EXPO AXIS AT THE WORLD EXPO SHANGHAI HONORED WITH IALD AWARD OF MERIT
LIGHTING DESIGN BY SHANGHAI GRANDAR LIGHT ART & TECHNOLOGY CO LTD

PHILADELPHIA, PA USA, 18 MAY 2011 | Seventeen award winners representing architectural lighting design projects from nine countries comprise the winners of the 28th Annual International Association of Lighting Designers (IALD) International Lighting Design Awards, recognized at a presentation held 18 May at the Crystal Tea Room in Philadelphia, PA USA.

Accepting the IALD Award of Merit for the EXPO AXIS AT THE WORLD EXPO SHANGHAI were Wen Yuan, Xu Hui and Chu Xingwu.

Welcoming guests to the World Expo Shanghai and serving as the main point of entry, the Expo Axis features the world’s largest membrane roof, with a surface of 65,000 m². The biggest challenge of this project was combining general and architectural lighting for the 900 meter long membrane roof and the six “Sun-Valleys” (steel structures with glass façades approximately 40 meters tall and 80 meters wide).

“Although we can see this kind of design all around, this specific example shows high quality, intensive care and a creative technological concept of flexibility and beauty,” stated one judge. “All of us at the jury table were highly impressed by the standards and quality of this project.”

The elegant membrane roof is enhanced by light generated by 1,900 36W LED washers and 1,000 150W HID lights. The synchronization of the lights enables a river-flow lighting effect on the roof. The beauty of the steel and glass Sun-Valleys is revealed by 78,000 2.4W RGB LED nodes. The first and sixth Sun-Valleys (at the Expo entrance and the Bund) each have about 30,000 pixels, thus displaying a more vibrant presentation. This arrangement saves both money and energy.

Different areas of the structure are linked by fiber optics. An intelligent central server provides real-time control and 3D programming. At night or off-peak hours, the intelligent central control server can switch to an energy-saving mode automatically according to a pre-programmed timetable.

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 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
MORE
28TH ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS AWARDS PROJECT CREDITS

EXPO AXIS AT THE WORLD EXPO SHANGHAI
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