



Some factors to consider when assessing your priorities are:

Safety Hazards, Poorly Lit & High/Costly Maintenance Areas

- Upgrading areas where maintenance or energy costs are excessive, or lighting is poor and may create safety hazards
- Replacing existing fixtures with LED lighting in these locations will significantly reduce energy costs, improve visibility, safety & reduce maintenance

Outdoor Lighting

- Outdoor lighting is an area where significant gains can be made in reducing energy and high maintenance costs
- Improving light levels and colour of lighting
- Directing light where it is needed
- Reducing light trespass onto unwanted areas

Highbay/High Wattage Indoor Lighting

- Typical metal halide (MH) or high-pressure sodium (HPS) highbay fixtures consume 1000's of watts and have an average life of 10,000 – 20,000 hours. MH & HPS retrofits yield some of the highest energy and maintenance savings.
- Converting HPS lighting to LED fixtures will produce even more dramatic results in perceived light levels due to the improved quality of the brighter, white light source. Replacement with LED products can result in a 50-70% reduction in energy use with improved light levels & a life of 50,000 – 100,000 hours.
- Our lighting designer will work with you to build the lighting solution that meets the needs of the space. New lighting layouts often prove to be a more efficient use of space and reduce energy consumption even more.

Existing Fluorescent Lights & Areas in Need of Relamping

- The phase out of T12 and T8 fluorescent lamps and ballasts will require the conversion to LED fixtures or LED lamps.
- There are several energy efficient LED products available today that our lighting team is able to provide to reuse existing fixture and upgrade to LED, or to convert all the way to an LED fixture.

Controls & Daylighting

- The implementation of a lighting management & daylighting strategy can improve the results of your energy saving initiatives even further
- Lighting controls range from simple dimmers to full building lighting management systems
- Implementation of a daylighting strategy with daylight sensors and/or other daylighting products is also another factor to consider when installing a control system