



PHILIPS

Next Level

2015 U.S. Philips Lighting Application Center Course Description

Intermediate Lighting **Systems** and **Technology**

The 2.5-day Intermediate Lighting Systems and Technology Workshop builds on a basic understanding of lighting to address the critical issues in the experience, measurement and assessment of lighting and lighting systems.

We take an interactive, experience-based, and participant-centered approach, using full-scale and hands-on demonstrations. Participants observe lighting in action, measure and evaluate lighting alternatives, and practice applying the content.



18
Contact
Hours

Workshop Content

- Applying an understanding of light, color, and human vision to evaluating lighting technologies
- Lighting systems, focusing on the delivered quality of illumination and environmental limitations.
- Lighting economics
- The lighting design process
- Illuminance Selection
- Energy codes

Learning Objectives

At the completion of the Intermediate Lighting Systems and Technology Workshop, participants should be able to:

- Apply a systematic, “design process” approach to lighting applications
- Recognize basic lighting problems in the field
- Communicate the lighting and energy benefits of LED and other advanced lighting systems
- Calculate the cost of lighting using simple, “hand-held” techniques
- Calculate lighting power allowances for code compliance under ASHRAE 90.1-2010

Logistics

The workshop begins at 8:15 AM on Day 1, participants should arrive the night before. The workshop ends at 12:30 PM on Day 3; participants who are flying home should arrange flights that depart Newark airport after 3:00 PM. Lunch and refreshments are provided. Day 1 will be extended to include an off-site exercise - attendance is required, followed by a group dinner. Other logistical details are available upon registration.

Who Should Attend

This Intermediate Lighting Systems and Technology Workshop is aimed at the needs of lighting and energy specialists, facilities and design personnel, and anyone with two-to-five years of lighting experience and the desire to augment their lighting knowledge and know-how. The Fundamentals level workshops (or equivalent) are pre-requisite for this workshop.

US Workshop Fee: \$525 USD — [Register Now](#)

Location: Somerset, NJ

Scheduled dates

(please refer to www.philips.com/lightingapplicationcenter for final confirmed course dates):

February 9-11
November 16-18

Please email Yolanda Adornato at yolanda.adornato@philips.com with any questions.

