

CASE STUDY



Elk Horn, Wisconsin

This national packaging solutions company cut consumption at its Elkhorn Wisconsin facility by converting to high efficiency LED lighting throughout its clean rooms, production, warehouse and office areas, including all exterior lighting across its campus.



Savings Analysis:

Annual kWh Savings	729,623
Annual System Savings	\$105,065.76
Combined Incentives	\$112,096.00
Return on Investment	30 months
10 Year Energy Savings.....	\$1,050,650.00

Benefit Analysis:

- LED Fixtures Carry 10-Year Warranty
- >120,000-Hour Lifespan Rating
- Occupancy Sensing by Wireless Control System
- Enhanced Color Temperature and Light Quality
- Improved Uniformity and Distribution of Light
- Increased Rated Product Life by a Factor of Seven
- Elimination of Maintenance and Relamping Cycles

Annual Environmental Impact*:

- 1,094,435 pounds of Carbon Dioxide (CO2)
- 1,824,058 grams of Sulfur Dioxide (SO2)
- 4,231,815 grams of Nitrogen Oxide (N2O)
- Planting 134 acres of trees each year
- Removing 103 cars from the road each year
- Saving 66,329 gallons of gas each year

* Source: Environmental Protection Agency

Energy Management Services:

- Turnkey Lighting Upgrades ✓
- Building Automation Systems ✓
- Rebate Administration ✓
- Project Management ✓
- EPAct Certification ✓
- Solar ✓
- Power Quality ✓

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