Energy Efficient Partnership Programs

Energy-Efficient Lighting Through Research, Innovation and Partnerships

UC Davis wins 2009 Best Practice Award using EverLast® Smart Light Technology

JACKSON, MI – May 27, 2009 **–**UC Davis has been a leader in the movement toward energy sustainability for the past few years, and on June 22, 2009 they will be awarded the Energy Efficiency Partnership Program, 2009 Best Practice Award for their parking garage lighting design retrofit. The Facilities Management program at UC Davis will be presented the award at the UC/CSU/CCC Sustainability Conference at UC Santa Barbara.

In partnership with CLTC, UC Davis replaced preexisting high pressure sodium (HPS) fixtures with EverLast® Induction step-dimming garage fixtures. This retrofit was conducted as part of CLTC's Smart Lighting Initiative, an effort they have pursued over the past two years. This project utilizes high efficiency lighting sources using bi-level activity sensors that reduce lighting levels when no one is occupying the parking facility. EverLast® fixtures are unique because they integrate step-dimming with induction technology, enabling them to achieve 50-60% savings over current static approaches.

Energy-efficiency and sustainability are top priorities for institutional and industrial buildings and cutting costs is essential. By using EverLast® Induction garage lighting fixtures with bi-level occupancy sensors, the estimated annual energy savings for the four parking structures at UC Davis is $77,127, based on the discounted university utilities rate of 9 cents per kilowatt-hour. (Maintenance savings are not included in this estimate.) "EverLast® Induction Smart Lights with bi-level technology offers one of the most effective near-term opportunities for addressing our energy efficiency goals," said Michael Siminovitch, Director of CLTC.

UC Davis also recognizes that driver and pedestrian safety are key concerns in parking area lighting design. Using motion sensor activated lighting that changes instantly from 50% to 100% upon changes in occupancy may heighten or increase the sense of security and safety within parking applications. Additionally, the high correlated color temperature 5000K white light source provides better visibility and color differentiation.

EverLast® Induction light fixtures complemented the UC Davis Smart Lighting Initiative well because they combine energy-efficient, induction lighting with bi-level sensor step-dimming technology for an added energy-savings. EverLast® smart fixtures are today's ideal technology for retrofitting existing parking structures on campuses, in shopping centers, and throughout urban city centers.

Before EverLast® retrofit, HPSLamps stayed at full energy

With EverLast® bi-level lighting, energy is saved when lights are dimmed and better lighting color provides for an improved visual environment.

Streetview shows evident color difference halfway into installation.

EverLast® Induction Lighting is a product of Full Spectrum Solutions, Inc. For more information visit www.everlastlight.com, phone 888-383-7575, or email joelle@everlastlight.com. For further information on the California Lighting Technology Center (CLTC) visit www.cltc.ucdavis.edu.