



www.GetGreenLighting.com
Induction Lighting Provider
(614) 556-7118

Dim-on-off®

Induction Parking Lot Lighting Saves Cash!!

Energy efficient replacement solutions for Parking Lot fixtures (pole lights) were virtually non existent until recently. Induction lighting has been a great alternative to HID lighting for years. The popularity of this technology has been slowly growing in the United States primarily on the west coast, but you still don't see this technology used much for outdoor area lighting. Parking lot lighting and Induction lamps are a great fit, providing quality lighting while cutting energy consumption.

For example, using Induction lamps to illuminate Car Dealerships has wonderful benefits not only energy savings. The high Color Rendering Index of the Induction lamp enhances the colors of the products on display. Then you need to consider the long life (100,000hr) that dramatically reduces maintenance, this is of great value for applications where buckets trucks are often needed for re-lamping. The life span of one Induction lamp will replace five HID lamp changes.

Most companies that use outdoor lighting such as pole mounted HID fixtures do not operate on a 24 hour schedule. So this creates another question. What can we do to reduce the consumption of these fixtures after business hours when only security lighting is needed? Back to our Car Dealership example, after business hours cars are no longer being sold creating a very wasteful and inefficient lighting system no matter what technology is being utilized. There exists a great solution to this problem. Induction Shoe Box fixtures are available with dual 150 & 200 watt lamps and ballast. The lamps in this fixture can be controlled independently making it the most versatile Shoe Box fixture on the market. When wired through an astronomical time clock, half of this light can be shut off after business hours when the only lighting needed is for security. During night time business hours the light would operate at 300 watts, then after business hours the light can be reduced to 150 watts greatly increasing the energy savings and not compromising security.

For existing systems where re-wiring to provide a second feed to control each light is not a possibility, wireless or line voltage relays can be used.. These relays are able to receive a signal via wireless or existing power feed conductors which will turn off half the fixture at a predetermined time. The DimOnOff control panel contains an astronomical time clock which controls the relays and automatically adjusting for day light savings.

Reducing outdoor lighting consumption will have a huge impact on your bottom line creating positive cash flow with a quick return on your investment.

-Michael Hale. www.GetGreenLighting.com