

The background image shows a modern interior space with several white, cylindrical pendant lights hanging from the ceiling. In the foreground, there are mannequins wearing clothing, including a bright orange jacket and a white jacket with a red scarf. The lighting is soft and focused on the mannequins.

PHILIPS

Lighting
Fundamentals

2015 U.S. Philips Lighting Application Center Course Description

Introduction to **Luminaires**

The three-day Introduction to Luminaires workshop introduces the principles of optical performance, mechanical and electrical construction, and application for basic luminaires.

We take an interactive, experience-based, and participant-centered approach. Participants investigate key luminaires using hands-on, “take-it-apart” methods.

Workshop Content

- Luminaire construction and electrical/mechanical installation
- Principles of luminaire optics
- Reading a specification sheet
- Basic luminaire types and classes

For each of the basic outdoor luminaire types, we will cover what it does, where it is used, how it is constructed and how to specify and order.

Learning Objectives

At the completion of the Introduction to Luminaires Workshop, participants should be able to:

- Identify the construction, components, and function of key luminaires
- Communicate the performance attributes of key luminaires
- Apply these key luminaires to their common uses
- Use manufacturer literature and online information to identify products for typical applications

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.

20
Contact
Hours

Who Should Attend

The Introduction to Luminaires Workshop is aimed at anyone engaged in lighting, construction, or design who wants a basic understanding of luminaires and their application. Lighting fundamentals are not covered in this workshop and are a 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):

April 15-17

November 4-6

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

