FARMUS KIJIMADAIRA WINS IALD AWARD OF MERIT
LIGHTING DESIGN BY TOH DESIGN

SAN DIEGO, CA USA, 28 APRIL | Luminaries of the lighting profession gathered at the San Diego Air and Space Museum on 27 April to honor the winners of the 33rd Annual International Association of Lighting Designers (IALD) International Lighting Design Awards. Seventeen projects from eight countries were on display – including religious spaces, memorials, façades, and even a gas station. Taken together, the winners represent some of the most innovative and inspiring work found anywhere in the world of architectural lighting design.

FARMUS Kijimadaira, a warehouse factory in Nagano, Japan, with lighting design by Toh Design, took home an IALD Award of Merit. FARMUS Kijimadaira is the renovation of an old factory building into an all-in-one operation center including production, processing, distribution and services for locally grown produce.

The factory buildings are connected, creating unique open spaces – and smaller “houses” nested within these large spaces. Kijimadaira is a snowy region, and the designers wanted to evoke warm, inviting lanterns dotting the landscape and shining their interior functions onto the outer world. The multilayered roofing includes a ceiling membrane, permeable insulation, sash, and clear, corrugated polycarbonate sheets. To achieve the lantern effect, fixtures were mounted between the membrane and insulation, creating diffuse light inside and a soft glow outside.

Inside the hall, no fixtures are mounted on the 7.4m-high marche hall ceiling, a signature look the designers wanted to preserve. Instead, downward-facing spotlights are mounted 3.5m high on structural columns, while uplights expose the post-and-beam ceiling. Their modest light creates a soft ambiance, highlighting each structure and emphasizing the elaborate old ceiling.

“This is a wonderful solution – a great example of innovative lighting integration on a modest budget in a rural area,” said one judge.

Slits in the ceiling were applied to mount downlights and allow high-intensity lighting only where needed. During design, the ceiling was adjusted repeatedly to prevent shadowing from the roofing structure and equipment. In some zones, such as the café and restaurant, where bright lighting was unnecessary, the luminous ceiling is limited to the outside edge, with a color temperature of 2800K. Near the restaurant entrance sits a wood-burning stove used to boil locally grown, specialty rice. Custom-made pendants from wooden rice measuring cups are randomly suspended over the dinner area.

“The playful yet rigorous lighting solution significantly contributes to the welcoming feel of the smaller buildings,” wrote another judge.

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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.

For complete details and high resolution photos of this year’s award-winning projects, visit iald.org.

The International Association of Lighting Designers (IALD), established in 1969, is an international organization supporting a network of more than 1,250 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.

33RD ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS AWARDS PROJECT CREDITS

FARMUS KIJIMADAIRA
NAGANO, JAPAN

LIGHTING DESIGN
Aki Hayakawa, Associate IALD
Toh Design

ADDITIONAL CREDITS
ARCHITECTURE
Takenori Miura
Kyota Shukuri
Yumiko Imasaka
Tomoko Osono
Sakura Konko
STARPILOTS

Takuma Shimura
Shimura Architects

ELECTRICAL SYSTEM
Eijiro Mori
Setsubi-Keikaku

CONSTRUCTION
SUN-TAKIZAWA

ELECTRICAL CONSTRUCTION
Akihiro Mochizuki
Takatsu Electric

PROJECT OWNER
Kijimadaira Village

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