



## SPORTSLITER SOLUTIONS MAINTENANCE MANUAL

### Verify that the power is off.

The lens and reflector should be cleaned on a regular schedule (once a year or at more often intervals based on local conditions). Output efficiency will be retained only if properly maintained.

1. Clean the lens with a non-abrasive cloth and mild soap or detergent. Use care not to chip the glass.
2. The reflector, if needed, should only be cleaned with clear water and a clean cloth. **CAUTION;** do not apply any cleaning agent with strong alkaline or acid cleaners.
3. Lamp replacement should occur after 1500 hours of operation or as they burn out.
4. Ballast and capacitor replacement should occur as failures occur.

### • **Annual tests;**

#### • **Poles;**

- Check to see that poles aren't leaning.
- Check the pole for any signs of deterioration such as corrosion.
- Check bolts and fittings for tightness.
  - Check all metal parts for signs of corrosion.
- Check to see that pole wiring covers are in place.
- Check all cables and conduits.
  - Pull on conduit to check for looseness.\*
  - Check for loose fittings and damaged conduits.

#### • **Luminaires;**

- Check fixture housings for signs of water leakage or cracking.
- Check lens ring assembly for tightness and any deterioration.
- Replace broken lenses.
- Replace burned out lamps.

#### • **Remote ballast enclosures;**

- Check ballast for signs of blackening.
- Check capacitors for signs of bulging.
- Check ground wire connections for secure fit.\*
- Check wiring for any signs of wire insulation deterioration.
- Check aiming alignment of all fixtures.
- Replace burned out fuses

#### • **Three point Ground Rod Resistance Test\***

- Per the American electricians Handbook procedure.

\*These tests and or repairs require the services of a qualified electrician. It is recommended that testing procedures for grounding be in accordance with local, state or national code.