

Test10

Test 10 Old GE 40watt ballast with old 40watt T12 Sylvania bulbs

15-2-15

Run 1	1C						
voltage	115.8						
freq	59.9						
Time	0	5	10	15	20	25	60
FC	11	33	43	44	45	46	45
A	0.97	0.9	0.83	0.83	0.82	0.82	0.83
W	86	88	87	87	87	87	87
PF	0.75	0.86	0.92	0.91	0.93	0.93	0.91
TB	0.3	9.6	15.5	19.5	23.5	27	44.3
TA	1.3	1.3	1	1.1	1.2	1.3	0.9

Notes:

1) First thing in the morning, wood stove not burning.

Run 2	6C						
voltage	115.3						
freq	59.9						
T	0	5	10	15	20	25	60
FC	12	45	56	57	56.5	56	56
A	1.03	0.83	0.79	0.79	0.77	0.77	0.77
W	87	88	88	87	87	86	86
PF	0.73	0.91	0.95	0.95	0.97	0.97	0.96
TB	1.4	9.6	15.6	20.3	24.1	27.6	45.3
TA	2.9	4.9	6.2	6.9	7.3	7.2	8

Notes:

1) Wood stove was lit just before run2

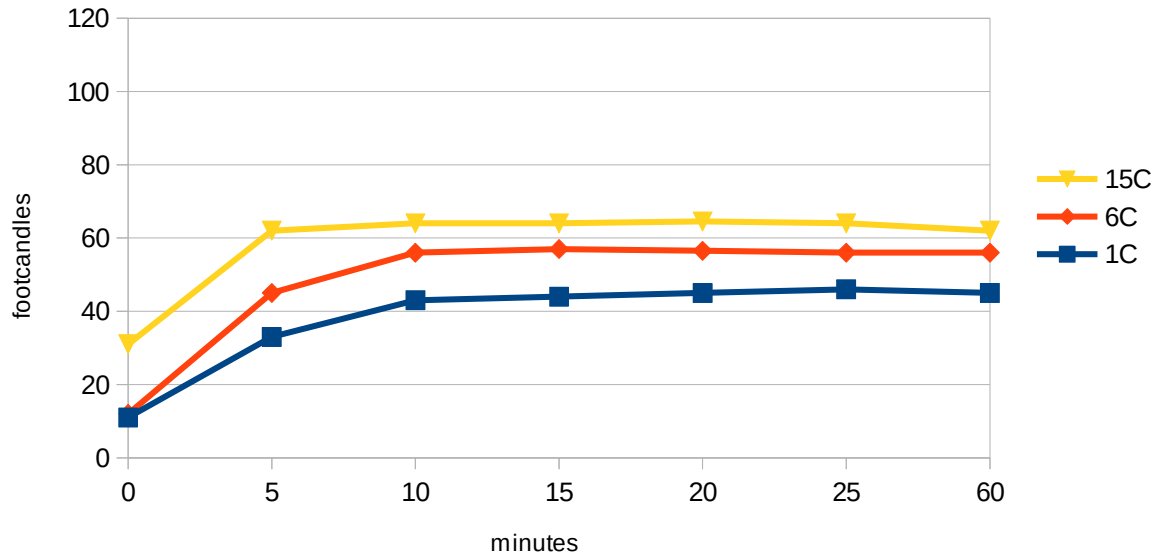
Run 3	15C						
voltage	116.6						
T	0	5	10	15	20	25	60
FC	31	62	64	64	64.5	64	62
A	0.93	0.77	0.76	0.76	0.76	0.76	0.76
W	88	87	86	86	86	86	84
PF	0.83	0.96	0.97	0.97	0.97	0.97	0.97
TB	13	19.8	25.2	29.5	33.4	36.5	51.6
TA	13.3	14.6	15.1	15.4	15.6	16	15.3

Notes:

1) Wood stove had been running for a few hours

Effect of ambient temperature on light output

Old 40 watt GE ballast w old 40 watt T12 tubes



Temperature of GE 40 watt ballast

