

PerkinElmer launches new LED fiber optic illuminator module for endoscopy, surgical microscopy and headlamp applications

I-Micronews

PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced the debut of its new LED Fiber Optic Illuminator Module. The new LED Module is designed for ease of integration by medical OEMs in endoscopy, surgical microscopy and headlamp applications.

The LED Module (OTFI-0250) offers many advantages for the surgical environment including bright, highly uniform illumination, allowing surgeons to see images more clearly in the operating room, leading potentially to better, earlier detection and diagnoses. The LED Module produces virtually no ultraviolet or infrared emissions. Its superior thermal management enables both high intensity light output and long life.

"Our new LED Fiber Optic Illuminator Module offers medical OEMs the latest advances in solid state lighting technology, helping speed integration, reducing time-to-market, and lowering costs of ownership," according to **Joel Falcone**, vice president and general manager, Global Illumination, PerkinElmer. *"We are pleased that our LED Module is both an environmentally-friendly product as well as one that delivers bright, uniform light for aiding surgical procedures and diagnoses."*

The new Illuminator Module is based on LED technology with a usable life that is up to 50 times longer than conventional high-intensity-discharge (HID) lamps. In addition to patent-pending LED technology, the LED Illuminator Module incorporates precision optics, an integrated state-of-the-art thermal management system, and electromagnetic interference (EMI) shielding. It has both metric and imperial mechanical mounting fasteners and special flange-mounted optical alignment features for easier integration with the OEM's own fiber coupling. It is also RoHS-compliant.

For more information about PerkinElmer's custom and standard LED Solutions capabilities, please go to www.perkinelmer.com/LEDSolutions [1].

On August 31, 2010, PerkinElmer, Inc. entered into an agreement to sell the Company's Illumination and Detection Solutions (IDS) business to Veritas Capital Fund III, L.P., a New York-based private equity firm. The transaction is expected to close by the end of 2010 and is subject to customary closing conditions.

About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately \$1.8 billion in 2009, has around 8,800 employees serving customers in more than 150

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countries, and is a component of the S&P 500 Index. Additional information is available through www.perkinelmer.com [2] or 1-877-PKI-NYSE.

The PerkinElmer team would be delighted to meet with you during MEDICA 2010 in Duesseldorf, Germany, from Nov. 17th - 20th 2010, in Hall 13, Booth F60. Please do not hesitate to contact me if you'd like to schedule a meeting with Joel Falcone, General Manager and Vice President of PerkinElmer's global Illumination business.

[SOURCE](#) [3]

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<http://www.mdtmag.com/news/2010/11/perkinelmer-launches-new-led-fiber-optic-illuminator-module-endoscopy-surgical-microscopy-and-headlamp-applications>

Links:

[1] <http://www.perkinelmer.com/LEDSolutions>

[2] <http://www.perkinelmer.com>

[3] <http://www.i-micronews.com/lectureArticle.asp?id=5820>