

Press release

LpS gives innovation award for sunlight luminaire

The joint project of the LED specialist Lumitronix from Baden-Württemberg, the semiconductor manufacturer Seoul Semiconductor and the technology group Toshiba Materials won the coveted LpS Award in the category "Best Field Application" at this year's LED professional Symposium & Expo 2018 in Bregenz. The award is presented once a year to the most innovative application solution in the lighting industry and is presented by the LpS organiser, Luger Research.

The award was given for a technology that is capable of realistically reproducing the spectrum of sunlight over the entire course of the day. The sample luminaire can adapt its spectral progression and brightness to the natural daylight cycle depending on location and time of day. This has positive effects on concentration, well-being and sleep.

This is made possible by a "LinearZ" LED module developed by Lumitronix and the extremely versatile "PowerController" control unit. The compact PowerController provides individual lighting scenarios and enables the luminaire to always produce the right lighting to match the human biological clock. The LinearZ LED module is equipped with SunLike LEDs from Seoul Semiconductor and Toshiba Materials. Light from these new LEDs with SunLike technology contains all components in the same composition as sunlight. Colours and structures appear as if they were under daylight, negative effects on the eyes or biorhythm are prevented.

About Lumitronix

Lumitronix has been one of the leading specialists for LEDs and LED products for many years. As a competent partner for the industry, Lumitronix possesses extensive application knowledge from numerous sectors. The Swabian company, based in Hechingen, Germany, has ISO 9001 certification and is also the official distributor of market-leading manufacturers of LED technology. Lumitronix is not only involved in the distribution of LED products, but also develops and manufactures in-house according to customer-specific requirements. Quality Made in Germany.

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