HSBC CAFETERIA IN DUSSELDORF, GERMANY, RECEIVES IALD AWARD OF EXCELLENCE
LIGHTING DESIGN BY LICHT KUNST LICHT BRINGS THE FEELING OF DAYLIGHT TO AN UNDERGROUND SPACE

CHICAGO, IL USA, 9 MAY | Luminaries of the lighting profession gathered at Chicago’s trendy Revel Fulton Market on 9 May to honor the winners of the 35th Annual International Association of Lighting Designers (IALD) International Lighting Design Awards. Seventeen projects from eleven countries were on display — including interiors, workspaces, museums, hospitality sites, and a place of worship. This year’s winners represent some of the most innovative and inspiring work found anywhere in the world of architectural lighting design.

The design of the HSBC Cafeteria in Dusseldorf, Germany, with lighting design by Licht Kunst Licht, took home an Award of Excellence, accepted in person by Isabel Sternkopf and Andreas Schulz, IALD.

As part of a modernization project, a staff restaurant and associated kitchen from the 1970s were to be architecturally renovated. An essential part of the design task was to introduce daylight by constructing a new light well, creating a welcoming, light-flooded, communicative environment for company employees and kitchen staff.

The team quickly learned that for structural reasons, only a confined shaft geometry with small windows could be realized. Comprehensive studies demonstrated that the daylight intake from such a light well would be minimal, with few positive effects of natural light and unnoticeable views to the exterior. This approach was rejected; instead, designers began work on an electric lighting-based, human-centric illumination that would support the occupants’ circadian rhythms.

The design team reviewed the district government’s requirements regarding daylight entry, and worked in close collaboration with the client, the architect, an occupational physician consultant, and an expert on occupational health and safety, to meet and exceed these requirements where possible. This collaboration ultimately determined the specific wavelengths and scene programming of the luminous wall design, simulating daylight’s annual variations, dynamics, light color, light direction, and light intensity.

A floor-to-ceiling panorama window wall, more than 20m long, shows a folded image of the river Rhine by a Dusseldorf artist. When illuminated, the wall compensates for the lack of daylight and emulates a relation to the outdoor environment. Behind the glazing, linear RGBW LED luminaires are concealed in the floor to simulate the natural light in the early morning and late evening hours. Linear LED luminaires concealed in the ceiling with a color temperature spectrum between 2700K and 6000K simulate daylight during mid-day hours.

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The light intensity and color of these fixtures are automatically adapted to the time of day by means of an intelligent control system. The transition is smooth, gentle and imperceptible to the occupant. Some seating areas are accentuated by pendant luminaires, while the large, multi-use table cluster at the center is uniformly lit by a lattice-like light structure. The vibrant accent illumination above the buffets is supplemented by discreet ceiling recessed luminaires in the circulation zones. The color temperature of the aisle access illumination and the lighting of the adjacent open kitchen is equally variable and is controlled in sync with the luminous wall.

The artificial panorama window provides human centric illumination in a daylight deprived space that respects and supports the occupant’s individual circadian rhythm. A vital lighting atmosphere and high quality of stay with increased well-being characterize this successful renovation project.

“This project succeeds resoundingly where many have tried,” said one judge, “bringing a connection to sunlight and view to the exterior where neither is available.”

The IALD Lighting Design Awards program, established in 1983, honors lighting projects that display high aesthetic achievement backed by technical expertise. A panel of award-winning lighting designers, architects and interior designers review the projects in a three-day, anonymous review process. Full information about the judging process can be found in the 35th Annual IALD Awards Call for Entries.

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

The International Association of Lighting Designers (IALD), established in 1969, is an international organization supporting a network of more than 1,400 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

35TH ANNUAL INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS
AWARDS PROJECT CREDITS

AWARD OF EXCELLENCE
HSBC Cafeteria, Dusseldorf
Dusseldorf, Germany

LIGHTING DESIGN
Isabel Sternkopf
Andreas Schulz, IALD
Licht Kunst Licht AG

ADDITIONAL CREDITS
Architecture
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