PDF

IES Course
Light Sources & Auxiliary Devices

SEM 11-SM-14-PDF

Illuminating ENGINEERING SOCIETY

IES Educational Program

Approved by the IES Board of Directors, October 30, 2014.

Published by the Illuminating Engineering Society of North America, 120 Wall Street, New York, New York 10005.

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Printed in the United States of America.

ISBN#: 978-0-87995-306-5

IES Seminar

Light Sources & Auxiliary Devices

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For the Attendee-Participant:

- Background Information Slides
- Slide Handouts
- Seminar Quiz

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IES Intermediate Seminar

LIGHT SOURCES AND AUXILIARY DEVICES

Learning Outcomes

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