FUTAKO TAMAGAWA RISE HONORED WITH IALD AWARD OF EXCELLENCE
LIGHTING DESIGN BY LIGHTDESIGN INC

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.

The Futako Tamagawa Rise near Tokyo was opened in March 2011, only weeks after the 11 March 2011 earthquake struck Japan. The residual nuclear and environmental concerns after the earthquake meant the designers needed to quickly reevaluate and reconfigure the building’s energy load. As a result, most of the lighting in the space was never turned on from lack of nuclear power. The project has been designed with moderate darkness and intonation which is typically absent in the Japanese commercial lighting environment.

"This successful combination expresses emotion through light. It is an elegant solution that defines the plaza as both playful and thoughtful,” one judge stated of the project.

With a 40-meter-high glass ceiling, enough light is usually generated during daytime. For lighting after dark, the designers reexamined and redesigned the space to come up with a comfortable margin of darkness in a commercial public space. Vertical light levels in the main concourse of Futako Tamagawa operate at approximately 30% of the brightness of other stations in Japan.

Three months after the disaster, the lighting designers reprogrammed the lighting sequence of the bridge fascia, linear light stream on the ground and reed-inspired light pole motif to darker light levels to preserve energy. The new sequencing eliminated the metal halide general lighting from above, creating the scene with the LED linear indicator and accent lighting. Reprogramming the scene used 31% of the original design’s total energy consumption.

“An evolution in consciousness caused by a natural disaster,” one judge stated of the project.

Most commercial space in Japan requires 500 lux; however, users of this galleria enjoy the beautiful environment created with just 10 lux. The bridge fascia changes its color, beginning with a warm incandescent color at early nighttime, changing red-purple to blue as the night progresses. After 22:00, star dust flows down via projected light.

End of Item
29TH ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS AWARDS PROJECT CREDITS

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