FOR IMMEDIATE RELEASE

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Ophir Photonics Introduces Light Measurement System for Narrowband LED and Laser Sources

EDITORS: High resolution images are available for download at http://www.telesian.com/marketing/vpr/os/os031015-01.cfm

March 10, 2015 – North Logan, UT – Ophir Photonics Group, the global leader in precision laser measurement equipment and a Newport Corporation company, today announced the PD300RM Irradiance and Energy Density Sensor. The PD300RM is a calibrated irradiance and dosage sensor that measures narrowband LED and laser sources between 200 and 850nm. The sensor automatically adjusts to provide correct power and energy measurements based on the specific wavelength designated by the user. This delivers a more accurate reading than traditional radiometers. The PD300RM also incorporates a cosine corrected quartz glass diffuser, suitable for UV radiation.

“LEDs and lasers are rapidly replacing wideband light sources, such as mercury or xenon lamps, in a variety of applications,” stated Dr. Efi Rotem, Project Manager, Ophir Photonics. “But traditional radiometers are designed for wideband sources. Because their spectral response is not flat, they are not suitable for...
measuring narrowband sources. The PD300RM is designed for LED and laser sources. It allows the user to enter the specific wavelength, and then the sensor automatically adjusts to provide the correct measurement at that wavelength.”

The PD300RM is available in two models:

- **PD300RM-UV** for irradiance levels 15nW/cm² – 300mW/cm²
- **PD300RM-8W** for irradiance levels 0.2µW/cm² – 8W/cm²

**Availability**
The PD300RM Power and Energy Density Sensors are available now. OEM pricing is available on request.

PD300RM data sheet: [http://ow.ly/K6Qeh](http://ow.ly/K6Qeh)

**About Ophir Photonics**
With over 35 years of experience, Ophir Photonics, a Newport Corporation company, provides a complete line of instrumentation including power and energy meters, beam profilers, spectrum analyzers, and goniometric radiometers. Dedicated to continuous innovation in laser measurement, the company holds a number of patents, including the R&D 100 award-winning **BeamTrack** power/position/size meters; **BeamWatch®,** the industry’s first non-contact, focus spot size and position monitor for lasers in material processing; and Spiricon’s **Ultracal™,** the baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. The Photon family of products includes **NanoScan** scanning-slit technology, which is capable of measuring beam size and position to sub-micron resolution. The company is **ISO/IEC 17025:2005** accredited for calibration of laser measurement instruments. Their modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit [http://www.ophiropt.com/photonics](http://www.ophiropt.com/photonics)

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