

Outdoor Lighting Institute

Outdoor lighting design and specification has grown much more complex over recent years with engineers and specifiers considering new technology options, control system advances, light pollution concerns, human vision and many other variables. To meet the educational needs of the wide variety of professionals involved in outdoor lighting, the LRC has developed the Outdoor Lighting Institute.

This two-day, hands-on course is designed to provide the knowledge and tools necessary for developing efficient and effective outdoor lighting installations that substantially reduce energy use and light pollution while improving safety and security.

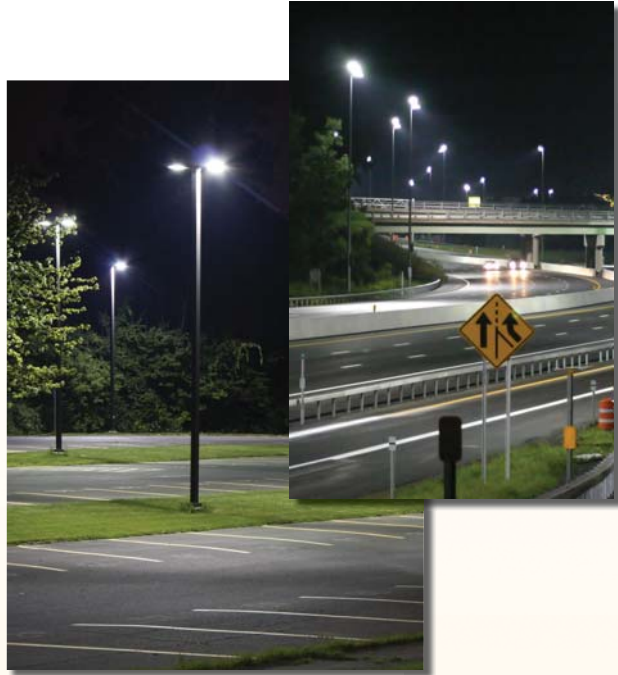
This practical course is geared toward engineers, lighting designers, municipal officials, and utility personnel who must design, specify, and commission energy-efficient outdoor lighting installations for sites including streets and roadways, parking areas, parks, and pedestrian areas.

The course incorporates lectures and hands-on sessions, as well as field exercises where participants evaluate several outdoor lighting installations. In addition, the course includes the latest information on light-emitting diode (LED) technology, metrics, and performance measures, provided by the Alliance for Solid-State Illumination Systems and Technologies (ASSIST).

Sponsor

New York State Energy Research and Development Authority (NYSERDA)

ASSIST program



Participant benefits

- Work hands-on in a small group setting
- Learn from leading lighting scientists, engineers, physicists, designers, human factors and energy efficiency experts
- Understand the possible human health implication of nighttime light exposure
- Learn the principles of light pollution (i.e., skyglow, light trespass, and glare)
- Learn about lighting factors that contribute to nighttime safety, security, crime reduction, and economic development
- Discover new technologies and design practices in the field of outdoor lighting
- Evaluate existing outdoor lighting installation for effectiveness, safety, and efficiency
- Receive continuing education credits



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Lighting
Research Center