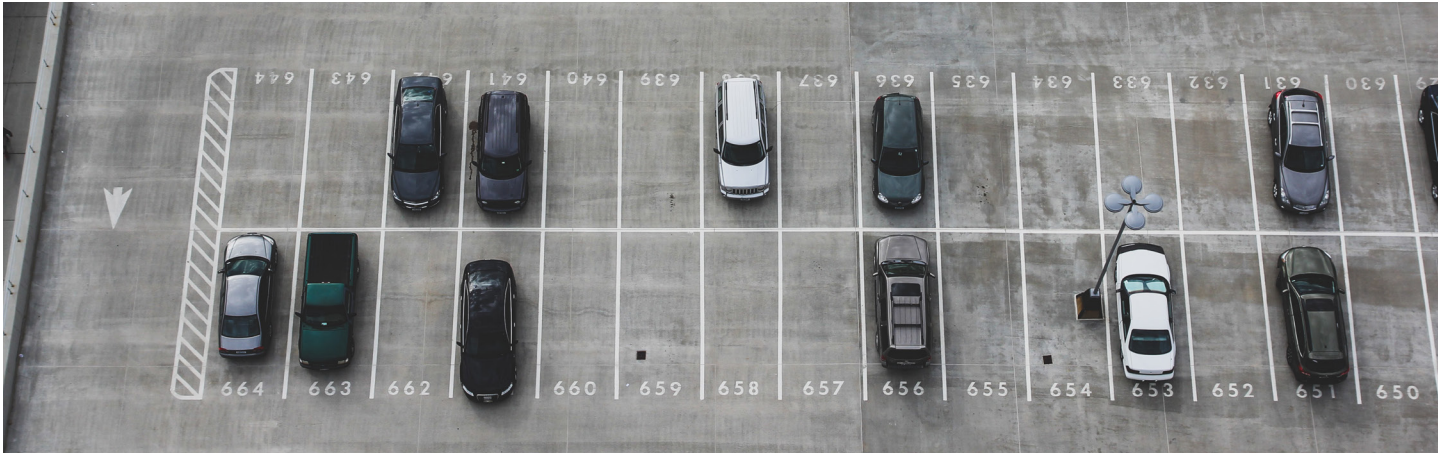


WHAT'S BURNING IN YOUR PARKING LOT?



Inefficient exterior lighting could be 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 Technologies. Let's take a brief look at this lighting source.

The History of LED Lighting.

Rubin Braunstein that worked at Radio Corporation of America, reported in 1955 that some simple diodes emit infrared light when connected to a current. In 1961, Gary Pittman and Bob Biard from Texas Instruments found that that gallium-arsenide diode emits infrared light every time it is connected to current. The same year they received patent for infrared LED. Nick Holonyak Jr., employed at General Electric, developed in 1962 first light-emitting diode that emitted light in the visible part of the frequency range. It was a red LED. --Source: History of Led Lighting.net

LED stands for light emitting diode. LED lighting products produce light approximately 90% more efficiently than incandescent light bulbs. How do they work? An

electrical current passes through a microchip, which illuminates the tiny light sources we call LEDs and the result is visible light. To prevent performance issues, the heat LEDs produce is absorbed into a heat sink.

--Source: Energy Star

LED Lighting Solutions

LED fixture replacements and retrofits have dramatically increased within the last (2) years. This sharp increase has been attributed to the reduction in cost, substantial utility company rebates nationwide and advancements in LED diode technology.

LED fixtures and retrofits are now available that will replace 1,000 watt HID fixtures in parking lots and interior spaces. This solution will reduce your 1,085 (input) watt Parking Lot lighting down to 300-400 watts! An added bonus is the increased lighting quality delivered at 85 or higher CRI. This makes color more brilliant and defined. LED 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, LED outlast HID fixture by 4 to 5 times.

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