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NEWS RELEASE

Redfern Integrated Optics Introduces 1064nm Narrow Linewidth Low Noise PLANEX™ Laser

Santa Clara, Calif. – January 29, 2013 – Redfern Integrated Optics (RIO), a global leader in single frequency narrow linewidth lasers and laser systems, today announced the successful development and introduction of its low noise narrow linewidth planar external cavity laser operating at 1064nm. The new product extends to 1064nm the high performance, high reliability, and cost effective technology and design proven on RIO's industry-leading 1550nm PLANEX™ series.

The new 1064nm PLANEX™ laser is packaged in the same 14-pin butterfly package as its 1550nm counterpart and is also available in the ORION™ module equipped with its ultra-low noise current source, TEC driver and controller with standard communications interface and GUI. It provides up to 20mW output power, narrow linewidth (≤ 15 kHz) and low phase/frequency noise.

The extension of the PLANEX™ product line to 1064 nm was developed in response to market demand for applications in seeding of high-power fiber and solid-state lasers, second-harmonic generation, optical parametric oscillator, laser spectroscopy and other industrial applications, as well as for coherent Doppler LIDAR and interferometric metrology in aerospace applications.

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The RIO 1064nm PLANEX™ and ORION™ samples are available now. General availability is planned for April 2013.

About RIO Inc.
Redfern Integrated Optics, Inc. (RIO) is the leading global supplier of single frequency narrow linewidth lasers, modules, and subsystems to the clean energy, security, oil and gas, and test and measurement markets. RIO's lasers have ultra-low noise, unparalleled wavelength stability, small size, low power dissipation, Telecom grade lifetime reliability, at affordable prices. For more information, please visit www.rio-inc.com, email sales@rio-inc.com, or call 408-970-3500 ext.310.