UNH Class Visits Labsphere to Learn about Light Measurement and Integrating Spheres

NORTH SUTTON, New Hampshire -- Labsphere was happy to host the University of New Hampshire's (UNH) Illumination Engineering class on Wednesday, October 18, in their field trip to learn about light measurement and integrating sphere technology. Sixteen students joined Professor Ben Koyle, UNH adjunct professor and technical training specialist for OSRAM SYLVANIA, in working demonstrations at Labsphere's optical laboratories.

As part of the Illumination Engineering class, students are introduced to the world of light, from its pure science to its practical application. At Labsphere students learned about diffuse reflectance materials and coatings, integrating sphere theory and design and applications in light measurement.

This class is part of the Illumination Engineering minor open to UNH juniors and seniors in which students learn the science and art of lighting and how to apply it to real-world lighting evaluations and designs. With the LED industry quickly growing at 22% a year, this minor helps set up students up for successful entry into the growing photonics marketplace.

"We always enjoy hosting this class at Labsphere. The students ask great questions and are very interested to see the theory they've learned about at work in the lab," commented Dante D'Amato, Labsphere's Vice President of Engineering. "It's a pleasure to be able to teach something I'm passionate about to our future lighting engineers."

Labsphere has been in the photonics industry for over 25 years producing equipment to test and measure the latest lighting designs, from traditional light bulbs and LEDs to lighting designs, as well as materials engineered specifically for the diffuse reflectance of light such as for backlight panel reflectors. Innovation at Labsphere has lead to multiple patents including methods for testing LEDs on a wafer and UV transmittance. Labsphere continues to be involved with the industry's leading photonics organizations such as CORM, CIE, and ASTM as well as in the education of local and national optical engineers.

About Labsphere:

Labsphere, a subsidiary of X-Rite, Inc., is a global leader in innovative light measurement technology. Products include light measurement systems for LEDs, lasers, and traditional light sources; uniform light sources to calibrate imaging devices and camera systems in the visible and IR; spectroscopy accessories for spectrometer manufacturers; and high diffuse reflectance materials and coatings for a variety of applications, such as backlight panel displays, laser pump chambers, and computed radiography, as well as standards and targets for system calibration. More information can be found at www.labsphere.com.

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