

LOCATION

Roseville, Michigan

HIGHLIGHTS

- 77% Reduction in Electrical Usage
- 25% Increase in Exterior Light Levels
- Reduced Insect Infestation Issues



OUR CLIENT

Jeffrey Automotive Group

Exterior LED Upgrade

Thermo Source has been the preferred Energy Efficient Lighting partner for Jeffrey Automotive since 2006. Prior to implementing LED Lighting for the Exterior parking lots, Thermo Source had previously upgraded the interior of the facility from T12 Fluorescent and Metal Halide to T8 Fluorescent. Jeffrey Automotive was content with the light levels of their lot, but tasked Thermo Source with providing a solution that at least maintained the current light levels, but saved the maximum amount of energy consumption possible.

OVERCOMING THE CHALLENGES

Jeffrey Automotive's parking lot layout and environmental challenges created a few obstacles to overcome:

- Provide comparable, or better, light levels than 1,000 Watt Metal Halide
- Maneuver around large inventory of parked cars for sale
- Reduce impact of insect infestation occurring during summer months

DRIVING RESULTS

The Thermo Source Team developed a program that met all the unique requirements of the parking lot in a cost-effective manner.

- Identified and procured DLC-Rated materials with no UV, which provided a high quality installation and natural deterrent for problematic insects
- Improved exterior light levels and visibility of cars for sale
- Completed the installation in 1 week with coordinated movement around cars for sale
- Secured 0% Interest financing for 3-years
- Generated immediate positive cash flow
- Received nearly \$17,000 in Utility Rebates

"We recently upgraded our exterior lighting to LED and will soon convert our interior lighting. Thermo Source has always exceeded our expectations and we look forward to our continued relationship!"

- Eric Frehsee
General Manager
Jeffrey Automotive