

Case Study for:  
**Connecticut Convention Center**  
Hartford, Connecticut



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Hospitality & Retail

## Case Study: Connecticut Convention Center

“Through the installation of Revolution Lighting’s LED solutions, the Connecticut Convention Center has seen noticeable reductions in their energy use and costs, resulting in HVAC and maintenance cost savings as well.”

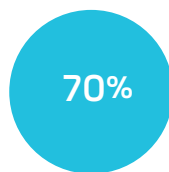
- Mike Costelli, General Manager, Connecticut Convention Center



**ENERGY SAVINGS**



**PAYBACK PERIOD**



**IMPROVED EFFICIENCY**

### LED LIGHTING TECHNOLOGY USED



T8 SEP LED Tubes

### PRODUCT BENEFITS

#### OPERATIONAL

- 3X greater lamp life than fluorescent, supported by industry-leading 10-year warranty
- 70,000 hour lamp life reduces long-term maintenance costs
- Instant on, no warm-up time

#### SAFETY

- No glass
- Negligible light depreciation over time
- Superior light output

#### SUSTAINABILITY

- Lack of UV or IR minimizes concerns with fading or discoloration
- Mercury-free, allowing for non-hazardous disposal
- 100% recyclable

### OPPORTUNITY

The Connecticut Convention Center is the Northeast’s premier location for trade shows, recreational events, conventions and business meetings. Located in downtown Hartford, the Center is operated by the Capital Region Development Authority and its professional on-site management team, the Waterford Venue Services, who continue to deliver award winning services to all visiting groups and individuals.

Management teams explored new opportunities to improve energy efficiency, targeting key interior lighting, including fluorescent luminaires, metal halide high bay fixtures, and incandescent and halogen lamps. Exterior areas also presented opportunities with existing metal halide and high-pressure sodium wall packs, flood lights and landscape light fixtures.

### SOLUTION

The Waterford Venue Services partnered with Revolution Lighting’s division, Tri-State LED, to evaluate and provide market-leading LED solutions to replace existing antiquated lighting technologies. The retrofit scope remains one of the largest single energy efficiency retrofit projects throughout Connecticut, reducing energy use by more than two megawatt hours to save \$510K annually.

Revolution Lighting’s LED solutions, including T8 Single-End-Power LED tubes, were selected to replace 3,500 fluorescent lamps, and over 900 high-efficiency 200 watt high bay interior fixtures were installed. Reducing energy use by 70%, Revolution Lighting’s solutions also improve long term maintenance costs through industry leading warranties and lamp life exceeding 70,000 hours.