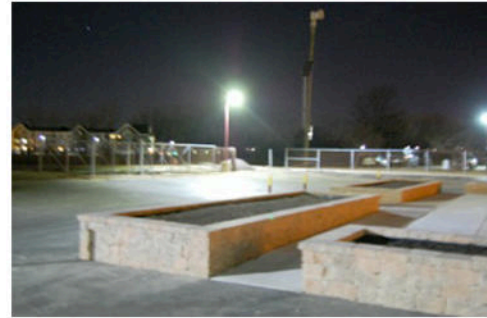




Solution Delivered

Previous Fixtures	LED Retrofit Kits	Improvement
16 canopy fixtures 250W HPS 320 input watts	16 LED-G2-4 kits 72 input watts	248 watts saved each 3,968 total watts saved 77% savings
8 can recessed fixtures 76W HPS 88 input watts	8 LED-G2-1 19 input watts	69 watts saved each 552 total watts saved 76% savings
Energy Cost Before Retrofit \$2,197	Energy Cost After Retrofit \$464	Annual Savings 79% \$1,733



Problem:

The Village of Lake Zurich, IL purchased an old US Postal Office building to convert to a new community center. The village administrators approved a complete remodeling of the facility including outdoor lighting in parking area, entryways, and perimeter to increase safety.

Solution:

The existing pole fixtures were 250W high pressure sodium, swapped with LED retrofits

Results:

The overall appearance of the new facility now looks like even more renovations occurred due to the bright, attractive presence of the nighttime profile. The village saved more than 30% on the cost of retrofits rather than new fixtures. Ongoing operational savings are more than 4,000 W, a 79% savings.

"The new LED retrofit kits are a huge improvement...the parking lot had dark spots in the center, but now these are completely illuminated. The new LED kits throw a much wider light angle and cover more area.

"The building walls were also completely dark, and now totally illuminated, as is the entryway, which should enhance overall safety and security. We estimate the light output has been more than doubled while saving electrical consumption by more than 75%."

-- T.J.Meyer, VP of Service Plus, electrical contractor and installer for The Village of Lake Zurich.

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