



**Get Green Lighting**  
Energy Efficient Lighting Provider  
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## What's Burning In Your Parking Lot?

Inefficient exterior lighting is causing you to lose thousands of dollars each year due to the high consumption and long operating hours of these fixtures. HID fixtures such as Metal Halides and High Pressure Sodium has been used for years to effectively light outdoor spaces, but are they the most efficient way to get this job done?

Today's "Greener World" is beginning to demand much more from its lighting sources. They are expected to be both effective and energy efficient while not compromising security. This can be achieved thanks to advancement in LED & Induction Technologies. Let's take a brief look at this lighting source.



### The History and Science of Induction Lighting.

The basic Technology for Induction lamps is not particularly new. Essentially, an induction lamp is an electrodeless fluorescent. Without electrodes, the lamp relies on the fundamental principles of electromagnetic induction and gas discharge to create light. The elimination of filaments and electrodes result in a lamp of unmatched life. Lasting 100,000 hours or 25 years, this system can outlast 100 incandescent, five HID, or five typical fluorescent lamp changes.

Based on these well known principles light can be generated via gas discharge through simple magnetism. Electromagnetic transformers, which consist of rings with metal coils, create an electromagnetic field around a gas tube which contains gas, using a high frequency that is generated by an electronic ballast. Until recently, it has not been so commercially viable. New developments have broken down the barriers of Technological setbacks, such as EMC interference, lumen depreciation, ability to dim and a useful range of voltages.

### Induction Lighting Solutions

Induction fixture replacements and retrofits have dramatically increased within the last (2) years. This sharp increase has been attributed to the cost and ineffectiveness of higher wattage LED fixtures. LED's do work great in some applications but they have yet to effectively replace the higher wattage HID fixtures in large open spaces.

The 400 and 1,000 watt replacement solutions are better left to Induction Technology to get the job done. 400w Induction fixtures are now available that will replace 1,000 watt HID fixtures in parking lots and interior spaces. This solution will reduce your 1,095 (input) watt Parking Lot lighting down to 430 watts! An added bonus is the increased lighting quality delivered at 85 or higher CRI. This makes color more brilliant and defined. Induction lighting is "instant on" needing no re-strike time which enables the use of sensors to immediately deliver light when needed. The long 60,000-100,000hr life will drastically reduce the need for costly bucket truck service to replace lamps outlast and HID by 4 to 5 times.



WDI 400W Induction Fixture

Let us show you how, contact Get Green Lighting today and visit our website. Our professionals will help you select the Induction product that best fits your needs.

-Michael Hale [www.GetGreenLighting.com](http://www.GetGreenLighting.com)