

Seoul Semiconductor and LEDLab Team Up with CLTC, UC Davis for 10th Annual Luminaire Design Competition

Students enrolled in Designing with Light at the University of California, Davis this semester will be competing in the 10th Annual Luminaire Design Competition this spring. The students must create original luminaire prototypes for outdoor pathways using an energy-efficient LED module manufactured by LEDLab using Seoul Semiconductor's Acrich2 AC-LED module.

Davis, California ([PRWEB](#)) February 07, 2014 -- This year marks the 10th Annual Luminaire Design Competition for students enrolled in Designing with Light (DES 136 B) at the University of California, Davis. The competition gives students the opportunity to work with state-of-the-art lighting technologies and to share their designs with professionals in the lighting industry.

Led by Professor Michael Siminovitch, the course is a 10-week design challenge. This year, students must create original luminaire prototypes for outdoor pathways. Each student is provided an energy-efficient LED module manufactured by LEDLab using Seoul Semiconductor LEDs and components and packaged into a ready-to-use product distributed by Seoul Semiconductor.

On March 13, as students present their final class projects, they will also be participating in the competition, presented by the California Lighting Technology Center (CLTC) at UC Davis. Guest judges, including representatives from Seoul Semiconductor and LEDLab, will help to select the winners.

"We are excited to sponsor this year's class and to be inspired by the young minds working on this intriguing outdoor LED project," says Seoul Semiconductor North America Marketing Representative Megan Silkman.

In June the top two students to place in the competition will bring their winning designs to LightFair International, the industry's largest annual lighting conference and trade show. The students' expenses will be covered by Seoul Semiconductor. At LightFair 2014 the students will have the opportunity to present their luminaires in a special section of the Seoul Semiconductor booth, giving them valuable opportunities to meet industry experts and explore job opportunities. The winners of past years' competitions embarked on careers in architecture, lighting design, and other design fields, many finding positions immediately after graduation.

Seoul Semiconductor's Acrich2 AC-LED modules can be easily connected directly to AC line power with no driver or ballast, and they are available in a variety of form factors and light output levels. LEDLab designed this custom Acrich2 module to be integrated into energy-efficient lighting projects. The modules' compact design allows them to be used in areas with space constraints and enables cost-effective installation, as the modules can fit in a standard electrical J-Box. A unique cooling system extends the life of the modules for maintenance-free lighting that lasts for more than 60,000 hours.

About Seoul Semiconductor

Seoul Semiconductor ([SeoulSemicon.com](#)) manufactures and packages a wide selection of light emitting diodes (LEDs) for the automotive, general illumination/lighting, appliance, signage, and back lighting markets. The company is the world's fifth largest LED supplier, holding more than 10,000 patents globally, while offering a wide range of LED technology and production capacity in areas such as "nPola", deep UV LEDs, "Acrich", the world's first semiconductor light source that operates directly from both AC and DC power supplies, and

"Acrich MJT - Multi-Junction Technology," a proprietary family of high-voltage LEDs. The company's broad product portfolio includes a wide array of package and device choices such as AC-driven LEDs, high-brightness LEDs, mid-power LEDs, side-view LEDs, through-hole type LED lamps, custom displays, and sensors.

About LEDLab

LEDLab (LEDLab.com) is a startup company founded by Scott Clifford who has spent the last 20 years in the LED industry as an engineer and entrepreneur. We are committed to continuously challenging the engineering, innovation and creative process of creating LED light systems so we can deliver lights that will enrich the lives of our customers. LEDLab has a unique patent pending fan cooling system to remove the heat generated by LEDs, allowing a longer lasting, higher quality light for the user.

About CLTC

The California Lighting Technology Center (CLTC) is a not-for-profit research and development facility dedicated to advancing energy-efficient lighting and daylighting innovations. CLTC is part of the Department of Design at the University of California, Davis. The center conducts research, prototype development, product testing, field demonstrations, and case studies of new and emerging lighting technologies. CLTC collaborates with designers, manufacturers, utilities, government agencies, and others on a variety of projects. Find out more at cltc.ucdavis.edu.

About UC Davis

For more than 100 years, UC Davis has been one place where people are bettering humanity and our natural world while seeking solutions to some of our most pressing challenges. Located near the state capital, UC Davis has more than 33,000 students, over 2,500 faculty and more than 21,000 staff, an annual research budget of over \$750 million, a comprehensive health system and 13 specialized research centers. The university offers interdisciplinary graduate study and more than 100 undergraduate majors in four colleges — Agricultural and Environmental Sciences, Biological Sciences, Engineering, and Letters and Science. It also houses six professional schools — Education, Law, Management, Medicine, Veterinary Medicine, and the Betty Irene Moore School of Nursing.

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