NEWS RELEASE
For Immediate Release

University of California, Irvine installs U.S. made EverLast® Induction Cobra Head Fixtures

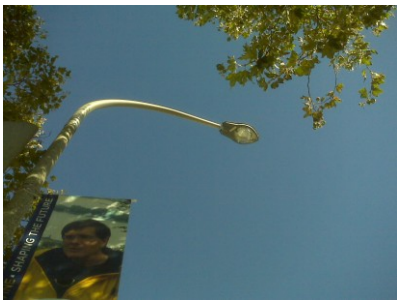
JACKSON, MI – November 17, 2009 – As part of a SMART Energy Initiative, the University of California (UC) campuses have been working with the California Lighting Technology Center (CLTC) at UC Davis to retrofit inefficient lighting technologies with EverLast® Induction Smart Light fixtures. To date, 30% of UC campuses are receiving massive energy and cost savings due to the implementation of EverLast® Induction fixtures in roadway, walkway, parking lot and garage structure applications.

Ron Fleming, Director of Parking and Transportation Services at UC Irvine, recently specified and installed EverLast® Induction Smart Light Cobra Head fixtures in locations that students frequent regularly at night. "We chose induction lighting over all other light sources because it has the highest efficacy lumens and color rendering index," said Fleming during his UC Irvine Campus Retrofit Forum presentation. "A high color rendering index is just as important as having a good color temperature because it increases nighttime visibility, which is important for campus safety." UC Irvine is also in the process of installing EverLast® Induction Smart Light fixtures in parking structures and architectural lighting applications. Director Fleming uses these installations as demonstration models when educating other campus facility directors and engineers about the visual and energy-saving benefits of induction technology.

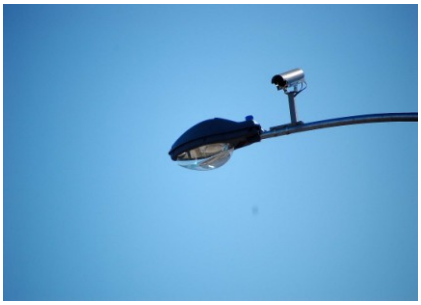
U.S. Made EverLast® Induction Smart Light Cobra Head fixtures outperform all other cobra head fixtures. Using type III medium throw lens and reflector optics designed specifically for induction lamp geometry results in a 29% increase in illumination and a 38% increase in light distribution when compared to competing Cobra Head fixtures. As opposed to heavy, metal fixtures that rust or corrode over time, the new hybrid die cast aluminum and glass filled Lexan body structure decreases fixture weight by 40% for ease of installation while maintaining structural strength and improved weathering for harsh environments. All resin used is 80% recycled product.

By using this same state-of-the-art technology, the Facilities Management Program at UC Davis was awarded the Energy Efficiency Partnership Program 2009 Best Practice Award for their parking garage lighting design retrofit in which EverLast® Induction Smart Light Bi-level Garage Fixtures were installed. 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. "EverLast® Induction Smart Lights with bi-level technology offer one of the most effective near-term opportunities for addressing our energy efficiency goals," says Prof. Michael Siminovitch, Director of CLTC.

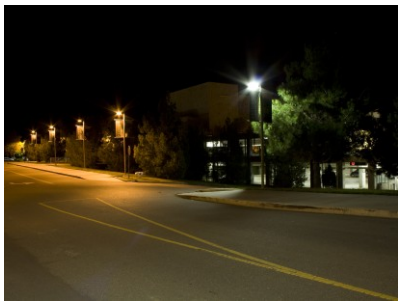
The Patented EverLast® Induction Smart Light Series is manufactured in a newly constructed LEED-certified production facility in Jackson, Michigan U.S.A. This new line of U.S. made induction fixtures includes the only Type III Induction Cobra Head Roadway Fixture. By incorporating photo sensor controls and timed step-dimming along with a high correlated color temperature 5000K lamp that has a color rendering index of 85, EverLast® Induction Smart Light fixtures provide increased pedestrian safety in addition to unmatched energy savings.



EverLast® Smart Light Cobra Head



Enhanced security with 5000K / 85 CRI



Night Shot of EverLast® Cobra Head

EVERLAST®
INDUCTION LIGHTING
A Product of Full Spectrum Solutions

EverLast® Illuminates Sheridan Way Elementary

NEWS RELEASE
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Ventura, California School District Installs EverLast® bi-level Induction Light Fixtures to Conserve Energy

JACKSON, MI – December 23, 2009 – The state of California has been a big promoter of energy conservation practices for the last decade. In fact, California is the state doing the most to implement energy-efficiency according to a new 50-state scorecard on energy efficiency policies, programs, and practices from the American Council for an Energy-Efficient Economy (ACEEE).[1]

Ventura Unified School District joined in on the state's energy-efficiency initiative this past summer by replacing the 250w high pressure sodium (HPS) fixtures in the Sheridan Way Elementary School driveway and parking lots with EverLast® 100w bi-level Smart Light Induction Shoe Box fixtures. With bi-level step-dimmers, the 100w induction fixtures dim down to 50 percent power when the parking lot is vacant and 100 percent power when the occupancy sensor detects motion.

"We made the decision to install EverLast Smart Light fixtures because of the significant energy savings and the quality of light. The Ventura Unified School District will see an annual energy savings of approximately 65 percent," said Dan Grumney, Director of Sales and Marketing at Taft Electric Company. "The fixtures are performing even better than we anticipated. The teachers and administrators at the school love the step-dimming feature. They say it makes them feel safer."

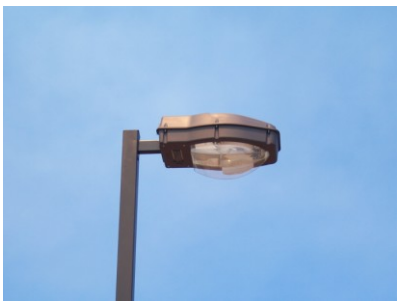
The Patent-Pending EverLast® Induction Shoe Box fixtures are part of a new series of Michigan-made fixtures that are referred to as the EverLast® Smart Light Series. Designed specifically for parking lots, car dealerships, athletic courts, and general purpose area lighting, the new reflector design provides a 50 percent increase in lateral throw over conventional induction shoe box fixtures. The enhanced light distribution provides excellent uniformity for vertical and horizontal illumination as well as a 15 percent increase in forward throw lighting.

"The light distribution is much better than the previous light fixtures. There are no longer any dark spots or shadows in the parking lot due to the wider distribution," Grumney said. "It's great that we were able to accomplish this without adding any additional fixtures. Having a lamp with a 5000K color temperature is also a big plus. It's crisp, fresh, and clean looking compared to the former HPS lighting system."

Unlike traditional metal shoe box fixtures that rust or corrode over time, environment-friendly EverLast® Smart Light Shoe Box fixtures are constructed of 80 percent recycled Lexan* polycarbonate resin. The fixture design offers structural integrity, color stability and resistance to salt, moisture, and corrosion. "This is a coastal community, so we have to deal with overly corrosive conditions," Grumney said. "The composite fixture housing was one of the deciding factors when choosing a replacement light fixture."

EverLast® bi-level Shoe Box Fixtures

Easy mounting system



EverLast® Induction Shoe Box Light

Taft Electric Company has formed a strategic alliance with EverLast® Induction Lighting, Inc. to provide an energy efficient and low maintenance lighting solution to its clients. Taft Electric Company is located in Ventura, CA and has served the new construction industry in Los Angeles, Ventura, and Santa Barbara Counties for more than 60 years. Taft Electric also specializes in large-scale commercial and institutional remodels. For more information, contact Dan Grumney at dgrumney@taftelectric.com.

[1] http://www.ens-newswire.com/ens/oct2009/2009-10-22-093.asp

CLTC UC Davis Parking Garage Case Study:

Before the lights were at full energy consumption levels at all times.

With bi-level lighting, energy is saved when the lights are dimmed and higher color temperature lighting provides for an improved visual environment.

UC Davis Parking Garages Shine with Smart Fixtures

California Lighting Technology Center (CLTC) partnered with California Energy Commission's Public Interest Energy Research (PIER) Program, Full Spectrum Solutions, Inc., and Watt Stopper/Legrand to develop a bi-level occupancy based induction luminaire for exterior deck or ceiling mounted applications. This innovative product reduces energy consumption and maintenance costs. The bi-level luminaires reduce light levels to 50% when the space is unoccupied, saving energy and reducing light pollution. When motion is detected, they return to full brightness. To test the product, eight fixtures were installed at the UC Davis North Entry Parking Structure. Data collected from the demonstrations indicates a 30–40% reduction in energy consumption. The test was completed as part of the UC Davis Smart Energy Initiative Garage Lighting Project, a statewide energy saving initiative in collaboration with the UC Davis Energy Efficiency Center.

Driver and pedestrian safety are key concerns in parking area lighting design. Until now, the accepted belief was that a brightly lit area is safer. To the contrary, current research indicates that a system that responds to occupancy provides more beneficial information than one that is always in the same mode. If a security guard is overseeing a garage that is at 50% brightness and the lights come to full power in specific places, there is a targeted area to monitor. Additionally, the high correlated color temperature (CCT) of 5000 K provides for better visibility and color differentiation. Blue and green cars that were difficult to distinguish between under the former high-pressure sodium lights are now clearly rendered with the light from the induction lamps. Research has also shown that bluer light is more effective in low light level situations.

Energy savings are only one portion of the overall reduction in resource use. The EverLast® 100 Watt Induction Lamp is designed to last for 100,000 hours, which translates to approximately a 20 year lamp replacement cycle. Maintenance costs are reduced due to a longer lamp lifespan compared to alternative lamp choices. When a luminaire requires little or no attention, maintenance resources may be reallocated. Emissions from vehicles used to replace lamps are minimized. Landfill waste from failed lamps, including mercury, is also reduced. Over the life of the induction lamps, more than seven of the traditional lamps would fail. This means that more than 8000 lamps will be eliminated from the waste stream after the new lighting system is installed.

LED products show great promise in the energy efficient lighting development effort, but the high first cost is still an obstacle for many buyers. Induction lighting offers a lower first cost alternative combined with significant energy use reduction. Facilities managers with immediate lighting needs are looking for proven, market-ready technologies. The energy savings demonstrated at the test site makes induction lighting an ideal technology for retrofitting existing parking structures at campuses, shopping centers, and urban city centers. After evaluating the results from the initial installation, UC Davis Facilities Management has committed to retrofitting four large parking garages that contain more than 1000 luminaires.

The impact of this commitment is two-fold. Facility managers will see the cost and maintenance savings. The estimated annual energy savings for the four structures is $77,127, based on the discounted university utilities rate of 9¢ per KwH. Maintenance savings are not included in this estimate. Employees, students, and citizens will continue to use a well-lit parking structure, but will be able to see the stars a little clearer if they live nearby or pass by an unoccupied garage at night. As the adoption of more efficient lighting technologies increases, and awareness and acceptance of multi-level lighting increases, energy consumption will decrease and help UC Davis and the state of California reach their efficiency goals. In five years, perhaps we will all wonder who left the lights on when we pass by a fullylit parking area at night. This project is one step towards that goal.

NEWS RELEASE
For Immediate Release

University of Michigan Installs EverLast® Energy-Efficient Induction High Bays in New State-of-the-Art Wrestling Facility

Jackson, MI – March 31, 2010 –The University of Michigan is a perennial leader in the world of college athletics, and a big part of this success can be attributed to their multi-million dollar sports facilities. In October 2009, the University of Michigan unveiled its new state-of-the-art wrestling practice facility. The new Wolverine training center is among only a handful of stand-alone wrestling facilities in the world. The Bahna Wrestling Center is a $5.5 million, 18,000-gross-square-foot building that includes a two-story indoor practice area with three regulation wrestling mats. It also features athletic medicine areas, strength and conditioning space, a locker room and storage area.[1]

No expense was spared when it came to the quality of materials used in the construction of the new facility, especially when it came to lighting. After testing fixtures from several different manufacturers, the University decided to go with EverLast® 400w Induction high bay fixtures from Jackson, Michigan based lighting manufacturer, Full Spectrum Solutions, Inc.

Metal halide high-bay fixtures have been the method of choice for illuminating gymnasiums in the past, but EverLast® Induction light fixtures are quickly changing that. Unlike metal halide fixtures that buzz and take up to five minutes to fully illuminate, induction fixtures are instant-on and soundless.

EverLast® Induction technology is essentially a fluorescent lamp without electrodes. High frequency energy from the electronic ballast is sent through wires, which are wrapped in a coil around the ferrite inductor, creating a powerful magnet. The induction coil produces a strong magnetic field that travels through the glass and excites the mercury atoms, which are provided by the amalgam (a solid form of mercury). The excited mercury atoms emit UV light, and just like a fluorescent tube, the UV light is up-converted to visible light by the phosphor coating on the inside of the tube. Since induction lamps do not have components that can burn out, they are rated at 100,000 hours, lasting longer than 100 incandescent, 5 HID, or 5 typical fluorescent lamp changes.

“Everyone at the University of Michigan, including the wrestling head coach Bill McFarland, loves the color and clarity of light produced by the EverLast fixtures,” said Russ Stipanovich, Electrical Foreman for the project. “In fact, the fixtures have been so well-received that the University is thinking about installing EverLast fixtures in the new indoor soccer facility that is scheduled for completion in the summer.”

In addition to being energy-efficient and virtually maintenance-free, EverLast® induction fixtures produce a high quality and clarity of light that helps reduce glare and eyestrain. “Wrestlers are on their backs a lot of the time, so it was important to choose a light that wouldn’t cause momentary blindness during a match,” Mr. Stipanovich said.

Installation of EverLast® 400w High Bays

EverLast® 400w Induction High Bays

EverLast® Illuminating Bahna Center

The Bahna Wrestling Center was built in recognition of former University of Michigan wrestler Ralph Bahna (1962-64) and his wife, Dorothy. A three-year Wolverine letter winner, Bahna was a member of two Big Ten Championship squads under legendary coach Cliff Keen. He captured the Big Ten 123-pound title as a senior in 1964. Bahna is currently chairman of priceline.com and the chairman and founder of Club Quarters, a new chain of private hotels in big city centers.

[1] http://www.mgoblue.com/facilities/wrestling-center.html