

Tennessee Technical Coatings Corporation



OVERVIEW

Tennessee Technical Coatings Corporation of Lewisburg, Tennessee was looking to lower lighting costs and substantially increasing the level of illumination inside and outside their facility. Further, their goal was to improve safety and productivity in the plant, reduce errors, enhance exterior security lighting levels and increase illumination in the offices.

CHALLENGE

- Cut energy consumption by 60+%
- Cut maintenance expense by 90%
- Improve plant operating floor lighting
- Enhance safety, quality control & productivity in the plant
- Increase lighting levels in the parking lot and loading dock



SOLUTION

- Complete LED retrofit and replacement.
- Install cutting edge, high bay fixtures in showroom.
- Replace high wattage/maintenance Metal Halide with efficient LED fixtures
- Install LED exterior wall pack and area lights w/photocell sensors

RESULT

- Energy consumption reduced by 73.6%
- Maintenance expense reduced by 100%
- Dramatically improved lighting in the plant/storage areas increasing safety
- Improved lighting illumination and clarity in the office area
- Increased illumination in loading dock

The Helios Energy Impact

Increased safety and employee morale

10-year energy savings –
\$74,472

10-year maintenance savings –
\$23,787

Total 10-year savings –
\$98,259

73.6% reduction in CO2! Equivalent to removing **11.1** cars from the road per year, or not burning **5,891** gallons of gas!