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FOR IMMEDIATE RELEASE

Luminus' LEDs Displace Lasers in Machine Vision Application

Smart Vision Lights Sets New Performance Standard with New SP30 Series Illumination Products for Machine Vision Industry

Billerica, MA (July 12, 2012) — [Luminus Devices, Inc.](#), announced today that its Big Chip LED technology has been selected by Smart Vision Lights for their new product line of illumination sources. Luminus' SST-90 LED is at the heart of Smart Vision Lights' SP30 Series LED structured light pattern projector for the machine vision industry.

When compared to laser based pattern projectors, Luminus' LEDs enable higher resolution lines with sharper edges and more uniform illumination – and without laser speckle artifacts.

“Luminus has an established track record of displacing traditional high power illumination sources with its Big Chip LED technology,” said Chuck DeMilo, Global Director of Product Marketing at Luminus. “In general lighting and entertainment lighting we are enabling the conversion from metal halide to LED. In projection display we are displacing UHP mercury sources. Now in machine vision we are seeing success in converting lasers based systems to LED.”

Matt Pinter, Design Engineer from Smart Vision Lights adds, “We selected the Luminus SST-90 for the large die footprint and high lumen output. The SST-90 gives us better uniformity across the pattern and provides much higher output than typical 1mm² LEDs. The new SP30 Series structured light LED source is selling really well. We are competing against and taking business from lasers.”

Luminus' SST-90 Big Chip LED can be purchased through Avnet in North America, EBV in Europe, and Mouser globally. Product specifications and ordering information for the SST-90 can be found at <http://www.luminus.com/products>.

About Luminus Devices

Luminus Devices is a leading developer and manufacturer of LED technologies and solutions for the multi-billion dollar global illumination market. Luminus' high efficacy and high brightness LEDs are used by many of the world's biggest companies for general lighting, projection display, entertainment, ultraviolet curing, medical, portable, transportation and digital signage lighting applications. Luminus has more than 144 patents/patents pending worldwide, and its revolutionary Big Chip LED™ technology enables new markets for solid-state lighting. Headquarters and wafer fab manufacturing facilities are located near Boston, Massachusetts, U.S.A. For more information, visit www.luminus.com