

# FOUNTAIN GLO™ LED LIGHTING SPECIFICATIONS

**LIGHTS:** The aerator or fountain shall include a low voltage (12 volt) LED lighting system consisting of 2, 4, 6, 8, 12 or 16 lights.

No. Lights Per System: \_\_ 2 \_\_ 4 \_\_ 6 \_\_ 8 \_\_ 12 \_\_ 16

**HOUSING:** The light housing shall be of a submersible type molded of high temperature poly sulfone thermoplastic.

**LAMPS:** The lamps shall be a 6.5 watt MR16 LED lamp. Available in either \_\_ Bright White (5700K) or \_\_ Warm White (3000K); this bulb is RoHS compliant.

**SEALS:** The watertight seal shall incorporate a molded silicon "O" ring.

**ELECTRICAL CONNECTORS:** LED light systems include cable quick disconnect feature. The quick disconnect shall consist of a male receptacle with a threaded nylon shell and a molded female cable connector with neoprene coupling nut. The male and female connectors shall be keyed to provide proper alignment when mated and provide an environmentally sealed electrical connection to exceed NEMA 6P/IEC IP68 ratings. The connector system shall be ETL and UL approved.

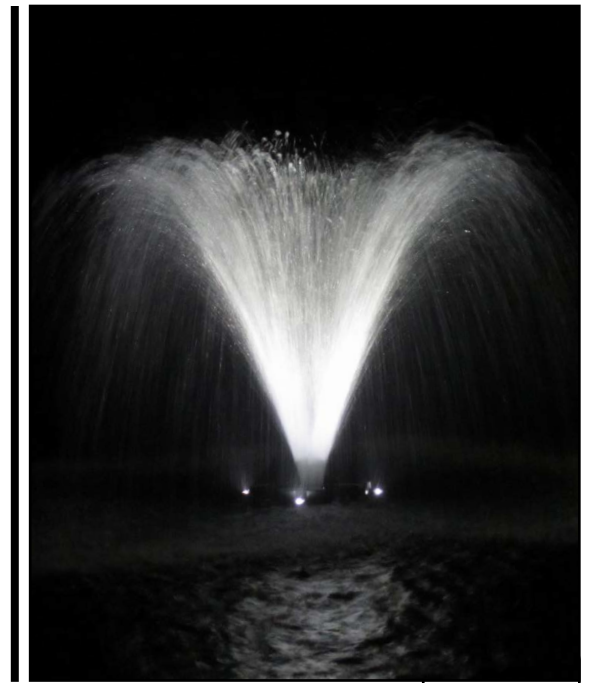
**UNDERWATER POWER CABLE:** The power cable shall be type SJOOW specifically designed for underwater use. The conductors shall be flexible, stranded copper in 16 or 12 gauge, insulated to resist moisture, cracking, and softening. The outer jacket of the cable shall be a black CPE material.

**LIGHT CONTROLS:** The electrical system for LED light systems shall include GFCI (Ground Fault Circuit Interrupter) protection, 24hr timer, and DC Power Supply rated to 100W and UL508 approved. The light control components shall be mounted in a fiberglass enclosure. Exception: 50Hz markets may not receive all controls.

**TESTING:** The lighting system shall comply with UL standard UL1838.

**WARRANTY:** The warranty shall be three years.

**ACCEPTABLE MANUFACTURER:** This light set shall be an OTTERBINE® Fountain Glo™ LED Low Voltage Light Set with \_\_\_ Lights. manufactured by OTTERBINE BAREBO, INC., 3840 MAIN ROAD EAST, EMMAUS, PA 18049 U.S.A. PH: (610) 965-6018. WEB: www.otterbine.com



www.otterbine.com/led



## LED Lighting Specifications & Maximum Cable Lengths

Lights (6.5W)	2*	2	4	6	8**	12**	16**
Amp Draw	.15	.18	.35	.53	.70	1.06	1.44
Output Electrical Rating	12VDC	15VDC					
Lamp Wattage (Total)	13	13	26	39	52	78	104
16/2 Cable Maximum Length	150ft (46m)	650ft (198m)	325ft (99m)	225ft (69m)	325ft (99m)	225ft (69m)	325ft (99m)
12/3 Cable Maximum Length	300ft (91m)	1000 ft (305m)	700ft (213m)	525ft (160m)	700ft (213m)	525ft (160m)	700ft (213m)

Lamp Options (Lumens)	2	4	6	8**	12**	16**
Bright White (5700K)	970	1,940	2,910	3,880	5,820	7,760
Warm White (3000K)	700	1,400	2,100	2,800	4,200	5,600

\*Used on 1/2HP. \*\*Requires two cable runs.

If longer cable runs are needed, contact the factory.

System operates off 115V in 60Hz and 220V in 50Hz. 50Hz amp draw will be half of what is listed in charts.

