

## Press release

### Patented Conext connection system enables electrical contacting without connectors and tools

With the Conext system, the LED specialist Lumitronix from Baden-Württemberg has succeeded in connecting LED modules with no additional aids. The patented development ensures that the merging of LED modules runs smoothly and quickly. "The puzzle-like connecting elements allow both mechanical connection and electrical contacting without any further tools. No soldering, no cables, no plugs! The Conext modules also lie flat and do not require any superstructures," says Christian Hoffmann, CEO of the Hechingen-based company. The modules are joined together without connectors because both the noses of the male modules and the notches of the female modules possess electrical contacts that reliably conduct the current. The different module shapes in a puzzle look also enable the creation of individual light fields in many shapes. The Conext connection and contacting system from Lumitronix is currently used in three product families.

#### **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 a broad range of application knowledge from numerous fields. The Swabian company based in Hechingen has ISO 9001 certification and is also the official distributor of market-leading manufacturers of LED technology. Lumitronix is not only engaged in the distribution of LED products, but also develops and manufactures in-house according to customer-specific requirements. Quality Made in Germany.

#### **Press contact:**

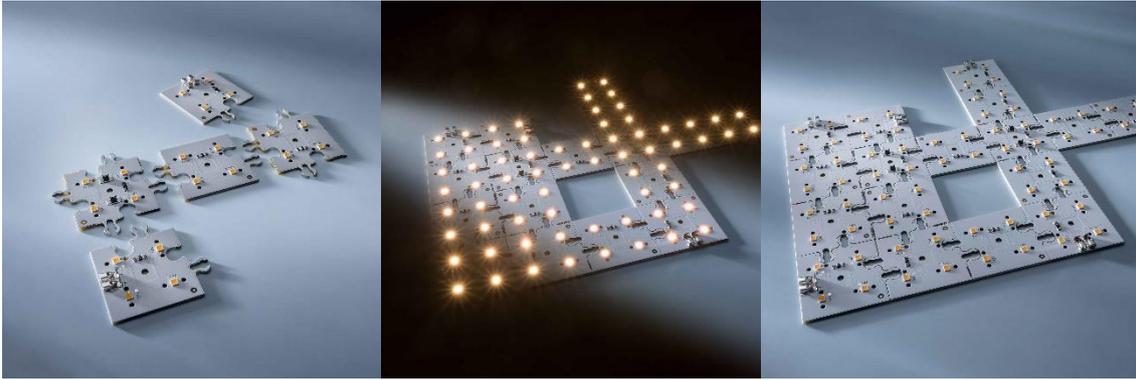
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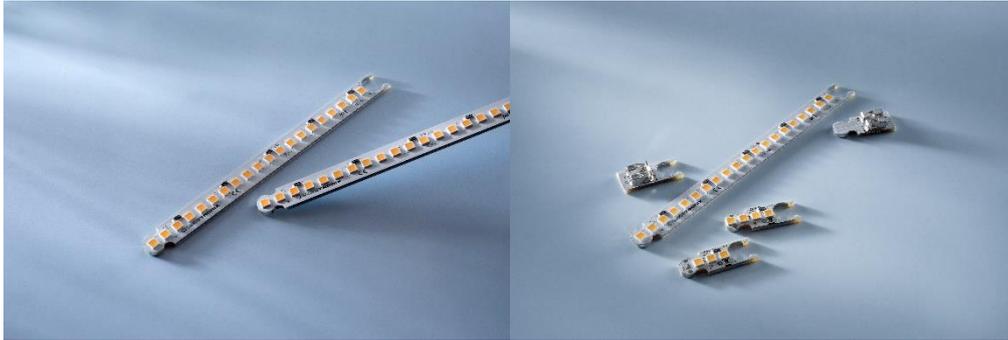
### **ConextMatrix – For free shapes and large areas**

With the ConextMatrix LED modules, which exist in 5 different forms (edge modules, corner modules, center modules, linear modules and power supply modules), it is possible to realize large illuminated fields. Up to 270 ConextMatrix modules can be supplied simultaneously via one power connection at the power supply module. Each module is equipped with 4 powerful Nichia LEDs with a CRI value of over 90.



### **ConextPlay - Experimenting with form and colour**

The ConextPlay modules, available in 3 versions (connection module, male-module and female-module) with one Nichia LED of the 757 series in four different colours (red, green, blue and white), follow a more playful approach. One power supply via USB is sufficient to operate up to 150 modules simultaneously. Application areas for the ConextPlay LED modules are e.g. backlighting, model making or the above mentioned playful learning and experimentation.



### **ConextBar – LED strips variable in length**

Continuously illuminated LED strips without shadows in variable lengths - this is possible with the ConextBar modules. The modular ConextBar20 (equipped with 20 warm white LEDs of the Nichia 757 series and a length of 10.4cm), ConextBar4 (equipped with 4 warm white Nichia LEDs and a length of 2.07cm) and two different power supply modules (male and female) provide flexibility in length. Up to 50 ConextBar20 modules or 250 ConextBar4 modules can be powered by a single supply module.