

# TRW Automotive

Farmington Hills, Michigan

TRW Automotive Electronics completes an energy-effective lighting project with MTI Lighting Specialists.

In November, 2002, MTI Lighting Specialists implemented a professionally engineered lighting study and completed a lighting project for TRW Automotive Electronics, Farmington Hills, Michigan.

## Lighting Upgrade Project Deliver Savings and Value For Automotive Supplier

TRW Automotive Electronics needed to find ways to make their building more efficient, upgrade their outdated lighting system and avoid frequent lamp and ballast failure. By completing this professionally engineered lighting project, TRW Automotive Electronics will have a savings of \$55,898.22 annually.



## MTI CASE STUDY

TRW Automotive Electronics  
Farmington Hills, Michigan

Over a Ten Year Period, the TRW Farmington Hills location will save over \$558,000. That's Not Bad, for an Energy Bill.

### Cleaning the Environment...

Energy-Effective Lighting and Pollution Prevention

At the TRW Automotive Electronics Facility, their energy-effective retrofit means that they will remove 13.3 cars permanently from the road / plant 27.3 acres of trees.

It will also remove:

- 199,500 pounds of CO<sub>2</sub> prevented per year
- 26,000 ounces of SO<sub>2</sub> prevented per year
- 11,970 ounces of NO<sub>x</sub> prevented per year

A GREAT IMPROVEMENT FOR OUR ENVIRONMENT!



D	Total Number of Retrofits.....	1,339
	Annual Energy Cost Savings Due to Reduced Lamp Wattage.....	\$47,420.46
	Annual HVAC Energy Savings Due to Reduced Lamp Heat.....	\$8,207.76
E	Annual Maintenance Cost Savings Due to Reduced Lamp Changes.....	\$270.00
	Total Annual Cost Savings.....	\$55,898.22
T	Monthly Energy Cost Savings Total.....	\$4,658.19
	*Return on Investment.....	27.17 months
A	Projected 10 Year Energy Cost Savings.....	\$558,982.23
	Average Utility Cost per kWh.....	\$0.063
I	Total Kilowatt Reduction.....	133
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**-WE SUCCEEDED BY HELPING TRW AUTOMOTIVE ELECTRONICS ACCOMPLISH THEIR GOALS-**