

# IES Course **Light Sources & Auxiliary Devices**

SEM-11-SM-14-PDF



**Illuminating**  
ENGINEERING SOCIETY

**IES Educational Program**

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# IES Seminar

## Light Sources & Auxiliary Devices

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### For the Attendee-Participant:

- Background Information Slides
- Slide Handouts
- Seminar Quiz

## IES Intermediate Seminar **LIGHT SOURCES AND AUXILIARY DEVICES**



# Light Sources and Auxiliary Devices

## Learning Outcomes

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### At the end of the seminar, you will be able to:

- Describe light sources and auxiliary devices using common performance metrics of:
  - standard incandescent lamps
  - tungsten halogen lamps and low-voltage lamp transformers
  - linear and compact fluorescent lamps and ballasts
  - high-intensity discharge (HID) lamps and ballasts
  - LED sources and drivers
  - Induction and plasma sources and auxiliaries
- Analyze each of the above based on:
  - Common shapes, form factors, characteristics
  - Advantages and disadvantages
  - Controllability
- Compare the efficacy of each light source and required power auxiliary equipment
- Identify some common applications of each light source



Participants may receive IES CEUs based on the attendance time, including Q&A.  
The program has been approved by AIA for (4) AIA HSW-LU credits