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# Nanosys announces 2000kg quantum dot production milestone for high performance consumer displays



**Sufficient material shipped to bring perfect color with high energy efficiency to millions of devices**

Seoul, Korea, October 1, 2013 – Nanosys, enabling a new generation of perfect-color fidelity, energy-efficient displays with its quantum-dot technology, today announced that it has passed a major production milestone at its recently opened 60,000 square foot manufacturing facility in Milpitas, CA. The shipment of more than 2000kg of Nanosys Quantum Dot Concentrate™, used to make Quantum Dot Enhancement Film (QDEF™), represents a significant step forward in the adoption of quantum dot technology for displays.

Nanosys is demonstrating a 55-inch 4K TV utilizing QDEF technology at the IHS E&M Quantum Dot Seminar in Seoul, Korea this week. A drop-in optical component for LCDs, QDEF creates a richer, more lifelike color experience while consuming significantly less power. Based on a new generation of quantum dots from Nanosys, the 55-inch set on display in Korea achieves about 40% higher color gamut than commercially available white-LED based 4k televisions while reducing power consumption by more than 35%.

“QDEF is enabling LCD makers to really challenge the newest OLED technology,” said Jason Hartlove, President and CEO of Nanosys. “We are working with display makers to create a new, perfect color display experience that is more cost effective, efficient and reliable than anything else currently on the market. This is fundamentally changing the economics of high performance displays back in favor of LCD technology, and demand for QDEF has grown to the point that we’ve significantly expanded our manufacturing to keep up.”

Nanosys is working closely with supply chain partners to continue ramping deliveries as demand for QDEF from global display manufacturers increases.

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#### About Nanosys, Inc.

Nanosys, Inc. is an advanced material architect, harnessing the fundamental properties of inorganic materials into process ready systems that can integrate into existing manufacturing to produce vastly superior products in lighting, electronic displays and energy storage. For more information, visit [www.nanosysinc.com](http://www.nanosysinc.com).

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