

A banner image for the Philips Lighting Fundamentals Workshop. It features a dark blue background with several white, cylindrical pendant lights hanging from the ceiling. In the foreground, there are two mannequins: one wearing a white shirt and a red scarf, and another wearing an orange sweater and a blue scarf. The Philips logo is in the top left corner, and the text 'Lighting Fundamentals' is in a green box below it.

PHILIPS

Lighting
Fundamentals

2015 U.S. Philips Lighting Application Center Course Description

Lighting Fundamentals **Workshop**

The four-day Lighting Fundamentals workshop offers a practical understanding of the principles of lighting and an introduction to today's lighting technologies, including sources, luminaires, and controls.

We take an interactive, experience-based and participant-centered approach, using full-scale, hands-on demonstrations, and lots of practice in putting it all to work. Participants see lighting in action, explore how lighting systems operate, and measure and evaluate lighting alternatives.

28
Contact
Hours

Workshop Content

- The human and business impacts of lighting and the perception and psychology of light and color
- Lighting economics: sustainability and the total cost of ownership
- Lighting systems: sources, luminaires and controls for LED and conventional technologies
- Introduction to applied lighting in retail, offices, and industrial facilities

Our approach integrates the discussion of light sources, luminaires, controls, and applications.

Learning Objectives

At the completion of the Lighting Fundamentals Workshop, participants should be able to:

- Communicate lighting ideas using technical and design vocabulary
- Distinguish the key costs of lighting, including sustainability, energy and maintenance,
- Compare lighting technologies in terms of operation, lighting performance, and cost effectiveness
- Describe basic luminaire and control types in terms of application, performance and construction

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 4; 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 evenings are open although some time will be needed for homework. Other logistical details are available upon registration.

Who Should Attend

Lighting Fundamentals is aimed at the needs of the lighting novice in a range of disciplines: electrical distribution, contracting, interior and architectural design, facility management, energy and utility service, or any other practitioners interested in learning the fundamentals of lighting.

US Workshop Fee: \$695 USD — [Register Now](#)

Location: Somerset, NJ

Scheduled dates

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

January 26-29
April 20-23
June 22-25
August 10-13
October 20-23
December 8-11

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

