UNITED STATES INSTITUTE OF PEACE HONORED WITH IALD AWARD OF EXCELLENCE
LIGHTING DESIGN BY LAM PARTNERS

LAS VEGAS, NV USA, 10 MAY 2012 |
Fifteen award winners representing architectural lighting design projects from seven countries comprise the winners of the 29th Annual International Association of Lighting Designers (IALD) International Lighting Design Awards, recognized at a presentation held 10 May at the Renaissance Hotel in Las Vegas, NV USA. Of the 15 projects recognized, two entries earned Special Citations, six earned Awards of Merit and seven earned Awards of Excellence.

Prominently located near the Lincoln Memorial in Washington, D.C., the United States Institute of Peace contains offices, an international conference center, and public exhibition and event space. The wing-like roofs connect the building’s three curving sections, enclosing two atria below. These multi-layer translucent structures presented the most challenging lighting problem – to light the roofs with no visible sources so they glow softly both inside and outside. A pervasive lighting theme is present throughout, revealing and animating but never competing with the architecture.

The translucent roofs are comprised of outer diffusing glass and an inner white membrane, with structure sandwiched in between. Extensive computer modeling, material sample testing and a full-scale mockup in Germany were required to determine the roofs’ transmissive and diffusing characteristics and to validate the lighting solution.

“The technical challenge of lighting the curved roof structure has been mastered seemingly effortlessly,” one judge praised of the final result.

Perimeter offices are fully daylighted. Clerestories bring daylight into corridors so that they often do not need to be lit with supplemental electric light. Continuous T5 strips integrated into the curving clerestories’ base provide dual function – indirectly lighting both offices and corridors – keeping the ceiling surfaces pristine.

T5HO cove fixtures in the tops of walls light the atria roofs. Digital addressable ballasts allow light output to be tuned along the roof perimeter and dimmed overall, effectively accentuating the roofs’ curvature. This single source simultaneously provides the interior ambient lighting and the exterior surface glow.

A central lighting control system employs occupancy sensing, daylight sensing, scheduling, and local preset scene control techniques for maximum energy savings and occupant satisfaction. The project achieved LEED Gold certification.

The International Association of Lighting Designers (IALD), established in 1969, is an international organization supporting a network of 800 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
29TH ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS AWARDS PROJECT CREDITS

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