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ProPhotonix Limited
("ProPhotonix" or "the Company")

New Laser Product Line Launched Addressing Expanding Market of Machine Vision Customers

3D PRO Laser™ and 3D PRO Laser Mini™ Structured Light Lasers designed for OEMs, End-Users and Systems Integrators

ProPhotonix Limited, (London Stock Exchange - AIM: PPIX and PPIR; OTC: STKR.PK), a designer and manufacturer of LED illumination systems, laser diode modules and a laser diode distributor, is pleased to announce it will launch the 3D PRO Laser and 3D PRO Laser Mini product line at the Vision Show in Stuttgart, Germany on November 6, 2012.

ProPhotonix has developed a complete family of laser modules to address the increasing market demand for drop-in laser replacements to existing and new machine vision applications, solidifying the Company's position as a world-leader in lasers and LED systems for the Machine Vision market.

The 3D PRO Laser™ and 3D PRO Laser Mini™ have been designed using a standard cylindrical form factor for seamless integration into existing systems. Both models are available in a wide range of power and optical configurations in two standard industry footprints.

The 3D PRO Laser™ is 19mm in diameter, compatible with the majority of existing Machine Vision systems, enabling trouble-free replacement of existing structured light lasers. The 3D PRO Laser Mini™, 10mm in diameter, is specifically designed for applications where space within equipment is at a premium. Both laser types are available with a customer-specified fixed focus, in addition, the 3D Pro (19mm model) has the option for an externally adjustable focus if more flexibility is required.

3D PRO lasers offer excellent uniformity with line widths down to 15µm which is ideal for inspection applications that demand a high degree of accuracy. They are available with output powers up to 150 mW and fan angles between 10° and 90°. Wavelengths range from 405nm to 850nm and include 635 nm and 660 nm. Electronic options consist of TTL modulation up to 1MHz and Analogue power control for intensity adjustment. The 3D PRO range is available in a wide variety of line and diffractive optic options for the projection of complex patterns.

Commenting on the launch of this new product line, Mark W. Blodgett, Chairman and CEO of ProPhotonix, said;

"This new product line is the culmination of market analysis, customer research & product development by our Irish R&D team, and we expect the 3D PRO Laser to be an important driver of company growth in 2013.

"Throughout the last two years the Company has built a reputation as a world leader in supplying innovative laser and LED products and solutions to the industrial, namely machine vision, medical, defence and homeland security markets. We expect this new

laser platform, which was specifically designed for the expanding machine vision market, to become one of the Company's premier product categories in the years to come."

The Company will demonstrate 3D PRO Laser™ and 3D PRO Laser Mini™ at the Vision Show in Stuttgart, Germany from 6-8 November 2012, stand 1B32.

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About ProPhotonix

ProPhotonix Limited, headquartered in Salem, New Hampshire, is an independent designer and manufacturer of diode-based laser modules and LED systems for industry leading OEMs and medical equipment companies. In addition, the Company distributes premium diodes for Oclaro/Opnext, QSI, Ondax, Sanyo and Sony. The Company serves a wide range of markets including the machine vision, industrial inspection, defense, sensors, and medical markets. ProPhotonix has offices and subsidiaries in the U.S., U.K. and Ireland. For more information about ProPhotonix and its innovative products, visit the Company's web site at www.prophotonix.com.