

Case Study for:  
**Stamford Public Schools**  
Stamford, Connecticut



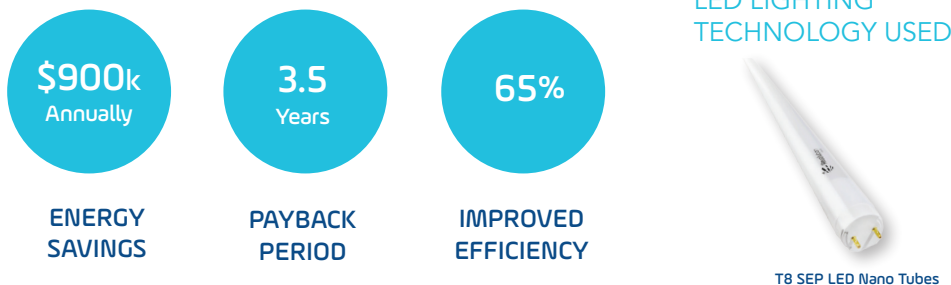
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Education

## Case Study: Stamford Public Schools

“We are very capital-constrained, so it is important to me to find projects where we can invest capital where there is a positive return. This is an example of this. The Energy Improvement District (EID) project will save us money, provide better lighting, and reduce our carbon footprint. It’s a win-win-win.”

- Stamford Mayor David Martin



PRODUCT BENEFITS		
<p><b>OPERATIONAL</b></p> <ul style="list-style-type: none"> <li>▪ 3X greater lamp life than fluorescent, supported by industry-leading 10-year warranty</li> <li>▪ 70,000 hour lamp life reduces long-term maintenance costs</li> <li>▪ Instant on, no warm-up time</li> </ul>	<p><b>SAFETY</b></p> <ul style="list-style-type: none"> <li>▪ No glass</li> <li>▪ Negligible light depreciation over time</li> <li>▪ Superior light output</li> </ul>	<p><b>SUSTAINABILITY</b></p> <ul style="list-style-type: none"> <li>▪ Lack of UV or IR minimizes concerns with fading or discoloration</li> <li>▪ Mercury-free, allowing for non-hazardous disposal</li> <li>▪ 100% recyclable</li> </ul>

### OPPORTUNITY

Reducing energy costs remains one of the top priorities for public schools systems and municipalities. The City of Stamford, Conn., and Stamford Public Schools researched how they could make energy savings a top priority and decided to replace the existing fluorescent lighting in many of the school buildings as well as the Government Center with new energy-efficient LED lighting. According to the Department of Energy, lighting is the second largest source of energy use in K-12 schools, behind only space heating and cooling. With that statistic, the city and the school district knew this was a win-win situation and took action.

### SOLUTION

Revolution Lighting’s operating division, Tri-State LED, helped to secure the project, working closely with ConEdison Solutions, the project’s installer. The project involves replacing existing fluorescent lighting in the Government Center and 15 Stamford Public Schools buildings with Revolution Lighting’s high performance LED tubes. These LED solutions deliver superior efficiency to reduce lighting energy use by more than 65%, while increasing light output for enhanced safety and higher quality learning environments for students. So far, five schools have been completed, resulting in improved lighting levels, a significant reduction in energy usage, as well as lowered maintenance costs due to the much longer lamp life of the LED tubes. Upon completion, the LED retrofit project is projected to save the City and Board of Education close to \$900,000 in annual lighting energy costs.