ASSIST: Alliance for Solid-State Illumination Systems and Technologies

Established in 2002, ASSIST supports the development and widespread application of energy-efficient solid-state lighting systems. The LRC and ASSIST sponsors work with LED and luminaire manufacturers, large-scale purchasers of lighting systems, and government entities to overcome major technical hurdles and to identify key applications for LEDs.
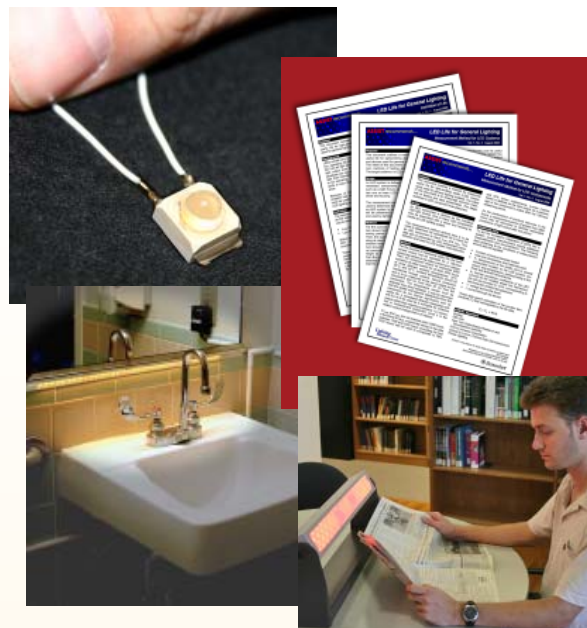
The LRC's role in ASSIST includes:

- Researching, demonstrating, and evaluating LED lighting technology in different applications
- Developing metrics and guidelines for evaluating LEDs and systems
- Educating lighting professionals
- Fostering industry collaboration

Sponsorship benefits

- Opportunity to leverage funding to expand the use of solid-state lighting products
- Opportunity to provide input on target activities
- One ASSIST advisory board vote for each sponsor; the advisory board recommends policies, operational procedures, and selects priority activities for the program
- One free registration for all solid-state lighting educational programs conducted at the LRC
- Confidential product testing at cost
- Recognition of sponsorship on all print and electronic publications related to ASSIST
- Access to LRC staff and faculty for advice
- Access to a network of system and component manufacturers, buyers' groups, and government agencies

Recent projects

- Color tolerance criteria and color binning for white LEDs
- LED lighting in assisted-living facilities
- Specifications for aircraft passenger reading lights
- *ASSIST recommends*: *LED Life for General Lighting*

For more information

Contact N. Narendran, LRC Director of Research
518-687-7100 or narenn2@rpi.edu

Sponsors

Boeing

GELcore

New York State Energy Research and Development Authority

NICHIA America Corporation

OSRAM SYLVANIA / OSRAM Opto Semiconductors

Philips Lighting

U.S. Environmental Protection Agency

ASSIST *program*

Rensselaer

Lighting Research Center