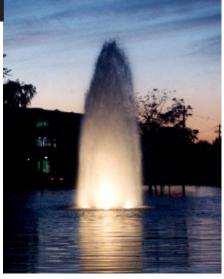
FOUNTAIN GLO[™] HIGH VOLTAGE LIGHT SPECIFICATIONS

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

R : The	HIGH VOLTAGE LIGHT SPECIFICATIONS							
in Glo™	Lights	Lamp	Tota	I M	Max Cable Run @ 115V			
ed by	per Set	Wattage*	Amp	s 12	2/3	10/3	8/3	
AIN RD U.S.A.	High Voltage Light Sets for 1 - 10 Horsepower Units							
com	2	250W	4.4			25 ft	840 ft	
	2	500W	8.8	17	5 ft 2	260 ft	420 ft	
	3	250W	6.6	25	Oft 3	50 ft	560 ft	
	3	500W	13.2	11	0 ft 1	80 ft	280 ft	
	4	250W	8.8	17	5 ft 2	60 ft	420 ft	
	5	250W	11			10 ft	335 ft	
	*Approximate lumens for 250W is 5,000 lumens per light and for 500W lights it's equivelant to 10,450 lumens per light.							
	High Voltage Light Sets for Giant Fountain Applications							
	Lights	# of Power	Amps	Total	Max	Cable	Run	
	per Set	Cords/	per	Amps		@ 115V per		
	(500W)	Junction	Power			Power Cord		
		Boxes	Cord		8/3	6/3	4/3	
4	4	1	17.6	17.6	210 ft	330 ft	510 ft	
	6	2	13.2	26.4	280 ft	440 ft	675 ft	
AL	8	2	17.6	35.2	210 ft	330 ft	510 ft	
0	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							