ENCINITAS

City of Encinitas Installs EverLast® Induction Lights to Enhance Public Safety in Glen Park

With public safety being a key concern for park supervisors everywhere, City of Encinitas, CA Park Supervisor, Terry Smith, left nothing to chance when it came time to replace the existing high pressure sodium (HPS) fixtures in Glen Park, which is one of the oldest parks in the city. Terry contracted John Quart, co-founder of Quallight Efficiency Corp., to replace a single light pole that was knocked over by a tree during a storm.

After evaluating the damaged light fixture, Mr. Quart recommended that the City of Encinitas upgrade all the light fixtures in Glen Park to EverLast® Lighting 100w Shoe Box fixtures. "The previous lighting fixtures had been in place for about 25 years, so we quickly decided it was time for a change," commented Mr. Smith. "The quality of light produced by the EverLast induction fixtures is significantly better than the former HPS fixtures. Glen Park is a high profile park right next to the beach, so it's important that our residents and park visitors feel safe at night. The EverLast fixtures create that sense of security."

In addition to public safety, energy-efficiency and maintenance were other main factors Mr. Smith took into consideration when deciding to swap out all the HPS acorn light fixtures in Glen Park with EverLast® 100w Induction Shoe Box fixtures. "High pressure sodium bulbs typically burn out after 15,000 hours, and it costs the city time and money to replace them. With EverLast's 10-year warranty on the lamp, ballast and fixture, the City of Encinitas will see a large decrease in maintenance costs," stated Mr. Quart of Quallight Efficiency Corp. "We've calculated that Glen Park will also see a 44% reduction in annual lighting costs due to the switch to EverLast fixtures."

With a virtually maintenance free 100,000 hour lamp life rating, energy savings up to 70 percent, unmatched lumen maintenance, and a faster ROI than LED, HPS or HID technology, EverLast® Lighting technology meets the Department of Energy's high efficiency standards. making it today's smartest choice for illuminating parks, parking lots, athletic courts, and other public areas.

With EverLast® 100w induction shoe box fixtures now illuminating the basketball courts and parking lots within Glen Park, the City of Encinitas and its residents alike are reaping the benefits. "The park looks anew and has something the other parks don't, which is cool," said Mr. Smith. "A woman walking through the park the night of the installation said, It was nice to be able to see again, which confirmed that we made the right decision with EverLast."

PUBLIC SAFETY

Is Turning Off Streetlights Worth Jeopardizing Public Safety?

According to an article published by USA Today on August 28, 2009, a number of cities and towns throughout the U.S. have opted to completely turn off up to 50 percent of city streetlights in an effort to save money. To date, the article has generated 289 comments from readers, the majority of whom are concerned about the effect this will have on public safety.

People are wondering why pedestrian and motorist safety has to be jeopardized in order to save tax dollars already spent. Instead of turning off up to half of the city's streetlights, city and municipal leaders should look into implementing a more efficient way of lighting public areas. As part of a pilot project to show the City of Richland, WA Public Utility Department that induction lighting is a viable solution for energy savings, Tom Osborn, engineer for Bonneville Power Administration, in partnership with Green Lite Energy Solutions, replaced twenty-four 400w and fifteen 200w high pressure sodium (HPS) cobra head fixtures in the Federal Courthouse parking lot with EverLast® 200w and 100w induction cobra head light fixtures a retrofit that is projected to cut energy and maintenance costs by more than half.

In an effort to reduce energy costs without jeopardizing public safety, City of Encinitas, CA Park Supervisor, Terry Smith, worked with Quallight Efficiency Corp. to replace inefficient, 25-year-old HPS fixtures with EverLast® 200w Induction Shoe Box fixtures. "A woman walking through the park the night of the installation stated, 'It's nice to be able to see again.'" says Mr. Smith. This retrofit is expected to cut the park's annual lighting costs by 44 percent. Additionally, EverLast® Smart Light Induction Fixtures incorporate step-dimming and on/off photo sensor controls for increased pedestrian safety and unmatched energy savings.

Other cities considering turning off streetlights include Dennis, MA; Montgomery, PA; South Portland, ME; and Northfield, MN. In lieu of creating a city of fear by turning the lights completely off, city officials can look into alternative approaches to saving the city money. For example, the Rebuild Michigan Program fosters partnerships that promote increased energy efficiency within a community. Partners may include local governments, schools, universities, businesses, non-profit organizations, and public housing authorities. With assistance from state government and other partners, each community can determine energy saving opportunities and create goals to implement an energy action plan.*

*http://www.michigan.gov/dleg/0,1607,7-154-25676_25689_26261---,00.html

PUGET SOUND

Puget Sound Marina Saves Thousands by Switching to Energy-Efficient Induction Lighting

With approximately 9,000 marinas in the United Sates, providing quality moorings, repair services and facilities are not the only essential functions of a marina. It is equally important that marinas provide adequate nighttime lighting to ensure safety for boaters and their boats. Electrical and maintenance costs can be quite costly, which is why John Beal at Dagmars Marina in Everett, WA swapped out their 400 watt high pressure sodium (HPS) fixtures for 200 watt EverLast® Induction Shoe Box fixtures.

"The EverLast 200 watt lights certainly produce as much light as the previous 400 watt lights did, and the light itself is white, which everyone here really likes compared to the previous HPS fixtures," said Mr. Beal. "Our estimated yearly savings by the local utilities is close to $15,000, not including routine maintenance costs associated with replacing light bulbs and worn-out fixtures." With the amount of money being saved annually, Dagmars Marina will see a return on investment in approximately three years.

"We're a dry storage marina that stores approximately 800 boats. We're located on the Snohomish River close to the Puget Sound, so the temperature can get pretty frigid at night," said Mr. Beal. "We also get a lot of rain and fog that hinders boater visibility, so the fact that EverLast fixtures turn on instantly, even in colder temperatures, was really important." Unlike HPS, HID, and LED sources, EverLast® induction lighting fixtures operate in cold temperatures down to -40°.

"The main reasons we chose EverLast induction fixtures over other technologies were because of the reliability, price, and savings after installation," stated Mr. Beal. "A bonus was that the installation was easy and the fixtures are nice looking."

With a virtually maintenance free 100,000 hour lamp life rating, energy savings of up to 70 percent, unmatched lumen maintenance, and a faster return on investment (ROI) than any other lighting technology, EverLast® shoe box fixtures are today's smartest choice for illuminating marinas, car dealerships, parking lots, residential neighborhoods, and other public spaces that require energy-efficient, high definition area lighting. Additional energy savings and pedestrian safety is achieved when motion sensors are installed.

EverLast® Lighting manufactures a wide variety of energy-efficient outdoor lighting fixtures for garage and parking lot, street and roadway, and walkway and area lighting. Earlier this year EverLast® began manufacturing a new series of Michigan-made induction fixtures, which are the only induction fixtures made in the United States.

UC DAVIS

California's PIER Demonstrations Bring Energy Saving Lighting Technologies to the Marketplace Bi-Level Adaptive Lighting Controls at the Forefront of Energy Conservation Initiatives

California leads the nation in reducing greenhouse gas emissions and is currently working to ensure that 33 percent of the state's electricity is generated from renewable resources. The California Energy Commission's Public Interest Energy Research (PIER) is the state's premier energy research, development and demonstration program, advancing science and technology in the fields of energy efficiency, renewable energy, advanced electricity technologies, energy-related environmental protection, transmission and distribution, and transportation technologies.*

PIER has invested more than $600 million over the last decade to bring to market energy technologies that provide environmental and economic benefits to California's ratepayers. This is accomplished by enlisting businesses, utilities, energy companies, public advocacy groups, and world-class scientists at California's universities and national laboratories.*

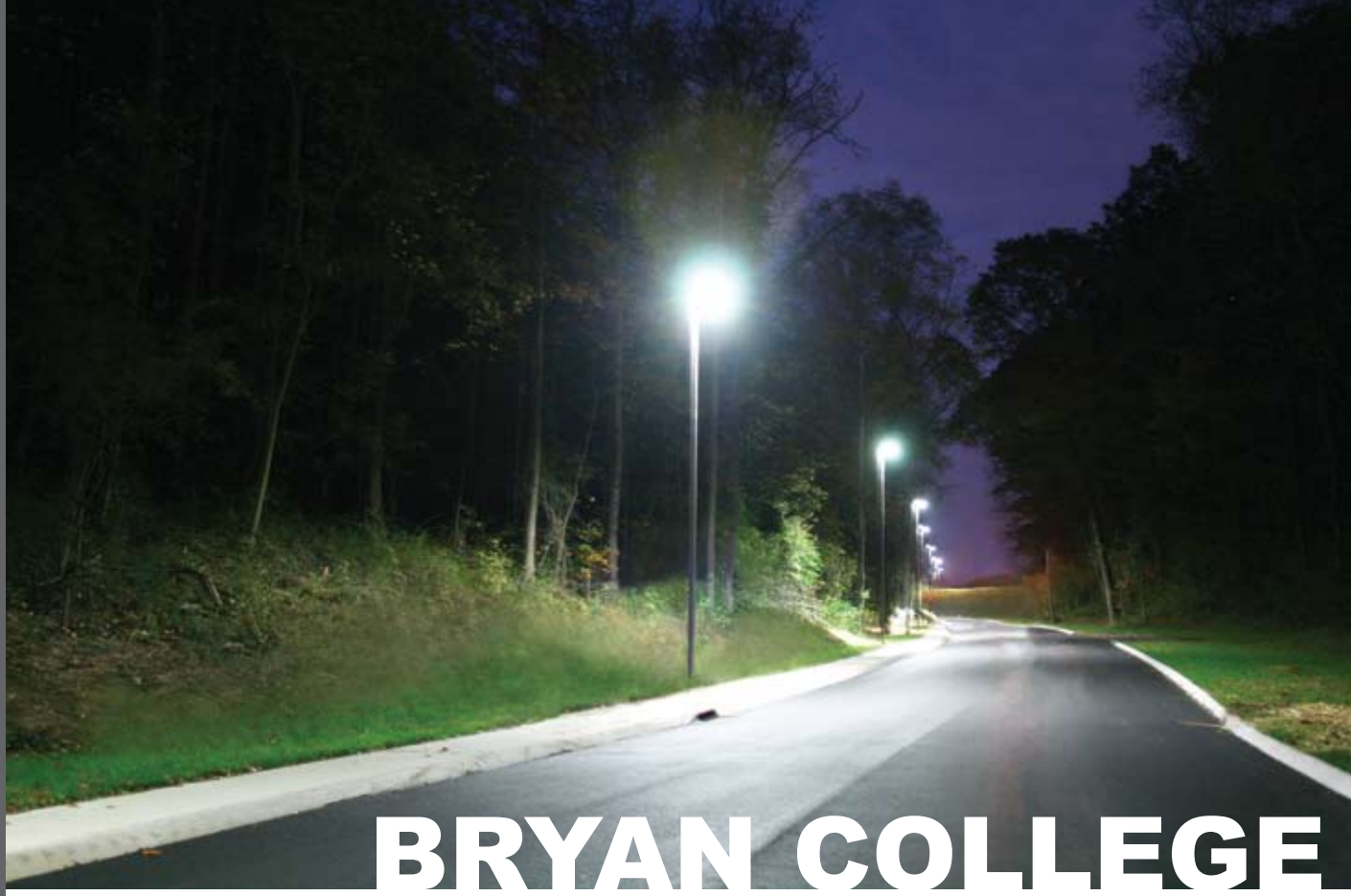
PIER's State Partnership for Energy Efficient Demonstrations (SPEED) program in particular aims to demonstrate and apply new lighting and HVAC technologies throughout a wide range of California venues and campus settings. These demonstration projects highlight technologies developed through a unique collaborative process that leverages public research and development funds to help manufacturers bring innovative, energy-efficient products into the commercial marketplace.**

In partnership with PIER's SPEED program, the California Lighting Technology Center (CLTC) at the University of California in Davis has completed numerous lighting pilot projects that demonstrate how combining energy-efficient lighting technologies with smart sensor controls can reduce energy, save money, and improve safety. Recently, 100w bi-level induction shoe box fixtures from U.S. manufacturer EverLast® Lighting were installed in the California Department of Public Health parking lot in Richmond. When the lot is vacant, adaptive occupancy sensors dim the fixtures to 40 percent power, and when motion is detected the fixtures power back up to 100 percent.

Energy-efficient EverLast® induction shoe box parking lot fixtures with integrated controls that dim to low light levels during unoccupied periods were also installed at UC Davis's School of Veterinary Medicine. This demonstration is part of a campus-wide commitment to reduce electricity use by 60 percent by the end of 2015.

PIER's SPEED program has completed more than 100 demonstration sites that could save California residents 2-5 billion kilowatthours, equaling $287-$718 million with 10-25% market penetration, or between 788,000 and 2 million tons of carbon each year.***

*http://cltc.ucdavis.edu/images/documents/demonstrations/pier_program_overview.pdf
**http://www.pierpartnershipdemonstrations.com/
***http://www.pierpartnershipdemonstrations.com/index.html



BRYAN COLLEGE

Bryan College Installs Bi-Level EverLast® Induction Shoe Box Fixtures to Illuminate New Campus Entrance

Due to an increase in budget cuts for universities across the country, campus facility managers are looking for alternatives to reduce spending anywhere possible. While metal halide and high pressure sodium (HPS) fixtures are currently found on most college campuses, facility managers recognize lighting as being one of the quickest ways to lower utility costs and have begun looking to energy-efficient alternatives, such as magnetic induction lighting.

"When it came time to determine which lighting technology would be best for illuminating the college's new entrance roadway, a major factor taken into consideration was how it would affect our utility bill," stated Dan Fry, Construction Manager for Bryan College in Dayton, Tennessee. "The fact that EverLast light fixtures are energy-efficient and can be step-dimmed to 40 percent of their power was the driving force in choosing induction technology. It's too early for LEDs, for both economical and practicality reasons."

Bryan College installed EverLast® induction 100w bi-level shoe box fixtures that produce a light output equivalent to a 200w metal halide. The university receives the maximum energy savings by incorporating a bi-level ballast that dims the fixtures to 40 percent power when the street is vacant. "Most of our students are in bed by 1:00 am, so having the ability to dim the fixtures between 1:00 and 6:00 am creates a huge savings for us," Fry stated. "We anticipate that we'll end up consuming approximately one-seventh of the normal electrical wattage usage by utilizing EverLast technology."

"The installation was much easier than I anticipated. We had all fixtures installed within a day," Fry stated. "This was important because we needed the new entrance to be finished in time for Homecoming, which only gave us two days to get the fixtures up and running. The new lights create a safe and inviting environment for our students and visitors." EverLast® induction fixtures utilize a 5000K lamp, offer a 100,000 hour lamp life, reduce energy costs by up to 70%, and come with a 10-year warranty. Additionally, they are virtually maintenance-free due to the extended life of the induction lamp.

EverLast® induction fixtures have been installed by universities throughout the United States. Other campuses that have installed EverLast® induction fixtures include: the University of Michigan, University of California - Davis, Irvine, and Santa Barbara campuses, and Mansfield University.

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

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).*

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."

*http://www.ens-newswire.com/ens/oct2009/2009-10-22-093.asp

CRIPPEN AUTO MALL

Crippen Auto Mall Replaces 1,000w Metal Halides with EverLast® 250w Induction Shoe Box Fixtures

Car dealership owners incur high monthly utility bills partially due to the importance of keeping their inventory well-lit all night long. Successful car dealerships are located in areas that generate a large volume of traffic, such as major intersections and off freeways. According to the National Automobile Dealers Association (NADA), U.S. dealerships use about 18 percent more energy per square foot than a typical office building.*

When Jeff Crippen, owner of Crippen Auto Mall in Lansing, Michigan, received an energy analysis from Hovey Electric, he decided it was time to swap out his 1,000w metal halides with EverLast® 250w induction shoe box fixtures. "We've calculated the energy savings to be right around $13,000 annually," stated Dave VanTol, Energy Savings Consultant for Hovey Electric. "The new EverLast fixtures will pay for themselves in a little more than a year, and then it's strictly savings for the dealership over the next 10-12 years."

With a virtually maintenance free 100,000 hour lamp life rating, EverLast® Induction shoe box fixtures can last up to 15 years without needing a lamp replacement. "One of the deciding factors in choosing EverLast induction technology was the lack of maintenance needed," VanTol stated. "The new lamps will last at least five times longer than the previous metal halides."

EverLast® induction fixtures utilize a 5000K lamp with a high CRI (color rendering index), making objects and colors appear more vivid, which is a necessity for dealership owners who are trying to promote their products. "The light distribution produced by the new fixtures is great. There are four fixtures mounted to each 25' pole and we've got them tilted at a 45° angle to better highlight the dealership's inventory," VanTol said. "Mr. Crippen and his sales staff couldn't be happier with the lights."

EverLast® induction fixtures have been installed by car dealerships throughout the United States, notably Mount Kisco Volvo, NY; Volvo of Danbury, NY; Palisades Volkswagon, Nyack, NY; and Suburban Ford of Sterling Heights, MI. "Hovey Electric is utilizing the Crippen project to show other dealership owners how to keep more of their profits by showing them that there are better options to 400w and 1,000w metal halide lighting," VanTol concluded.

*http://www.touchstoneenergy.com/efficiency/bea/Documents/AutoDealerships.pdf