

Brentwood Rentals



OVERVIEW

Brentwood Rentals of Brentwood, Tennessee was seeking to replace old, under performing lights and fixtures with new LED technology. Existing lighting was high-wattage and high-maintenance and they sought to reduce energy and associated maintenance costs while improving light level, safety and productivity.

CHALLENGE

- Cut energy consumption by 60%
- Cut maintenance expense by 90%
- Improve illumination levels
- Upgrade the appearance of light fixtures
- Increase productivity and morale
- Improve safety and reduce errors



SOLUTION

- Replaced high wattage fluorescent high-bays with LED fixtures
- Replaced high wattage fluorescent strip fixtures in work and storage areas
- Added fixtures in work areas to increase visibility and safety
- Selected fixtures to enhance image of the maintenance facility

RESULT

- Energy consumption reduced by 68%
- Maintenance expense reduced by 95%
- Increased illumination by 220% in the main shop area and 550% at work benches
- Immediate improvement of employee morale

The Helios Energy Impact

Increased safety and employee morale

10-year energy savings –
\$16,810

10-year maintenance savings –
\$2,570

Total 10-year savings –
\$19,380

23,281 lbs. of CO2 saved – equivalent to **2** cars from the road per year, or not burning 1,188 gallons of gas!