

Lighting Energy Alliance

In 2014 LRC launched the Lighting Energy Alliance (LEA), a collaboration of members whose common goal is to conduct research to increase the benefits of lighting while reducing its environmental and monetary costs. Lighting accounts for more than 18% of electricity use in the U.S., and therefore has a significant role to play in energy efficiency efforts.

Current Program Sponsors, 2014



Now that many early conservation measures have been implemented, LEA will work to identify effective new ways to save energy, quantify the savings, and support its members in implementation. LEA invites utilities, efficiency agencies, and energy service companies (ESCOs) to join its efforts.

LEA's activities are developed in cooperation with its members. LEA can conduct many types of work including product testing, professional outreach and guidance, field demonstrations, online tools or applications, product development, lighting patterns, and other research and development.

Topics of current interest to LEA include:

- Commercial LED troffers
- Luminaire-integrated controls
- Outdoor lighting controls
- Integrated self-learning lighting control
- Pin-base LED lamps
- Daylighting performance verification
- Value metrics
- Low-income residential lighting
- Professional training



For more information on joining LEA, please visit:
www.lrc.rpi.edu/programs/LightingEnergyAlliance/LEA.pdf