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Electrical Energy Saving-LED Lighting Intelligence Release

For year's now **low power** LED's have been used as indicators to let you know that your TV, VCR or computer is on, if something was charging, etc. Now, due to scientific technical advancements, **high power** LED's are capable of producing light levels even brighter and more efficient than light bulbs!

LEDs use *science to produce light rather than heat!* LEDs consume up to 80% less electricity than light bulbs. Traditional light bulbs are very inefficient converting 90% of the electricity to heat and only about 10% to light. It's a very expensive way to heat a building! LEDs convert about 90% of the electricity to light and last about fifty times longer than light bulbs! This is a scientific advancement not to be underestimated.

LED Light Technology founders have more than 25 years experience in the General Lighting and LED Lighting industries. As lighting professionals we know how best to retrofit your existing lighting system to save energy, reduce air conditioning loads and eliminate changing light bulbs and ballasts for many years.

Here is one office building scenario. The office has fluorescent fixtures that each consume about 80 watts of electricity and produce about 40 foot candles of light at the desktop. This system requires continual bulb and ballast changes. Converting this office space to our LED retrofit system will result in the following savings for the building owner over

10 years:

Lighting Electrical Energy Savings	\$5,695,145
Maintenance Savings	\$15,390,000
Air Conditioning Electrical Savings	<u>\$3,796,763</u>
Total Savings	\$24,881,908

The combined savings in energy, maintenance and air conditioning generates enormous life cycle cost savings with initial cost payback realized within 24 months. Our retrofit system will use 63% less energy and raise the light levels to those recommended by the IES... Illuminating Engineering Society.

A typical parking structure with 1,000 fixtures converted to LED fixtures has an Internal Rate of Return of about 148%, payback within 13 months and cost savings over \$2,000,000!

Let the experts at LED Light Technology survey your facility and prepare a no cost, no obligation proposal and we will help you see the way into the new future of LED lighting.

And, the LEDs are made in the USA!