

FOUNTAIN GLO™ HIGH VOLTAGE LIGHT SPECIFICATIONS

LIGHTS - The aerator shall include a submersible lighting system consisting of _____ light fixtures. The lights shall be able to be attached to the outside perimeter of the float and naval brass bracket. The uppermost surface of the light fixture must be 2 inches below the water surface during operation.

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

BULBS: The light bulbs shall be 250 watt or 500 watt halogen type, operating on 110-120 volt 50/60 Hz power.

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

JUNCTION BOX: The light junction box at the aerator shall be made of deep drawn stainless steel and naval brass.

UNDERWATER POWER CABLE: The power cable supplying the light set shall be SOOW AWG 12/3 and marked water-resistant. The power cable supplying each light fixture from the light junction box shall be SOOW AWG 16/3 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.

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

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



HIGH VOLTAGE LIGHT SPECIFICATIONS						
Lights per Set	Lamp Wattage*	Total Amps	Max Cable Run @ 115V			
			12/3	10/3	8/3	
High Voltage Light Sets for 1 - 10 Horsepower Units						
2	250W	4.4	350 ft	525 ft	840 ft	
2	500W	8.8	175 ft	260 ft	420 ft	
3	250W	6.6	250 ft	350 ft	560 ft	
3	500W	13.2	110 ft	180 ft	280 ft	
4	250W	8.8	175 ft	260 ft	420 ft	
5	250W	11	150 ft	210 ft	335 ft	
*Approximate lumens for 250W is 5,000 lumens per light and for 500W lights it's equivalent to 10,450 lumens per light.						
High Voltage Light Sets for Giant Fountain Applications						
Lights per Set (500W)	# of Power Cords/ Junction Boxes	Amps per Power Cord	Total Amps	Max Cable Run @ 115V per Power Cord		
				8/3	6/3	4/3
4	1	17.6	17.6	210 ft	330 ft	510 ft
6	2	13.2	26.4	280 ft	440 ft	675 ft
8	2	17.6	35.2	210 ft	330 ft	510 ft
12	3	17.6	52.8	210 ft	330 ft	510 ft
*Approx. lumens will be 10,450 lumens per 500W light (ex. (2) 500W lights = 20,900						

