

Case Study for:  
**Iona College**  
New Rochelle, New York



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Education

## Case Study: Iona College

“We are pleased to work with professional groups such as Revolution Lighting, utilizing their extensive industry knowledge, and understanding of lighting technology to deliver the best solutions that maximize Iona’s results.”

- Mark Murphy, Director of Facilities, Iona College



**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

Iona College, a private university located in New Rochelle, New York, began seeking ways to become more energy efficient, focusing on overall campus lighting in order to manage energy costs. Throughout the campus, including garage facilities, exterior pathway and area lighting, lamp posts, gym facilities and interior classroom and hallways utilized more antiquated forms of lighting including fluorescent T8 and T12 lamps and metal halide fixtures. Structuring the program as a multi-phased approach, facilities management decided to begin with an on-site parking facility that would allow for direct measurement in order to see the impact of LED lighting, while allowing for reinvestment of efficiency savings into additional LED opportunities throughout the campus.

### SOLUTION

Revolution Lighting’s T8 Single-End-Power LED tubes were selected by Iona College to replace the existing T8 fluorescent lamps operating 24/7 within its on-site parking facility. Through direct measurement, Iona College’s facility management team concluded the retrofit would reduce energy use by 56% and energy demand by 61%. This success led to additional retrofit opportunities including residence halls, gymnasium and a cafeteria. All exterior light poles were retrofit with high-efficiency/high-output LED lamps to ensure greater illumination and safety throughout its walkable campus. The combined LED retrofits will save \$165K annually, while providing superior light quality and output through the use of our LED tubes that offer an industry-leading 10-year warranty and lamp life of 70,000 hours. Our exclusive all-plastic single-end-power tubes provide a convenient and durable direct-wired solution, requiring no ballast, resulting in a low-maintenance and high-efficiency lighting solution.