

## University Lighting Energy Savings

### Iona College

715 North Ave  
New Rochelle, NY 10801



#### Project Description

With more than 3,500 students across its multiple campuses and the majority located at its main New Rochelle, NY, facility, Iona College's operating expenses are continually pushed by the demands of students and faculty. The lighting systems at the New Rochelle campus consisted of antiquated T12 lamps and manual controls that represented a significant burden on the organization's bottom line. Green Light came in to fix the problem.

Green Light installed state-of-the-art T8 lamps, occupancy sensor lighting controls, and LED exterior lighting throughout the campus. In addition to lowering the facilities' energy bills, the burden on the maintenance staff was also reduced because the new lamps last longer. Green Light secured a rebate for Iona College that paid for the majority of the project cost and enabled them to realize a return on investment in less than 1 year.



#### Results

Annual Utility Bill Savings	<b>\$140,000</b>
Project Rebate	<b>\$130,131</b>
Annual Energy Savings [kWh]	<b>784,156</b>
Annual CO2 Emissions Removed [lbs]	<b>1,219,732</b>
Annual CO2 Emissions Removed in Terms of Equivalent Trees Planted	<b>14,186</b>
Annual CO2 Emissions Removed in Terms of Cars Removed from the Road	<b>115</b>
Annual CO2 Emissions Removed in Terms of Homes Removed from the Grid	<b>27.6</b>