



Lighting Upgrade
Case Study

Manufacturing Lighting Upgrade Project

Customer Needs

- Save Energy
- Maintain or Improve Light Levels
- Reduce Maintenance Costs

Facility Specifications:

- 140,000 Square Feet
- Production, Warehouse & Offices
- \$.086/kWh Average Energy Cost
- 24/7 Operating Hours

Lighting Solutions:

- Replace 400W Metal Halide Hi-Bays w/ 6-Lamp T8 Fluorescent Hi-Bays
- Retrofit & Replace all T12 Fluorescent Fixtures w/ T8 lamp and electronic ballast technology
- Utilize Occupancy Sensors



48%

*Energy
Savings*

533

*Tonnes CO₂
Reduction*

\$75K

*Rebate & Tax
Deduction Value*

71%

*Return on
Investment*

60%

*Light Level
Improvement*

After



*Fortune 500 manufacturer
of Electrical Components*