



## InternationalLight TECHNOLOGIES

### ILT Expands Integrating Sphere Product Line

Peabody, MA – February 22, 2012 – International Light Technologies (ILT), a leading designer, manufacturer and distributor of light measurement and detection systems, is pleased to announce the expansion of its [Integrating Sphere product offering](#) from 2 to 5 integrating spheres.

These versatile ILT integrating spheres are used in the measurement of a wide variety of light sources from small miniature sources such as miniature halogen lamps, LEDs, small neon lamps up to larger sources such as high power LED modules and many automotive lamps.

There are now five integrating sphere diameters available: 12", 10", 6", 4", and 2". All spheres have a spectral range of 225 to 1400 nm. The spheres are internally baffled to eliminate direct detector exposure and first-bounce measurements and come with a wide variety of port sizes and configurations. The 12" diameter sphere is hinged for added sample handling convenience. And of course, all ILT integrating spheres are made in the USA.



**INS50 2" Sphere and ILT950  
Spectroradiometer for Measuring LED's**

Typical applications for these spheres include measurement of LED intensity/beam flux, laser power, beam candela and mean spherical candle power.

Coupled with the ILT1700 Research Radiometer or ILT1400 Radiometer/ Photometer and the appropriate detector, these integrating spheres are capable of direct measurement in a wide variety of optical units including: candela, watts/steradian, watts, lumens, watts/cm<sup>2</sup>, lux, and joules.

When an integrating sphere is used with the ILT950 Spectroradiometer, the ILT950 becomes a powerful light source analysis tool capable of measuring spectral distribution, CCT, color coordinates and more.

For more information, please visit the ILT Web site at [www.intl-lighttech.com](http://www.intl-lighttech.com) or call 978-818-6180.

#### **About International Light Technologies (ILT):**

For over 40 years, ILT has provided direct and OEM customers in industrial, academic and research markets with light measurement and detection systems, and a broad range of off-the-shelf and customized specialty light sources. The ILT Systems Division manufactures light meters, radiometers, spectrometers and spectroradiometers as well as comprehensive lines of detectors, filters, input optics and accessories. The ILT Sources Division supplies light sources that include high power LEDs and modules, UV-Visible-IR lamps, specialized replacement lamps and power supplies. The LED Innovations Division designs and manufactures LED-based products including refrigerated/freezer display case lighting, gasoline pump canopy lighting, under cabinet and task lighting, and a complete line of LED modules for signage lighting. ILT is ISO 9001 certified and ISO/IEC 17025 accredited. For more information please visit [www.intl-lighttech.com](http://www.intl-lighttech.com) or call 978-818-6180.