulham
Full Spectrum Solutions
GE Consumer & Industrial
Geni-Strut
George King Associates
Gilbert Industries
Ginger - Motiv
Gladstone Industries
Gobbsmak Design
Gotham Architectural
Gressman Supply
Guth Lighting
Halco Lighting
Hamstead Lighting
Haworth
Heath/Zenith
Hemera
Herwig Lighting
Homasote
Hudson Valley Lighting
Humanscale
Hunza Lighting USA
Insight Lighting
Intense Lighting
Interlec Corporation
Jefferson Art Lighting
Jesco Lighting Group
Jiadian Lighting
Kenwell International USA
Khatod Optoelectronic
Kichler Lighting Group
Killark
Kirlin Company
Kozo Lighting
Kurt Versen
L.C. Doane Company
LBL Lighting
Ledalite Architectural
LEDs c/o MLG Contract
Leucos USA
Light Ideas International
Light Sources
LightBulbDistributor.com
Lighting Edge
Lightspann Illumination
Design
Lightworld.com
Lite Tech
Liteco Sales
Litronics
International/Duro-Lite
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumetta
Luraline
Matthews Fan/WPT Design
Merlin Lighting
Meyda Tiffany
Mills Architectural Lighting
Mole-Richardson
Mule Lighting
Newstar
Newt Glass
Niagara Conservation
Northwest Lighting Systems
Nutech Lighting
- Omega Too
Orgatech + Ornegalux
Osram Sylvania
Panasonic
Pathway Lighting Products
Pemco Lighting Products
Pennsylvania Globe Gaslight
Philips Lighting (Canada)
Philips Lighting
Pioneer Lighting
Prisma Architectural Lighting
Pure Lighting
Quozel
R3diffusion
Rambusch Lighting
Regency Lighting
Renaissance Contract
Lighting & Furnishings
Sage Lighting
Schoolhouse Electric
SELUX
Sentry Electric
Shine Lighting
Silttron Emergency Systems
Sirius
Smith-Victor Corporation
Space Lighting
Special FX Lighting
Specialty Lighting
Spero Electric
Sportlite
St. Louis Antique Lighting
Star Lighting Products
Steel Partners
Step 1 Dezigns
Sternberg Lighting
Steven Handelman Studios
Sunnex
Sunpark Electronics
Targetti North America
Technical Consumer
Products
Teron Lighting (TLI)
The Original Cast Lighting
THHC Lighting
Thin-Lite
Thomas Contract Lighting
Topaz Lighting
Translite Sonoma
Trend Lighting
Trinity Lighting
Trojan
Tungda Electrical & Lighting
Ultralights Architectural
Lighting
Urban Archaeology
Ushio America
Uspar Enterprises
Verilux
Versailles Lighting
VGK Lighting
Vision3 Lighting
Visioneering
W.A.C. Lighting
Waldmann Lighting
Westinghouse Lighting
Corporation
Wide-Lite
Wildfire
Xenon Architectural Lighting
- ELECTROLUMINESCENT**
Acceleroptics
Access Lighting
Action Lighting
American Acrylic
American Lighting
Anvil Design Corporation
Califormeon Lighting
Caelite
Donovan Design
E-Lite Technologies
EncapSulite International
GE Consumer & Industrial
Gobbsmak Design
Homasote
Khatod Optoelectronic
Light Sources
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Merlin Lighting
Metomic
Philips Lighting
Pure Lighting
Rogers, Durel Division
Space Lighting
Specialty Lighting Industries
Step 1 Dezigns
Teron Lighting (TLI)
Urban Archaeology
VGK Lighting
Waldmann Lighting
- HALOGEN**
AAMSCO Lighting
Access Lighting
Action Lighting
Adesso
Aero-Tech Light Bulb
- AH Lighting
Alexandra Lighting Systems
Alico Industries
Altman Lighting
American Acrylic
American Lighting
Ametrix/Cooper Lighting
Anvil Design Corporation
Architectural Lighting Works
ATR Lighting Enterprises
B-L Technologies
BACI by Remcraft
Barbizon Electric
Barco Lighting
Basic Source, The
Beachside Lighting
Biclite USA
Birchwood Lighting
Brandon Industries
Bridgeport Magnetics/Torran
Brodwax Lighting
BronzArt Lighting
Brownsburg Elektronik
Bulbrite Industries
Bulbtronics
C.H. Briggs
Cal Lighting
CE Lighting of North America
Charles Edwards
Classic Illuminations
Craft Metal Products
Custom Elements
CV Lighting
De Sisti Lighting
Deep Landing Workshop
Delux Custom Lighting
Donovan Design
Eiko
Elco Lighting
Elumina Technology
EncapSulite International
Engineered Lighting
Engineered Lighting
Products
Exciting Lighting
EYE Lighting International of
North America
Felt Electric
Fiberstars
Focal Point
Focalor
Focus Industries
Frankie
FX Luminaire
GE Consumer & Industrial
Geni-Strut
Gladstone Industries
Gobbsmak Design
Gotham Architectural
Lighting
GranitFiandre
GSD Productions
Halco Lighting
Hamstead Lighting
Harold's Fine Home Lighting
Heath/Zenith
Hemera
Higuchi USA
Holkoetter International
Homasote
Hubbell Lighting
Hudson Valley Lighting
Hunza Lighting USA
Insight Lighting
Intense Lighting
Intermatic
International Light
Technologies
Jefferson Art Lighting
Jesco Lighting Group
Kania Lighting Systems
Khatod Optoelectronic
Kichler Lighting Group
Kirlin Company
Kurt Versen
La Murrina
LBL Lighting
LEDs c/o MLG Contract
Leucos USA
Light Craft Mfg.
Light Ideas International
Light Sources
Light Waves Concept
Lighting & Electronics
Lite Tech
Litronics
International/Duro-Lite
Liton Lighting
Louie Lighting
Luceptan USA
Lucifer Lighting
Lumenton Lighting
Lumetta
Lumid
Lumisphere USA
Luraline
Merlin Lighting
Meteo Light & Sound
Metomic
Meyda Tiffany
Mitronix
- Modulightor
Mole-Richardson
Newt Glass
Nite Lites
NiteLites Franchise Systems
O'Ryan Industries
Ocean Optics
Optic-Light
Osram Sylvania
Packaged Lighting Systems
Pegasus Associates Lighting
Philips Lighting (Canada)
Philips Lighting
Primalite
Prisma Architectural Lighting
Promolux Lighting
International
Pure Lighting
Quasar Holland
Quozel
R3diffusion
Rambusch Lighting
Regency Lighting
Remcraft Lighting Products
Renoma Lighting
Rockden
RSL Landscape Lighting
Selecon USA
Shine Lighting
Silttron Emergency Systems
Sirius
Smith-Victor Corporation
Solux Design
Space Lighting
Specialty Lighting Industries
St. Louis Antique Lighting
Star Lighting Products
Step 1 Dezigns
Stern Lighting
Sunlite Mfg.
Sunnex
Sunpark Electronics
Targetti North America
Task Lighting
Teron Lighting (TLI)
TerraDek Lighting
The Designers Edge
The Italbrass Group
THHC Lighting
Thomas Contract Lighting
TMS Lighting
Topaz Lighting
Touchstone Accent Lighting
Trend Lighting
Tresco International
Triarch Industries
Tungda Electrical & Lighting
Urban Archaeology
Ushio America
Verilux
VGK Lighting
Vision Landscape Lighting
Vision3 Lighting
Visual Products and Sales
W.A.C. Lighting
Waldmann Lighting
Westinghouse Lighting
Corporation
Yamagiwa USA
- HIGH-PRESSURE SODIUM**
AAMSCO Lighting
Access Lighting
Action Lighting
AH Lighting
American Acrylic
American Lighting
Anvil Design Corporation
Arc Lighting Systems
Ark Lighting
ATR Lighting Enterprises
Baselite
Bieber Lighting
Brandon Industries
Brownlee Lighting
Bulbrite Industries
Bulbtronics
CE Lighting of North America
Consult Lighting
Deco Lighting
Delux Custom Lighting
Donovan Design
Eiko
ELA Lighting
EncapSulite International
EYE Lighting International of
North America
Felt Electric
Fiberstars
Focus Industries
GE Consumer & Industrial
Gobbsmak Design
Gotham Architectural
Lighting
Halco Lighting
Heath/Zenith
Herwig Lighting
Higuchi USA
Homasote
Idaho Wood
IEPC
Interlec Corporation
Intermatic
Khatod Optoelectronic
- Killark
King Luminaire
Kirlin Company
L.C. Doane Company
LightBulbDistributor.com
Lite Tech
Liton Lighting
Louie Lighting
Lucifer Lighting Company
Lumenform Industries
Lumenton Lighting
Lumid
Luminis, Con.Daz, Lutrex
Luraline
Merlin Lighting
Metomic
Meyda Tiffany
Miller OEM Supplies
Newstar
Northwest Lighting Systems
Osram Sylvania
Pemco Lighting Products
Pennsylvania Globe Gaslight
Philips Lighting (Canada)
Philips Lighting
Primalite
Pure Lighting
Regency Lighting
Robinson Iron
SELUX
Sentry Electric
Sequoia Lighting
Shat-R-Shield
Space Lighting
Special FX Lighting
Specialty Lighting Industries
Spero Electric
St. Louis Antique Lighting
Star Lighting Products
Step 1 Dezigns
Sternberg Lighting
Steven Handelman Studios
Sunlite Mfg.
Sunnex
Stern Lighting
Steven Handelman Studios
Sunlite Mfg.
Teron Lighting (TLI)
The Designers Edge
Trojan
Tungda Electrical & Lighting
Urban Archaeology
US Architectural Lighting -
Sun Valley Lighting
Ushio America
VGK Lighting
Waldmann Lighting
Wide-Lite
- INCANDESCENT**
1 World Class Lighting
20th Century Lighting
555 Design Fabrication
Management
AAMSCO Lighting
AC Lighting Design
Access Lighting
Action Lighting
Adesso
Aero-Tech Light Bulb
Alexandra Lighting Systems
Altman Lighting
American Acrylic
American Lighting
American Period Lighting
Anvil Design Corporation
Architectural Lighting Works
Ark Lighting
ATR Lighting Enterprises
Authentic Designs Colonial &
Early American Lighting
Barbizon Electric
BarDel International
Barco Lighting
Baselite
Basic Source, The
Beachside Lighting
Bieber Lighting
Birchwood Lighting
Bone Simple Design
Brandon Industries
Bulbrite Industries
Bulbtronics
C.L. Sterling & Son
Cal Lighting
Celestial Lighting
Charles Edwards
Classic Illuminations
Copperworks Lighting
Coronet Chandelier Originals
Coronet Mfg.
Craft Metal Products
Crescent Lighting
CV Lighting
David Landis Workshop
Deep Landing Workshop
Delux Custom Lighting
Design Elements
Designers Fountain
DMF Lighting
Donovan Design
Eiko
ELA Lighting
Elco Lighting
EncapSulite International
Engineered Lighting
- Products
Entourage LA
Estiluz
Eurofase
Evergreen Lighting
Exciting Lighting
Fabbian USA
Felt Electric
Fiberstars
Flux
Focal Point
Focus Industries
Frankie
Full Spectrum Solutions
FX Luminaire
GE Consumer & Industrial
George King Associates
Ginger - Motiv
Gladstone Industries
Gobbsmak Design
Gotham Architectural
Lighting
GSD Productions
H. A. Framburg & Co
Halco Lighting
Hamstead Lighting
Heath/Zenith
Hemera
Herbeau Creations of
America
Herwig Lighting
Holkoetter International
Homasote
Hubbell Lighting
Hudson Valley Lighting
Intense Lighting
Interlec Corporation
International Light
Technologies
Jefferson Art Lighting
Jesco Lighting Group
Kenwell International USA
Khatod Optoelectronic
Kichler Lighting Group
Killark
Kirlin Company
Kozo Lighting
Kurt Versen
La Murrina
LEDs c/o MLG Contract
Leucos USA
Light Craft Mfg.
LightBulbDistributor.com
Lighting & Electronic Design
Lightspann Illumination
Design
Lightworld.com
Lion Industries
Lite Makers
Lite Tech
Litronics
International/Duro-Lite
Liton Lighting
Louie Lighting
Lt. Moses Willard
Luceptan USA
Lucifer Lighting
Lumenton Lighting
Lumetta
Lumid
Luraline
Matthews Fan/WPT Design
Merlin Lighting
Metalor Light & Sound
Metomic
Meyda Tiffany
Mills Architectural Lighting
Mitronix
Mole-Richardson
Moon Shine Lamp and
Shade
Moonlight Tiffanies
Murray Feiss Import
National Specialty Lighting
Newstar
Newt Glass
O'Ryan Industries
Omega Too
Osram Sylvania
Palmer Hargrave
Parkdale Products
Paul Decorative Products
Pemco Lighting Products
Pennsylvania Globe Gaslight
Phantom Lighting Systems
Philips Lighting (Canada)
Philips Lighting
Prisma Architectural Lighting
Promolux Lighting Int.
Pure Lighting
Quasar Holland
Quozel
R3diffusion
Rambusch Lighting
Regency Lighting
Remains Lighting
Remcraft Lighting Products
Renaissance Contract
Lighting & Furnishings
Robinson Iron
Rockden
RSL Landscape Lighting
Schoolhouse Electric
- Shady Lady
Shat-R-Shield
Shine Lighting
Signal-Tech
Silttron Emergency Systems
Sirius
Smith-Victor Corporation
Space Lighting
Special FX Lighting
Special Lite Products
Specialty Lighting
Specialty Lighting Industries
Spero Electric
St. Louis Antique Lighting
Star Lighting Products
Steel Partners
Step 1 Dezigns
Steven Handelman Studios
Targetti North America
Task Lighting
Teron Lighting (TLI)
TerraDek Lighting
The Brighton Collection
The Italbrass Group
THHC Lighting
Thomas Contract Lighting
Times Square Lighting
Tokistar Lighting
Topaz Lighting
Toyo Trading
Translite Sonoma
Trend Lighting
Tresco International
Triarch Industries
Trinity Lighting
Trojan
Ultralights Architectural
Lighting
Urban Archaeology
Ushio America
Verilux
Versailles Lighting
VGK Lighting
Vision3 Lighting
W.A.C. Lighting
Waldmann Lighting
Westinghouse Lighting
Corporation
Wildfire Mfg.
Wybron
Yamagiwa USA
Zia-Priven Design
- LIGHT-EMITTING DIODES (LEDs)**
2C Simon Morris Associates
Aadoro
Access Lighting
ACDC Lighting Systems
Act One Communications
Action Lighting
Advanced Lighting Systems
AltoEco Technologies
Alexandra Lighting Systems
Altman Lighting
American Acrylic
American Lighting
Another Planet Lighting
Architectural Lighting Works
Ardron-Mackie
ATG Electronics
ATR Lighting Enterprises
Award Winning Lighting &
Exhibit Designers
Axess Industries
Barbizon Electric
Barco Lighting
Basic Source, The
Birchwood Lighting
BronzArt Lighting
Bronzelle
Bruck Lighting Systems
Bulbrite Industries
Bulbtronics
CE Lighting of North America
CECOL
Celestial Lighting
Chauvet
Christopher Lighting
Color Kinetics
Craft Metal Products
Cree
Crescent Lighting
CV Lighting
Cyberlux
Delta Light
Dialight Corporation
DMF Lighting
Donovan Design
Duralled Lighting
Technologies
EGL Company
Eiko
Element Labs
Elumina Technology
EncapSulite International
Energie Lighting
Engineered Lighting
Products
enLux Lighting
eStar Lighting
Everlite
Exciting Lighting

FarLight
Fiberstars
Firefly Technology
Forge Europa
Forms+Surfaces
Frankie
Gallium Lighting
GBL LED Lighting
GE Consumer & Industrial
Gilbert Industries
Glucksman Lighting Products
Gobbsmak Design
Gotham Architectural Lighting
GranitiFiandre
Heatron
Herwig Lighting
Homasote
Hubbell Lighting
Hunza Lighting USA
iLight Technologies
Illumination Management Solutions
Illumivision
Intense Lighting
Intermatic
International Light Technologies
IO Lighting
J&J Electronics
James Thomas Engineering
Jesco Lighting Group
Journée Lighting
Justin
Kania Lighting Systems
Khatod Optoelectronic
Khatod Optoelectronic Spa
Kichler Lighting Group
Kingbright
Kirin Company
L.C. Doane Company
Lamina Ceramics
LED Effects
LED Neon Light
LEDtronics
Light Craft Mfg.
Light Ideas International
Light Waves Concept
LightBulbDistributor.com
Lighting & Electronic Design
Lighting & Electronics
Lightology
Lion Industries
Lite Tech
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumatec Lighting
Lumenform Industries
Lumenyte International
Lumenton Lighting
Lumetta
Lumid
Lumifluent Technologies
Lumiron
Lumux Lighting
Luraline
Marktech Optoelectronics
Merlin Lighting
Meyda Tiffany
Michael Webb
Miller OEM Supplies
Milnax Designer Lights
Mitronix
Mule Lighting
National Specialty Lighting
Neon Signs Depot
Neon-led electronic Lighting Factory
Nichea
Nitelites Franchise Systems
NiightN
Nutech Lighting
O'Ryan Industries
Ocean Optics
OptiLED Technology
Opto Technology
OSRAM Opto
Semiconductors
Osram Sylvania
Office Electronic Lighting
PerkinElmer Optoelectronics
Philips Lighting
Philips LumiLeds Lighting
Prescolite
Prolume
Pure Lighting
Quasar Holland
Quozel
Regency Lighting
Renaissance Lighting
RSL Landscape Lighting
Sage Lighting
Schott North America
Siltron Emergency Systems
Sirius
StoanLED
SolarOne Solutions
Solux Design
Space Lighting
Special-T Lighting
Specialty Lighting Industries
Step 1 Designs
Stylmark

Sunpark Electronics
Targetti North America
Techni-Lux
Technical Consumer Products
TechniLite Systems
Think Lighting
TIR Systems
Tokistar Lighting
Traxon Technologies
Urban Archaeology
Ushio America
Vertex Lighting
VGK Lighting
Virginia Optoelectronics
Vision Landscape Lighting
Vision3 Lighting
Vossloh-Schwabe
Waldmann Lighting
Watt-Man LED Lighting
Westinghouse Lighting Corporation
Xilver B.V.

LINEAR FLUORESCENT
1st Source Lighting
555 Design Fabrication Management
A.L.P. Lighting Components
Sirius
AAMSCO Lighting
Access Lighting
Action Lighting
AH Lighting
Alexandra Lighting Systems
Alumen 8
American Acrylic
American Fluorescent
American Lighting
Architectural Lighting Works
ATR Lighting Enterprises
Axis Technologies
Badger Lite Company
Bartco Lighting
Basic Source, The
Bieber Lighting
Birchwood Lighting
Brodwax Lighting
Brownlee Lighting
Bulbrite Industries
Bultronics
Celestial Lighting
Chauvet
Christopher Lighting
Craft Metal Products
Crescent Lighting
Crowlrite Mfg.
CV Lighting
De Sisti Lighting
Delray Lighting
Design Elements
Donovan Design
Durray Fluorescent
Easylite Integrated Lighting Systems
Eiko
Element Labs
EncapSuite International
Energetic Lighting
Energie Lighting
Engineered Lighting Products
Estiluz
Evergreen Lighting
Exciting Lighting
Fait Electric
Fiberstars
Focal Point
Fulham
Full Spectrum Solutions
GE Consumer & Industrial
GLC Lighting
Gobbsmak Design
Guth Lighting
Halco Lighting
Hemera
Homasote
Innovative Lighting
Insight Lighting
Intense Lighting
Interlectric Corporation
Jesco Lighting Group
Khatod Optoelectronic
Kichler Lighting Group
Killark
Kirin Company
KW/2 Lighting Products
L.C. Doane Company
Ladalite Architectural Products
Leucos USA
Light Craft Mfg.
Light Sources
Lighting & Electronic Design
Lighting & Electronics
Lighting Edge
Lightspan Illumination Design
Litelectrics
International/Duro-Lite
Liton Lighting
Louie Lighting
Louvers International
Luceplan USA
Lucifer Lighting

Lumenton Lighting
Lumid
Luminis, Con.Daz, Lutrex
Luraline
Merlin Lighting
Meyda Tiffany
Newstar
Nippo
Northwest Lighting Systems
Orgatech + Omegalux
Osram Sylvania
Panasonic
Paramount Industries
Philips Lighting (Canada)
Philips Lighting
Pioneer Lighting
Pompeian Manufacturing
Promolux Lighting International
Prudential Lighting
Pure Lighting
Regency Lighting
Renaissance Contract Lighting & Furnishings
Renova Lighting Systems
Sage Lighting
SELUX
Shat-R-Shield
Shine Lighting
Sirius
Smith-Victor Corporation
Space Lighting
Special FX Lighting
Specialty Lighting
Specialty Lighting Industries
Spectronics
Spero Electric
St. Louis Antique Lighting
Star Lighting Products
Step 1 Designs
Sunnex
Sunpark Electronics
Targetti North America
Technical Consumer Products
TechniLite Systems
Teron Lighting (TLI)
Thomas Contract Lighting
Times Square Lighting
Topaz Lighting
Trinity Lighting
Trojan
Tungda Electrical & Lighting
Urban Archaeology
Ushio America
Uspar Enterprises
Verilux
Versailles Lighting
VGK Lighting
Visioneering
W.A.C. Lighting
Waldmann Lighting
Westinghouse Lighting Corporation
Zhenjiang Welkin Electronics

LOW-PRESSURE SODIUM
Access Lighting
Action Lighting
American Acrylic
American Lighting
American Lighting
ATR Lighting Enterprises
Bieber Lighting
Bulbrite Industries
Donovan Design
Element Labs
EncapSuite International
Engineered Lighting
GE Consumer & Industrial
Gobbsmak Design
Gotham Architectural Lighting
Herwig Lighting
Homasote
IEPC
Jefferson Art Lighting
Khatod Optoelectronic
Kirin Company
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Merlin Lighting
Meyda Tiffany
Osram Sylvania
Pamco Lighting Products
Philips Lighting (Canada)
Philips Lighting
Pure Lighting
Sequoia Lighting
Space Lighting
Specialty Lighting Industries
St. Louis Antique Lighting
Step 1 Designs
Thin-Lite
Topaz Lighting
Urban Archaeology
US Architectural Lighting -
Ushio America
VGK Lighting
Waldmann Lighting

MERCURY
Access Lighting
Action Lighting
Aero-Tech Light Bulb
AH Lighting
American Acrylic
American Lighting
ATR Lighting Enterprises
Brandon Industries
Bulbrite Industries
CE Lighting of North America
Donovan Design
Eiko
Element Labs
EncapSuite International
EYE Lighting International of North America
Fait Electric
Focus Industries
GE Consumer & Industrial
Gobbsmak Design
Gressman Supply
Halco Lighting
Hanovia UV
Herwig Lighting
Homasote
Interlectric Corporation
Intermatic
Khatod Optoelectronic
Killark
Kirin Company
Light Sources
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenform Industries
Lumenton Lighting
Lumid
Luminis, Con.Daz, Lutrex
Luraline
Merlin Lighting
Meteor Light & Sound
Mills Architectural Lighting
Newstar
Nile Lites
Northwest Lighting Systems
Nutech Lighting
One Step Lighting
Optic-Light
Orgatech + Omegalux
Osram Sylvania
Philips Lighting (Canada)
Philips Lighting
Pure Lighting
Robinson Iron
Shat-R-Shield
Specialty Lighting Industries
Spectronics
St. Louis Antique Lighting
Star Lighting Products
Step 1 Designs
The Designers Edge
Topaz Lighting
Trojan
Tungda Electrical & Lighting
Urban Archaeology
Ushio America
VGK Lighting
Waldmann Lighting

METAL HALIDE
Access Lighting
Action Lighting
Aero-Tech Light Bulb
AH Lighting
Altman Lighting
American Acrylic
American Lighting
Amatrix/Cooper Lighting
Arc Lighting Systems
Architectural Lighting Works
Ark Lighting
ATR Lighting Enterprises
Barbizon Electric
Bartco Lighting
Baselite
Beachside Lighting
BEST Lighting
Bieber Lighting
Brandon Industries
Brownlee Lighting
Bulbrite Industries
CE Lighting of North America
Concaslite
Consult Lighting
De Sisti Lighting
Deco Lighting
Delray Lighting
Delux Custom Lighting
DMF Lighting
Donovan Design
Eiko
ELA Lighting
Elco Lighting
Element Labs
EncapSuite International
Energie Lighting
Engineered Lighting
ETC Architectural
Eurofase
EYE Lighting International of North America
Fait Electric
Fiberstars
Focal Point
Focus Industries
GE Consumer & Industrial
Geni-Strut
Gobbsmak Design
Guth Lighting
Halco Lighting
Hanovia UV

Herwig Lighting
Higuchi USA
Homasote
Idaho Wood
IEPC
Insight Lighting
Intense Lighting
Interlectric Corporation
Intermatic
Jefferson Art Lighting
Jesco Lighting Group
Kania Lighting Systems
Khatod Optoelectronic
Killark
King Luminaire
Kirin Company
Kurt Versen
L.C. Doane Company
LBL Lighting
Light Ideas International
LightBulbDistributor.com
Lighting & Electronics
Lite Tech
Litronics
International/Duro-Lite
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenform Industries
Lumenton Lighting
Lumid
Luminis, Con.Daz, Lutrex
Luraline
Merlin Lighting
Meteor Light & Sound
Mills Architectural Lighting
Newstar
Nile Lites
Northwest Lighting Systems
Nutech Lighting
One Step Lighting
Optic-Light
Orgatech + Omegalux
Osram Sylvania
Paramount Industries
Pathway Lighting Products
Pamco Lighting Products
Pennsylvania Globe Gaslight
Philips Lighting (Canada)
Philips Lighting
Primelite
Prisma Architectural Lighting
Promolux Lighting Int.
Pure Lighting
Rambusch Lighting
Regency Lighting
Robinson Iron
Ruud Lighting
Sage Lighting
Sealeon USA
Sentry Electric
Sequoia Lighting
Shat-R-Shield
Sirius
Solux Design
Special FX Lighting
Specialty Lighting Industries
St. Louis Antique Lighting
Star Lighting Products
Step 1 Designs
Sternberg Lighting
Sterner Lighting
Steven Handelman Studios
Sunpark Electronics
Targetti North America
Teron Lighting (TLI)
The Designers Edge
Times Square Lighting
Topaz Lighting
Trojan
Tungda Electrical & Lighting
Urban Archaeology
US Architectural Lighting -
Sun Valley Lighting
Ushio America
Venture Lighting International
VGK Lighting
Vision3 Lighting
W.A.C. Lighting
Waldmann Lighting
Wide-Lite
Wildfire
Wybron

SPECIALTY
#1 Laser Light Show
Equipment and Event Rentals
Access Lighting
555 Design Fabrication Management
Aadoro
AAMSCO Lighting
Access Lighting
Action Lighting
Aero-Tech Light Bulb
Altman Lighting
American Acrylic
American Lighting
Arc Lighting Systems
Architectural Lighting Works
Atlantic Ultraviolet
BarDel International
Biclite USA
Birchwood Lighting

Bulbrite Industries
Bultronics
C.H. Briggs
Circle Redmont
D.I.G.S.
De Sisti Lighting
Deco Lighting
Delux Custom Lighting
Donovan Design
Eiko
ELA Lighting
Element Labs
EncapSuite International
Energie Lighting
Esco Lighting
eStar Lighting
Evarlite
EYE Lighting International of North America
Fait Electric
Fiberstars
GAMPProducts
Gilbert Industries
Glendstone Industries Corporation
Gobbsmak Design
Gold Leaf Design Group
Guth Lighting
Halco Lighting
Hanovia UV
Heatron
Homasote
iLight Technologies
Interlectric Corporation
Khatod Optoelectronic
King Luminaire
Kirin Company
LED Neon Light
Legendary Lighting
Leviton
Light Sources
Light Waves Concept
Litronics
International/Duro-Lite
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Merlin Lighting
Meteor Light & Sound
Metomic
Meyda Tiffany
Milnax Designer Lights
Mole-Richardson
Navitar
Nitelites Franchise Systems
NiightN
Nutech Lighting
Ocean Optics
One Step Lighting
Optic-Light
Philips Lighting (Canada)
Philips Lighting
Phoebus Manufacturing
Pure Lighting
Renaissance Contract Lighting & Furnishings
Renaissance Lighting
Sealeon USA
Sentry Electric
Sequoia Lighting
Shat-R-Shield
StoanLED
Smith-Victor Corporation
Special FX Lighting
Specialty Lighting Industries
Spectronics
St. Louis Antique Lighting
Step 1 Designs
Swon Design
Targetti North America
Terra Furniture
THHC Lighting
Times Square Lighting
Traxon Technologies
Trojan
Tubular Skylight
Tungda Electrical & Lighting
Urban Archaeology
Ushio America
Uttermost
Verilux
Versailles Lighting
VGK Lighting
W.A.C. Lighting
Waldmann Lighting
Westinghouse Lighting Corporation
Wide-Lite
Wildfire
WILFIRE

XENON
#1 Laser Light Show
Equipment and Event Rentals
Access Lighting
Action Lighting
Alexandra Lighting Systems
Alico Industries
American Acrylic
American Fluorescent
American Lighting

Architectural Lighting Works
B-Light USA
Barbizon Electric
Bartco Lighting
Basic Source, The
Biclite USA
Birchwood Lighting
Bridgeport Magnetics/Torran
Brodwax Lighting
C.H. Briggs
Celestial Lighting
Crescent Lighting
CV Lighting
Design Elements
Donovan Design
Eiko
Element Labs
EncapSuite International
Exciting Lighting
Focus Industries
FX Luminaire
Gobbsmak Design
Hampstead Lighting
Higuchi USA
Holtkoetter International
Hoskoer
Intense Lighting
International Light Technologies
Jesco Lighting Group
Khatod Optoelectronic
Kichler Lighting Group
Kozo Lighting
La Sorgente Glass Studio
LBL Lighting
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumetta
Lumid
Lumisphere USA
Luraline
Matthews Fan/WPT Design
Merlin Lighting
National Specialty Lighting
Ocean Optics
Osram Sylvania
Pegasus Associates Lighting
Phantom Lighting Systems
Philips Lighting
Phoebus Manufacturing
Pure Lighting
Renaissance Contract Lighting
Rockden
RSL Landscape Lighting
Siltron Emergency Systems
Sirius
Smith-Victor Corporation
Solar Light Company
Specialty Lighting Industries
Step 1 Designs
Strong Entertainment
Lighting
Sunpark Electronics
Targetti North America
Task Lighting
TerraDek Lighting
THHC Lighting
Tokistar Lighting
Touchstone Accent Lighting
Trend Lighting
Tresco International
Tungda Electrical & Lighting
Ultraights Architectural Lighting
Ushio America
Verilux
VGK Lighting
Vision Landscape Lighting
Vision3 Lighting
Visual Products and Sales
W.A.C. Lighting
Waldmann Lighting
Xenon

OTHER LIGHT MEASUREMENT EQUIPMENT
#1 Laser Light Show
Equipment and Event Rentals
Access Lighting
Action Lighting
AEMC Instruments
American Acrylic
American Lighting
Electronics Diversified Inc.(EDI)
Element Labs
EncapSuite International
Fiberstars
Gobbsmak Design
Homasote
Huygen
Independent Testing Laboratories (ITL)
International Light Technologies
Konica Minolta
Labsphere
Liton Lighting
Louie Lighting

Lucifer Lighting
Lumenton Lighting
Lumetrix
Lumid
Luraline
Mole-Richardson
Ocean Optics
Optikon
Osram Sylvania
Photo Research
Pure Lighting
Quantum Instruments
Renaissance Lighting
Solar Light Company
Specialty Lighting Industries
Spectra Cine
Spectronics
Step 1 Dezigns
The Cooke Corporation
Urban Archaeology
VGK Lighting
Waldmann Lighting
Watt Stopper/Lagrand

SOFTWARE
#1 Laser Light Show
Equipment and Event Rentals
Acceleroptics
Access Lighting
Action Lighting
American Acrylic
American Lighting
Architectural Energy
Axxess Industries
Chauvet
Color Kinetics
Columbia Lighting
Cooper Lighting
Douglas Lighting Controls
Dynamite
Easyfite Integrated Lighting Systems
EchoMail
Electronics Diversified Inc. (EDI)
Element Labs
EncapSuite International
ETC (Electronic Theatre Controls)
EUTRAC
Fiberstars
Gobbsmak Design
GSD Productions
Homasote
IEPC
Independent Testing Laboratories (ITL)
International Light Technologies
Lambda Research
Lighting Analysts
Lighting Technologies
Liton Lighting
Lojik Design Systems
Lovie Lighting
Lucifer Lighting
Lumatec Lighting
Lumenton Lighting
Lumetrix Corp
Lumid
Luminvision
Luraline
Luxicon/Cooper Lighting
Nicolaudie America
Ocean Optics
Orloff Computer Services
Pure Lighting
Renaissance Lighting
Solar Light Company
Specialty Lighting Industries
Step 1 Dezigns
TAC
Unique Lighting Systems
Urban Archaeology
YGK Lighting
Waldmann Lighting
Wildfire
Wybron

OUTDOOR LUMINAIRES CANOPY MOUNT
#1 Laser Light Show
Equipment and Event Rentals
1st Source Lighting
2C Simon Morris Associates
555 Design Fabrication Management
Access Lighting
Action Lighting
Adirondack Studios
Aero Themic Shields
ALLscape
Alumen 8
American Acrylic
American Lighting
AmeriTec Lighting
Amatrix/Cooper Lighting
Art Lighting Gallery
Artcraft Lighting
Authentic Designs Colonial & Early American Lighting

Award Winning Lighting & Exhibit Designers
BACI by Remcraft
Baja West
Baldinger Architectural Lighting
Beachside Lighting
BEGA/US
Beta Lighting
Beta-Calco
Bieber Lighting
BK Lighting
BronzeLite
Brownlee Lighting
CGF Design
Circle Redmont
Color Kinetics
Cooper Lighting
CopperMoon
Craft Metal Products
CraftsmanOutdoorLighting.com
Craftsmen Hardware
Crownlite Mfg.
Custom Lighting
Cyclone Lighting
Dabmar Lighting
Dahlhaus Lighting
Day-Brite Capri Omega
Deep Landing Workshop
Delux Custom Lighting
Designers Fountain
Dinco Products
DMF Lighting
Donovan Design
Duray Fluorescent
Eclipse Lighting
Element Labs
Elliptipar
Eisco Lighting Products
EncapSuite International
Energie Lighting
enLux Lighting
Esco Lighting
Exhibit and Display Truss
Fabulux
Fail-Safe/Cooper Lighting
FC Lighting
Fiberstars
Focus Industries
Fourteenth Colony Lighting
FX Luminaire
Gardco Lighting
Garden Light
Gladstone Industries
GSD Productions
Global Lighting
Gobbsmak Design
H. A. Framburg & Co
H. E. Williams
Hanover Lantern
Heath/Zenith
Heritage Lanterns
Herwig Lighting
HessAmerica
Hevi Lite
Historical Arts & Casting
Holophane
Homasote
Howard Industries
Hudson Valley Lighting
Hunza Lighting USA
Hydrel
Ideal Electric
IEPC
inductionlighting.com
Inflight Lighting
Inter-Global
Intermatic
International Ironworks
Invue Lighting Systems
J.H. Lighting
Jesco Lighting Group
Justice Design Group
Kelsey-Kane Lighting
Kanall Lighting
Khatod Optoelectronic
Legendary Lighting
Legion Lighting
Light Ideas International
Lightway Industries
Lite Source
Liton Lighting
Lovie Lighting
Louis Poulsen Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumenform Industries
Lumenton Lighting
Lumid
Lumiere/Cooper Lighting
Luminis, Con.Daz, Lutrex
Luraline
Matthews Fan/WPT Design

Maxim Lighting International
McGraw-Edison/Cooper Lighting
Merlin Lighting
Meyda Tiffany
Michaels' Lighting
Minka Group (Minka Lavery, Minka Aire, Metropolitan, George Kovacs, Ambience)
Moda Lighting
Moon Shine Lamp and Shade
Murray Feiss Import
Nemco Architectural Lighting
Newstar
Nightscaping By Lorán
Nite Lites
NiteLites Franchise Systems
Noral Lighting
North Star/Thorn Lighting
Nuallight
NuArt Lighting Products
Omega Too
One Step Lighting
Paramount Industries
Pathway Lighting Products
Pennsylvania Globe Gaslight
Phoenix Products Company
Prudential Lighting
Pure Lighting
Quality Sourcing Services
Quozel
R3diffusion
Remains Lighting
Renaissance Lighting
Roy Electric Antique Lighting
RSL Landscape Lighting
Ruud Lighting
Schröder
Scientific Lighting Products
Security Lighting Systems
SNOC
Soho Lighting
Solar Electric Power (SEPCO)
Solera
Space Lighting
Specialty Lighting Industries
Spectrum Lighting
Spero Electric
Spring City Electrical Mfg.
Step 1 Dezigns
Steven Handelman Studios
Stonco Lighting
Sunpark Electronics
Swiveler
Tazz Lighting
TEKA Illumination
Teron Lighting (TLI)
The Federalist
The Light Edge
Thomas Contract Lighting
Thomas Lighting Canada
Triarch Industries
Ultralights Architectural Lighting
Unique Lighting Systems
Urban Archaeology
US Architectural Lighting - Sun Valley Lighting
Vantage Luminaires
Versailles Lighting
VGK Lighting
Visio Lighting by Beacon Products
Vision3 Lighting
Visionaire Lighting
Waldmann Lighting
We-of Lighting USA
Wide-Lite
Winona Lighting

FLOODLIGHT
ABS Lighting
Access Lighting
Action Lighting
Aero Themic Shields
AH Lighting
ALLscape
American Acrylic
American Lighting
Amatrix/Cooper Lighting
Arc Lighting Systems
Ark Lighting
BACI by Remcraft
Beachside Lighting
BEGA/US
Beta Lighting
Bieber Lighting
BK Lighting
BronzeLite
Brownlee Lighting
CGF Design
Circle Redmont
Concealite
Consult Lighting
Cooper Lighting
Crownlite Mfg.
Dabmar Lighting
Day-Brite Capri Omega
DMF Lighting
Donovan Design
Dreamscape Lighting
Duray Fluorescent

Eclipse Lighting
Elco Lighting
Element Labs
Eisco Lighting Products
EncapSuite International
Energie Lighting
enLux Lighting
Envisionlight
ERCO Lighting
Esco Lighting
FarLight
FC Lighting
Focus Industries
Gardco Lighting
Garden Light
Gobbsmak Design
GranitiFiandre
GSD Productions
Hadco
Heath/Zenith
HessAmerica
Hevi Lite
Higuchi USA
Holophane
Homasote
Howard Industries
Hunza Lighting USA
Hydrel
illumivision
inductionlighting.com
Infinity Lighting
Insight Lighting
Intermatic
Invue Lighting Systems
IO Lighting
J&J Electronics
James Thomas Engineering
Jesco Lighting Group
Kelsey-Kane Lighting
Khatod Optoelectronic
Kichler Lighting Group
Killark
Kim Lighting
Kurtzon Lighting
Light Ideas International
Lighting & Electronic Design
Lightway Industries
Lighthouse
Liton Lighting
Louie Lighting
LSI Greenlee Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumenform Industries
Lumenton Lighting
Lumid
Lumiere/Cooper Lighting
Lumux Lighting
Luraline
Martin Architectural
McGraw-Edison/Cooper Lighting
Merlin Lighting
Meteor Light & Sound
Michael Webb
Mole-Richardson
Nico
Nightscaping By Lorán
Nite Lites
NiteLites Franchise Systems
Noral Lighting
North Star/Thorn Lighting
NRL Lighting Products
NuArt Lighting Products
Orgatec + Omegalux
Office Electronic Lighting
Paraflex Lighting
Pauluhn Electric
Phoenix Manufacturing
Phoenix Products Company
Progress Lighting
Pure Lighting
Quality Lighting
Quality Sourcing Services
RAB Lighting
Remcraft Lighting Products
Renaissance Lighting
RSL Landscape Lighting
Ruud Lighting
Schröder
Sea Gull Lighting Products
Security Lighting Systems
SELUX
Sistemalux
Smart Industries
SNOC
SOL (Solar Outdoor Lighting)
Solar Electric Power (SEPCO)
Solera
Special Lite Products
Specialty Lighting Industries
Star Lighting Products
Steinel
Step 1 Dezigns
Sterner Lighting
Stonco Lighting
Strong Entertainment Lighting
Sunpark Electronics
Sunset Lighting and Fans
Super Vision International

Swiveler
Sylvan Designs
Tahoe Lighting
Tazz Lighting
Techni-Lux
TEKA Illumination
Teron Lighting (TLI)
TerraDek Lighting
The Designers Edge
Thomas Lighting Canada
Touchstone Accent Lighting
Unique Lighting Systems
Urban Archaeology
US Architectural Lighting - Sun Valley Lighting
Uspar Enterprises
VGK Lighting
Virginia Optoelectronics
Visio Lighting by Beacon Products
Vision3 Lighting
Visionaire Lighting
Vista Professional Outdoor Lighting
Visual Products and Sales
Waldmann Lighting
We-of Lighting USA
WF Harris Lighting
Wide-Lite
Wildfire
Winona Lighting
Wyron

LANDSCAPE/PATH/WATER
#1 Laser Light Show
Equipment and Event Rentals
Aadoro
Access Lighting
ADCC Lighting Systems
Act One Communications
Action Lighting
Adventures In Copper/A.I.C. Lighting
AibEO Technologies
ALLscape
Ambiance Lighting Systems
American Acrylic
American Lighting
American Period Lighting
AmeriTec Lighting
Another Planet Lighting
Arc Lighting Systems
Architectural Details
Ardee Lighting
ATG Electronics
Award Winning Lighting & Exhibit Designers
Beachside Lighting
Beller Group - Beller/Radiant/EuroLite/USA
Berdalite Flexible Neon
Bie Bie
Bis Bis
BK Lighting
BL Innovative Lighting
Brandon Industries
Brass Light Gallery
BronzArt Lighting
BronzeLite
CGF Design
Circle Redmont
Color Kinetics
Cooper Lighting
CopperMoon
Corona Lighting
CS Lighting
Customlightstyles
D'Lights by SPJ Lighting
Dabmar Lighting
Dahlhaus Lighting
Deep Landing Workshop
Dialight Corporation
Donovan Design
Dreamscape Lighting
Eclipse Lighting
Element Labs
Elliptipar
EncapSuite International
Energie Lighting
Engineered Lighting Products
enLux Lighting
Epoch Enterprise
Exciting Lighting
FarLight
FC Lighting
Fiberstars
Forge Europa
Forms+Surfaces
FX Luminaire
Gardco Lighting
Garden Light
Gaslite America West
GBL LED Lighting
Gladstone Industries Corporation
Gobbsmak Design
GranitiFiandre
Gressman Supply
H. A. Framburg & Co
Hadco
Hanover Lantern
Harold's Fine Home Lighting

Heritage Lanterns
Herwig Lighting
HessAmerica
Hevi Lite
Higuchi USA
Hinkley Lighting
Holophane
Homasote
Howard Industries
Hunza Lighting USA
Hydrel
Idaho Wood
IEPC
illumination Management Solutions
Intense Lighting
Inter-Global
Intermatic
International Ironworks
Invue Lighting Systems
IO Lighting
J&J Electronics
J.H. Baxter Timberwood Products
Jesco Lighting Group
Kelsey-Kane Lighting
Kerr Lighting
Khatod Optoelectronic
Kichler Lighting Group
Kim Lighting
King Luminaire
La Sorpente Glass Studio
Lancaster Glass
Latigo Lights
LEDtronics
Legendary Lighting
Light Ideas International
Lighting & Electronic Design
Lighting Edge
Lighting Sales Connection
Lightology
Lightstreams
Lightway Industries
Lightworld.com
Liton Lighting
Louie Lighting
Louis Poulsen Lighting
LSI Greenlee Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumatec Lighting
Lumca
Lumec
Lumenton Lighting
Lumid
Lumiere/Cooper Lighting
Lumiron
Lumisphere USA
Luraline
Martin Architectural
McGraw-Edison/Cooper Lighting
Merlin Lighting
Meyda Tiffany
Milnex Designer Lights
Modular International
New Grand Light
Nightscaping By Lorán
Nite Lites
NiteLites Franchise Systems
Noral Lighting
Nuallight
NuArt Lighting Products
O'Ryan Industries
One Step Lighting
Optic-Light
OptiLED Technology
Orgatec + Omegalux
Packaged Lighting Systems
Pamco Lighting Products
Philips Lighting
Phoenix Products Company
Prisma Architectural Lighting
Progress Lighting
Pure Lighting
Quality Lighting
Quality Sourcing Services
R3diffusion
RAB Lighting
Reed Bros
Robinson Iron
Rockden
Roman Fountains
RSL Landscape Lighting
Ruud Lighting
Ryther-Purdy Lumber
Schröder
Sea Gull Lighting Products
Security Lighting Systems
Sequoia Lighting
Shaper Lighting/Cooper Lighting
Sistemalux
SloanLED
Smart Industries
SNOC
Soho Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power (SEPCO)
SolarOne Solutions
Solera
Space Lighting

Special Lite Products
Specialty Lighting Industries
Spring City Electrical
Step 1 Dezigns
Sterner Lighting
Stonco Lighting
Stone County Ironworks
Sunpark Electronics
Swiveler
Sylvan Designs
Tahoe Lighting
Talisman Glass
Targett North America
Tazz Lighting
Techni-Lux
TEKA Illumination
Terra Furniture
TerraDek Lighting
The Designers Edge
The Midtowne Group/Paver Light
THHC Lighting
Ultralights Architectural Lighting
Unique Lighting Systems
Urban Archaeology
US Architectural Lighting - Sun Valley Lighting
VGK Lighting
Viabizzuno
Victor Illuminating
Virginia Optoelectronics
Vision Landscape Lighting
Vision3 Lighting
Visionaire Lighting
Vista Professional Outdoor Lighting
Visual Lighting Technologies
Visual Products and Sales
Waldmann Lighting
We-of Lighting USA
WF Harris Lighting
Winona Lighting
Wybron

POLE MOUNT
#1 Laser Light Show
Equipment and Event Rentals
ABS Lighting
Access Lighting
Action Lighting
Adventures In Copper/A.I.C. Lighting
Aero Themic Shields
ALLscape
American Acrylic
American Lighting
American Period Lighting
AmeriTec Lighting
Anchor Lighting
Andy Thornton
Arc Lighting Systems
Architectural Details
Artcraft Lighting
Authentic Designs Colonial & Early American Lighting
Ball & Ball
Baselite
BEGA/US
Bea Lighting
Beta Lighting
Bieber Lighting
BK Lighting
Boston Retail
Brandon Industries
Brownlee Lighting
C.W. Cole & Company
CGF Design
Charleston Lighting & Mfg.
Circle Redmont
Consult Lighting
Cooper Lighting
Corbett Lighting, division of Troy-CSL Lighting
Craft Metal Products
Craftmade International
Customlightstyles
Cyclone Lighting
Dabmar Lighting
Dahlhaus Lighting
Day-Brite Capri Omega
Deco Lighting
Deep Landing Workshop
Dinco Products
Donovan Design
Eclipse Lighting
ELA Lighting
Element Labs
Elliptipar
Eisco Lighting Products
EncapSuite International
Energie Lighting
enLux Lighting
Esco Lighting
Exhibit and Display Truss
Fine Architectural
Metalsmiths
Forms+Surfaces
Fourteenth Colony Lighting
Gardco Lighting
Garden Light
Gladstone Industries Corporation

Gobbsmak Design
GSD Productions
H. A. Framburg & Co
Haddo
Hammerton
Hanover Lantern
Herwig Lighting
HessAmerica
Hevi Lite
Hinkley Lighting
Holophane
Homasote
Hunza Lighting USA
Hydrel
Idaho Wood
IEPC
Illumination Management
Solutions
Inter-Global
Intermatic
International Ironworks
Invue Lighting Systems
J.H. Baxter Timberwood
Products
James Thomas Engineering
Jesco Lighting Group
Kelsey-Kane Lighting
Khatod Optoelectronic
Kichler Lighting Group
Kim Lighting
King Luminaire
La Sorgente Glass Studio
Lantern Masters
Legendary Lighting
Light Ideas International
Lightway Industries
Liton Lighting
Louie Lighting
Louis Poulsen Lighting
Louvers International
LSI Greenlee Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumca
Lumec
Lumenform Industries
Lumenton Lighting
Lumid
Lumiere/Cooper Lighting
Luminis, Con.Daz, Lutrex
Luraline
Main Street Lighting
Maris Lighting
Maxim Lighting International
McFadden Trend Lighting
McGraw-Edison/Cooper
Lighting
Merlin Lighting
Meyda Tiffany
Michaels' Lighting
Minka Group (Minka Lavery,
George Kovacs, Ambience)
Moda Lighting
Modular International
Murray Feiss Import
Nemco Architectural Lighting
Nightscaping By Lorán
Nite Lites
NiteLites Franchise Systems
Noral Lighting
North Star/Thorn Lighting
Nualight
NuArt Lighting Products
Old South Lamp
One Step Lighting
Pennsylvania Globe Gaslight
Phoenix Products Company
PowerSelect
Progress Lighting
Pure Lighting
Quality Lighting
Quality Sourcing Services
Quoizel
R3diffusion
Reed Bros
Rejuvenation
Robinson Iron
RSL Landscape Lighting
Rud Lighting
Schréder
Security Lighting Systems
SELUX
Sentry Electric
Sequoia Lighting
SNOC
Soho Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power
(SEPCO)
SolarOne Solutions
Solera
Special Lite Products
Specialty Lighting Industries
Spring City Electrical
Star Lighting Products
Steel Partners
Step 1 Dezigns
Sternberg Lighting
Stern Lighting
Steven Handelman Studios
Stonco Lighting
Sunset Lighting and Fans

Sylvan Designs
Talisman Glass
TEKA Illumination
The Federalist
Thin-Lite
TMS Lighting
Ultralights Architectural
Lighting
Unique Lighting Systems
Urban Archaeology
US Architectural Lighting -
Sun Valley Lighting
Versailles Lighting
VGK Lighting
Victor Illuminating
Visio Lighting by Beacon
Products
Vision3 Lighting
Visionaire Lighting
Vista Professional Outdoor
Lighting
Waldmann Lighting
We-el Lighting USA
WF Harris Lighting
Wide-Lite

ROADWAY

#1 Laser Light Show
Equipment and Event
Rentals
ABS Lighting
Access Lighting
Act One Communications
Action Lighting
Aero Themic Shields
Aero-Tech Light Bulb
American Acrylic
American Lighting
Arc Lighting Systems
Beta Lighting
Bieber Lighting
BL Innovative Lighting
Brandon Industries
CaeLite
CGF Design
Circle Redmont
Consult Lighting
Cooper Lighting
Cyclone Lighting
Dahlhaus Lighting
Dialight Corporation
Donovan Design
Eclipse Lighting
Element Labs
EncapSuite International
Lumenton Lighting
Homasote
IEPC
Illumination Management
Solutions
Intermatic
J&J Electronics
J.H. Baxter Timberwood
Products
Kelsey-Kane Lighting
Khatod Optoelectronic
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Merlin Lighting
Nightscaping By Lorán
NiteLites Franchise Systems
Pure Lighting
Renaissance Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power
(SEPCO)
SolarOne Solutions
Specialty Lighting Industries
Step 1 Dezigns
Stonco Lighting
Urban Archaeology
VGK Lighting
Virginia Optoelectronics
Waldmann Lighting
We-el Lighting USA

Sentry Electric
Sequoia Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power
(SEPCO)
SolarOne Solutions
Solera
Specialty Lighting Industries
Spring City Electrical
St. Louis Antique Lighting
Step 1 Dezigns
Sternberg Lighting
Stern Lighting
Stonco Lighting
Tahoe Lighting
Urban Archaeology
US Architectural Lighting -
Sun Valley Lighting
VGK Lighting
Viabizzuno
Virginia Optoelectronics
Visio Lighting by Beacon
Products
Visionaire Lighting
Waldmann Lighting
We-el Lighting USA
Wide-Lite

ROADWORK

#1 Laser Light Show
Equipment and Event
Rentals
Access Lighting
Action Lighting
American Acrylic
American Lighting
BL Innovative Lighting
Brownsburg Elektronik
C.W. Cole & Company
CGF Design
Circle Redmont
Dahlhaus Lighting
Donovan Design
E-Lite Technologies
Eclipse Lighting
Element Labs
EncapSuite International
Lumenton Lighting
Homasote
IEPC
Illumination Management
Solutions
Intermatic
J&J Electronics
J.H. Baxter Timberwood
Products
Kelsey-Kane Lighting
Khatod Optoelectronic
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Merlin Lighting
Nightscaping By Lorán
NiteLites Franchise Systems
Pure Lighting
Renaissance Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power
(SEPCO)
SolarOne Solutions
Specialty Lighting Industries
Step 1 Dezigns
Stonco Lighting
Urban Archaeology
VGK Lighting
Virginia Optoelectronics
Waldmann Lighting
We-el Lighting USA

WALL/STEP

1st Source Lighting
A-19
Aador
Access Lighting
Action Lighting
Adirondack Studios
Adventures In Copper/A.I.C.
Lighting
Aero Themic Shields
AlbEO Technologies
Allscape
Altman Lighting
Ambiance Lighting Systems
American Acrylic
American Lighting
AmenTec Lighting
Andy Thornton
Another Planet Lighting
Arc Lighting Systems
Architectural Details
Art Deco Decor
Arctcraft Lighting
Authentic Designs Colonial &
Early American Lighting
Award Winning Lighting &
Exhibit Designers
Baldinger Architectural
Lighting
Ball & Ball
Beachside Lighting
BEGA/US

Beeper Group -
Beffer/Radiant/Euroilite USA
Besa Lighting
Beta Lighting
Beta-Caico
Bieber Lighting
BL Innovative Lighting
Brandon Industries
BronzArt Lighting
Bronzelite
Brownlee Lighting
C.L. Sterling & Son
C.W. Cole & Company
Califormeon Lighting
California Tool & Die
CaeLite
CGF Design
Charles Edwards
Charles Loomis
Charleston Lighting & Mfg.
Christopher Thomson
Ironworks
Circle Redmont
Color Kinetics
Conant Custom Brass
Cooper Lighting
CopperMoon
Corbett Lighting, division of
Troy-CSL Lighting
Craftmade International
Craftsmen Hardware
Access Lighting
Customlightstyles
Cyclone Lighting
d'ac Lighting
Dabmar Lighting
Dahlhaus Lighting
Day-Brite Capri Omega
Delux Custom Lighting
Dialight Corporation
Dinco Products
Donovan Design
Donovan Lighting
Dreamscape Lighting
Duray Fluorescent
E-Lite Technologies
Eclipse Lighting
Element Labs
Elliptipar
Elisco Lighting Products
Elumina Technology
EncapSuite International
Energie Lighting
Engineered Lighting
Products
enLux Lighting
ERCO Lighting
ESCO Lighting
eStar Lighting
Estiluz
Evergreen Lighting
Everlite
Fabulux
Fail-Safe/Cooper Lighting
FarLight
FC Lighting
Fiberstars
Focus Industries
Forge Europa
Fourteenth Colony Lighting
FX Luminaire
Gardco Lighting
Garden Light
Gaslite America West
GBL LED Lighting
Geni-Strut
Gladstone Industries
Corporation
Gobbsmak Design
GrantiFiandre
H. A. Framburg & Co
Haddo
Halo/Cooper Lighting
Hammerton
Hanover Lantern
Heath/Zenith
Herwig Lighting
HessAmerica
Hevi Lite
Highlites
Hinkley Lighting
Historical Arts & Casting
Holophane
Homasote
Homascope
Howard Industries
Hubbardton Forge
Hudson Valley Lighting
Hunza Lighting USA
Hydrel
Idaho Wood
IEPC
SolarOne Solutions
Space Lighting
Special Lite Products
Specialty Lighting Industries
Spectrum Lighting
SPI Lighting
Spring City Electrical
Steel Partners
Steinel
Step 1 Dezigns
Steven Handelman Studios
Stonco Lighting
Sunpark Electronics
Swiveler

Jesco Lighting Group
Justice Design Group
Kane Shrader
Kelsey-Kane Lighting
Kenali Lighting
Kerr Lighting
Khatod Optoelectronic
Kichler Lighting Group
Kim Lighting
Kramer Lighting
La Sorgente Glass Studio
Lantern Masters
Latigo Lights
Legendary Lighting
Light Ideas International
Lightolier
Lightology
Lightstreams
Lightworld.com
Lite Source
Liton Lighting
Louie Lighting
Louis Poulsen Lighting
LSI Greenlee Lighting
LSI Industries
Lucifer Lighting
Lumark/Cooper Lighting
Lumec
Lumenform Industries
Lumenton Lighting
Lumid
Lumiere/Cooper Lighting
Lumifluent Technologies
Luminis, Con.Daz, Lutrex
Lumiron
Luraline
Maris Lighting
Maxim Lighting International
McGraw-Edison/Cooper
Lighting
Merlin Lighting
Meyda Tiffany
Michaels' Lighting
Mike Stoen Lighting
Mills Architectural Lighting
Milnax Designer Lights
Minka Group (Minka Lavery,
Minka Aire, Metropolitan,
George Kovacs, Ambience)
Moda Lighting
Modular International
Mule Lighting
National Specialty Lighting
Nicor
Nightscaping By Lorán
Nite Lites
NiteLites Franchise Systems
NighT
NRL Lighting Products
Nualight
O'Ryan Industries
Old South Lamp
Omega Too
One Step Lighting
OSRAM Opto
Semiconductors
Packaged Lighting Systems
Paraflex Lighting
Paramount Industries
Parkdale Products
Pathway Lighting Products
Philips Lighting
Phoenix Products Company
Prisma Architectural Lighting
Prolume
Pure Lighting
Quality Lighting
Quoizel
R3diffusion
Rejuvenation
Remains Lighting
Roberts Step-Lite Systems
RSL Landscape Lighting
Rud Lighting
Sage Lighting
Schréder
Security Lighting Systems
Sequoia Lighting
Shaper Lighting/Cooper
Lighting
Shell Light
Sistemalux
SloanLED
Smart Industries
SNOC
Soho Lighting
SOL (Solar Outdoor Lighting)
Solar Electric Power
(SEPCO)
SolarOne Solutions
Space Lighting
Special Lite Products
Specialty Lighting Industries
Spectrum Lighting
SPI Lighting
Spring City Electrical
Steel Partners
Steinel
Step 1 Dezigns
Steven Handelman Studios
Stonco Lighting
Sunpark Electronics
Swiveler

Sylvan Designs
Tahoe Lighting
Talisman Glass
Targett North America
Tazz Lighting
TEKA Illumination
Teron Lighting (TLI)
TerraDek Lighting
The Federalist
THHC Lighting
Thomas Lighting Canada
Toukistar Lighting
Touchstone Accent Lighting
Triarch Industries
Unique Lighting Systems
Urban Archaeology
US Architectural Lighting -
Sun Valley Lighting
Versailles Lighting
VGK Lighting
Viabizzuno
Victor Illuminating
Virginia Optoelectronics
Visio Lighting by Beacon
Products
Vision Landscape Lighting
Vision3 Lighting
Visionaire Lighting
Vista Professional Outdoor
Lighting
Visual Lighting Technologies
Waldmann Lighting
We-el Lighting USA
Westinghouse Lighting
Corporation
WF Harris Lighting
Wide-Lite
Winona Lighting

**SOLAR CONTROL/
DAYLIGHTING**

#1 Laser Light Show
Equipment and Event
Rentals
Access Lighting
Action Lighting
American Acrylic
American Lighting
Baja West
Circle Redmont
CPI Daylighting
E-Lite Technologies
EasyLite Integrated Lighting
Systems
Eclipse Lighting
Element Labs
Elumina Technology
EncapSuite International
Enoculum Technologies
Extronix
Gobbsmak Design
Heath/Zenith
Homasote
Hunter Douglas Contract
IEPC
Inter-Global
Intermatic
La Sorgente Glass Studio
Leviton
Light Ideas International
Lighthouse
Lighting Components
(LICONA)
LiteTouch
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
Lutron Electronics
Merlin Lighting
Novitas by Cooper Wiring
Devices
PLC Multipoint
Pure Lighting
Renaissance Contract
Lighting & Furnishings
Renaissance Lighting
So-Luminaire Daylighting
SolarOne Solutions
Solatube International
Solera
Specialty Lighting Industries
Step 1 Dezigns
Sunpark Electronics
Toyo Trading
Transform
Tubular Skylight
Universal Lighting
Technologies
Urban Archaeology
VGK Lighting
Wide-Lite
Wybron

**LIGHT PIPE/
TUBULAR SKYLIGHT**

#1 Laser Light Show
Equipment and Event
Rentals
Access Lighting
Action Lighting
American Acrylic
American Lighting
Architectural Energy
ATG Electronics
BronzArt Lighting
Califormeon Lighting
Circle Redmont
Duray Fluorescent
Eclipse Lighting
Element Labs
EncapSuite International
Gobbsmak Design
Homasote
Huvco - Daylighting Solutions
International Light
Technologies
Khatod Optoelectronic Spa
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Luraline
LYX Furniture & Light

**SPECIALTY
FIXTURES**

FIBER OPTICS
#1 Laser Light Show
Equipment and Event
Rentals
Luraline
LYX Furniture & Light

Martin Architectural
Merlin Lighting
Neon-led electronic Lighting
Factory
NlightN
North Star/Thorn Lighting
Optikinetics
Pure Lighting
Smith-Victor Corporation
SolarOne Solutions
Solatube International
Specialty Lighting Industries
Step 1 Dezigns
Sun Pipe
Topaz Lighting
Tubular Skylight
Urban Archaeology
Velux America
VGK Lighting
Virginia Optoelectronics
Waldmann Lighting

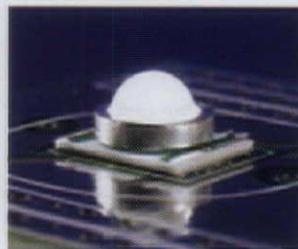
LINEAR STRIP

(Rope/Tube/String)
#1 Laser Light Show
Equipment and Event
Rentals
Aadoro
Access Lighting
Act One Communications
Action Lighting
Advanced Lighting Systems
Alexandra Lighting Systems
American Acrylic
American Lighting
ATG Electronics
Bendalite Flexible Neon
BL Innovative Lighting
Califormeon Lighting
Chauvet
Circle Redmont
Color Kinetics
CS Lighting
Custom Elements
CV Lighting
Dainolite
Dialight Corporation
E-Lite Technologies
Eclipse Lighting
Element Labs
Elumina Technology
EncapSulite International
Fiber Optic Designs
Fiberstars
GAMPProducts
Gobbsmak Design
Homasote
iLight Technologies
International Light
Technologies
J&J Electronics
Jesco Lighting Group
Kelsey-Kane Lighting
Kenwell International USA
Khatod Optoelectronic
Khatod Optoelectronic Spa
Kichler Lighting Group
LED Effects
LED Neon Light
LEDtronics
Lighting Sales Connection
Liton Lighting
Louie Lighting
Lucifer Lighting
Lumenton Lighting
Lumid
Lumificient Technologies
Luraline
LYX Furniture & Light
Magic Lite
Merlin Lighting
National Specialty Lighting
Neon-led electronic Lighting
Factory
Nippo
NlightN
Nora Lighting
OptiLED Technology
Oufice Electronic Lighting
Packaged Lighting Systems
Phantom Lighting Systems
Prolume
Pure Lighting
Roberts Step-Lite Systems
Rockden
Sage Lighting
SloanLED
SolarOne Solutions
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Cree

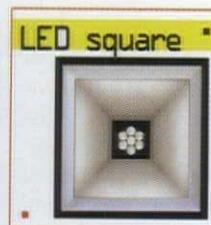
Cree's XLamp 7090 LEDs deliver the industry's highest performance power LEDs in a rugged, reflow-solderable surface mount package optimized for design



flexibility, ease of use, and thermal efficiency. Cree's new XLamp LED produces luminous flux of up to 95 lumens or 85 lumens per watt at 350mA, and up to 160 lumens at 700mA. To discover the future of LED lighting, visit www.cree.com/xlamp, or call 800.533.2583. CIRCLE 300

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Estiluz

The Luck Collection begins a new direction for Estiluz, pioneering lighting design for the 21st century. This versatile new collection of pendants from re-nowned designer Ximo Roca make an architectural statement with a lighting component, while providing vertical illumination. The LUCK T-2443



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NoUVIR's fiber optic Experimental Kit includes a high-power projector, a ready-to-use bundle of 32 fibers (6-, 10- and 20-foot-long), 30 luminaires (pinspots, spots, eyeballs, and floods), and 5 tracks.



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Venture Uni-Form Natural White pulse-start metal halide lamp and ballast systems produce wide, full-spectrum lighting over indoor or outdoor areas. They mimic the high color rendition of natural sunlight, enhancing any commercial, industrial or institutional space, grounds or roadway. E-mail: venture@adlt.com. Visit: www.venturelighting.com. **CIRCLE 307**



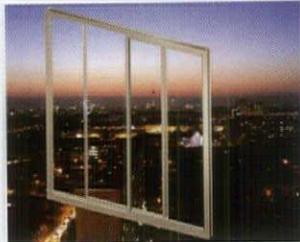
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Two-Circuit T~trak from Tech Lighting offers the smallest profile of any line-voltage two-circuit system. Each circuit has its own dedicated neutral for two separately switchable 20 amp circuits. Available with a wide selection of architectural heads and pendants, and in both satin nickel and white finishes. Control, aesthetics, flexibility and performance all from one system. www.techlighting.com or 800.522.5315 for more. **CIRCLE 305**



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Global Practice

Architects and lighting designers are no longer restricted to practicing their craft in the immediate vicinity of their local city or state. The dynamics of globalization have changed all that. Today, it is just as easy for a firm to be working on a project halfway around the world, as it is to be just a few blocks away. What are some of the issues facing architects, lighting designers, and manufacturers as they enter the realm of global practice? What are the cultural influences on the design process when working abroad?

 more information at ARCHLIGHTING.COM

CULTURAL UNDERSTANDING AND COMMUNICATION

BRIAN STACY, SENIOR LIGHTING DESIGNER | ARUP LIGHTING

Being able to get a Starbucks coffee when I get off a plane in Kuwait, and knowing that my drawings got there via FTP, is only a small part of global working. The moment that we neglect to try and understand the nuances of the widely different markets around the world, we set ourselves up for failure. It seems that established markets have their specific ways to understand, while developing markets may or may not follow established methods. Like with any business, figure out how everyone involved is trying to make his or her money, and you can see a clearer path through the overall process. And make sure you know the local customs for greetings.

JEFF MILLER, DIRECTOR | PIVOTAL LIGHTING DESIGN

It's an illusion that it is "just as easy" to work far away as it is locally. Work goes beyond the production and transmittal of electronic documents. The creation of a lighting design depends on a real knowing of the client, along with a close integration of the design and construction team. We can process dots all day, but that does not lead to real understanding. While we can now share information quite readily anywhere, anytime, the digital revolution often is an obstacle to real communication between clients, consultants, and the user population. We can share information at a distance, but not much of ourselves. Without the willingness to engage on a one-on-one basis, your design is doomed, and your business could be at risk. To be successful working abroad, the lighting designer has to make a commitment to learning and listening, on every level. Talking through e-mail and FTP sites just doesn't compare with the real thing.

LIGHT AS A UNIVERSAL LANGUAGE

KEN FLOWER, LIGHTING DESIGNER | DREAMSCAPES

The key thing that true globalization offers is the potential for cross-cultural harmony. As a designer, and in particular with reference to architectural projects, I believe my role is to offer the project a different (or a series of different) perspectives based on how architectural surfaces can become lighting surfaces, and how those surfaces can emotionally enter a conversation with the occupants. In other words, my role is to offer a sort of paradigm shift whereby spatial environments gain from the input of other disciplines. The whole often becomes greater than the sum of the parts, and when it does, it provides a wonderful serendipity. It's all too easy to be insular. Likewise with different cultures. By encompassing all that global and cultural history offers, we have the opportunity to provide new and exciting environments that can cross the boundaries that so often separate us. I believe this is the way of the future.

MARTIN KRAUTER, PR MANAGER | ERCO LIGHTING

In fact, the business of architecture and lighting design has globalized during the past years at an amazing speed and scale. For manufacturers, this also offers great opportunities. Erco, for example, offers lighting tools and products that are context-neutral, meaning

that they will work in any cultural surrounding for different technical spaces around the world, regardless of voltages, frequencies, and safety regulations. With Light Scout, there is a multilingual information platform that offers everything the designer needs to know for specifying a product anywhere in the world. We are proud to say that we are able to help architects and designers in any country make use of light in a creative way, which is what we consider a kind of universal language across all cultural borders and barriers.

SPECIFICATION SOLUTIONS

WOLFGANG EGGER, PRESIDENT | ZUMTOBEL LIGHTING USA

American designers have always worked on projects in other parts of the world. The process of managing these projects has gotten easier thanks to the internet, but creating a global design specification or finding suppliers who can provide the right solution halfway across the world can still be a challenge. It is important to find suppliers who can deliver a consistent global solution, or who have "feet on the ground" where you need them. We are increasingly contacted by corporate clients who need both our global design and production capability, as well as our regional knowledge.

JONATHAN SPEIRS, PRINCIPAL | SPEIRS AND MAJOR ASSOCIATES

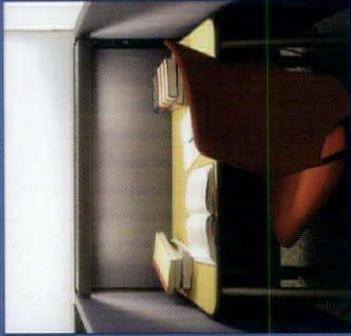
Yes, it is easy to work around the world, and our many international clients certainly seem to be more than happy to ship myself and my colleagues halfway around the world to contribute a lighting vision to their projects. Obtusely, it can be argued that the world is not getting smaller, it is getting larger, because it is easier to get to more places. However, I believe that with significant concerns growing over global warming, flying around the world will become a major issue. We have to develop more efficient methods of working at long distances—video conferencing should be much better and something that occurs as easily as turning to a colleague in your studio and chatting about an idea or a technical detail. Communication is key, whatever the project type or destination.

Depending on where projects are, the attitude to specification protection varies. In the United Kingdom we are beginning to see "specification creep," although it doesn't seem to be a major issue as of yet. As for the Middle East, every specification on every project has alternates submitted by agencies to swap their products for the ones specified. We have found that the best way to try and deal with this is to ensure that every "substitution" offered has a warranty letter from the managing director of the manufacturing company guaranteeing that their product is "fit for purpose in the specified location"—heat, saline environment, light distribution, lamp life expectation in their housing, etc.—with full production of lighting calculations to demonstrate that their product performs EXACTLY the same as the product they are aiming to substitute, along with a full working sample for proper comparison with the official specified luminaire. This puts the onus on the agencies to obtain complete project architectural details, finishes, and drawings from the electrical contractor, and obtain the alternative manufacturer's underwriting of their product for that specific project.

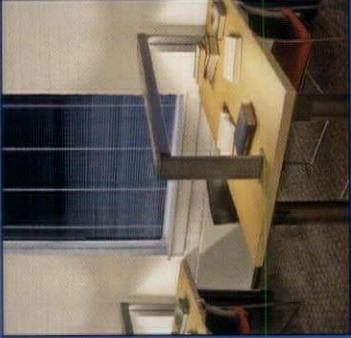
more library lighting



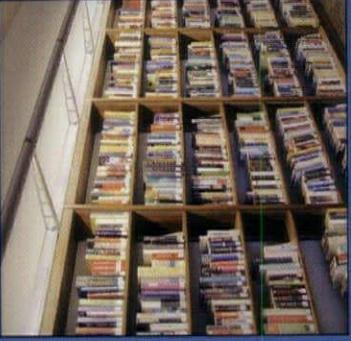
Style 3030



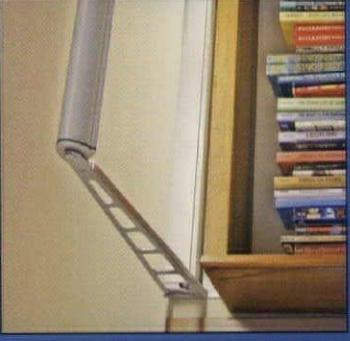
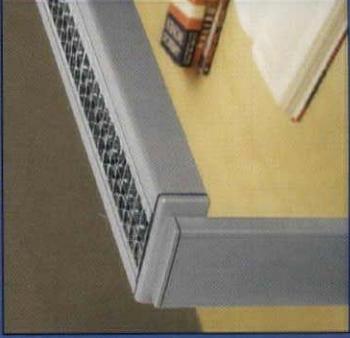
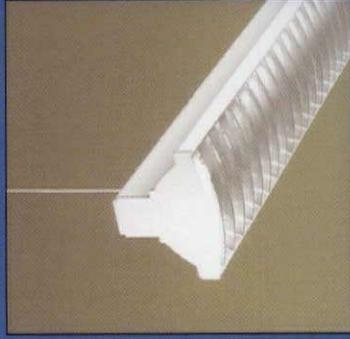
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Style 3502



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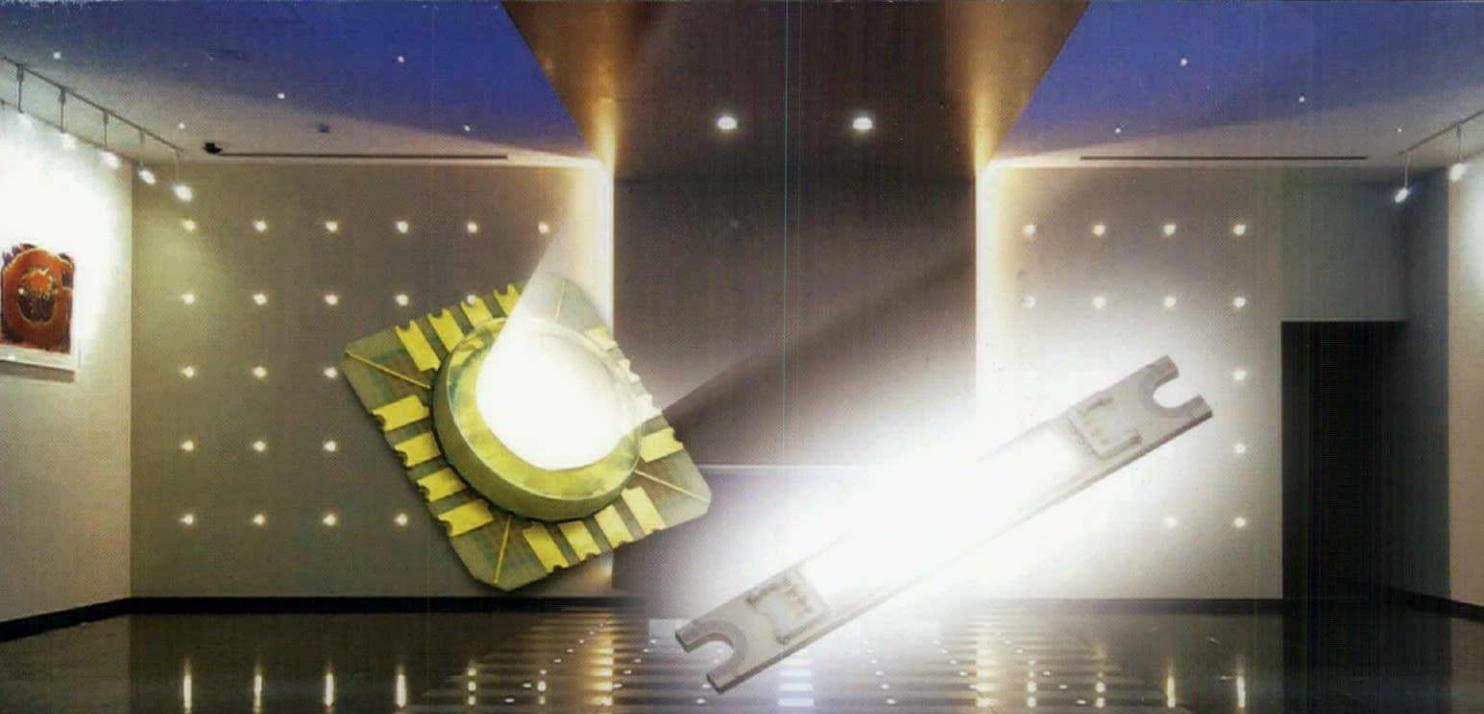


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