

FOUNTAIN GLO™ PAR 64 LIGHT SPECIFICATIONS

LIGHTS - The aerator/fountain shall include a submersible lighting system consisting of two light fixtures. The lights shall be able to be attached to the outside perimeter of the float and naval brass bezel. The uppermost surface of the light fixture must be 1in (2.5cm) below the water surface during operation, with a minimum operating depth of 3ft (1m.)

HOUSING: The light housings shall be nickel-plated copper with a clamping ring and bezel/rock guard of naval brass, with stainless steel hardware.

BULBS: The light bulbs shall be 1000 watt halogen type, producing 19,400 lumens per light, with a bulb life of 4000 hours operating on 110-120 volt 60Hz power.

SEAL: The watertight seal on the light fixture shall incorporate a molded silicone gasket.

JUNCTION BOX: The light junction box at the aerator/fountain shall be made of deep drawn stainless steel and glass filled polyester thermoplastic conforming to UL 94 flammability standard, and a mount to attach to aerator/fountain unit.

UNDERWATER POWER CABLE: The power cable supplying the light set shall be SOOW and marked water-resistant. The power cable supplying each light fixture from the light junction box shall be SJOOW AWG 12/3 and marked water-resistant. The outer jacket of the cable shall be a black CPE material.

SYSTEM: The system shall include a 24-hour timer and GFCI. A thermal cut-off located in the light fixture shall prevent overheating, with an electrical interlock relay to prevent lights from being energized when the aerator/fountain is not in operation.

TESTING: The light set shall be safety tested and approved by ETL, ETL-C or other accredited testing facility.

ACCEPTABLE MANUFACTURER: The light set shall be an Otterbine Fountain Glo™ Par 64 light set manufactured by OTTERBINE/BAREBO, INC. 3840 MAIN RD EAST, EMMAUS PA. 18049 U.S.A. PH: (610) 965-6018. www.otterbine.com

WARRANTY: The lighting system shall include a limited one year warranty.

TECHNICAL DATA: 2-Light Par 64 System

Lights Per Set	Amp Draw*	Lamp Wattage	Lumens (Total Candlepower)	8 Gauge max**	6 Gauge max**	4 Gauge max**
2	17.6	2000W	38800	200ft (61m)	325ft (99m)	525ft (160m)

*Each 1000W fixture has an amperage draw of 8.8 and 19400 lumens. Total amperage is calculated by multiplying the amperage draw by the number of light fixtures.

** Max cable lengths are from feed panel to junction box.

For reference purposes only, voltage may vary due to voltage, elevation and relative humidity.

