Bookham to Enter Biomedical Illumination Market

Proven filter technology to underpin compact LED multiplexing module

Santa Rosa, CA – January 14, 2008 – Bookham, Inc. (Nasdaq: BKHM), a leading provider of optical components for industrial applications, is to enter the biomedical market with its ZoroLight™ LED multiplexing technology. The compact LED combining module, which utilizes proprietary Bookham filter technology, is designed for bio-analytical applications and medical instrumentation. The ZoroLight LED module will be on show at the Bookham booth (#8636) at the BiOS exhibition, taking place 19-20 January at the San Jose Convention Center.

The device offers significant brightness, efficiency and size advantages over the traditional approach to LED combining methods. Rather than using lenses to capture light in free space, the ZoroLight LED module traps light in a tunnel of highly-reflective dielectric coated surfaces that are geometry optimized for efficient source light collection and filter performance. Patent applications have been filed on the innovative design.

"The ZoroLight LED module offers manufacturers of healthcare, pharmaceutical and diagnostics technologies a compact and cost-efficient LED illumination solution based on proven Bookham filter technology that is well-established for precision optical filter OEM applications in the instrumentation and telecommunications industries," said Santa Rosa-based Product Line Manager, Ben Standish. "To meet the diverse and specific needs of these manufacturers, the ZoroLight LED module is customizable for OEM applications, accommodating multiple wavelengths and meeting different intensity and size requirements.

"The use of LEDs is attractive in fluorescence applications due to their 10x-20x longer lifetime compared to bulbs and their cost savings over lasers. At Bookham, we believe we are the only company able to offer a compact device that combines a filter and LED light source solution bright enough for OEM analytical applications. Using this approach, the ZoroLight LED module multiplexes up to six wavelengths in the visible range, or red, green & blue for white light, in less space than any other approach of comparable efficiency," concluded Standish.

In addition to showcasing its technology at the BiOS and Photonics West exhibitions, Bookham will be presenting three technical papers at associated symposium LASE 2008: '*Recent developments for BAR and BASE: setting the trends*', '*Emission wavelength stabilization in broad area lasers coupled to fiber Bragg gratings'* and *'Performance and reliability of pulsed 1060 nm laser modules'*.

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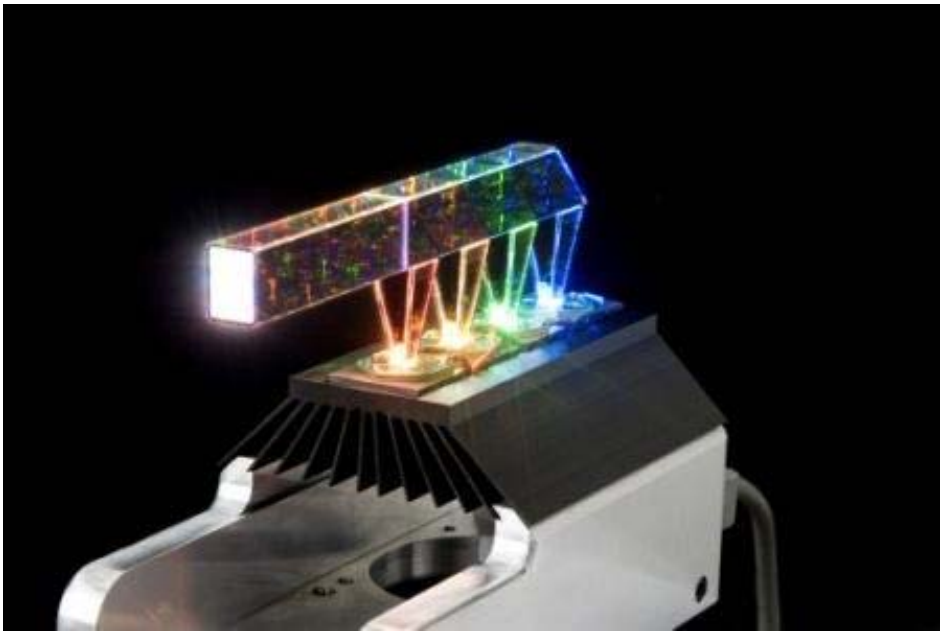

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Notes to editors:

1. Photonics West is taking place at the San Jose Convention Center, San Jose, California, 19-24 January, 2008. For further information, visit http://spie.org/photonics-west.xml
2. Bookham will be exhibiting at the Photonics West exhibition, 22-24 January, at stand #1207
3. Bookham will be exhibiting at the BiOS exhibition, 19-20 January, at stand #8636
4. To arrange an interview with representatives of Bookham before or during the show, please contact Howard Jones on howard@bcspr.co.uk or +44 7980 772 285

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About Bookham

Bookham is a leading manufacturer and independent, vertically integrated supplier of high performance, high reliability industrial laser diodes across many markets, including industrial, medical, display, analytical, printing, aerospace and defense.

The company boasts two decades of experience as a leader in laser diode development, continued investment in technology and customer support, and offers scalability for cost efficient, high volume production through the use of advanced automated manufacturing processes in its state of the art facility in Zurich.

Bookham was the first company to offer 120W 9xxnm diode bars and is a leader in the market for single emitter pigtailed laser modules for fiber laser pumping. The company's diversified high power laser diode offering ranges from 10W pigtailed multimode modules to 120W bars and 2.4kW fast axis collimated stacks.

More information on Bookham, Inc. is available at www.bookham.com