NORTHROP AUDITORIUM RENOVATION HONORED WITH IALD AWARD OF MERIT
LIGHTING DESIGN BY HGA ARCHITECTS AND ENGINEERS + ARUP

NEW YORK, NY USA, 5 MAY 2015 | Fifteen award winners representing architectural lighting design projects from six countries comprise the winners of the 32nd Annual International Association of Lighting Designers (IALD) International Lighting Design Awards, recognized at a presentation held 5 May at Gotham Hall in Las Vegas, NV USA. Of the fifteen projects recognized, one entry earned a Special Citation, ten earned Awards of Merit and four earned Awards of Excellence.

Accepting the IALD Award of Merit for NORTHROP AUDITORIUM RENOVATION were Tao Ham, IALD, and Jason Edling, IALD.

Prominently located on the University of Minnesota campus, Northrop is a historical icon. Although a celebrated landmark, Northrop has suffered from deficient sight-lines, poor acoustics and underutilization. The lighting solution provided by HGA and Arup was envisioned to create luminous spaces and reveal fine details.

In the three-story atrium, illuminated walls and ceiling create a luminous surrounding for gathering. The entrance wall is highlighted by linear 3000K LED wall slots. LED wall washers, also at 3000K, evenly illuminate the curved walls. Linear 3500K LEDs concealed in the ceiling trellis create the illusion of skylights with backlighting, while 70W 3000K AR111 downlights in carefully-detailed ceiling openings provide general illumination. With limited daylighting, creating luminous volume is essential to bringing the narrow atrium to life.

The Founders Room features custom pendants with 26W 3000K CFL uplights, highlighting the intricate coffer ceiling. Small aperture LED downlights provide additional general illumination. Previously situated within the auditorium, the loggia is restored as the centerpiece for the stair-hall. In-ground 8W LEDs highlight the monumental piece dramatically while providing ambient light.

The historical auditorium inspired the new performance hall. 2700K LED coves define the ceiling coffers, while 500W halogen downlights provide general illumination to the seats 80 feet below. A necklace of lights along the balcony edge recalls the candlelights of the original balcony. Underneath the balconies, 50W halogen luminaires are concealed in curved architectural slots.

The proscenium arch at the stage opening is highlighted by 500W halogen hardwired theatrical luminaires. Cross-aiming and precise framing allow well-controlled, even distribution despite shallow aiming angles. Above the arch, concealed linear 2700K LEDs graze the proscenium screens, connecting the arch to the ceiling. Custom sconces bring intimacy at the floor level. The project achieved 26% energy-savings below the Minnesota energy code.

“A successful union of day lighting and subtle artificial lighting enhances the challenging voluminous spaces inherent in this project,” one judge said. “Illuminated surfaces and volumes become the feature, not the light sources themselves.”

#MORE#
The IALD Lighting Design Awards program, established in 1983, honors lighting projects that display high aesthetic achievement backed by technical expertise. Additionally, projects can also be submitted for consideration in the sustainable design award category, which means the project undergoes an additional round of judging keyed solely to the fulfillment of sustainable design principles. A panel of award-winning lighting designers, architects and interior designers review the projects.

The International Association of Lighting Designers (IALD), established in 1969, is an international organization supporting a network of more than 1,200 lighting design professionals who satisfy its rigorous qualification process. Its members are distinguished by a unique blend of aesthetic and technical expertise, and operate at the highest level of integrity to create a better world through leadership and excellence in lighting design; to cultivate the universal acknowledgement and appreciation of the Power of Light in human life.

END OF ITEM

32nd ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS AWARDS PROJECT CREDITS

NORTHROP AUDITORIUM RENOVATION
MINNEAPOLIS, MN USA

LIGHTING DESIGN
TAO HAM, IALD
HGA ARCHITECTS AND ENGINEERS

JASON EDLING, IALD
ARUP

ADDITIONAL CREDITS
ARCHITECTURE
HGA ARCHITECTS AND ENGINEERS

INTERIOR DESIGN
HGA ARCHITECTS AND ENGINEERS

LANDSCAPE ARCHITECTURE
HGA ARCHITECTS AND ENGINEERS

ACoustics + THEATRE CONSULTANT
ARUP

STRUCTURAL ENGINEER
MEYER BORGMAN JOHNSON

MECHANICAL ENGINEERING
HGA ARCHITECTS AND ENGINEERS

ELECTRICAL ENGINEERING
HGA ARCHITECTS AND ENGINEERS

CIVIL ENGINEERING
HGA ARCHITECTS AND ENGINEERS

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