



R.J. Waters & Associates

F&N Shopping Center - Parking Lot Conversion



The Problem

R.J. Waters & Associates was looking to reduce the energy consumption for the exterior lighting at F&N Shopping Center. In addition to the high cost of running the lights, they were also looking to improve the lighting environment for their customers by increasing light levels in the parking lot.



The Solution

- 1000w MH Parking Lot Lights replaced with 223w LED fixtures.
- Improved lighting quality by increasing Color Temperature (CCT) of lighting from 4000K to 5500K.
- Reduced Light Trespass by utilizing appropriate light distribution patterns.
- Increased average foot-candles to 1.66 throughout the parking lot



The Results

- Energy Reduction: 79% Reduction over existing lighting energy consumption.
- KWH Reduction: 63,812 Kwh Reduction
- Total Fixtures Replaced: 17



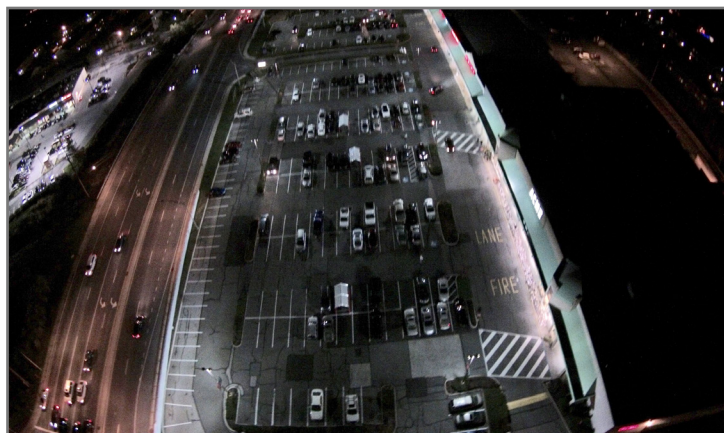
After Pictures



View The Results

Below is a series of pictures of the R.J. Waters & Associates F&N Shopping Center LED Parking Lot Conversion where you can see the visual impact in the photos. Stouch Lighting helped to significantly reduce energy costs while also increasing the quality of light within the parking lot.

After



Location

Wilmington, DE

Savings

79% Energy Reduction

Fixtures Replaced

17 Fixtures