



New York City Section

Illuminating Engineering Society

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**Fourteen Lighting Projects Received a Prestigious Lumen Award
At the Illuminating Engineering Society New York City Section's
47th Annual Lumen Gala on June 18, 2015**

Kugler Ning Lighting Design Received Four Lumen Awards

New York, NY June 19, 2015 - The Illuminating Engineering Society New York City Section (IESNYC), the largest section in the Society, announces the recipients of the 2015 Lumen Awards at the 47th annual Lumen Gala held on June 18, 2015. The Lumen Awards, which showcase excellence in lighting design, are the oldest international lighting awards and the Lumen Gala is the most celebrated lighting event in New York City. A record-breaking over 800 members of the lighting and affiliated design industries attended the gala.

The 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 meritorious 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.

Out of over one hundred anonymous submissions, the Lumen Jury selected 14 projects worthy of receiving a Lumen Award. Unprecedented in the history of the Lumen Awards, a single firm - **Kugler Ning Lighting Design** - received a total of four awards.

The jury selected two Awards of Excellence and they were presented to **Kugler Ning Lighting Design** for The Pavilion at Brookfield Place and for the Carnegie Hall Façade Lighting.

Five Awards of Merit were presented. **Cline Bettridge Bernstein Lighting** (CBBLD) in collaboration with **ESI Design** won a Merit for the 330 Hudson Street Lobby; **Fisher Marantz Stone** received a Merit for The National September 11 Memorial Museum, **Focus Lighting** in collaboration with **KB Associates** received a Merit for the Tavern on the Green Courtyard; and **Kugler Ning Lighting Design** won two Merits, one for the McKim, Mead & White Library Restoration (at a private club) and the second for the Restoration of the Nave of Yale Sterling Memorial Library.

Seven Citation Awards were presented. **ARUP**'s Fulton Center and Sky Reflector-Net (for an architectural feature as a light source); **Buro Happold**'s Brown Institute for Media Innovation at Columbia University (for strong execution of a concept); **Claude R. Engle Lighting Consultant**'s One World Trade Center Spire (for controls innovation); **Domingo Gonzales Associates**' Dulles Corridor Metrorail (for design execution for a public transit system); **Studio Joseph** in collaboration with **Studio 1 Thousand**'s Starlight (for light installation); **Tilliotson Design Associates**' Michael Kors Shanghai (for façade detail) and **zeroLUX lighting design**'s Falling Sticks (for light installation).

Lee E. Brandt, LC, IES, IALD, LEED AP BD+C, principal, HLB Lighting Design; AC Hickox, LC, IES, USA Local 829, LEED AP BD+C, principal and vice president, Domingo Gonzalez Associates; Renée Joosten, IES, IALD, lighting design director, ICRAVE; Sarah E. Randall, IES, project manager, Renfro Design Group; Eric R. Scott, RA, senior associate, Highland Associates; and Melanie Taylor, IALD, LEED AP BD+C, vice president, WSP, served as jurors for the 2015 awards.

“The New York lighting community celebrates at the Lumen Awards Gala,” says Megan Carroll, Chair of the Lumen Awards Committee and Director of Sales East at Xicato. “It’s the one night during the year when we gather to honor the accomplishments of our members. A record-breaking over 800 guests from New York City, across the Hudson, and North America came to celebrate our strong, vital industry, and the recipients of the 47th Lumen Awards.”

“The New York City lighting community has a vast depth and breadth of award-winning lighting designers and this, along with the consultants, and manufacturer’s reps, contribute to the making of this year’s Lumen Awards, says Tim Milton, President of the IESNYC and Regional Vice President North East of USAI lighting. “I’m particularly pleased that the IESNYC strives to outreach and support this same lighting community and at the Lumen Awards Gala, it’s also a time to honor select members with Section Service Awards.”

The following members received Service Awards:

IESNYC Brilliance Award - Brilliance: Marty Salzberg, CBBLD

IESNA Section Service Award: Chuck Cameron, SDA

IESNA Section Meritorious Service Award: Randy Sabedra, RS Lighting Design

2015 LUMEN AWARDS of EXCELLENCE

The Pavilion at Brookfield Place

New York, NY





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Lighting Design: Kugler Ning Lighting Design

Jerry Kugler, Jackson Ning, Sunhee Lim, Jung Eun Ra

Architect: Pelli Clarke Pelli Architects

Owner: Brookfield Properties

The pavilion is a grand new entrance through which 35,000 commuters and visitors travel daily into Brookfield Place (formerly known as the World Financial Center). The sweeping form of a pair of 53-foot-tall structural columns are illuminated with a series of metal halide in-ground fixtures. Shadows of the columns are cast onto the ceiling, creating the illusion of even greater volume and movement. Downlights, recessed at the perimeter of the ceiling, provide additional illumination when daylight is insufficient. Fixtures were selected with lens assemblies that minimize lamp heat transfer. Internal custom louvers were developed that optimize light output while controlling glare. Consisting of only energy efficient CMH lamps, total lighting load is 58% below ASHRAE. At night, the pavilion becomes a glowing beacon.

Carnegie Hall Façade Lighting

New York, NY



Lighting Design: Kugler Ning Lighting Design

Jerry Kugler, Amber Moriarty, Erin Gussert

Architect: lu + Bibliowicz Architects

Owner: The City of New York and Operated by the Carnegie Hall Corporation

As a building that evolved programmatically over the last 125 years, Carnegie Hall, a National Historic and a New York City Landmark, had never been fully illuminated before. Vigilant study and documentation were required to ensure all penetrations and mounting supports occurred at repairable locations. Extensive on-site mockups were conducted to review LED distribution, output, attachment methods, and sightlines. Over 130-linear-feet of LED were temporarily installed in 13 locations on two facades. Proprietary 2700K white LED's were selected to accentuate and blend with the building's iron spot brick, terracotta, and painted metal. Once the final lighting was installed, pre-set dimming controls balanced the façade. So as the sun sets, the lighting comes on gradually to its pre-set level.

2015 LUMEN AWARDS OF MERIT

330 Hudson Street Lobby

New York, NY



Lighting Design: Cline Bettridge Bernstein Lighting Design

Francesca Bettridge, Michael Hennes, Renata Gallo

and

ESI Design

Michael Schneider, Ed Purver, Angela Green, Ania Wagner

Architect: HOK

Owner: Beacon Capital Partners

The lobby of this adaptively-reused 1910 warehouse is modern and minimalist, with an LED media art installation that wraps around its perimeter. Inverse white LED covers create glowing lines and softly illuminate the limestone surfaces. Two custom cable-mounted LED pendants run the length

of the lobby. In the pendants, a custom five-channel LED board (RGBWW) allows for tuning whites and creating colors that synchronize with the video panels. At the elevator lobby, concealed linear lensed fixtures highlight overlapping ceiling panels by grazing the surface. The media art's control system senses the image color and in turn informs the color and intensity of the architectural lighting, creating a novel experience.

The September 11 Memorial Museum
New York, NY



Lighting Design: Fisher Marantz Stone

Paul Marantz, Barry Citrin, Zack Zanolli, Carla Ross Allen, Tim Huth

Architect: Davis Brody Bond (museum), SNØHETTA (pavilion)

Owner: The National September 11 Memorial Museum

Carefully designed lighting supports way-finding and provides dramatic emphasis to both artifact and architecture, memory and loss. Visitors proceed from the daylight of the plaza level pavilion through a darkened entry lobby and via a ramp with a brilliantly lighted silver wall, finally down to a monumental, underground site at bedrock. This long sequence, which is the museum's main narrative element, enhances adaptation to museum light levels. Light reflected by two metal volumes where the Twin Towers once stood serves as the general light for the museum.



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Tavern on the Green Courtyard

New York, NY



Lighting Design: Focus Lighting

Paul Gregory, Christine Hope, Brett Andersen, Hilary Manners, Valentina Doro,
Dan Nichols, Andrew Balmer

and

KB Associates

Ken Billington

Architect: Richard Lewis Architects

Owner: Jim Caiola and David Salama

Inspired by the restaurant's famed Crystal Room the lighting design treats the courtyard as an extension of the interior, using multiple layers of light to give dimension to the outdoor space. Classic architecture meets modern influences in the custom-designed cylindrical lanterns with frosted glass gradient shades that radiate a soft, warm light. Steel blue LED accents wash the slate roof while 4200K pattern projectors mimic dappled moonlight. 500 "chandeliers" in varying sizes float above the courtyard in delicate swags. 3.5-watt 2400K LED medium screw-base lamps provide an 86% reduction in energy use and 10% additional lumen output compared to regular 25-watt lamps while adding the same feeling of incandescent sparkle within the canopy above.



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McKim, Mead & White Library Restoration

New York, NY



Lighting Design: Kugler Ning Lighting Design

Jerry Kugler, Jackson Ning, Sunhee Lim, Jung Eun Ra

Architect: Peter Gisolfi Associates

Owner: Private, Members-Only Club

The lighting goals for restoring the McKim, Mead & White designed library, circa 1899, were to highlight H. Siddons Mowbray's murals and ceiling decorations, preserve a low level of illumination faithful to the era and provide pools of light for the reading areas. The murals are illuminated by 95CRI 7.5W 10 degree MR16 LED retrofit lamps concealed within custom wall sconces and book display lights, using details from the period and existing fixtures. Linear LEDs with internal louvers replaced 1970s-era fluorescent tubes within existing stack lights. Layers of light are controlled with lighting presets to enhance visual hierarchy and balance with daylight. Magnetic transformers allow for compatibility with advancing dimmable LED lamps.



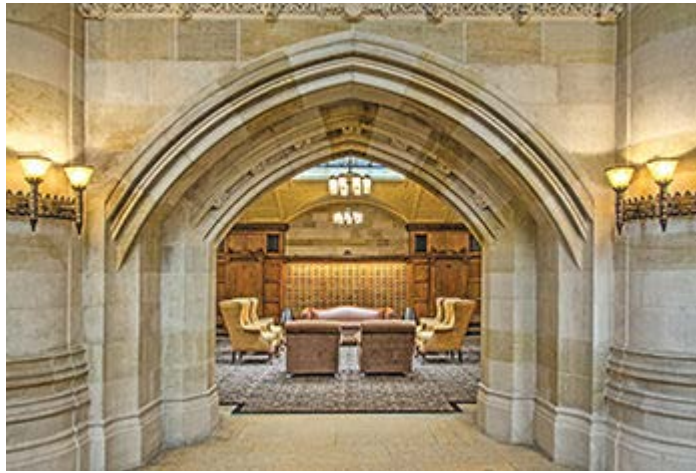
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Restoration of the Nave of the Yale Sterling Memorial Library

New Haven, CT



Lighting Design: Kugler Ning Lighting Design

Jerry Kugler, Jackson Ning, John Newman, Burr Rutledge, Ryoko Nakamura

Architect: Helpern Architects

Owner: Yale University

The challenge was to restore the dark and dreary Collegiate-Gothic nave to its original 1930s splendor, while making the old and new indistinguishable. New 2700K retrofit LED PAR38 and MR16 lamps concealed within balconies, restored wrought-iron chandeliers and new picture lights, illuminate the details of the elaborate ceilings. Retrofit LED A-lamps and diffusion film were added to restored sconces to soften their brightness, and reveal the natural variation of the mica shades. Hand-fabricated chandeliers, using original materials and methods, were added to the north aisle. Pendants and card-catalog fixtures at the south aisle were refurbished and relamped with LEDs to balance daylight from restored skylights. The connected lighting load is 64% below ASHRAE.



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2015 Lumen Citation Awards

Fulton Street Transit Hub and the Sky-Net Reflector

New York, NY



Lighting Design: ARUP

Matt Franks, Star Davis, Brian Stacy, Casey Curbow

Architect: Grimshaw

Artist: James Carpenter Design Associates

Owner: MTA Capital Construction and MTA Arts and Design

Light and daylight played a critical role in the design of this transit hub that serves 11 subway lines and 300,000 commuters daily. A study of the solar geometry of the site informed the location of a 50-foot-diameter skylight oculus. Tilted gently towards the south, it allows for more direct sunlight to enter and during summer months light penetrates as far as two levels below ground. A cable-net structure with reflective panels surrounds the interior of the space below the oculus, reflecting both the direct sun and diffuse skylight, and folding subtle images of the surrounding environment into the space. The hidden electric lighting illuminates the reflector panels, which provide a gentle ambient light that illuminates the interior of the station.



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Brown Institute for Media Innovation at Columbia University

New York, NY



Lighting Design: Buro Happold

Gabriel Guilliams, Pei-Chun Yang

Architect: LTL Architects

Owner: Columbia University School of Journalism

The journalism school's media lab is an academic experiment devoted to the co-evolution of technology and storytelling. A series of intertwining luminous elements builds a network of ambient light to support the institute's varied programmatic needs. Backlight integrated in the perimeter scrim adds depth, and allows the structure to become an extension of the ceiling network, cradling the volume. In media intensive scenarios, eliminating overhead lighting and dimming perimeter light maximizes perceptibility of the projections while reducing peripheral contrast and resulting eye strain. Ceiling lighting dims in response to daylight and during the day the perimeter lighting reduces visual contrast between windows and solid wall surfaces.



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One World Trade Center Spire

New York, NY



Lighting Design: Claude R. Engle, Lighting Consultant

Claude R. Engle III and Claude R Engle IV, John Berg, Tom Trytek and Aaron Mackenzie, Brian Richardson, with John Luhrs and Paul Rabinowitz, John Gebbie and Brian Dunn

Architect: Skidmore, Owings & Merrill

Systems Integration: Barbizon Lighting

Owner: Port Authority of New York and New Jersey and The Durst Organization

The entire span of the 408-foot steel spire that tops 1 WTC is illuminated. Designed to be reminiscent of a light house, the summit of the spire features a custom-made rotating beacon with an array of 50w LED modules designed to fit inside a glass capsule. The final upright design includes 124 LED color-changing fixtures with on-board status monitoring and diagnostic capabilities. The fully integrated control system includes a web based graphical user interface capable of monitoring the self-diagnostic lighting fixtures, motor assembly, relay panels and weather station. The centralized computer provides various color selections which range from single color to dynamic color sequencing, as well as a "strobe on command" capability.



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Dulles Corridor Metrorail System

Fairfax County, VA



Lighting Design: Domingo Gonzalez Associates

Domingo Gonzalez, AC Hickox, Frederik Amnas, Patrick Merosier, Ana C. Pena

Architect/Engineer: Dulles Transit Partners

Owner: Washington Metropolitan Area Transit Authority

After a ten-year design-build process, the five completed stations included in Phase One of the Silver Line soar above the vehicular traffic. A limited quantity of lamp types such as integral jacketed and bare lamp 35KT8 LF's, and MH types employed in high volumes, result in a maintenance-friendly installation. Exterior lighting is controlled via photocell for dusk-to-dawn operation. Bare lamp strips extend the length of the mezzanines for maximum energy efficiency. These custom continuous extruded aluminum luminaires deliver downlighting to walking surfaces and uplighting reminiscent of the system's heritage. The lighting extends themes of visual lift, angular accent and linearity, and succeeds by expressing architectural intent, meeting illuminance, uniformity, and energy targets.



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Starlight

New York, NY



Lighting Design: Wendy Evans Joseph Architect

Wendy Evans Joseph, Chris Cooper, Wonwoo Park

and

Studio 1 Thousand

Kenzan Tsutakawa Chinn

Architect: Studio Joseph

Owner: Museum of the City of New York

This dynamic, site-specific installation provides the entry of the museum with the feeling of public engagement. Walking the stairs between the entry level and 2nd floor, the effects inherent in the geometry of a uniform, spatial six-inch grid create an array of radiating patterns. To maintain the simplicity of the concept, hand-assembled, computer-generated components were used. Starlight is composed of 5,243 double-sided pixels hung on 210 tri-partite strands forming a 15-foot in diameter (30 strands) circle in elevation, 42-inches (7 strands) deep in plan. Pixels are constructed from double-sided circuit boards on which white LED chips are mounted. The non-lensed chips provide 4.7 times the luminosity compared to the original chandelier.



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Michael Kors Shanghai Façade

Shanghai, China



Lighting Design: Tillotson Design Associates

Suzan Tillotson, Thomas Bergeron

Architect: Kohn Pedersen Fox

Owner: Michael Kors

The luminosity and clean geometry of the store façade creates a pattern that suggests a complex structure that cannot easily be discerned. Composed of angled peened metal luminaire reflectors, the façade and finishes were informed to maximize the grazing and reflective properties of light. The linear LED luminaires were carefully designed in a custom concealed accessible drawer that fully shielded the light assuring the mystery of the effect. Additional RGB luminaires along the back provide a subtle color changing effect in the evening to add another dimension of change. The entire system had to be flexible and fit within cavity sizes ranging from 11- to 36-inches to mitigate existing structure.



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Falling Sticks

Kansas City, MO



Lighting Design: zeroLUX lighting design

Lana L. Lenar, Robert Van Antwerp (with Charles Pavarini III)

Interior Design: Pavarini Design

Owner: Lucas Place Lofts

The focal point of the renovated Lucas Place Lofts, once a garment factory, is a nine-story skylight atrium. Despite the openness of the space it was dark and lifeless. The project's interior designer envisioned a custom lighting installation that would evoke debris swirling around the atrium as if tossed about by a tornado. Falling Sticks is composed of 30 nearly invisible individual strands of aircraft cable, supporting six-inch in diameter custom LED luminaires that vary in length from two-to-six-feet and are randomly placed along each strand. Each tube is illuminated by coiled LED tape for both energy efficiency and longevity and is connected to a remote driver for easy maintenance.

Photo credits: Carnegie Hall Façade – Jeff Goldberg/ESTO; Pavilion at Brookfield Place – Jeff Goldberg/ESTO; 330 Hudson Street Lobby – ESI Design; McKim, Mead & White Restoration – William Philbin; Nave at Yale's Sterling Library – Brian Rose; Tavern on the Green Courtyard – Ryan Fischer (Focus Lighting); September 11 Memorial Library – James Ewing Photography; Brown Media Center – Michael Moran; Dulles Corridor Metrorail System - Joseph Romeo Photography; Falling Sticks Robert Van Antwerp (zeroLUX lighting design); Fulton Street Transit Hub and Sky Reflector-Net – James Ewing Photography; Michael Kors Shanghai – Hans-George Esch, HGEsch Photraphy; One World Trade Center Spire – Michael Lee Photography; Starlight – Edward Hueber/ArchPhoto.

Additional photos/images are available upon request

About the Lumen Awards

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 2015 Gala, close to 800 attendees from various sectors of the industry, including lighting designers, interior designers, architects, manufacturers, consultants, and academics came to celebrate.

About the IESNYC

IESNYC (www.iesnyc.org) is the New York City Section of the Illuminating Engineering Society. The IESNYC is a volunteer professional membership organization whose members share a mutual appreciation for and fascination with, all things lighting. They are lighting designers, architects, engineers, consultants, lighting manufacturers, lighting representatives, electrical distributors and allied professionals. IESNYC members are dedicated to promoting the art and science of illumination engineering to their members, professionals, the lighting industry, and the public through inspiring events, informative programs and educational series, social outreach, and networking opportunities.

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