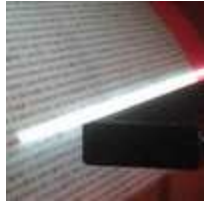


FOR IMMEDIATE RELEASE:

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## **LED Line Source Illuminators Reach a New Pinnacle in Brightness for Ultrafast Line Scan Applications in Machine Vision**

**Woburn, MA, May 7, 2012**—Innovations in Optics, Inc. introduces the Aurora LED Line Source Illuminators that offer unprecedented brightness. The versatile and powerful solid-state light sources are ideal for machine vision, especially high speed line scan systems. High brightness, uniform illumination enables ultrafast image acquisition to boost process rates and enhance image resolution in machine vision.

Featuring substantial cost and operational advantages, LEDs are currently preferred for virtually all machine vision applications. Aurora Line Sources use non-imaging optics and high brightness LED arrays. In recognition of its most advanced design, Innovations in Optics, Inc. was recently issued U.S. Patent 8,152,347. Using passive cooling only, the white LED Aurora Line Source produces 2,500,00 lux illuminance which outshines many commercial LED line source products that require water-cooling. With air-cooling, white LED Aurora Line Sources will produce brightness greater than 7,500,000 lux, a value eight times brighter than air-cooled systems from other suppliers.

Aurora Line Sources are available using white LEDs and can also be supplied using narrow band LEDs in center wavelengths ranging from the UV through the NIR, and in different models that vary in length from 4 to 24 inches. The Line Source is configurable to emit either a focused or collimated light beam in support of user preferred working distances. Aurora LED Line Source Illuminators offer intense and stable optical power, short warm-up time, energy efficiency, low maintenance and long rated life. They support both continuous output and pulsed operation. Illuminator accessories available from Innovations in Optics, Inc. include thermal management devices, wire harnesses, and driver/controllers.

Innovations in Optics, Inc. (IOI), founded in 1993 and located near Boston, is widely recognized as a leading innovator in the areas of high brightness LED chip-on-board

(COB) products and illumination engineering and technology. Leveraging a unique, multidisciplinary approach to systems design, the company pushes the technology envelope to develop industry-leading ultra-high brightness LED products. IOI light engines and illumination systems feature patented and patent-pending optics which collect, direct and maximize output efficiency and uniformity, enabling some of today's most revolutionary solutions in cutting-edge technical applications for LED light sources.