



### OVERVIEW

Corner Mart was seeking an energy solution partner for a retrofit of the interior and exterior high-energy, high-cost of use fluorescent and metal halide fixtures. Additionally, they were seeking to increase illumination over the fuel pumps and around the building's exterior. They sought to reduce energy and maintenance costs, while simultaneously improving the aesthetic appeal, lighting illumination levels and the security posture for patrons and employees.

### CHALLENGE

- Cut energy consumption by 60%
- Cut maintenance expense by 75%
- Improve illumination
- Increase foot traffic & retail sales
- Elevates security and safety posture



### SOLUTION

- Complete LED replacement of all high-wattage, low-light producing exterior metal halide fixtures
- Upgrade of all high-wattage fluorescent interior fixtures to LED flat panels
- Replacement of high-wattage fluorescent beverage cooler lights
- Lighting in the interior common spaces, facility exterior and parking area
- Conversion of exterior accent, cove lighting to highly efficient LED lamps

### RESULT

- Energy consumption reduced by 71%
- Maintenance expense reduced by 95%
- Dramatically improved lighting of the interior shopping area
- Increased illumination over exterior gas pumps

## The Helios Energy Impact

Dramatic increase in light levels in the retail area and beverage coolers!

Significant improvement to the safety and security posture inside the facility!

Noticeable safety and security improvements in the gas and diesel pump station areas!

Increased foot traffic and retail sales!

Improved employee morale!

10-year total savings – **\$40,000**

**49,943.4** of CO<sub>2</sub> saved -- equivalent to removing **4.8** cars from the road, or not burning **2547.4** gallons of gas yearly!