

# Williamson County Farmer's Cooperative



## OVERVIEW

The Williamson County Farmer's Cooperative location in Fairview, Tennessee was looking to lower lighting energy costs and eliminate associated maintenance expenses. Further, their goal was to improve safety in their warehouse, raise the exterior security lighting levels, increase illumination in the showroom, enhance customer experience and eliminate UV fading damage to clothing merchandise.

## CHALLENGE

- Cut energy consumption by 60+%
- Cut maintenance expense by 90%
- Improve showroom illumination
- Enhance safety in the warehouse/storage areas
- Increase lighting levels in the parking lot and loading dock



## SOLUTION

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

## RESULT

- Energy consumption reduced by 67%
- Maintenance expense reduced by 95%
- Dramatically improved lighting in the warehouse increasing safety
- Upgraded fixtures in the showroom that enhance customer experience
- Increased illumination in loading dock

## The Helios Energy Impact

Increased safety and employee morale

10-year energy savings –  
**\$50,910**

10-year maintenance savings –  
**\$26,355**

Total 10-year savings –  
**\$77,265**

**67%** reduction in CO2! Equivalent to removing **7.6** cars from the road per year, or not burning **4,028** gallons of gas!