

## Press release

### Z-Flex 280x280 - Large area LED modules with Zhaga compatibility on flexible base material reduce installation effort

One of the new products from the LED technology company Lumitronix is called Z-Flex 280x280. The flexible LED modules with Zhaga-compatible dimensions of 280 x 280 mm are suitable for large-scale applications such as the installation in grid ceiling luminaires or as backlighting for fabric-covered luminous ceilings.

#### **Considerable advantages in terms of processing and cost management**

According to CEO, Christian Hoffmann, the flexible Z-Flex modules have several advantages over rigid matrix modules, which are standard in square coffered ceiling luminaires: " Since production at Lumitronix takes place in the reel-to-reel process on the new Flex production line, the self-adhesive modules can be installed over an operating length of up to 5.6 metres with one feed. This makes time-consuming activities such as screwing and wiring a thing of the past. Thanks to the low voltage of 24 V, the Z-Flex 280x280 LED strips are also safe to touch and there is no risk of voltage flashovers if the Flex modules are separated."

Storage costs and also transport are considerably minimized by the roll form. This also proves to be helpful in terms of saving time when assembling the modules, because conventional matrix LED modules are individually packed in ESD foil as standard, which results in additional work during installation.

The flexible matrix modules Z-Flex 280x280 from Lumitronix are equipped with 49 LEDs per sheet and are available in colour temperatures of 2700 K, 3000 K, 4000 K and 6500 K. Individual assemblies and a wide range of LED types are available on request.

#### **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 broad 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. Two ultra-modern production lines with the latest machine technology allow the assembly of both rigid and flexible PCBs. A special feature of the flex production is the reel-to-reel processing, with which almost endless lengths can be realized. The production site in Hechingen furthermore provides the benefit of being able to respond quickly and reliably to individual customer wishes and requirements. Quality Made in Germany.

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