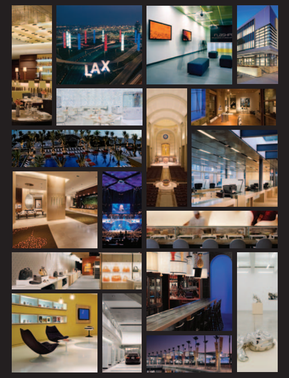
Lighting Design Alliance is a professional lighting design team specializing in the use of light as a core element in the expression of an architectural space. We strive to heighten visual cues that one experiences within an environment, and to manipulate perceptions to elicit any number of intended psychological responses. Our expertise includes the design and specification of complete lighting and control systems, concept through installation. Our services range from concept development to fully-documented lighting design, from custom fixture design to creatively implementing only standard products. Careful integration of a collective lighting design concept into every project guarantees success.



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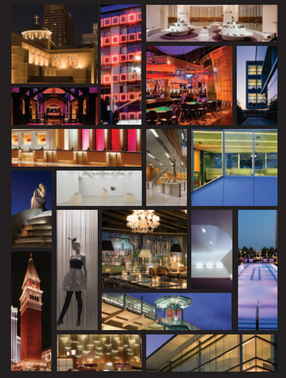
ignite

the art of LIGHTING DESIGN ALLIANCE

ignite

the art of LIGHTING DESIGN ALLIANCE

ignite showcases a variety of Ligthing Design Alliance's finest design concepts. LDA's portfolio covers numerous market sectors, and each particular location tells its own unique story, integrating lighting within architecture, landscape, and interior design. As diverse as these projects seem, each is tailored with the same care and precision for our clients. On the forefront of the lighting design industry, LDA constantly pushes the envelope of innovation and sustainability. LDA crafts aesthetically pleasing, creative lighting solutions which meet our human physical and psychological needs and desires while adhering to the owner's schedule and budget.



IGNITE

“Let there be light!” Yes, but the devil is in the details. When mankind received the gift of fire, there weren’t any instructions for placement, reflectors, lenses, controls, codes or efficiency. That’s where Lighting Design Alliance comes in.

For centuries, designers have acknowledged and developed the application of effective lighting, with ever-more sophisticated methods and materials over time. Technologies may come and go, but what endures is the thought and planning, driven by a passion to construct great spaces and illuminate them to best effect.

Lighting is the discipline which gives architectural space both its dimensional definition as well as its functional utility. Light is the unique design material that successful designers have utilized for centuries to render the volume, texture, and color of all the other design materials into usable forms of breathtaking impact and sublime impression.

Philosophically, we design to create an aesthetically cohesive environment by integrating the use of concealed light sources, daylight, and decorative fixtures. The process begins with a vision, not calculations, whether it is architectural accentuation, energy savings, dramatic effect, or comfort; each endeavor is driven by its unique creative opportunity. Careful integration of lighting into the design team’s concept guarantees success in every project.

We hope, by sharing some of our accomplishments so far, to infect you with the passion for great illumination. While we seek to implement designers’ visions with economy and efficiency, we also strive to produce installations that will inspire a contagious enthusiasm for creative deployment of lighting in your projects.

The projects featured in this compilation represent a broad assortment of the very finest designs by Lighting Design Alliance. Every project has been a team effort, both in-house and with the owner, design and construction teams. The project variety reflects our versatility in style and approach, while each showcases a unique character and story. Photos convey the drama of these spaces, while text provides an educational insight into the application.

BEGIN

Established in 1992, Lighting Design Alliance (LDA) is an internationally known, full-service architectural lighting design firm. Our expertise includes the design and specification of complete lighting and control systems, from concept through installation and long-term management. The services we provide address value and quality. They incorporate an awareness of design aesthetics, various production options, and the effective use of energy. The LDA client base includes major real-estate developers from around the world, corporate entities, and the leading architectural firms. Ninety-five percent of our business is from repeat clientele.

Our services range from concept development to fully documented lighting design, from custom fixture design to designing with only standard products. To satisfy the needs of our varied clientele, we use the most current industry technology. We take pride in our ability to create remarkable lighting designs that yield minimal energy consumption. We have the resources and expertise to run complex illumination calculations, daylighting analyses, life-cycle analyses, and cost-comparison studies.

With a diverse staff of in-house designers and qualified support, assisted by state-of-the art infrastructure and technology, LDA is able to meet the most stringent deadlines while providing innovative lighting design solutions. Seamless digital integration, computer modeling, photorealistic renderings, and even full-scale mock-ups deliver a design that performs as intended.

LDA has a commitment to energy-efficient design. Long before sustainability became a buzzword, LDA was designing with energy-efficient sources, harvesting daylight, and advocating an environmentally sound aesthetic in our projects. Our designs consistently emphasize low maintenance, long lamp life, low lighting power density, and aesthetic sensibility. Our goal is to complement the architecture while providing the most sustainable and efficient design possible.

LDA has worked on numerous projects that have featured sustainable design on multiple levels. LDA is a member of the U.S. Green Building Council and has several Leadership in Energy and Environmental Design, LEED, certified completed projects and accredited professionals on staff. LDA believes it is important that its employees be proficient in implementing practical and measured green building design and be knowledgeable of applicable energy codes nationwide.

LDA designers have applied their expertise to a range of venues:

casinos	façades	master planning	retail
commercial	hotels/resorts	museums	spas
corporate	health care	night clubs	sustainability
educational	landscape/parks	residential	theme parks
entertainment	liturgical	restaurants	transportation

Quality-control methods within our process help to ensure the accuracy of our documentation. This minimizes costs to the owner while allowing the design team to work efficiently. Our designs are based on aesthetics but grounded in reality. This, partnered with our sound client services, makes us a natural fit for any design team.

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eat

OVERVIEW
With establishments in multiple locations, including Hollywood, Los Angeles, and Glendale, California, Katsuya is a luxury restaurant with a clean and modern design. The lighting design by LDA follows suit, adding to Katsuya's edgy Hollywood atmosphere. The lighting does more than enhance just the aesthetics, it is also efficient and easy to maintain.

FEATURES
The renowned designer Philippe Starck created a streamlined, clean sushi space without any ornamental lighting. He used uncommon combinations of materials, such as wood panels set against backlit acrylic, glass on stone, and plush fabric with sleek chrome. The overall look for Katsuya was conceived as a luxurious wooden bento box with sleek, smooth surfaces. Enshrouding all the lighting fixtures so that only their effects are visible helps bring this inspiration to life. The lighting design also draws attention to the trim design and orderly construction detail at Katsuya.

INNOVATION
Starck's modern design employs unique mounting methods that conceal fixtures so that only their effects can be seen. The customization of table accent downlights best exemplifies this. These lights relamp and aim from panels located atop the fixture housing, which are accessed via catwalks. This method eliminated the fixture trim and cloaked the fixture completely, creating a true "trimless" wood ceiling downlight.

SPOTLIGHT
Energy-saving, infrared halogen monopoints with linear spread lenses suspend amid draperies. This focuses a concealed light on the sushi display and further accentuates the clean, modern design of the entire space. Projectors emphasize even more focal points, including the drapery and the Kanji graphic.

SUSTAINABILITY
Addressing energy efficiency at the richly detailed Katsuya was a challenge because the lighting team had to ensure the project met both the strict codes and the unique design requests. The careful selection of a variety of efficacious sources (fluorescent, metal halide, and LED) in combination with energy-efficient, infrared halogen lamps fulfilled the rigorous criteria.

Client: SBE Entertainment Group
Architect: DesignARC
Interior Designer: Phillppe Starck Network
Photography: © SBE Entertainment / James Merrell (1, 3, 4) / Skott Sinider (2)

KATSUYA BY STARCK
MULTIPLE LOCATIONS

game

OVERVIEW
Located in historic downtown Detroit, Michigan, MotorCity Casino Hotel's renovated decor is inspired by the color and excitement of the automotive industry.

FEATURES
The 2007 renovation at MotorCity Casino Hotel added more gaming, a luxury restaurant, nightclub, live-performance venue, meeting and ballroom spaces, and a 15-floor hotel to the property. Outside and in, the design embraces Detroit's automotive heydays with influences in finishes, furniture, and lighting. At the top of the hotel tower, the city's only four-star restaurant, Iridescence, presents breathtaking views of the city and across the river into Canada. Interior and exterior lighting was coordinated to minimize window reflections that could interfere with views to the outside.

INNOVATION
The MotorCity Casino renovation capitalized on the latest lighting technologies. For example, designers incorporated color-changing LEDs throughout the property, including on all building façades and in massive installations in the interior ceilings. A separate computer network dedicated to broadcasting digital content to all of the LED installations controls the lights from a central location.

SPOTLIGHT
Chip Foose, a well-known custom car fabricator and the star of the TLC series "Overhaulin'," worked with the design team to create a feature ceiling element that looks like the front grille of a 1950s Detroit dream car. This Foose Ceiling, which became a signature element of the design, runs the length of the casino expansion and is internally lit with color-changing LEDs for a modern twist.

SUSTAINABILITY
In a departure from older style casino lighting, LED technology was used throughout the casino, not only in the dynamic color-changing ceiling features but also as a replacement for thousands of feet of neon lighting. In addition to substantial electrical savings, reduced heat lowered demand on the building mechanical systems.

Client: MotorCity Casino / Marian Ilitch
Architect: NORR Limited Architects and Engineers
Interior: Genesis Associates
Photography: © Jeff White : jwhitephoto.com (1, 2, 3) / Clayton Miller Photography (4)

MOTORCITY CASINO HOTEL
DETROIT, MI

gaze

OVERVIEW
The simplistic lighting installation is a modern statement of its own at the Casey Kaplan Manhattan Gallery. This museum features modern art in the heart of Manhattan's Chelsea visual arts district.

FEATURES
The lighting for the gallery primarily utilizes suspended and surface-mounted linear fluorescent bare striplights. By suspending the striplights to the bottom structural beam elevation, the effect appears as a floating ceiling plane. This tidy design allows for a highly functional solution. It provides diffused uniform illumination, ease of maintenance, and energy efficiency. Plain striplights give the gallery a minimalist backdrop to showcase the best in contemporary artwork.

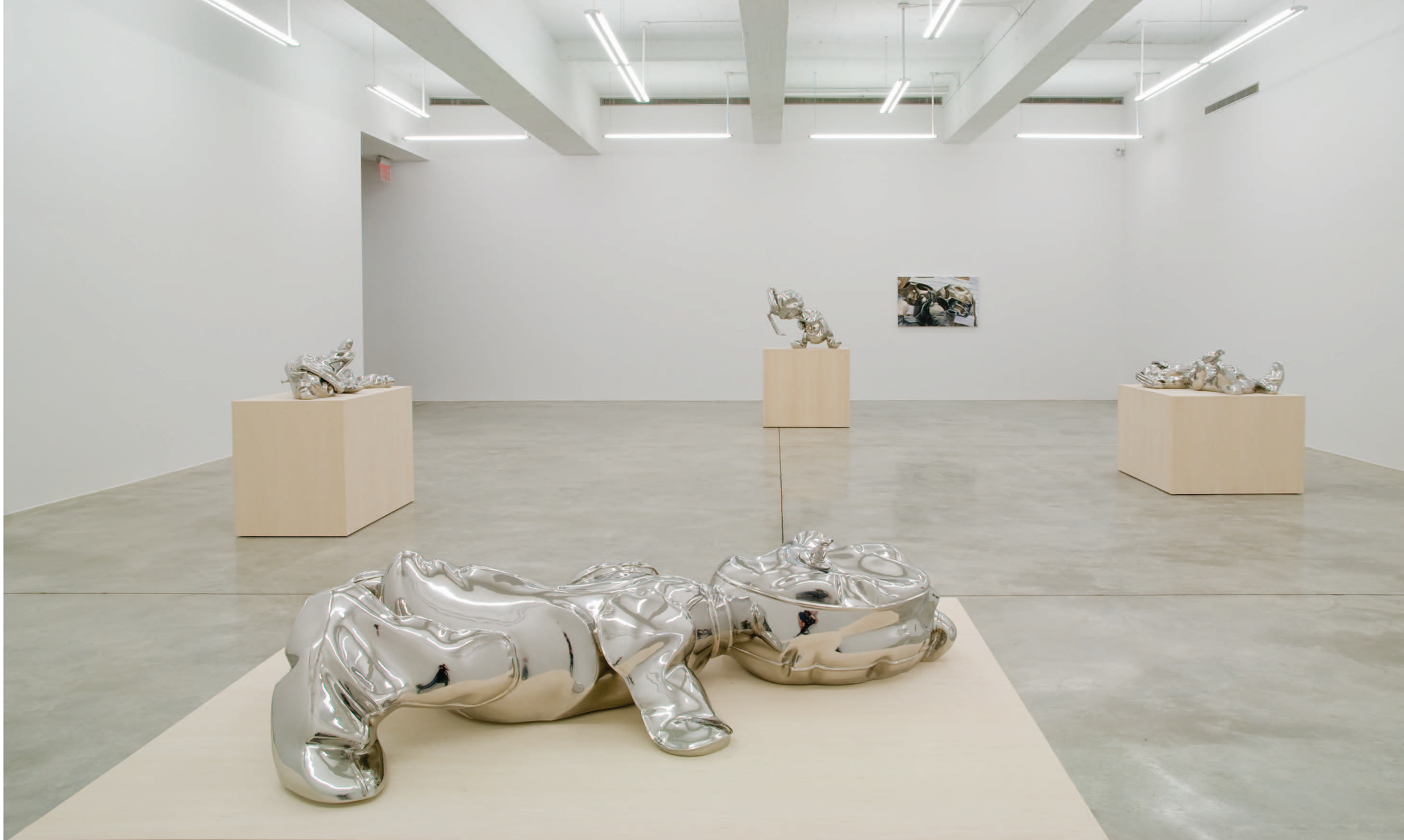
INNOVATION
A modern art display begs for a clean show space with a twist. In place of traditional gallery directional accent lighting system, exclusive use of suspended linear fluorescent striplights diffuses light with a simple design aesthetic. The fluorescent strip provides architectural space delineation within the gallery. The result is a practical and clear backdrop that has a design signature of its own.

SPOTLIGHT
The dual-lamp, side-mounted striplight specifically was chosen to fulfill the many demands of a gallery lighting system. Not only does the axially symmetric balance of the configuration contain an aesthetic value, but the location and orientation of the lamps provide for totally diffused light distribution around the entire fixture.

SUSTAINABILITY
The Casey Kaplan Gallery is an example of an energy-efficient upscale art display space due to its sole use of linear fluorescent lamps. Multiple zones give each gallery space and exhibit area independent control over the lighting. Unlike other small galleries, which feature all-on or all-off switching for lighting systems, this gallery even has bi-level switching for fixtures, allowing two lamps to be controlled separately. This further increases energy efficiency.

Client: Casey Kaplan
Architect: Neil M. Denari Associates
Photography: © Casey Kapan Gallery / Jonathan Monk (1) / Liam Gillick (2)

CASEY KAPLAN GALLERY
NEW YORK, NY



heal

OVERVIEW
Los Angeles County-University of Southern California Medical Center is one of the largest medical training centers in the United States and one of the busiest public hospitals west of the Mississippi. In late 2008, LAC+USC opened the doors to its new billion-dollar, state-of-the-art, 600-bed hospital consisting of three linked buildings: a clinic tower, a diagnostic and treatment tower, and an inpatient tower.

FEATURES
The new hospital sits in juxtaposition to the beaux-arts historic building backdrop of the existing tower. The modern design of the new building is intended to symbolize the updated care inside. The lighting design enhances the hospital's focus on patient experience. Indirect lighting with completely concealed sources wash wall and ceiling surfaces from coves in patient areas to avoid glare. Warm-white lamps create an inviting, comfortable environment, more reminiscent of a hotel than a hospital.

INNOVATION
Designers used a fluorescent, bi-level switching system to bring energy savings because the hospital did not require a complex dimming system. Bi-level switching reduces light levels and wattage consumption at night.

SPOTLIGHT
Design through construction for the LAC+USC Medical Center took more than 10 years to coordinate lighting design alone. Throughout, the design team continuously updated lighting to the latest technology, incorporating smaller fixtures and increasingly efficient lamps. This ensured the LAC+USC Medical Center featured the most current lighting design when it opened.

SUSTAINABILITY
The LAC+USC Medical Center meets California Title 24 energy code. All circulation and most public waiting areas feature full-height or clerestory windows, taking advantage of the Southern California daylight.

Client: Los Angeles County / University of Southern California
Architect: HOK Group / LBL Architects
Interior Designer: HOK and LBL Architects
Landscape: Rios Clementi Hale Studios
Photography: © RMA Architectural Photography / Lighting Design Alliance

LAC+USC MEDICAL CENTER
LOS ANGELES, CA

learn

OVERVIEW
Flashpoint : The Academy of Media Arts and Sciences in Chicago offers education and experience in the fields of digital arts and entertainment technology. At Flashpoint, students can pursue two-year programs in Film/Broadcast Media, Recording Arts, Visual Effects/Animation, or Game Development.

FEATURES
The Flashpoint lobby features surface-mounted, linear, fluorescent downlights complemented with LED linear striplights. This arrangement creates a cohesive design with a functional, yet current, space. A combination of narrow aperture, linear fluorescents, and perimeter wall washers provides functional lighting with minimal glare in the classrooms. This classroom lighting is appropriate for computer-oriented tasks.

INNOVATION
Use of long lamp life and energy-efficient LED strips with diffuse cover, known as "plexineon," offers an environmentally friendly alternative to standard neon. In the lobby, plexineon sits behind clear plexiglass to provide soft, ambient light and to bring the focus to the wall-mounted televisions. Color film placed on randomly spaced ceiling tiles produces a static lighting effect. The reception desk also features plexiglass backlit with fluorescent strips to maintain the cohesive design at Flashpoint.

SPOTLIGHT
Automatic energy savings result at Flashpoint due to the use of the daylight-harvesting sensors implemented on the classroom perimeters and the occupancy sensors that dim fluorescents.

SUSTAINABILITY
Flashpoint pursued LEED Gold Certification through the use of occupancy sensors and efficient lamping solutions as its main energy-saving strategy.

Client: Flashpoint: The Academy of Media Arts and Sciences
Architect: Valerio Dewalt Train Associates, Inc.
Photography: © Carr Cialdella Photography / Susan Carr

FLASHPOINT: THE ACADEMY OF MEDIA ARTS
CHICAGO, IL

live

OVERVIEW
True sustainability requires density. The future of international residential projects includes high-end residential towers. Lighting Design Alliance has completed several projects with Pao Huei Construction Co., a Taiwanese developer based in Taichung. Both of their luxury condominium towers, Twin Park and The Park, summarize the teams devotion to creating a new era of residential development in Taiwan.

FEATURES
Elegance and true luxury cannot be defined, but must be integrated into the design. The greatest compliment to these designs is the seamless incorporation of light into the interior design components. World class accommodations are both comfortable and dramatic through the appropriate use of architectural lighting.

INNOVATION
Coordination of lighting products can be difficult when specifying in other parts of the globe. For Twin Parks and The Park, specifications were originally made with United States manufacturers to document design intent and technical expectations. During the purchasing phase, alternate fixtures, equal to the originally specification and local to Asia, were substituted. This technique provided for a United States design approach while allowing the owner and construction team to work with familiar local products within budget.

SPOTLIGHT
Both towering residential units feature street level grand lobbies. These core areas invite all residents, and their guests, into a two story reception hall. The space features a concierge, luxurious waiting areas, ballroom, library, and multiple private meeting rooms. Linear LED coves define the dropped wood ceiling panels while recessed halogen downlights pinspot seating groups and artwork. Ingrades uplight oversized floral planters surrounded by carefully coordinated chandeliers, sconces, and floor lamps.

SUSTAINABILITY
Internationally electricity rates are extremely expensive as compared to the United States. Every trick was used to minimize energy, without sacrificing the quality of the design. Highly efficient LEDs and long life fluorescents are used to enhance the warm toned interiors while infrared low-voltage and ceramic metal halides accent focal features.

Owner: Pao Huei Construction Co.
The Park - Public Area Interior Designer: Hirsch Bender Associates
The Park - Residential Unit Interior Designer: KNA Design
Twin Parks - Architect: Studio One Eleven, Perkowitz+Ruth Architects
Twin Parks - Interior Designer: Kay Lang + Associates
Photography: © Robert Miller Pictures

PAO HUEI TOWERS
TAICHUNG, TAIWAN

move

OVERVIEW
When Los Angeles World Airports, operators of Los Angeles International Airport (LAX), sought a facelift for the 25-year-old airport complex, the new master plan design included lighting upgrades for the terminal exteriors and new signage. The iconic, internally illuminated glass columns were conceptualized and documented through design development by Lighting Design Alliance while the final installation was executed by Visual Terrain and Helix Electric.

FEATURES
The new lighting system was integrated with the signage program at terminal drop-off and pick-up areas. New lighting also enhanced other new signage located throughout the property, as well as the large, illuminated pylons.

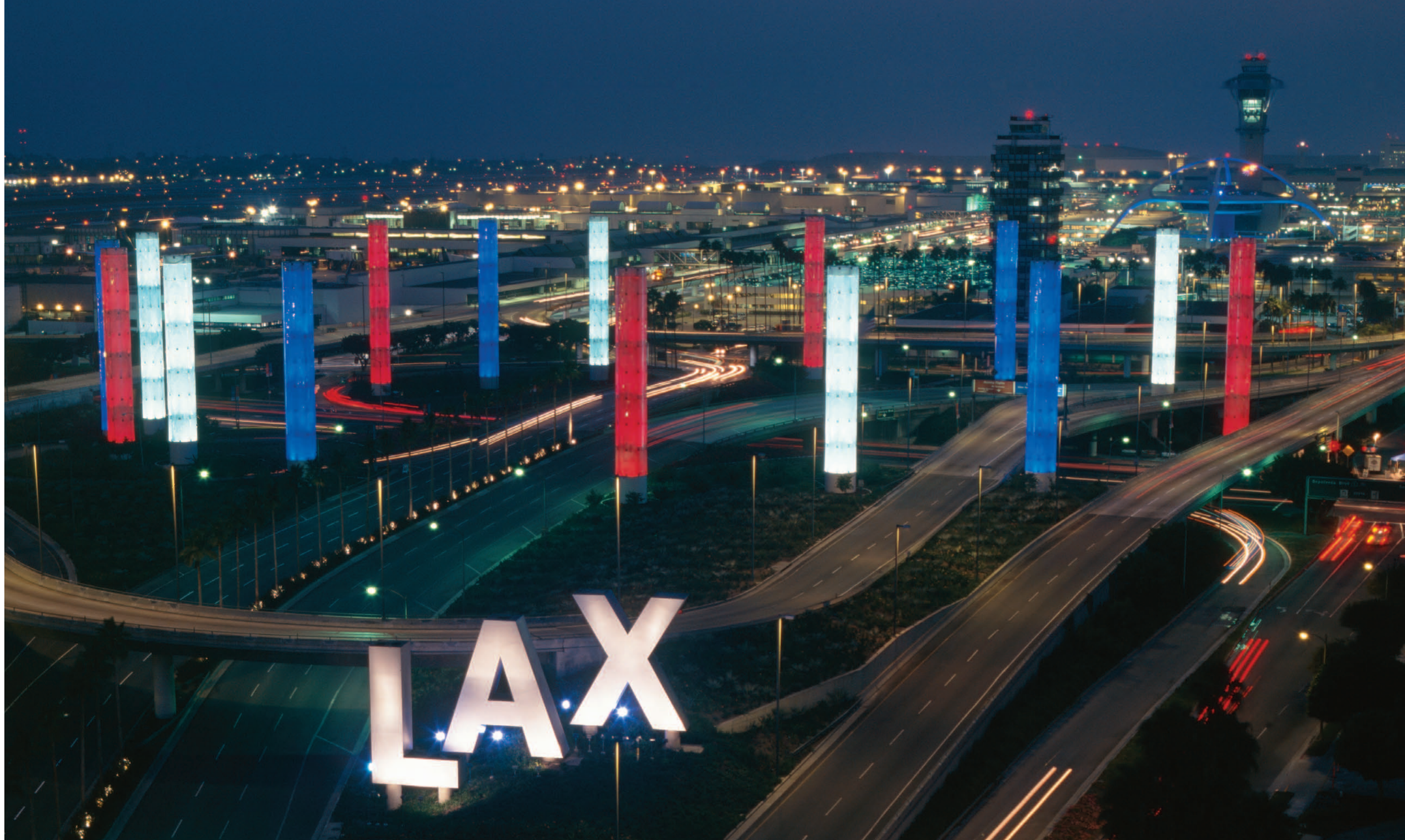
INNOVATION
Drawing from live entertainment lighting technology, designers used a rock concert-style controller to oversee the tower lighting. Each tower is capable of staggering colors along its vertical height and around its circumference.

SPOTLIGHT
The glass towers can be found as far as a mile away from the airport on Century Boulevard. They stand at heights ranging from 12 feet to 125 feet. The tallest towers are located at the airport's main entrance. There, 15 columns wrap around the intersection of Century and Sepulveda Boulevards. Because the towers are evenly lit from the inside, the shadows from the support structures are invisible, creating the appearance that the towers are made of freestanding glass.

SUSTAINABILITY
When this renovation occurred, LED color-changing was in its infancy. Nonetheless, the theatrical-style, color-changing metal halide outdoor fixture that was used provides an array of color-changing possibilities with reduced energy demands. These fixtures are more cost-effective to install than dimmed fluorescent or neon systems. Since the original installation in 1999, the towers have been updated with a color-changing LED lighting system, achieving even higher-quality energy performance and a higher level of reliability.

Client: Los Angeles World Airports
Architect: Ted Tokio Tanaka Architects / Selbert Perkins Design
Pylon Lighting Design: Visual Terrain
Photography: © Tom Pavia Photography (1, 2) / RMA Architectural Photographers (3)

LOS ANGELES WORLD AIRPORTS MASTER PLAN
LOS ANGELES, CA



plan

OVERVIEW

In Beverly Hills, California, visitors can find some of the world's most high-end stores. They may even find some of Hollywood's stars shopping on Rodeo Drive. This infamous street is located in "The Golden Triangle," five streets that comprise the city's famous shopping district.

FEATURES

When the city of Beverly Hills aimed to update its popular shopping area, it provided more accessible parking and improved pedestrian and vehicle navigation on walkways and streets. However, the lighting made the biggest transformation. An entire master plan was developed to advance the lighting with an integrated system that served varied needs. Lighting designers developed more than 10 different types of custom poles to provide street, traffic, or pedestrian light. Lighting was customized depending on if it was located on a primary or secondary street. Inspired by European designs, the new street and landscape lighting brings a sleek, modern edge to the prestigious location.

INNOVATION

Traditional street lights use strap attachments to vary the heights of pole components. The customized, modular pole design, developed specifically for the City of Beverly Hills, features nodes that occur every four feet and allows components to be attached and detached with ease and flexibility. This design enables all light fixtures, armatures, traffic equipment, and signage to extend from the pole in a cohesive, organized design. This unique system results in decorative and functional poles. The buried baseplate design, which is flush with the sidewalk, was costly, but enhanced the clean, modern aesthetic.

SPOTLIGHT

When the customized light poles were designed, the design team took extra steps to ensure Beverly Hills residents would be pleased with the results. Residents' opinions were heard at mock-ups and at meetings. This collaboration caused the streets to be lit by poles with unique, high-end designs that shop owners and patrons both enjoy. Additionally, the pole paint finish was inspired by a custom car paint, providing an attractive metallic sparkle that glistens in daylight.

SUSTAINABILITY

The City of Beverly Hills and the design team kept the environment in mind when improving the lighting in "The Golden Triangle." All fixtures, regardless if street, landscape, or pedestrian, use long-life, pulse-start, metal halide lamps.

Client: The City of Beverly Hills
Architect: Fong Hart Schneider Partners
Photography: © Lighting Design Alliance / Brad Nelson / Bryan Klammer

BEVERLY HILLS TRIANGLE
BEVERLY HILLS, CA

pray

OVERVIEW
In Houston, Texas, at the Co-Cathedral of the Sacred Heart, exterior façade lighting focused on specific architectural features reveal the form of the structure. The interior design integrates and conceals lighting within the architectural framework.

FEATURES
In-grade spots push light up the vertical niches to frame the bell tower and main entry façade, as well as reveal the cross at the top. In-grade wall-washers evenly light the left and right wings of the cathedral. Ground floodlights wash large vertical elements and set-backs located at clerestory windows. Wall-mounted uplights highlight the dome columns and cornice. Hidden on the roofs of the nave and transept, tight spotlights accentuate the dome and cross. The interior utilizes concealed asymmetric uplights to highlight window wells and uplight the barrel vault ceiling. Track lighting tucked into architectural slots along the nave illuminate general seating and accent the baptismal font. Theatrical ellipsoidals located high on the opposite side of the raised sanctuary help showcase the Cathedra and crucifix. Recessed halogen downlights softly bathe walls with an additional layer of light.

INNOVATION
Floating 100 feet above, the dome is illuminated by infrared, halogen uplights, located at each window base. Windows allow fixture access from the roof. Long-life LED luminaires backlight the colorful suspended glass structure, called a "Holy Disk." This technique mimics daylight penetrating from the dome oculus.

SPOTLIGHT
Shrines found in the side aisles and adjacent bronze "Stations of the Cross" areas are featured with dramatic lighting from halogen track heads. Recessed, infrared, halogen downlights softly cover walls with another layer of light. Dimmable fluorescents, concealed within vertical niches, wash light across a stone wall.

SUSTAINABILITY
After a mid-project energy code adoption, 500-watt halogen uplights were exchanged for 225-watt infrared halogen. This project upgrade resulted in acceptable light levels while also assisting in meeting updated local energy code requirements.

Client: Archdiocese of Galveston-Houston
Architect: Ziegler Cooper Architects
Photography: © Aker / Zvonkovic Photography

CO-CATHEDRAL OF THE SACRED HEART
HOUSTON, TX

relax

OVERVIEW
A Hollywood nightlife destination, S Bar features the witty and contemporary interior design of Philippe Starck. S Bar presents a trendy, yet unprecedented, decor supplemented with an equally whimsical lighting design.

FEATURES
The fixture selection was based on the owner's request for minimal lamp types and attention to accessibility. However, the overall design goal was to attract young, stylish Hollywood clientele. The unique and upscale nightclub achieved this goal, while meeting budget and California's Title 24.

INNOVATION
Individualized, suspended table lamps add character to the space and offset the eclectic furniture groups. To meet wattage restrictions for Title 24, the lamps do not exceed 41-watt. Three 7-watt candelabra lamps give an understated glow, and 20-watt spot, infrared halogens provide punch on the white tabletops.

SPOTLIGHT
The use of continuous drapery gives the space the feel of an old world, unfinished gallery. The drapery envelopes the club, creating the illusion that the small space is much larger. Backlighting projects translucent imagery on the drapery, increasing the three-dimensional highlights and shadows.

SUSTAINABILITY
Pairing unique fixtures and lighting effects with energy efficiency challenged S Bar designers. The space had to meet California's strict Title 24 energy codes. Careful selection of effective LED sources and energy-efficient, low-wattage infrared halogen lamps met the rigorous criteria and created a space unlike any other.

Client: SBE Entertainment Group
Architect: DesignARC
Interior Designer: Philippe Starck Network
Photography: © SBE Entertainment Group / James Merrell

S BAR BY STARCK
LOS ANGELES, CA

see

OVERVIEW

Despite residing in a city that is also home to fighting pirates and exploding volcanoes, The Venetian stands out. It is a rich and elegant plaza amidst the excitement of Las Vegas. At this hotel, resort, spa, and casino, the building and its warm lighting are the main attraction.

FEATURES

The first phase of the Las Vegas resort casino replicates Venetian landmarks. The casino and retail fill the low-rise, while more than 4,000 suite rooms occupy the high-rise tower. The Venetian, combined with the adjacent Sands Expo and Convention Center and The Palazzo Hotel and Casino Resort, are a premier location for entertainment, meetings, relaxation, shopping, and more. The success of the project led to future expansions in both in Las Vegas and Macau, China.

INNOVATION

To uplight the retail area's unique faux-sky ceiling, themed, flickering lanterns create sparkle along pedestrian walkways. They also contain concealed downlights and uplights to wash ceilings. In addition, micro-sized accents integrated into themed façades highlight specific architectural features.

SPOTLIGHT

The interior retail mall area contains canals and gondolas that float beneath an illuminated, daytime-sky ceiling and through authentic streetscape façades. Accented high-quality artwork and themed artifacts adorn the entire resort.

SUSTAINABILITY

Efficient metal halide lamps in asymmetric fixtures provide an even wash of light on the faux-sky ceiling. This lamping and fixture selection reduced both energy costs and HVAC costs by a staggering 500 percent. Specialized controls further reduce energy costs and help extend lamp life throughout the resort.

Client: Las Vegas Sands Corporation
Architect: WATG Architects
Interior Designer: Dougall Design Associates / KNA Interior Design
Landscape: Lifescapes International
Photography: © RMA Architectural Photography

THE VENETIAN RESORT, HOTEL & SPA
LAS VEGAS, NV

shop

OVERVIEW
When Herman Miller sought a flagship showroom in Los Angeles, a former warehouse caught their attention. With the help of the company's design and construction team, this 28,000-square-foot renovation became the first LEED Commercial Interiors Platinum project in Los Angeles.

FEATURES
Because Herman Miller's products are used in many applications, the initial design directive was that the space should be a clean, modern environment with an incandescent, "residential" feel. In addition, the lighting design was to be implemented as a low-cost, energy-efficient system. The showroom itself is divided into many different vignettes, including offices with modular workstations, classrooms, meeting rooms, and residential environments. Lighting is the unifying element.

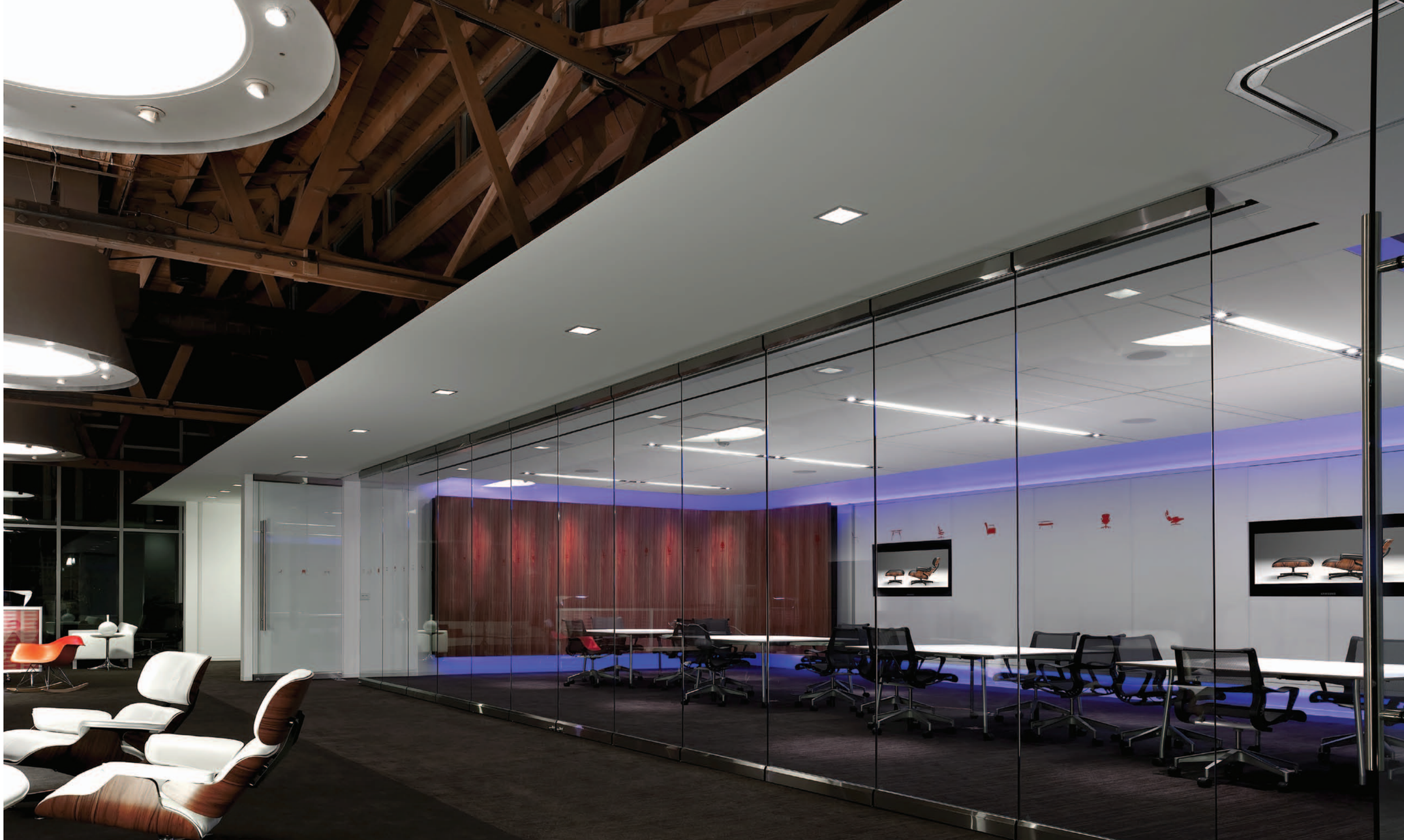
INNOVATION
Using a new lighting control system from Herman Miller, lighting levels are tailored to the task at hand and introduce a sophisticated level of control to the retail environment. The lighting system allows the sales floor to be divided into multiple zones, each with occupancy and daylight sensor capabilities. Giving the sales associates a portable "wand" remote control gives additional control; staff can turn lighting on and off in specific areas, rather than affecting the entire sales floor. This whole-building level of control allows Herman Miller to adapt to the ever-changing needs of visitors and staff within the showroom. Using the remote, Herman Miller staff also easily can customize and reconfigure lighting zones and controls as required to fit specific needs over time.

SPOTLIGHT
The most distinctive feature of the design is the oversize pendants, inspired by sculptor Richard Serra's work. These pendants indirectly illuminate the space with dimmed fluorescent, while three zones of independently controlled halogen accents in each pendant provide task and display lighting for product below.

SUSTAINABILITY
The building's energy performance was a key factor in obtaining the highest level of LEED certification. The lighting system incorporates high-efficacy fixtures, infrared occupancy sensors, and daylight harvesting. After completing a lengthy commissioning process, the facility operates at 0.69 watts per square foot, which performs 41 percent better than the ASHRAE minimum requirements.

Client: Herman Miller
Architect: tvsdesign
Photography: © tvsdesign / Brian Gassel

HERMAN MILLER SHOWROOM
LOS ANGELES, CA



stay

OVERVIEW
The Bahamas' successful Atlantis Resort and Casino added more than one million square feet of new development to enhance the unique tropical property.

FEATURES
The expansion included two 21-story towers: the first an all-suite hotel and the second a condotel residence. A low-rise addition expanded the casino floor and convention center, while adding a 40,000-square-foot spa and multiple retail stores, restaurants, and lounges. Further, a multi-pool exterior patio and waterpark were added. Lighting of the architecture, interior, landscape, and exterior façade was provided throughout the property.

INNOVATION
The decorative pendants at the Atlantis registration area contain three distinct lighting layers. Separated by three independently controlled circuits, the pendants provide a decorative glow of the Edison filament lamps, an integral downlight in the base finial, and concealed uplights to illuminate the central ceiling.

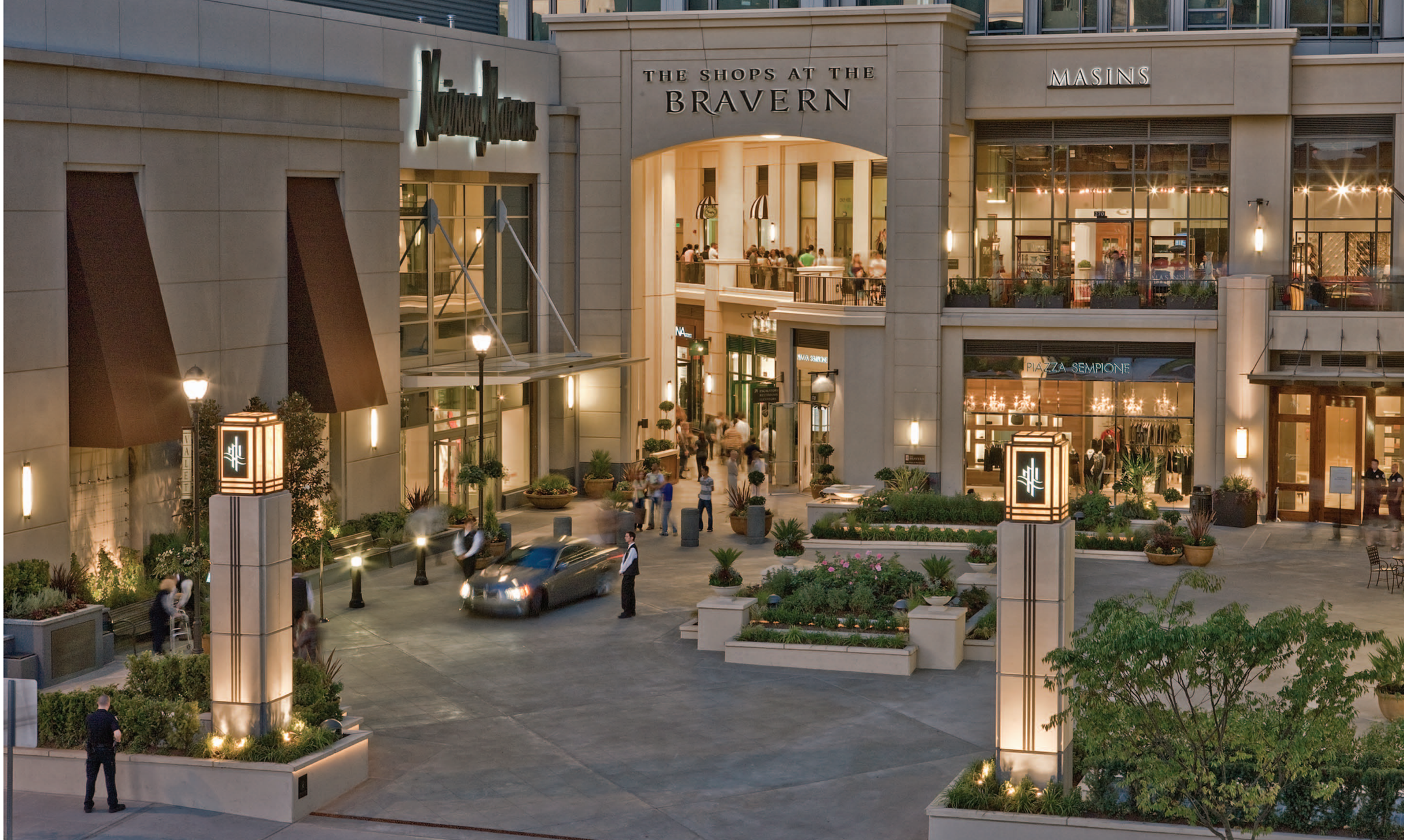
SPOTLIGHT
The reception experience culminates at the focal point waterwall that features stone panels punctuated by glowing, white, hand-blown glass art pieces. These forms are reminiscent of flying doves and symbolize peace and harmony. Fiber optics kept the electrical components remote with a plan to thread fiber through each support directly into the shard. However, when this was mock-up during design coordination, the glass did not evenly glow as anticipated. Resourcefully the outer jacket was stripped, the bare fiber randomly snipped to promote light leak, and the strands splayed across the back, for a pleasing result.

SUSTAINABILITY
Due to Atlantis' remote location, energy costs are three times more than in standard locations. Power consumption was scrutinized and, as a result, low-wattage, infrared halogen lamps and compact fluorescent fill lights were used exclusively in all the guest rooms and residences. Further, xenon cove striplights were dimmed via de-rated transformers in lieu of a dimming system, to ensure power consumption remained low.

Client: Kerzner International Limited
Architect: HKS Architects / WATG Architects
Interior Designer: Hirsch Bedner Associates / Jeffrey Beers International
Photography: © Atlantis Digital Asset Library

ATLANTIS PARADISE ISLAND PHASE III EXPANSION
PARADISE ISLAND, BAHAMAS

stroll



OVERVIEW
With nearly 750,000 square feet of office space, 300,000 square feet of luxury retail, and 450 exclusive signature residences, The Bravern public plaza exudes an atmosphere of opulence. This Bellevue, Washington, shopping, dining, and housing center is unlike anything other plaza found in the Pacific Northwest.

FEATURES
Connected by two ceremonial arrival courts and European-style piazzas, The Bravern's design merges a distinctive outdoor setting with an intimate, almost interior, space. Low light levels and highlighted focal features reinforce the intimate atmosphere.

INNOVATION
Every fixture used in the lighting design is ceramic metal halide, fluorescent, or LED, keeping energy consumption well below the strict wattage budget. Efficiency efforts continue inside, where the interior lobbies feature fluorescents and ceramic metal halides.

SPOTLIGHT
The custom decorative lanterns atop the two commercial towers and at the entry plaza gateways serve as beacons, attracting patrons from afar.

SUSTAINABILITY
With the use of long-life fluorescents, ceramic metal halides, and LED sources throughout the project, The Bravern surpasses Washington state's energy code requirements. Lighting designers achieved creating a warm, interior ambiance with energy-efficient sources.

Client: Schnitzer West
Architect: Callison
Landscape Architect: Weisman Design Group Inc.
Photography: Michael Walmsley Photography

THE BRAVERN
BELLEVUE, WA

work

OVERVIEW
Endeavor Talent Agency's new location in a Beverly Hills, California, office building is completely in sync with its hip clients.

FEATURES
The talent and literary agency represents the industry's top actors, authors, musicians, producers, and directors. The space was envisioned to function as a typical working office, but also to stand as a unique piece of modern architecture that would impress and cater to Hollywood's elite. The lighting design provides the required light levels and effects necessary for productive work, while employing a new linear fluorescent design approach.

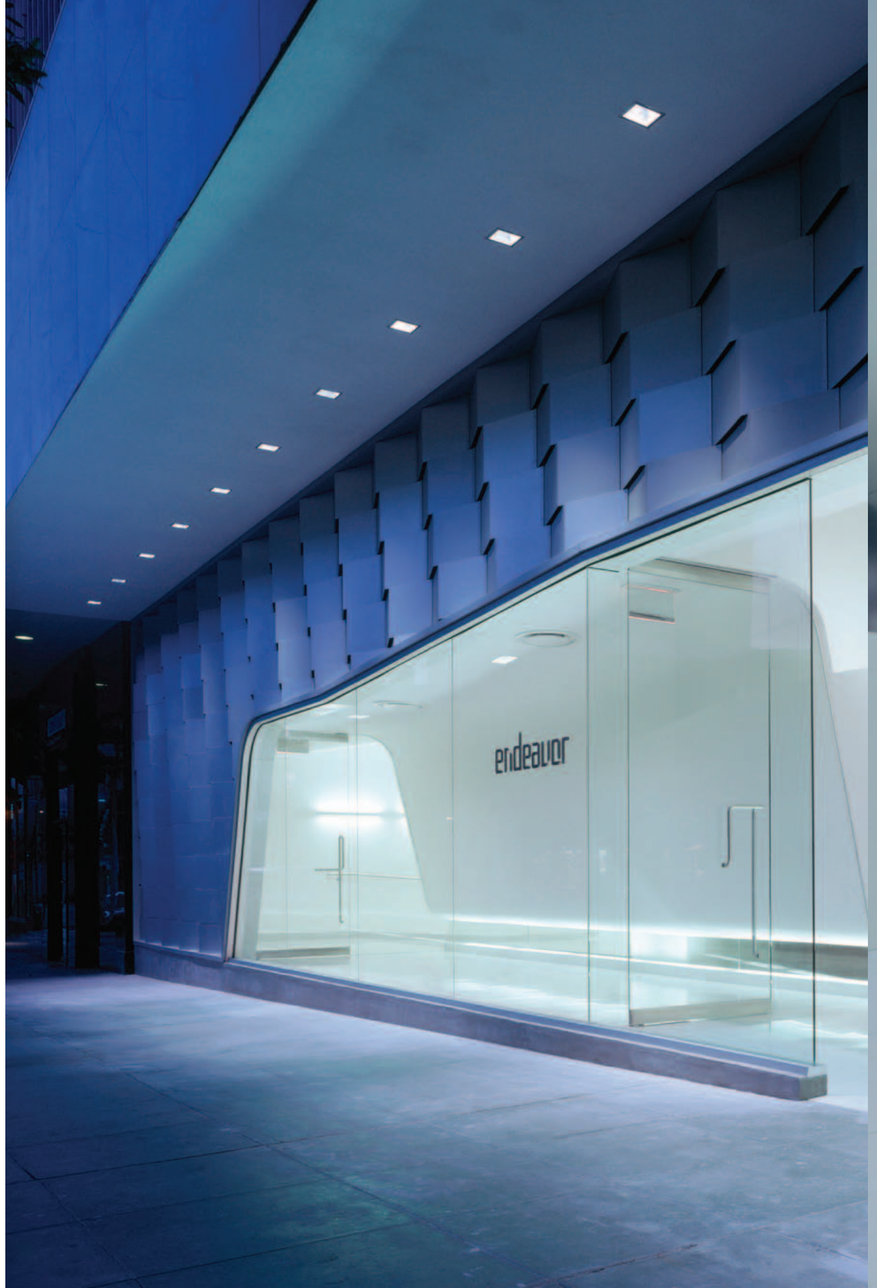
INNOVATION
Rethinking the standard two-by-four-foot troffer downlight design of typical office spaces, Endeavor utilizes new techniques for integrating the same linear fluorescent lamp into architectural details for a top-quality, high-end look.

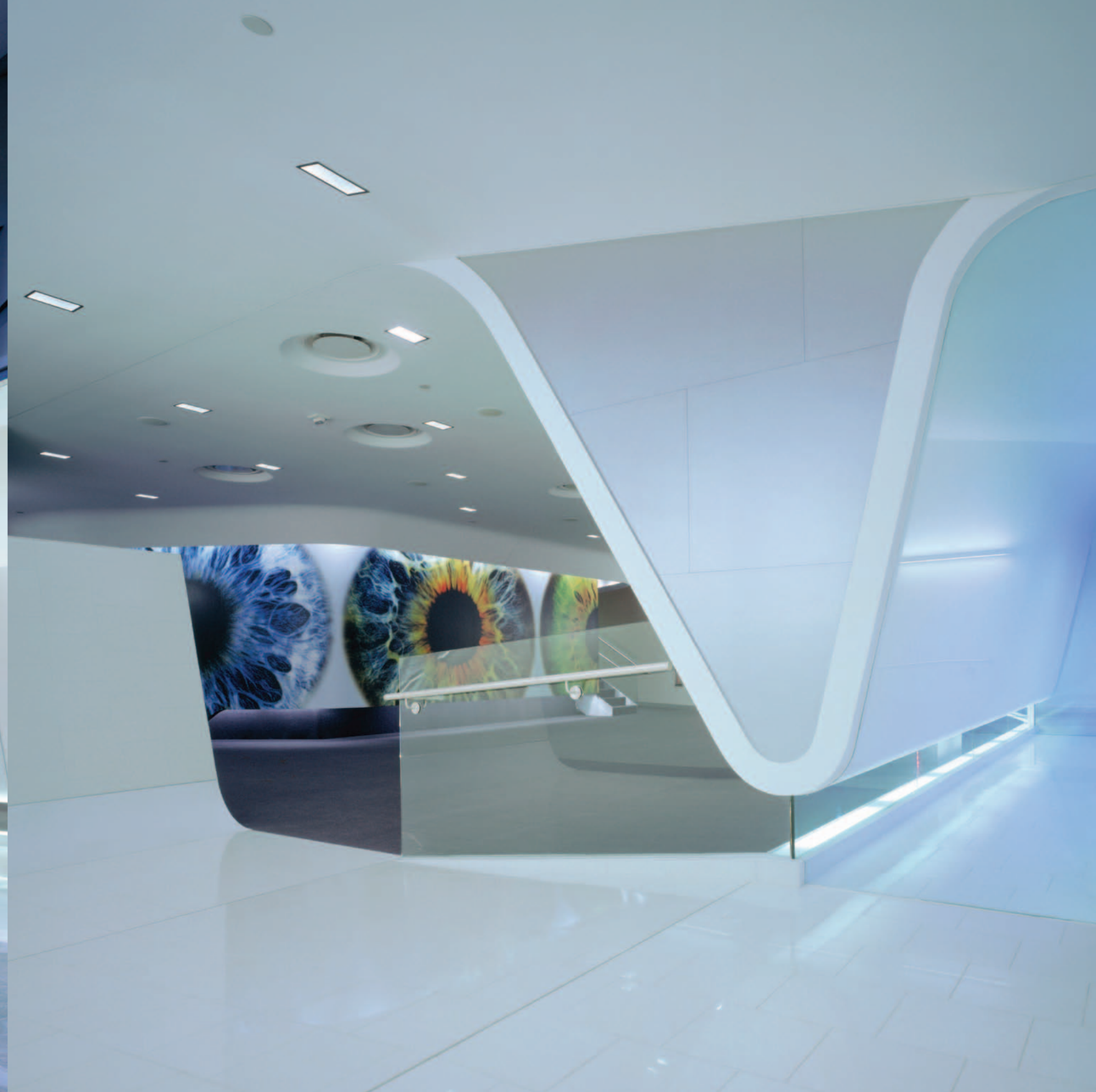
SPOTLIGHT
The project celebrates T5 fluorescents. Their tiny profile is fully exploited to generate stunning visuals in the chic architecture.

SUSTAINABILITY
The exclusive use of T5 fluorescents, compact fluorescents, infrared halogen, and ceramic metal halide sources limits energy use and minimizes maintenance.

Client: Endeavor Talent Agency
Architect: Neil M. Denari Associates
Interior Designer: Neil M. Denari Associates
Photography: © Fotoworks / Benny Chan

ENDEAVOR TALENT AGENCY
BEVERLY HILLS, CA





CREDIT

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The photographers, who convey the beauty of our final products.

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