

Latin American Student Luminaire Design Competition

Outdoor lighting in urban areas provides a sense of safety and security, draws people in to visit shops and restaurants, improves safety for drivers and pedestrians, and enhances the enjoyment of cities and towns after dark. However, outdoor lighting must be carefully designed to limit potential negative impacts on the environment such as increased energy use and reduction of views of the night sky.

In order to promote the effective and sustainable use of outdoor lighting in Latin America, the Lighting Research Center (LRC) is administering a luminaire design competition for full-time students attending colleges and universities in Latin America and the Caribbean. The competition is sponsored by AES Latin America and Philips Lighting.

Objective

The objective of the competition is to design a well-engineered, energy-efficient outdoor luminaire/lighting product or system suitable for use in public urban areas, such as city/town squares, plazas, and similar areas. Special consideration is being given to luminaires designed for low-income settlement areas or other such locations facing unique challenges.

The competition is geared toward students enrolled in programs of industrial/product design, optics, lighting, engineering, architecture, urban design, and other related disciplines.

Sponsors

AES Latin America
Philips Lighting



Competition winners will receive:

- First Place - \$2,500
- Second Place - \$1,000
- Third Place – Three awards of \$500 each

All submitted designs meeting the required criteria will be published collectively at the end

of the competition. The winning designs will also be published in lighting-related trade publications and will be posted on the websites of competition sponsors and the LRC.

Judging Criteria

Submissions will be judged on the following criteria:

- Uniqueness, innovation, and originality of design
- Sustainability – how well the product addresses economic, social, and environmental needs of an area, including the efficient use of energy
- Performance for illumination — function, including how well the product operates, effectively and comfortably delivers light when

and where needed, and provides a quality and safe lighted environment for the users of an area

- Durability – how well the product will stand up to the conditions of the area for which it is designed
- Serviceability – ease and cost of both installation and maintenance

Designs are being accepted October 1, 2011 through March 31, 2012, with winners to be announced in the spring of 2012.

For complete competition details and submission requirements, visit www.lrc.rpi.edu.

