



## IES Application Seminar Lighting Upgrades

Authored by:

**The IES Lighting Upgrade Seminar Subcommittee of the  
IES Energy Management Committee**

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## **Learning Outcomes**

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This seminar is based on *IES LEM-3-13 Upgrading Lighting Systems in Commercial and Institutional Spaces*.

**At the end of the seminar, the participant will be able to:**

- Understand the overall scope of IES publication LEM-3-13
- Address the important issues for lighting upgrade projects
- Analyze equipment alternatives and strategies outlined in LEM-3-13
- Compare energy-saving upgrade lighting applications

**Participants may receive (2) IES CEUs or (2) IES LUUs.**

