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ProPhotonix Limited

("ProPhotonix" or "the
Company")

ProPhotonix Further Extends Laser Diode Range with New Releases from QSI

High-quality, cost-effective laser diodes available at a wide range of wavelengths & output powers.

ProPhotonix Limited (London Stock Exchange - AIM: PPIX, OTC: STKR), a high technology designer and manufacturer of LED illumination systems and laser diode modules, with operations in Ireland and the United Kingdom, is pleased to announce an extension to its range of cost-effective red and IR laser diodes, with the release of three new low power diodes suitable for a wide range of applications.

The new 635nm, 10mW laser diode, QL63F7SA/B/C, is ideally suited for integration into sensor and laser modules applications. The intensity level provides an eye safe laser diode and it has a compact 5.6mm design with a built-in photo diode to continually monitor performance.

QSI has also launched a second red laser diode ideally suited to applications such as eye scanners, sensors, and laser modules. The QL65D7SA/B/C-PS is a 5mW laser diode at 650nm. This is a compact, eye safe, laser diode and also features a built-in photo diode. A further release is the QL78F8S A/B/C 780nm laser diode with an output power of 10mW an excellent solution for industrial optical module and sensor applications.

To ease integration for specific application requirements, each of the new laser diodes is available in three different pin configurations, providing nine new laser diode options.

QSI has been developing and manufacturing laser diodes for almost two decades and is the leading laser diode manufacturer in South Korea. With an excellent reputation for reliability, QSI solutions offer high-quality products at a competitive price. QSI laser diodes are available at wavelengths from 635nm to 905nm with output powers from 1mW (CW) to 75W (pulsed operation) in the IR range and 5mW to 85mW for the red laser diodes.

Jeremy Lane, Managing Director of ProPhotonix Limited UK commented: "These new products from QSI, allows ProPhotonix to offer an even wider selection of laser diodes to suit varied application needs. With its excellent reputation for product quality and reliability, QSI products offer an ideal solution for many established applications such as laser pointer, laser module, industrial optical module, laser beam printer, barcode scanning, power tools and optical pick-ups as well as newer applications including medical equipment, automotive, defense and 3D gesture recognition and display."

For further information on these new QSI laser diodes QL65D7SA/B/C- PS, QL63F7SA/B/C, and QL65D7SA/B/C-PS laser diodes contact sales@prophotonix.com or visit our website to download a datasheet: <https://www.prophotonix.com/led-and-laser-products/laser-diodes/laser-diodes-manufacturer/ushio-laser-diodes/>

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About ProPhotonix

ProPhotonix Limited, headquartered in Salem, New Hampshire, is a high technology designer and manufacturer of LED illumination systems and laser diode modules for industry leading OEMs and medical equipment companies. In addition, the Company distributes premium diodes for Ushio, Osram, QSI, Panasonic, and Sony. The Company serves a wide range of markets including the machine vision, industrial inspection, security, and medical markets. ProPhotonix has offices and subsidiaries in the U.S., Ireland, U.K., and Europe. For more information about ProPhotonix and its innovative products, visit the Company's website at www.prophotonix.com