

## **Intematix Announces Another Key Win for Solid State Lighting LED Phosphor Technology with License to Korea's LumiMicro**

April 14, 2005 – Moraga, California, USA -- Material discovery and phosphor experts, Intematix Corporation of Moraga, California, today announced another key win for its white LED phosphor technologies with the completion of a multi-faceted license-based agreement related to white LED technology with LumiMicro of Suwon Gyunggi-do, Korea. LumiMicro, a recognized international leader in LED innovation for power LED applications including LCD backlighting, camera flashes, and emerging architectural solutions, will use the Intematix patent-backed phosphor in its core and emerging businesses.

According to Intematix Chief Executive Officer, Ruediger Stroh, "Our two companies recognize the importance of the high power applications, especially in the context of the rapidly growing and commoditizing backlight and camera flash segments. We are committed to the high power markets for the long-term, and are willing to invest in those emerging applications while serving today's volume needs. LumiMicro is an innovator whose products perform at the very highest levels of that competitive landscape, and we are honored by LumiMicro's validation of our patent-backed phosphors in the context of these key market segments."

The first members of the Intematix phosphor family, the White Lightning Y450™ and Y460™ were announced last month and are available for high volume use, providing fully patent-protected, non-infringing phosphor options to designers and manufacturers of white LED solutions.

"LumiMicro is competing with the very best in the world in the power LED markets and applications. We have focused on serving a demanding global customer base where performance and durability are critical. We have integrated our unique packaging technologies with optimized phosphor from Intematix, and will continue to rely on Intematix to reliably tune their phosphor as our innovations continue." Said Mr. Sung-Bin Cho Chief Executive Officer of LumiMicro.

This Agreement punctuates a 14 month development effort at Intematix resulting in an entire family of patent-backed phosphors, developed in record time and with industry-leading performance. This remarkable feat was accomplished with the help of their proprietary ultra-rapid Bulk, Thin Film and Nano Discovery Engines.

"To serve the power LED market, a phosphor innovator and supplier must do more than supply a lot more phosphor per LED. Success hinges on the ability to change key characteristics of the phosphor within a very short period, and that capability is proving to be of great value to our customers. Intematix' Discovery Engines are enabling this capability and are rapidly proving themselves in this critical application space," emphasizes CEO Stroh.

Intematix' Discovery Engines allow the development of unique material compositions that can then be rapidly customized for unique thermal conditions, manufacturing processes and Bills of Materials, including a choice of chips at various wavelengths and support for a variety of resins.

Concluded Stroh, "The power LED market segment is very important to all serious participants in the solid state lighting market. The availability of Intematix phosphors and their acceptance by leaders such as LumiMicro will begin a market transformation leading to truly cost-effective, high performance power LED production. The combination of our patent-backed phosphor compositions and the impressive technologies at LumiMicro will make for a successful relationship on the road to transforming the industry."

#### About Intematix

Intematix specializes in next generation nano, bulk & thin film materials. Leveraging its ultra rapid material development and proprietary tools and processes, the company discovers materials in a fraction of the time typical for conventional methods. Intematix is currently announcing production availability of key patent-backed phosphors for the solid state lighting and imaging markets, from its Moraga, California, USA facility. For more information, visit <http://www.intematix.com>.

#### About LumiMicro Co., Ltd.

Based in Suwon Gyunggi-do Korea, LumiMicro is Korea's leading provider of high-brightness white LEDs for LCD backlighting and camera phone flashes. By employing highly advanced proprietary packaging technology, the company is internationally competitive in terms of both technology and pricing in the highly competitive white lighting arena. For more information, visit <http://www.LumiMicro.com>