

Industrial Lighting Solutions: *The Right Light*SM in Diverse Industrial Applications

*What do a tissue manufacturing plant and a truck repair and maintenance shop have in common? Both of these facilities collaborated with NYSERDA's Commercial Lighting Business Partners Program to use **The Right Light**SM—an effective approach for choosing the best lighting solution.*

High-Output T-5 Linear Fluorescents for Irving Tissue Warehouse Area

BACKGROUND

Irving Tissue needed to reduce energy costs and glare while improving employee safety. Commercial Lighting Program (CLP) Business Partner Askco Electrical Supply Company determined that more efficient lighting was required to replace the existing high-pressure-sodium system and light the manufacturer's 15,000-square-foot warehouse area from 24-foot-high ceilings at their Fort Edward facility.

PROJECT RECOMMENDATIONS

Askco supplied new, three-lamp T-5HO linear fluorescent high-bay fixtures to control glare and provide more comfortable white light and high color rendering ability.

RESULTS & BENEFITS

Employees can now work in greater comfort and have an easier time reading the fine print on labels. Askco was able to demonstrate the long-term cost-effectiveness of the new system, using the CLP Life Cycle Cost Tool. Compared to a typical warehouse area, Irving will save over \$17,000 per year in energy costs.





R.J. Valente Transport Taken to Task

BACKGROUND

After moving to a 5,600-square-foot building, R.J. Valente Transport quickly realized that existing T-12HO strip fixtures could not deliver light efficiently. They required lighting with minimal glare and good color rendering in order to perform detailed vehicle work.

PROJECT RECOMMENDATIONS

NYSERDA CLP Business Partner LaCorte Companies determined that four-lamp, T-8 linear fluorescent high-bay fixtures could distribute enough light on the floor for mechanics to complete tasks like finding missing screws or matching color-coded wires.

RESULTS & BENEFITS

Employees notice the brighter light and can now perform tasks more accurately and efficiently. LaCorte's solution combined good vertical light levels, good color rendering, low glare and energy-efficient fixtures. R.J. Valente Transport will now realize savings of over \$5,000 per year on their electric bills.

