

# LED Lighting Institute

**T**wice each year the LRC presents the LED Lighting Institute, a seminar featuring hands-on instruction in LED lighting. During this three-day institute, LRC experts provide instruction to lighting fixture designers and manufacturers, lighting specifiers, and other professionals interested in learning more about this quickly evolving technology.

Participants learn how to incorporate LEDs into architectural lighting applications; develop optical components that take advantage of the small size and compact beam spread of LEDs; and design lighting applications using LEDs.

Attendees also compare LED technologies from a variety of manufacturers and learn important information about operating characteristics, average rated life, lumen output, and other specification factors.



Left: The Cafe is a popular demo area for LED technology and creativity.  
Right: A seminar participant builds an LED luminaire.

## Student benefits

- Participate in a small class environment
- Observe hands-on demonstrations of a full range of LED technologies used in various applications
- Learn to design lighting installations using LEDs
- Learn to select and specify LED lighting system components
- Experiment with LED lighting technology using computer-based optical modeling and by building a fixture
- Learn how to match application requirements with available technologies
- Learn about the latest LED research and testing
- Receive continuing education credits

## Sponsors

Color Kinetics, Inc.

GELcore

LumiLeds

New York State Energy Research  
and Development Authority

Nichia America Corp.

Opto Technology Inc.

OSRAM SYLVANIA / OSRAM Opto Semiconductors

U.S. Department of Energy

## For More Information

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