

# FOUNTAIN GLO™ LOW VOLTAGE LIGHT SPECIFICATIONS

**LIGHTS:** The aerator shall include a low voltage (12 volt) lighting system consisting of lights.

**HOUSING:** The light housing shall be of a submersible type constructed of Ryton, a high temperature thermal plastic.

**BULBS:** The light bulbs shall be MR16 halogen plastic sealed beams 20 watt or 50 watt halogen plastic sealed beams, with 25 degree spread.

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

**UNDERWATER POWER CABLE:** The power cable supplying the light set shall be AWG 12/3. The outer jacket of the cable shall be a black CPE material.

**SYSTEM:** The system shall include a 115-volt to 12-volt transformer, a 24-hour timer and, on the High Intensity light set a GFCI. The light fixtures shall attach to the perimeter of the aerator float with a stainless steel bracket.

**TESTING:** The light set must 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 Road East, Emmaus PA. 18049 USA. PH: (610) 965-6018. www.otterbine.com



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Lights per Set	Voltage/Watt/Hz	Total Wattage/Candlepower	Amp Draw*	Max. Cable Run (in ft.) (approximate length)
<b>Junction Box Mounted Transformer and 12/3 Power Cable</b>				
2	220/50/50	100/11,400	.45	1000
2	115/50/60	100/11,400	.87	1000
4	220/50/50	200/22,800	.90	1000
4	115/50/60	200/22,800	1.74	825
<b>Shore Mounted Transformer and 12/3 Power Cable**</b>				
2	220/20/50	40/1,400	.2	150
2	115/20/60	40/1,400	.35	150
3	220/20/50	60/2,100	.3	100
3	115/20/60	60/2,100	.52	100
4	220/20/50	80/2,800	.3	50
4	115/20/60	80/2,800	.7	50



\*Amp draw is calculated from primary side (line side) of transformer.  
 \*\*50Hz applications it is recommended you provide your own transformer to convert from 220 volts to 12 volts needed.