



CASE STUDY

Emium Lighting Generates Significant Energy Savings and Return

OBJECTIVE

This Chicagoland high school has upgraded their lighting in their interior spaces and the campus parking lot to LED. Their main goal was to save energy resources, reduce maintenance, and operating costs while providing their students and staff with superior lighting to accomplish their daily tasks.

SOLUTION

Emium Lighting conducted several site surveys in order to determine the best replacement choices to optimize the customer's savings while honoring the customer's end goal. After determining the customer's eligibility in the ComEd Standard Incentive Program, Emium's Incentive Coordinator worked along side the sales rep to maximize the customer's savings.

PROJECT PHOTOS



SAVINGS OVERVIEW

Estimated Annual Operating Cost Savings:

\$211,535.29

Return on Investment:

8 Months

Estimated Annual Energy Savings:

1,580,165 kWh

ENVIROMENTAL IMPACT

1,580,165 kWh savings is equivalent to 2,468,814 pounds of Carbon Dioxide (CO2)

This is equivalent to carbon sequestered by:

- 18,517 tree seedlings grown for 10 years
- 1,325 acres of U.S. forests in one year

This is equivalent to CO2 emissions from:

- 136,219,723 smartphones charged
- 1,238,996 pounds of coal burned

This is equivalent to greenhouse gas emissions avoided by:

- 42,443 incandescent lamps switched to LEDs
- 387 tons of waste recycled instead of landfilled

This is equivalent to greenhouse gas emissions from:

2,779,661 miles driven by an average gasoline-powered passenger vehicle

Contact info@emium.com or your local sales rep to get started on your next project today!

