

High Efficiency Lighting Project

TOP SHELF
INTEGRATED SOLUTIONS



Customer: High-precision, Custom Engineered Gears & Parts

Improving Quality of Light

*Sales · Parts · Rental · Service
Leasing · Fleet Management*

KEY SAVINGS POINT

*Over \$1,600,000 in lifetime fixture energy savings! Over \$58,000 in utility rebates.
Dramatic improvement in the quantity and quality of light in each facility.*

Executive Summary

Top Shelf consulted with the client to reduce utility expense, carbon footprint and maintenance costs while improving quality and quantity of light in all five of their manufacturing facilities.

Challenges

The client needed over 700 lighting fixtures retrofitted/converted to new T12 fixtures and ballasts. The installation work was to be performed during off-peak hours.

Solution

Top Shelf turn-keyed a complete, high efficiency lighting project for Schafer Industries in five Midwest locations: Rockford, IL, South Bend, IN, Fort Wayne, IN, Fredericktown, OH, Blacklick, OH. Top Shelf replaced, retrofitted and converted 715 high intensity discharge metal halides and T12 fixtures in these facilities.

The Result, Return on Investment and Future Plans

Over \$1,600,000 in lifetime fixture energy savings! Over \$58,000 in utility rebates. Dramatic improvement in the quantity and quality of light in each facility. kWh savings equal to planting 203.5 acres of trees and removing 717.1 tons of CO2 annually.

"This is the single best project we have ever done in this facility in my 34 years here."

– Plant Manager



Before New Fixtures Installed



After Installation: Better Color Renderings & Increased Foot Candles