

Denver Auto Mart



LED Exterior/Interior Retrofit

The Challenge

Denver Auto Mart is one of Denver's premier auto dealers with a reputation of putting customers first. Their existing lighting was becoming a maintenance nightmare with many lights in the lot out for long periods of time. The Interior lighting was originally designed for a rental car facility and was not optimized for car sales. The goal was to drastically improve light levels and quality while reducing energy use and maintenance.

The Solution

LED Supply Co. provided an innovative optimized package using Cree LED fixtures. Cree's industry leading efficiency and 10 year warranty guaranteed maintenance free operation and maximized energy reduction. Utilizing Cree's 90 CRI True White technology in the car lot provided efficiency while improving the vivid color rendering on the vehicles promoting increased sales.

Green Impact

Denver Auto Mart will achieve an estimated 61% reduction in Greenhouse Gas Emissions by implementing this Lighting Efficiency Project.

- Planting 23 Acres of Trees
- Reducing GHG Emissions by 263,524 lbs.
- Removing 32 Cars from the Road



Annual Energy Savings: \$13,745

Denver Auto Mart is estimated to achieve a 61% reduction in their annual energy costs alone. Upgrading both interior and exterior fixtures to energy efficient LEDs improved quality of light and light levels throughout the facility while achieving large energy reductions.



Annual Displaced Energy: 171,817 kWh

This project has achieved a remarkable reduction of 61% energy usage annually. The optimized lighting package balanced energy savings with increased quality of light and intensity.



Xcel Energy Rebates: \$15,346

Using LED fixtures which achieve 100 Lumens per watt and utilizing both the Custom and Prescriptive rebate programs from Xcel Energy.



BEFORE



AFTER