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**Laser-Activated 3D Lighting at Strategies in Light Show**

Tualatin, Ore., January 2014 — LPKF Laser & Electronics has announced it will exhibit at the 2014 Strategies in Light Exposition, which takes place February 25-27 at the Santa Clara Convention Center in Santa Clara, Calif. From booth 922 LPKF will highlight its solutions for the LED lighting industry, which includes its patented laser direct structuring technology.

Laser direct structuring (LDS) is a three-step method of creating 3D interconnect devices. An LDS laser system structures the wiring pattern onto an LDS-grade surface, typically a one-shot molded thermoplastic part. Circuit traces are then metallized in an electroless process.

LDS lighting applications include LED and OLED lamps, solid state lighting, medical devices, and more. One advantage LDS provides designers is the ability to structure 3D lighting patterns that achieve non-directional lighting, as seen in the attached image.

For more information on laser direct structuring, visit LPKF in booth 922 at Strategies in Light 2014 or visit [www.lpkfusa.com/mid/](http://www.lpkfusa.com/mid/).



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### **About LPKF**

Established in 1976, LPKF Laser & Electronics manufactures milling machines and laser systems used in circuit board and microelectronics fabrication, medical technology, the automotive sector, and the production of solar cells. LPKF's worldwide headquarters is located in Hannover, Germany and its North American headquarters resides near Portland, Ore.