



# ASTM International

## LED Garage Light Conversion



### The Problem

ASTM International was looking to utilize LED Garage lighting at their corporate headquarters. They wanted to achieve a reduction in energy consumption and maintenance costs, as well as increase the foot candles provided by the parking garage lighting



### The Solution

175 watt metal halide fixtures replaced with 73 watt LED Canopy Lights



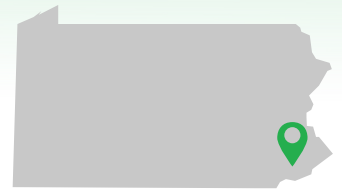
### The Results

- kWh Reduction – 67,684 kWh
- Lighting Energy Cost Reduction - \$6,546
- Annual Maintenance Cost Reduction - \$5,242
- Rebate Eligibility – \$3,030
- Greenhouse Gas Reduction – 86,336lbs
- Total Fixtures Replaced - 101



## View The Results

Below are images of Garage LED Lighting results. The existing fixtures were replaced 1-for-1 with the LED Fixtures. The increase in foot candles and improvement in CCT from the led retrofit is clear.



## Before & After Images



### Location

Conshohocken, PA

### Savings

58% Energy Reduction

\$90,962 Maintenance