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# LightPath New Product Announcement: Molded MWIR/LWIR Aspheric Lens

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## ***LightPath Technologies introduces Molded Aspheric Collimating Lens for MWIR and LWIR laser diodes.***

(January 17, 2007) Orlando, FL. LightPath Technologies, Inc. (Nasdaq: [LPTH - News](#)),

LightPath Technologies is introducing a new aspheric molded lens for collimating light from MWIR and LWIR lasers, such as quantum cascade lasers (QCL).

This lens is manufactured from LightPath's Black Diamond™ IR Glass and has a high numerical aperture designed for maximum light collection from quantum cascade lasers. The aspheric design enables a single lens to replace complex multiple component optical system. Anti-Reflective coatings are available for the MWIR (3 μm – 5 μm) and the LWIR (7 μm – 12 μm).

Quantum Cascade Lasers are used for a variety of applications including homeland security, biomedical analysis, and chemical detection. The National Science Foundation (NSF) has recently invested \$15 Million for QCL development at the new MIRTHE center based in Princeton, NJ.

LightPath Technologies Inc. will be exhibiting the MWIR/LWIR Collimating Lenses in Booth 1034 at SPIE Photonics West Conference in San Jose, California, January 23<sup>rd</sup> through January 25<sup>th</sup>.

LightPath manufactures optical products including precision molded aspheric optics, precision molded infrared optics, GRADIUM® glass products, proprietary collimator assemblies, isolators utilizing proprietary automation technology, higher-level assemblies and packing solutions. LightPath has a strong patent portfolio that has been granted or licensed to us in these fields. LightPath common stock trades on the Nasdaq SmallCap Market under the symbol "LPTH." Investors are encouraged to go to LightPath's website for additional financial information.

Contacts:	USA:	Edward Patton, Vice President Marketing LightPath Technologies, Inc. Phone: (407) 382-4003 Email: <a href="mailto:epatton@lightpath.com">epatton@lightpath.com</a> Internet: <a href="http://www.lightpath.com">www.lightpath.com</a>
	Europe:	Pascal Voluer, European Sales Director LightPath Technologies (Europe) Phone: +33 2 96 47 28 14 Email: <a href="mailto:pvoluer@lightpath.com">pvoluer@lightpath.com</a>
	China:	Allen Zhang, China Sales Manager LightPath Optical Instrumentation (Shanghai) Co., Ltd. Phone: +86 (0)21 6916 6099 x108 Email: <a href="mailto:gzhang@lightpath.com.cn">gzhang@lightpath.com.cn</a>

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