



Upper Chichester Township

LED Gym Lighting Conversion



The Problem

Our customer was looking for a way to reduce energy and maintenance costs at their community recreation center. The existing Metal Halide fixtures were operating 7 days a week and were becoming very expensive to maintain. Their lack of durability resulting from common activities associated with Gymnasium lighting resulted in significant maintenance costs.



The Solution

- 400w Metal Halide highbays replaced with 143w LED Fixtures
- Project Management on the Installation



The Results

- Kwh Reduction - 196,312
- Lighting Energy Reduction Percentage - 70%
- Annual Maintenance Cost Reduction - \$7,011
- Rebate Eligibility - \$2,160
- Greenhouse Gas Reduction - 258,733 lbs
- Total Fixtures Replaced - 90
- Projected ROI - 25 Months



Before & After Pictures



View The Results

Below is a series of pictures of the Gymnasium where you can see the visual impact of the before and after images of LED highbay conversion. Stouch Lighting helped to increase visibility for Upper Chichester Township while reducing their energy costs.



Before



After



Location

Upper Chichester, PA

Savings

70% Energy Reduction

Fixtures Replaced

90 Fixtures