

Optional LED Fountain Lighting Specifications

This specification is written and intended to provide bidders the necessary information pertaining to the floating aerating fountain(s) or surface aerator (s) for the _____ project.

1. OPTIONAL LIGHTING INFORMATION

- a. The Optional Lighting Package shall be 12 Volt, Model L140050 with a single ring of 42 LED lights and built-in low voltage transformer.
- b. The SJTOW underwater rated power cable shall be 50 feet, 16 gauge, 3 conductor cable.

Optional LED Fountain Lighting Detailed Specifications

1. OPTIONAL LIGHTING PACKAGES

- 1.1. **Fixture:** The lighting fixture shall include a single LED light ring which has 42 potted, amber colored LED lights. The light fixture shall fit into the molded float/light mounting indent and attach to the float using the Series 300 stainless steel hardware to attach the unit to the float.
- 1.2. **Underwater Power Cable:** The power cable shall be SJTOW UL, CSA, and NEC approved underwater rated, 3 conductor cable with a molded NEMA 5-15P plug. The power cable shall be 50', 16 AWG.
- 1.3. **Low Voltage Transformer:** The low voltage transformer shall be built into the power cord to transform 120 volt line voltage into 12 volt power to operate the lights. The low voltage transformer shall be sealed and weatherproof if mounted correctly per Owner's Manual instructions.

2. SAFETY INFORMATION

- 2.1. The unit shall be total component tested and approved as a complete assembly. Individual component testing is not allowed. The aerating fountain must be tested by ETL, ETL-C, CE, UL, or other accredited testing facility.
- 2.2. The unit shall be tested as a complete unit and must meet UL (Underwriters Laboratories, Inc.) requirements in compliance with Category 778 for Motor-Operated Water Pumps and compliance with Category 50 for the Electrical Equipment (control panel). Lights must be approved as a package with the fountain unit.

3. WARRANTY INFORMATION

- 3.1. The unit shall include a 2 year manufacture's repair warranty on all components, including electrical control panel. Unauthorized tampering will void the warranty.

4. ACCEPTABLE MANUFACTURER

- 4.1. The unit shall be a KASCO L140 Model manufactured by Kasco Marine, Inc., 800 Deere Rd., Prescott, WI U.S.A 54021. 715-262-4488. www.KascoMarine.com.

5. INSTALLATION

- 5.1. **Unit:** The lights shall be installed per instructions included in the Owner's Manual with each unit. The unit may be anchored or moored in place. The unit is designed as a complete package and to be used with the included electrical control panel. Any alterations or substitutions, unless allowed by the instructions in the Owner's Manual will void the ETL Listing, void the manufacturer's warranty, and may cause a dangerous situation. Read the Owner's Manual thoroughly before starting the installation process and follow them carefully.