



15 January 2015

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

**ProPhotonix appointed franchised distributor for Panasonic laser diodes in the EMEA Region**

*New laser diodes offer reduced size and weight for multiple applications in industrial and medical markets*

ProPhotonix Limited, (London Stock Exchange - AIM: PPIX and PPIR; OTC: STKR), a designer and manufacturer of LED illumination systems, laser diode modules and a distributor of premium vendors' laser diodes, is pleased to announce its appointment as a franchised distributor of Panasonic's new range of red, infrared and dual wavelength laser diodes in the European, Middle East, and African (EMEA) region.

Panasonic's laser diodes have been designed to reduce size and weight while exhibiting stable power output at high temperatures. These diodes offer high efficiency with exceptional reliability.

The red (661nm) and infrared (783nm) single-mode, 5.6mm can packaged laser diodes are available with output powers of 100mW and 200mW respectively. These diodes have applications in inspection, identification and alignment applications amongst others.

The 661nm and 783nm wavelengths are available in several dual wavelength packages utilizing Panasonic's proprietary manufacturing technology. Both laser diodes are packaged on a single chip and maintain their respective optical characteristics. They are available in three package types: 5.6mm can, frame package or small frame package. The frame packages are specifically designed to reduce size and weight and operate at up to 85°C. Dual wavelength packages have applications in sensing, industrial and biomedical equipment.

Samples are available for order from ProPhotonix in Q1 2015.

Commenting on the launch of these new laser diodes, Jeremy Lane, Managing Director of ProPhotonix Limited, Laser Business Unit said "ProPhotonix' aim is to offer the latest in laser diode technology to our customers and these innovative additions to the Panasonic product line strengthen our portfolio of high quality laser diodes. Where a laser module solution is required, these laser diodes can be integrated into the wide range of ProPhotonix modules as well as custom OEM solutions."

"Panasonic is excited to be partnering with ProPhotonix in the promotion of these new red and infrared laser diodes" said Keith Burlison, Head of Lighting Solutions, Semiconductor Product Marketing Department with Panasonic Automotive & Industrial Systems Europe GmbH. "The long-standing relationship between our companies together with the market presence and technical expertise of ProPhotonix will enable us to find many new opportunities in a broad range of applications."

For more information about ProPhotonix' laser diodes, visit [www.prophotonix.com](http://www.prophotonix.com).

**Enquiries:**

ProPhotonix Limited

[sales@prophotonix.com](mailto:sales@prophotonix.com)

Jeremy Lane, Managing Director

Tel: +1 603 870 8209 / +44 1279 717 174

## **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 Panasonic, Ushio (formerly Oclaro), Osram, QSI, 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 web site at [www.prophotonix.com](http://www.prophotonix.com).

## **About PAISEU**

Panasonic Automotive and Industrial Systems Europe (PAISEU) is a company that provides unparalleled expertise to leading car manufacturers, industrial customers and OEMs. It researches, develops, manufactures and supplies key electronic components, devices and modules up to complete solutions across a broad range of industries; and provides production equipment which builds the manufacturing lines of global corporations.

Globally, Panasonic's Automotive and Industrial Systems Company is responsible for over one third of Panasonic's overall revenue. For further product information, please visit: <http://eu.industrial.panasonic.com/>