

Luminous Tube Footage Chart

Transformer Rating			Approximate Number of Feet of Tubing Operated										
Open Circuit Secondary Voltage	Short-Circuit Secondary Current (mA)	Approximate Watts Consumption	Clear or Fluorescent Red Tube (MM)					Clear or Fluorescent Mercury Filled Tube, All Colors (MM)					Open Circuit Secondary Voltage
			18	15	13	12	10	18	15	13	12	10	
15,000V	60	60	72	60	50	46	40	80	72	60	55	48	15,000V
	30	30	72	60	50	46	40	80	72	60	55	48	
12,000V	60	320	55	46	38	35	31	62	55	46	42	37	12,000V
	30	195	55	46	38	35	31	62	55	46	42	37	
10,500V	60	265	48	39	34	31	25	54	48	40	37	30	10,500V
	30	170	48	39	34	31	25	54	48	40	37	30	
9,000V	60	220	40	33	28	26	23	45	40	33	31	28	9,000V
	30	145	40	33	28	26	23	45	40	33	31	28	
7,500V	60	185	28	27	23	22	19	35	33	28	26	23	7,500V
	30	120	28	27	23	22	19	35	33	28	26	23	
6,000V	60	130	24	22	19	18	15	29	27	23	21	18	6,000V
	30	95	24	22	19	18	15	29	27	23	21	18	
5,000V	60	110	20	18	15	14	13	24	22	18	17	15	5,000V
	30	80	20	18	15	14	13	24	22	18	17	15	
4,000V	60	90	17	15	13	12	10	20	18	15	14	12	4,000V
	30	65	17	15	13	12	10	20	18	15	14	12	
3,000V	60	65	11	11	9	8	8	14	13	11	10	9	3,000V
	30	50	11	11	9	8	8	14	13	11	10	9	
Recommended gas pressure mm/Hg			8	9	10	11	13	8	9	10	11	13	

(1) Based on average grade of tubing. (2) All enclosed applications. Exposed and extremely cold climates may require footage be reduced by 10-20%.

Note 1: Deduct approximately 1 foot from above figures for each pair of electrododes.

Note 2: Recommended gas pressure for 10-ft plus lengths. Increase 10% for tube lengths under 10ft.