NEON TRANSFORMER

TRANSFORMER SIZE SPECIFICATION					NORMAL AVERAGE NUMBER OF FEET OF TUBING OPERATED																					
Input Voltage (Volts)	Open Circuit Secondary Viltage (Volts)	Short Circuit Secondary Current (Ma)	Capacity Volt-Amperes / Normal Power Factor	Approximate Watts Consumption	RED NEON, CLEAR OR FLUORESCENT (ALSO RECOMMENDED FOR NEON FLUORESCENT GOLD) TUBE SIZE, IN MILLIMETERS											MERCURY FILLED TUBE, CLEAR OR FLUORESCENT ALL COLORS, FOR ALL APPLICATIONS TUBE SIZE, IN MILLIMETERS										
					25	**22**	**20**	**18**	**15**	**14**	**13**	**12**	**11**	**10**	**9**	**25**	**22**	**20**	**18**	**15**	**14**	**13**	**12**	**11**	**10**	**9**
220～240	15,000	30	450	220	102	85	78	72	60	54	50	46	43	40	38	120	100	90	80	72	65	60	55	51	48	45
Recommended gas pressure MM/Hg					**6**	**7**	**7 1/2**	**8**	**9**	**10**	**10**	**11**	**12**	**13**	**15**	**6**	**7**	**7 1/2**	**8**	**9**	**10**	**10**	**11**	**12**	**13**	**15**

* Revised based on (1) Average grade of tubing. (2) Correct gas pressure. (3) High Voltage Cable (GTO-15) less than 25 foot per installation. (4) Primary voltage supply at standard fluctuate 5%.

* Deduct approximately one (1) foot from the above figures for each pair of electrodes. Add 10% to the recommended gas pressure measured in MM/Hg when the length of tube is less than ten (10) feet.

* To facilitate the dissipation of heat from a neon transformer by conduction, the mounting surface should be in good contact with another solid surface. Double-nutting will result in reduced service life.

Wiring Diagram: