

Light + Building 2018

buschfeld is coding light into new dimensions: Sense System and Freestyler

At the Light + Building in Frankfurt, the world's leading fair for lighting and building services technology, buschfeld presents the two innovative lighting concepts Sense System and Freestyler. Both products open up entirely new, multidimensional opportunities for designing interior spaces with light. The basis for this is latest digital technology. In addition – this only applies to Freestyler – the development of new connectors allows for the creation of large luminous structures. Sense System and Freestyler can be seen as customized products, as modular systems for lighting design solutions, always adaptable to individual needs.

Sense System – Light that touches you in a new way

Sense System is the digital consequence of the delicate buschfeld track system Light-Light. It is based on 48 V DC supply voltage. Thus, Sense System offers new options for intelligent and modular lighting. A system that is discreet and explicit at one and the same time: elegantly plain and simple, impressively effective. Create lighting scenarios, activate luminaires individually as required, shape complex luminous structures to an optimum via an app, transfer data and information. Sense System – light with a sense for the aesthetic.

Key elements are slimline tracks as well as the new 48 V DC luminaires with innovative drivers and an extremely compact design. Along the entire track, spotlights of different sizes and functions can be easily positioned and digitally controlled: via smart phone or EnOcean wall switches all luminaires of the Sense System can easily be operated, dimmed and programmed. It is possible to create complex lighting scenarios, ranging from functional to atmospheric illumination. Also, motion and humidity sensors can be linked wirelessly to the network. Options that are of particular relevance for museum spaces and churches. Additionally, data such as energy consumption and operating time can be transmitted to a computer or a smart phone. Together with a gateway, the Sense System luminaires, which are equipped with the open standard technology iBeacon, can also be operated, programmed or controlled externally. It will thus be possible to network up to 32.000 luminaires within a building.



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Latest technology, lasting aesthetic

Sense System also scores points for its user-friendly design. Switches don't need cable connection nor batteries. They are compatible with other EnOcean components already on the market and can be reprogrammed via app anytime. Thus, individual adjustment is a core feature of Sense System.

The new Sense System with 48 V is based on the components of the LightLight system, so that the entire product typology optically remains unchanged: The aesthetics of LightLight and Sense System fit together perfectly.



Freestyler – Ultra-slimline luminous structures in new dimensions

Freestyler is an evolutionary tool to create large-format luminous structures in geometric, three-dimensional shapes. Based on the buschfeld Pend track system, straight or curved elements can now be assembled and combined in different ways to design luminous structures and bodies, where 48 V DC Sense System spotlights can be positioned. Freestyler takes individual requirements into account: Its modular concept also allows for almost any design of tailor-made lighting structures. Strikingly attractive, geometric, minimalist. Freestyler – a tool for creating unique lighting scenarios.

Cubes, Spheres, Chandeliers

The invention of a completely new typology of star-like shaped track connectors has resulted in the idea of Freestyler. With a new number of possible „rays“ und new, slightly curved tracks, Freestyler presents unprecedented design options and inspires to create exceptional shapes: Straight lined tracks turn into cubic structures or star-shaped mesh up to a size of 50 square meters. With curved tracks gigantic spheres, oval shapes or new interpretations of chandeliers are possible with diameters of up to four meters – perfect for stagings in foyers and spacious hall-like interiors.

While Freestyler presents new perspectives for track structures, the Sense System ensures the future viability of the lighting conception. No matter if functional or decorative light, any kind of luminaire can be installed without tools. Because of the smart Sense system technology, they can be networked, individually controlled to always create the perfect lighting scenario. Thanks to the system design, which is typical of buschfeld, each Freestyler structure will be assembled upon reaching its destination. Meaning small packing size for transportation and shipping.



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Light+ Building trade fair booth 2018: Light as geometric component of architecture

The cologne light manufacturer buschfeld regards itself as a trendsetter of a modern and lively architecture, which explores limitations at the interface between light, space, technology and high-quality design. At the booth located in the Trendspot hall of the Light + Building fair (hall 1.2) this is perceptible: It is a space marked by large-formatted luminous structures, which interfere with each other and make striking statements. Here, buschfeld presents all the multifaceted options in designing light with Sense System and Freestyler. Creating delicately scalable lighting scenarios in tailor-made modularity via smart phone app or EnOcean switches are the focus of this presentation.

Nine striking luminous structures

With the Freestyler track elements, buschfeld has designed nine exemplary lamps, that couldn't be more diverse. They explore the Freestyler design potentials: Blade Wheel – a chandelier, which is stretched up to 3,30 meters into the vertical line. Sphere – two gigantic structures in round and oval shapes present a diameter of 2,2 meters. Square – a matrix based on squared grids reaches a size of 4,5 x 1,8 meters. Starry Sky – a star-like shaped mesh has a horizontal orientation of 2,4 meters. And Parrot is a game of asymmetries: two circles of different size (1,6 and 0,8 meters in diameter) are connected at a right angle. Depending on the perspective, the contour of the lighting object changes time and again.

You will find the latest press kits: www.buschfeld.de/presse/

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