



Illuminating
ENGINEERING SOCIETY

New York City Section

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**Nine Projects by Seven New York City Lighting Design Firms
Received Lumen Awards
At the Illuminating Engineering Society New York City Section's
45th Annual Lumen Gala on June 20, 2013**



New York, NY June 20, 2013 - The Illuminating Engineering Society New York City Section (IESNYC), the largest section in the Society, announced the recipients of the 2013 Lumen Awards at the 45th annual Lumen Gala, the most celebrated lighting event in New York City. Seven New York City-based lighting design firms - **Arup, Cline Bettridge Bernstein Lighting Design, Cooley Monato Studio, Fisher Marantz Stone, Lighting Workshop, Reveal Design Group, and Tillotson Design Associates** received Lumen Awards for excellence, professionalism, ingenuity, and originality in lighting design.

The nine award-winning projects were presented in three categories: the Lumen Award of Excellence, the highest level of recognition for permanent architectural application; the Lumen Award of Merit, in recognition for a meritorius permanent architectural application; and a Lumen Citation, in recognition for an art installation, technical detail, portion of a single project, temporary installation, or other work.

This year, the jury honored three firms with a Lumen Award of Excellence: Tillotson Design Associates' East River Waterfront Pier 15 and Esplanade in New York, Cooley Monato Studio's Mall of America East Boulevard Renovation, in Bloomington, MN; and Fisher Marantz Stone's Chapel at Miho Institute of Aesthetics in Shigaraki, Japan.

The four Awards of Merit were presented. Arup received a Merit for The Clyfford Still Museum in Denver, CO; Lighting Workshop won for Logan (a production studio and office) in New York; and CBBLD received two Merit Awards, one for the Richard B. Fisher Building at the Brooklyn Academy of Music, and the second for the Torre Iberdrola in Bilbao, Spain.

Two Lumen Citations were awarded. The Reveal Design Group was awarded a Lumen Citation "for the complete transformation of a space through lighting," for the Park Hyatt in Washington, D.C., and Cline Bettridge Bernstein Lighting Design (CBBLD) won their Citation "for the use of light to transform architecture" at St. Katharine Drexel Chapel at Xavier University in New Orleans, LA.

"The New York lighting community is in its full radiance at the Lumen Gala, the IESNYC's celebration of excellence in lighting design," says Charles Cameron, president of the IESNYC and principal at Studio C Squared. "A Lumen Award is a highly regarded honor in the lighting industry, and winning a Lumen is quite an achievement, considering the abundance of talented, creative, and technically savvy New York-based lighting designers."

Faith Baum, IES, IALD, DLFNY, founder and principal, Illumination Arts; Dan Blitzer, IES, IALD, DLFNY, principal, The Practical Lighting Workshop; Elizabeth Donoff, editor of *Architectural Lighting*; Matt Franks, IES, DLFNY, LC, LEED AP, associate and senior lighting consultant, Arup; Scott Herrick, AIA, partner, HLW International; Donal Sheehan, AIA, LEED GA, architectural lighting designer, Reveal Design Group; JoAnne Lindsley FIES, FIALD, lighting designer, Lindsley Consultants; Peiheng Tsai, DLFNY, LEED GA, founder, PHT Lighting, comprise this year's jury.

The Lumen Awards are sponsored by the IESNYC and began in 1968 as a way of celebrating and publicly recognizing the best works of New York-based lighting designers. Lumen Citation and Merit Award winners are eligible to go on and receive International Illumination Design Awards (IIDA) from the IES. The Lumen Awards began as a small event and has grown incrementally with each passing year. For the 2013 Gala, close to 600 people from various sectors of the industry, including lighting designers, interior designers, architects, manufacturers, consultants, and academics came to celebrate.

Awards of Excellence

East River Waterfront – Pier 15 and Esplanade, New York, NY



Lighting Designer: Tillotson Design Associates

Suzan Tillotson, Erin DeVries, Megan Pfeffer

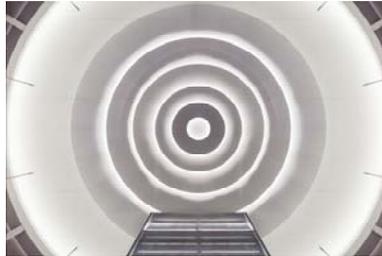
Architect: SHoP Architects

Landscape Architect: Workshop: Ken Smith Landscape Architect

Client: NYC Economic Development Corporation

The lighting for the esplanade defines the area at night, providing illumination levels that encourage nighttime pedestrian use and conveying a sense of safety without distracting from the water view of the water. Low-brightness induction downlights create an inviting entry to the esplanade with even lighting at the ground plane under the highway structure. The indirect lighting of the custom purple-painted, vertical girder offers soft and glare-free illumination while creating a ribbon of light. LED light slots within staggered benches guide pedestrians along the main esplanade thoroughfare. Vertical ribs of deep purple at the exterior face of the handrail add a fringe of light to the girder's horizontal ribbon and reflect softly in the water below. The pier's glowing underbelly is indirectly lit with linear fluorescent fixtures that link the upper and lower levels of new public space. A special stadium seating area that drops down to the level of the water is set apart with a field of LED point lights above. Small-profile, in-grade lensed LED fixtures define the edge of each step. The linear fluorescents within the underbelly cavity also spill out between the open wooden slats of the upper level decking, providing low ambient light for the upper level.

Mall of America – East Boulevard Renovation, Bloomington, MN



Lighting Designer: Cooley Monato Studio

Renee Cooley, Jenny Ivansson, Adam Kroll

Architects: Gabellini Sheppard Associates, DLR Group

Rotunda Feature Fabricator: Eventscape

Client: Mall of America

Post renovation, the lighting achieves a spatial clarity and creates a comfortably luminous surround. Inspired by the work of the Bauhaus artist Josef Albers, cove lights frame ceiling paintings. Tiered translucent acrylic panels on the underside of pedestrian bridges are backlit, reinforcing the spatial concept. The focal point of the space, floating above the active event space is a sculpture of concentric rings that are sloped to echo the curvature of the ceiling. Fabric rings are haloed by dimmable LEDs, and a perimeter cove encircles and visually anchors the piece. The rotunda's second sculptural element is a four-level elevator core shrouded in stainless steel mesh, uplit by LEDs. The formal elements of the elevator mass and ethereal floating sculpture complement one another, forming a balanced composition.

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Miho Institute of Aesthetics – Chapel, Shigaraki, Japan



Lighting Designer: Fisher Marantz Stone

Paul Marantz, Zack Zanolli, Michael Hemmenway, Michael Lombardi

Architects: I.M. Pei Architect, io Architects, Masatoyo Ogasawara Architects

Client: Miho Institute of Aesthetics

The chapel at the Miho Institute of Aesthetics is both the physical and the spiritual center of a private school. Designed by I.M. Pei, the tear-drop shaped structure is in contrast to the surrounding building form. Inspired by folding a simple square of paper into a cone and the drape of an oriental gown, this deceptively simple building was realized only through great discipline. Responding to this form, the lighting system was obliged to be similar in design. There are only three lighting elements in the 240-seat chapel - a circular chandelier overhead, a cove where the walls meet the floor, and a stanchion supporting a line of AR111 gimbals lighting the altar. The key light source is a 12m in diameter circular pendant, suspended from three points, and structured like a bicycle wheel with a steel tube core and three spokes. In the hub, 6 AR111 lamps light the altar. The main entrance is a glass cube set into a grand sloping façade window. Light is almost invisibly provided by 2 LED bars under the glass ceiling, with a miniature black dark light reflector cone under each LED. Students enter from below, climbing a limestone stair lighted by 1w LED miniature step lights regressed into the sidewalls.

AWARDS OF MERIT

Clyfford Still Museum, Denver, CO



Lighting Designer: Arup

Brian Stacy, Chris Rush, Rohit Manudhane

Architect: Allied Works Architecture

Client: Clyfford Still Museum

The museum is a solid, continuous form of smooth and textured concrete that is opened up by natural light. Custom-formed cast-in-place perforated concrete ceilings filter and diffuse daylight into the galleries while achieving museum conservation requirements. With daylight primary, electric art lighting is minimized. HIR PAR38 wallwashers allow few fixtures for huge works, while smaller MR16s light typical works. Finely tuned daylight through the concrete ceiling illuminates large galleries. Horizontal shades above the ceiling moderate daylight through the seasons. Smaller galleries without daylight (beyond) accommodate sensitive works on paper. After budget reductions, the final building conception left limited time to prove daylight system feasibility and fully develop it. Validation progressed quickly through hand calculations, paper mockups, scale models, annual exposure computer analysis, and full-scale mockup. Rooftop skylight area is limited for energy performance and costs, while the perforated ceiling presents uniform brightness inside.

Logan, New York, NY



Lighting Designer: Lighting Workshop

Steven Espinoza

Architect: SO-IL

Client: Logan

This ethereal workspace is divided into two identical, symmetrical rectilinear spaces, each one with a long work table that can accommodate working groups of any size. The end section of each continuous table is divided by glass walls, allowing for private spaces. Budget and energy code drove the creation of an especially deep backlit ceiling cavity, thereby maximizing lamp spacing within. In order to deal with internal framing and mechanical/fire protection equipment inside the cavity, dimmable and programmable linear fluorescent fixtures were mounted at various mounting heights and assigned different dimming zones. The various zones were then tuned to create a completely uniform, luminous and diaphanous ceiling. Seamless, floor-to-ceiling, translucent fabric walls separate the central work areas, visually breaking down the scale of the space, and allowing natural light to penetrate. The taut fabric walls absorb the qualities of natural light and change colors as the light changes throughout the day. Looking through layers of fabric, people and objects appear as if out of focus.

Richard B. Fisher Building - Brooklyn Academy of Music (BAM), Brooklyn, NY



Lighting Designer: Cline Bettridge Bernstein Lighting Design

Francesca Bettridge, Michael Hennes, Nathalie Faubert, Jiyoung Lee

Architect: H3 Hardy Collaborative Architecture

Client: Brooklyn Academy of Music

The project is a LEED Gold performing arts center and a new artistic hub within a developing cultural community. The central challenge of the design was to create, on a small budget, an inviting exterior under the constraints of the building's landmark-status: the principal lighting features had to be subtle or come from within. To that end, the building draws one in through its street presence and enlivened interior, illuminating the façade without marring the historic fabric. Within the lobby, concealed LED strips in the coffered ceilings offer another opportunity to provide an interior glow. The stair features frosted glass risers with color changing RGB LED strips to add a sense of whimsy. Those elements, combined with a rooftop terrace, and flexible black-box theater, establish the building as a beautiful destination, inextricably woven into the neighborhood.

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Torre Iberdrola, Bilbao, Spain



Lighting Designer: Cline Bettridge Bernstein

Francesca Bettridge, Michael Hennes, Nathalie Faubert

Architect: Pelli Clarke Pelli Architects

Client: Iberdrola

This corporate headquarters is the first LEED Platinum tower in Europe. The generally overcast weather of the city presented a challenge to designers seeking to create a light and airy feel for the public spaces. Special attention was given to creating an uplifting quality of light by capitalizing on the materials and the inter-reflections between them. The pattern of the 42W CFL recessed fixtures in the ceiling helps define the lobby's complex form, pulling visitors through the space. Ribbons of glass in the floor - lit from below by accessible 3000K LEDs - provide ambient light and reinforce the lobby's curvilinear shape. Each lighting element was carefully chosen for its contribution to the entire architectural composition. The recessed downlights for example, feature a glowing decorative trim that accentuate the pattern in the ceiling. Our desire to light the underside of the sculptural stair was the genesis of the idea for the glass ribbon, which we then extended through the lobby. These designs create playful reflections in the glass walls, which further animate the space.

CITATION AWARDS

Park Hyatt, Washington, DC

For the Complete Transformation of a Space through Lighting



Lighting Designer: Reveal Design Group

Ken Ventry, Levia Lew

Architect: Gonzalez Architects

Client: Hyatt Group

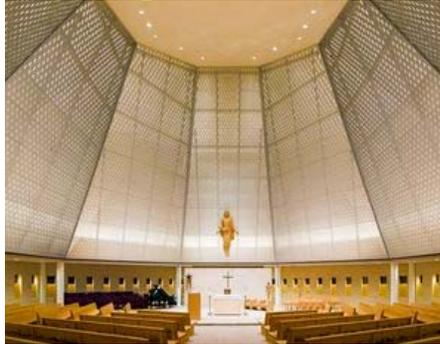
Creating a clean, yet inviting quality of illumination was essential to highlighting the textural richness of the design and providing airiness to an under-served subterranean space. Limited ceiling heights, shallow plenum space and cove depths were among the key challenges. Implementing indirect illumination greatly reduced the number of fixture apertures puncturing the ceiling plane streamlining the visual tableau. The integrated lighting design subtly reveals the interior design's sophisticated textural layers while accentuating the architecture's form and substantially reducing energy consumption from the original design. The pre-renovated area below the stairs was under-utilized with downlights that severely scalloped the walls and provided a high glare, rudimentary means of illumination. Custom pendants shimmer under the angled ceiling. Textured channel glass at the stair banister

sparkle and glow with linear LEDs. Additional backlit channel glass behind the banquette accentuates the upholstered wall's horizontal lines and provides a soft glow around the seating perimeter.

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St. Katharine Drexel Chapel - Xavier University of Louisiana New Orleans, LA

For the Use of Light to Transform Architecture



Lighting Designer: Cline Bettridge Bernstein Lighting Design

Francesca Bettridge, Michael Hennes, Sang Lee, Jeff Hoenig, Nehal Youssef

Architect: Pelli Clarke Pelli Architects

Client: Xavier University of Louisiana

Of paramount importance in designing the chapel was creating a space with an ethereal quality, both welcoming and contemplative. In the sanctuary itself, a large skylight around the perimeter of the roof provides much of the light, filtered through a perforated metal screen, the size and shape of which were influenced by our extensive daylighting studies. On a cloudy day, or at night that expansive effect can be recreated through the use of 3000K/CMH-PAR30 track-mounted wallwashers, placed around the screen's perimeter. The screen also functions as a scrim, and when the wallwashers are turned off, accent lights mounted in the ceiling reflect off the surface, creating a more intimate space. A side chapel is handled in a similar fashion with regards to daylight: by day, light filters through a skylight, and at night, CFL fixtures recreate the effect. Carefully chosen exterior elements are illuminated such that they celebrate the structure and its architecture, while remaining respectful of its placement on a university campus.

2013 IESNYC SERVICE AWARDS

In addition to honoring lighting projects and their designers, the IESNYC also honors individual members for their good works. This year, four unsuspecting lighting professionals were honored by their peers at the Lumen Gala.

IES Section Service Awards, presented in recognition of five or more years of outstanding service to the Section that has significantly furthered the purpose of the Society continuously in various programs and activities was awarded to **Daniel Rogers**, ICF International, member of the IESNYC Board of Managers, co-chair, Education Committee, co-chair, Control This!

Another **IES Section Service Award** went to **Shaun Fillion**, Osram Sylvania, member of the IESNYC Board of Managers, chair, Student Lighting Competition Committee, member of the Education Committee.

A **Brilliance Award**, which recognizes an IESNYC member for their dedication and contributions to the section and the New York City lighting community, was awarded to **Bill Warren**, principal of Willard L. Warren Associates, Lighting and Energy Consultants.

And, for the first time, a **New York City Section of the IES Golden Achievement Award** was presented in recognition of outstanding and continuous support of educational goals and ideals of the IESNYC. It was awarded to **Frank Conti**, Enterprise Lighting Sales, member, Board of Managers, member of the Finance Committee, History Committee, two-time Section President, and has served on many committees and supported many programs during his time of membership in the section.

2013 Lumen Awards Committee: Megan Carroll, chair; Sheryl Breze, Nathalie Faubert, Britnei Godusky, Anna Kim, Randy Sabedra, Adrienne Shulman, Susannah Zweighaft.

About the IESNYC

IESNYC (www.iesnyc.org) is the New York City Section of the Illuminating Engineering Society, the renowned, go-to technical authority on illumination who cater to all lighting professionals – from lighting designers to lighting manufacturers to lighting engineers – virtually all professionals involved with illumination. The IESNYC is comprised of member volunteers – lighting designers, engineers, architects, lighting manufacturers and representatives who all share a love and understanding of lighting and who, as a society, explore new avenues of educating the general public about lighting. The IESNYC aims to improve their own understanding of lighting technology, but also, to gain a city-wide drive for not only aesthetically pleasing lighting, but lighting that is also energy-efficient. The IESNYC is a subordinate of the Illuminating Engineering Society, and recognized as a 501C(3) Not-for-Profit Organization and exempt from income tax under the Internal Revenue Code.

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