

# FRANCE

a Scott Fetzer company

2268 Fairview Boulevard • Fairview, Tennessee 37062

## LUMINOUS TUBE FOOTAGE CHART

TRANSFORMER RATING		APPROXIMATE NUMBER OF FEET OF TUBING*																						
Secondary Voltage (volts)	Short Circuit Current (milliamperes)	Clear or Fluorescent Red Neon (Also recommended for Neon Fluorescent Gold)											Clear or Fluorescent Mercury Filled Tubes, All Colors All Enclosed Applications†											Secondary Voltage (volts)
		Tube Size, Millimeters											Tube Size, Millimeters											
		25	22	20	18	15	14	13	12	11	10	9	25	22	20	18	15	14	13	12	11	10	9	
15,000	60	102	85	78	72	60	54	50	45	40	36	32	120	100	90	80	72	64	60	54	48	44	39	15,000
	30	102	85	78	72	60	54	50	45	40	36	32	120	100	90	80	72	64	60	54	48	44	39	
12,000	60	79	67	61	55	45	42	39	35	32	29	26	95	79	70	62	55	50	46	42	38	35	31	12,000
	30	79	67	61	55	45	42	39	35	32	29	26	95	79	70	62	55	50	46	42	38	35	31	
10,500	30	73	62	55	48	39	36	34	31	28	25	22	88	73	63	54	48	43	40	37	33	30	27	10,500
9000	60	67	57	48	40	33	30	29	26	24	21	18	80	67	55	45	40	36	33	31	28	25	22	9000
	30	67	57	48	40	33	30	29	26	24	21	18	80	67	55	45	40	36	33	31	28	25	22	
	20					28	26	24	22	19	18	16					34	31	29	26	23	20	18	
7500	60	51	41	34	28	26	24	22	21	19	17	15	61	48	39	35	31	28	27	25	23	20	18	7500
	30	51	41	34	28	26	24	22	21	19	17	15	61	48	39	35	31	28	27	25	23	20	18	
	20					22	21	20	18	16	15	13					27	25	24	21	19	18	16	
6000	60	40	34	28	23	20	19	18	16	15	13	12	48	40	32	28	24	23	21	19	18	16	14	6000
	30	40	34	28	23	20	19	18	16	15	13	12	48	40	32	28	24	23	21	19	18	16	14	
	20					18	17	16	14	13	11	10					22	20	18	17	15	13	12	
5000	60	33	28	23	19	17	16	15	12	11	10	8	40	33	27	23	20	19	16	15	13	12	10	5000
	30	33	28	23	19	17	16	15	12	11	10	8	40	33	27	23	20	19	16	15	13	12	10	
	20					15	13	13	11	9	8	7					18	16	15	13	12	11	9	
4000	60	27	23	19	16	13	12	11	10	9	8	7	32	27	22	19	16	14	13	12	10	9	8	4000
	30	27	23	19	16	13	12	11	10	9	8	7	32	27	22	19	16	14	13	12	10	9	8	
	20					11	10	10	9	8	7	6					13	12	12	11	9	8	7	
3000	60	17	14	12	11	10	9	9	8	7	6	5	22	18	16	14	12	11	10	9	8	7	6	3000
	30	17	14	12	11	10	9	9	8	7	6	5	22	18	16	14	12	11	10	9	8	7	6	
	20					8	8	7	6	5	4	4					10	9	8	7	6	5	5	
2000	30					7	6	6	5	5	4	4					9	8	8	7	6	5	5	2000
	20					6	5	5	5	4	3	3					7	7	7	6	5	4	4	
Recommended Gas Pressure (mm/Hg)		6	7	7½	8	9	10	10	11	12	13	15	6	7	7½	8	9	10	10	11	12	13	15	

\* Based on average grade of tubing.

† Exposed & extremely cold climates may require that footage to be reduced by 10-20%.

NOTE 1: Deduct approximately 1 foot from above figures for each pair of electrodes.

NOTE 2: Recommended gas pressure for 10-foot-plus lengths. Increase 10% for tube lengths under 10 feet.

NOTE 3: The tube footage chart is a guide. Consult transformer application data in catalogue.

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