



Case Study: National garden supply & pet supply retailer

Market

Supply and Pet Retailer

Location

Council Bluffs, IA

Project Type

LED Lighting Upgrade



Utility Rebates Received
\$54,612



Reduction in Energy Consumption
66%



Total Project Cost
\$199,223



Annual Energy Savings
\$37,116



Total Life Cycle Savings
\$647,072



179d Federal Tax Deduction
\$150,000



Return on Investment
2 years

Our Client

Our client is a leading innovator, marketer, and producer of quality branded products for the lawn & garden and pet supplies markets. They focus on providing consumers with high-quality, innovative products that simplify and beautify outdoor living spaces and, create fun and healthy interaction with pets.

Project Overview

Our client had a desire to reduce operating expenses by upgrading to energy efficient LED lighting as well as improve light levels on the manufacturing floor and corporate offices to provide a safer and healthier workplace environment.

Verde's Solution

Verde Solutions, LLC replaced and/or retrofitted over 1,000 lighting fixtures throughout the manufacturing and office spaces. This included motion sensors on the high bay fixtures in the manufacturing area, LED Linear lamps in the offices and lower wattage exterior lighting. All leading to a reduction of operating expenses and a brighter, safer, happier place to work.

The most unique aspect of this project was the client's utilization of the EPA 2005 179d Federal tax deduction which enabled our client to take an accelerated depreciation tax deduction on the lighting equipment equaling nearly \$150,000.00 in total deductions. With a reduction in energy cost associated to lighting exceeding 60% compared their old lighting system, combined with the tax deduction and over \$50,000.00 in utility provided rebates and incentives the net payback period on the project came in at under 2 years.