

*Text for printed magazine*

## **Light + Building 2018 continues its success with all the latest issues and 2,600 exhibitors**

“Connected – Secure – Convenient” is the slogan for the upcoming Light + Building in Frankfurt am Main. The world’s leading trade fair in its field will be held from 18 to 23 March 2018, with this as its central theme. All the market leaders have signed up and some 2,600 exhibitors are expected. They will be coming to present their innovative products in the fields of lighting, electrotechnology, home and building automation and security technology – many of them for the first time anywhere in the world. Overall, Light + Building will occupy an additional exhibition hall and thus continues to grow once again.

At the centre of concerns are the driving issues ‘smartification in everyday life’ and ‘aesthetics and comfort in harmony’. At this, the world’s biggest trade fair for lighting and building services engineering, the industry will be showcasing intelligent, networked solutions, groundbreaking technologies and the latest design trends, which both increase the energy efficiency of buildings and enhance the comfort and sense of security of the users. The trade fair for innovation par excellence, Light + Building brings together all electrically driven building services systems, thus promoting integration in the planning of buildings, with a spectrum of products that is unique in both breadth and depth – from the ‘smart home’ to the ‘smart building’.

There is a major emphasis, in 2018, on security technology. The integration of a variety of security systems, such as video surveillance and access control, their networked inclusion and integration into the technology of the building automation system are all aspects that are of relevance to the sector. So that, for the first time at Light + Building, the two product groups, home and building automation and electrically controlled security technology, will be grouped together in Hall 9.1. This provides a common port of call, a centre for all the integrated building services technology, offering visitors an all-round overview of the entire spectrum of home and building automation, together with electrically based security technology. In addition, both product groups will also exhibit in Halls 11.0 and 11.1. The new exhibition hall will, additionally, be enhanced with the special show entitled ‘SECURE! Connected Security in Buildings’ and the Intersec Forum, which will be held in parallel on four days of the show.

The special exhibition, ‘**SECURE! Connected Security in Buildings**’, shows visitors how a building’s efficiency can be improved, whilst, at the same time, the security requirements and the individual needs of the users are taken into consideration. Quite separate from the presentations by the exhibitors, all the different tasks required in three practical applications (hotel, office and industry), considered from the point of view of the user interface, will be conflated in a single unit.

A key area of focus, in the **Lighting** product group, is the presentation of the latest design trends in the lighting market and the high levels of competence of the exhibitors in terms of design. Digitalisation has opened the way for a whole new dimension in lighting design. Innovations in lighting technology are putting human beings and their personal needs at the centre of focus. This is shown in the increasing importance of Human Centric Lighting (HCL). This is, amongst other things, about the way in which lighting affects human beings and about the impact of light on their health, efficiency and well-being. As in the case of HCL, digitalisation also makes it possible to manage street lighting and, moreover, provides the framework for additional services – such as charging points for electric vehicles, for instance,

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or broadband infrastructure, surveillance sensors, loudspeakers for emergency announcements or alarm buttons. Enriched with such additional functionality, street lighting offers some interesting 'smart-city' lighting concepts and thus contributes to the potential creation of 'smart cities' themselves. The entire spectrum covers designer luminaires, in various styles, technical luminaires and lamps, in a variety of versions, for all kinds of application, together with a large selection of technical lighting components and accessories, as well as exterior and street lamps – and they can all be found in Halls 1 (Trendspot Design) to 6 and Hall 10, as well as in the Forum.

A key role in the creation and operation of intelligent, networked building services – whether it be the 'smart home' or the 'smart building' – is played by electrical and electronic engineering, as well as by the home and buildings automation sector. **Electrotechnology**, with its inter-disciplinary approach, focussed on holistic, all-round solutions, has a central part to play in building services engineering generally. So, at Light + Building, we find electrical and electronic solutions in the context of the work of other trades such as lighting, home and building automation and security technology. Through this unique combination, industry is able to present an integrative range of products and services, which make a crucial contribution to fully exploiting the potential energy savings within buildings. And, because it involves bringing together all the technical trades, the **automation of buildings**, too, has a major role to play: the successive networking and digitalisation of electrotechnical installations enhances the quality of life both at home and at work. At Light + Building, the industry will be showcasing solutions that aim as much at low energy consumption and modern security requirements as they do at preserving opportunities for individual design and high levels of comfort and convenience. The trade visitors at the show will find the range of energy-efficient solutions for building services systems, electrical installations and building services infrastructure on offer in Hall 8.0. In Hall 11.0, everything revolves around electrical installations and network technology. Design-oriented electrical installations and building services engineering find a home in Hall 11.1.

In addition to the broad range of products and services offered by the exhibitors, much of the appeal of Light + Building lies in its varied complementary programme, which, for the first time, is to be grouped thematically under a number of headings, including: 'Emotion', 'Skills', 'Career' and 'Selection'. There are specific features aimed at all trade visitors, such as architects, engineers, planners, interior architects and designers, tradesmen and women, retailers, wholesalers and representatives of industry, ranging from special exhibitions to specialist lectures and presentations of current trends.

Further information relating to Light + Building and its Complementary Programme, as well as details of travel and tickets for the show can all be found at: [www.light-building.com](http://www.light-building.com).

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