

## Appendix C: Tables of Background Lighting Levels

Table 1: Background lighting levels and television viewing hours in 10 Lux intervals

Interval	All Times		Night Time		Day Time	
	Hours	Percentage	Hours	Percentage	Hours	Percentage
0-10 lux	1186.08	40.87%	794.67	59.10%	391.42	25.13%
10-20 lux	444.08	15.30%	222.08	16.52%	222.00	14.25%
20-30 lux	258.08	8.89%	91.58	6.81%	166.50	10.69%
30-40 lux	270.50	9.32%	130.67	9.72%	139.83	8.98%
40-50 lux	148.08	5.10%	41.17	3.06%	106.92	6.86%
50-60 lux	74.92	2.58%	13.83	1.03%	61.08	3.92%
60-70 lux	72.67	2.50%	11.25	0.84%	58.00	3.72%
70-80 lux	50.67	1.75%	5.92	0.44%	44.75	2.87%
80-90 lux	33.50	1.15%	0.92	0.07%	32.58	2.09%
90-100 lux	30.33	1.05%	1.67	0.12%	28.50	1.83%
100-110 lux	28.75	0.99%	6.33	0.47%	22.42	1.44%
110-120 lux	26.33	0.91%	6.00	0.45%	20.33	1.31%
120-130 lux	17.08	0.59%	0.42	0.03%	16.67	1.07%
130-140 lux	17.17	0.59%	0.67	0.05%	16.50	1.06%
140-150 lux	16.75	0.58%	0.33	0.02%	16.42	1.05%
150-160 lux	15.67	0.54%	0.08	0.01%	15.58	1.00%
160-170 lux	13.00	0.45%	0.25	0.02%	12.75	0.82%
170-180 lux	9.33	0.32%	0.33	0.02%	9.00	0.58%
180-190 lux	13.17	0.45%	0.17	0.01%	13.00	0.83%
190-200 lux	12.92	0.45%	0.25	0.02%	12.67	0.81%
200-210 lux	11.83	0.41%	0.17	0.01%	11.67	0.75%
210-220 lux	10.92	0.38%	0.25	0.02%	10.67	0.68%
220-230 lux	11.75	0.40%	0.75	0.06%	11.00	0.71%
230-240 lux	11.75	0.40%	0.42	0.03%	11.33	0.73%
240-250 lux	12.08	0.42%	0.42	0.03%	11.67	0.75%
250-260 lux	13.92	0.48%	0.25	0.02%	13.67	0.88%
260-270 lux	9.08	0.31%	0.50	0.04%	8.58	0.55%
270-280 lux	4.25	0.15%	0.17	0.01%	4.08	0.26%
280-290 lux	3.92	0.13%	0.08	0.01%	3.83	0.25%
290-300 lux	4.67	0.16%	0.25	0.02%	4.42	0.28%
Above 300 lux	69.00	2.38%	9.08	0.68%	59.92	3.85%
Total Illuminance	2902.25		1344.50		1557.75	

Table 2: Background lighting levels and television viewing hours in 2.5 Lux intervals

Interval	All Times		Night Time		Day Time	
	Hours	Percentage	Hours	Percentage	Hours	Percentage
0 lux	4.83	0.17%	4.17	0.31%	0.67	0.04%
0-2.5 lux	549.83	18.95%	428.00	31.83%	121.83	7.82%
2.5-5 lux	204.25	7.04%	100.42	7.47%	103.83	6.67%
5-7.5 lux	190.42	6.56%	111.92	8.32%	78.50	5.04%
7.5-10 lux	236.75	8.16%	150.17	11.17%	86.58	5.56%
10-12.5 lux	155.25	5.35%	87.92	6.54%	67.33	4.32%
12.5-15 lux	101.33	3.49%	45.42	3.38%	55.92	3.59%
15-17.5 lux	95.83	3.30%	50.42	3.75%	45.42	2.92%
17.5-20 lux	91.67	3.16%	38.33	2.85%	53.33	3.42%
20-22.5 lux	63.67	2.19%	23.00	1.71%	40.67	2.61%
22.5-25 lux	69.50	2.39%	26.83	2.00%	42.67	2.74%
25-27.5 lux	68.58	2.36%	26.67	1.98%	41.92	2.69%
27.5-30 lux	56.33	1.94%	15.08	1.12%	41.25	2.65%
30-32.5 lux	100.17	3.45%	54.17	4.03%	46.00	2.95%
32.5-35 lux	65.33	2.25%	25.25	1.88%	40.08	2.57%
35-37.5 lux	57.83	1.99%	33.08	2.46%	24.75	1.59%
37.5-40 lux	47.17	1.63%	18.17	1.35%	29.00	1.86%
40-42.5 lux	39.42	1.36%	9.92	0.74%	29.50	1.89%
42.5-45 lux	39.00	1.34%	12.33	0.92%	26.67	1.71%
45-47.5 lux	43.33	1.49%	14.33	1.07%	29.00	1.86%
47.5-50 lux	26.33	0.91%	4.58	0.34%	21.75	1.40%
50-52.5 lux	22.00	0.76%	6.25	0.46%	15.75	1.01%
52.5-55 lux	18.25	0.63%	3.17	0.24%	15.08	0.97%
55-57.5 lux	18.50	0.64%	1.92	0.14%	16.58	1.06%
57.5-60 lux	16.17	0.56%	2.50	0.19%	13.67	0.88%
60-62.5 lux	16.67	0.57%	1.58	0.12%	15.08	0.97%
62.5-65 lux	16.67	0.57%	1.83	0.14%	14.83	0.95%
65-67.5 lux	19.00	0.65%	5.33	0.40%	13.67	0.88%
67.5-70 lux	20.33	0.70%	5.92	0.44%	14.42	0.93%
70-72.5 lux	14.67	0.51%	3.17	0.24%	11.50	0.74%
72.5-75 lux	14.08	0.49%	1.50	0.11%	12.58	0.81%
75-77.5 lux	10.42	0.36%	0.83	0.06%	9.58	0.62%
77.5-80 lux	11.50	0.40%	0.42	0.03%	11.08	0.71%
80-82.5 lux	9.92	0.34%	0.17	0.01%	9.75	0.63%
82.5-85 lux	8.08	0.28%	0.33	0.02%	7.75	0.50%
85-87.5 lux	7.75	0.27%	0.08	0.01%	7.67	0.49%

87.5-90 lux	7.75	0.27%	0.33	0.02%	7.42	0.48%
90-92.5 lux	8.42	0.29%	0.67	0.05%	7.75	0.50%
92.5-95 lux	7.67	0.26%	0.50	0.04%	7.17	0.46%
95-97.5 lux	6.83	0.24%	0.17	0.01%	6.67	0.43%
97.5-100 lux	7.42	0.26%	0.50	0.04%	6.92	0.44%
100-110 lux	28.75	0.99%	6.33	0.47%	22.42	1.44%
110-120 lux	26.33	0.91%	6.00	0.45%	20.33	1.31%
120-130 lux	17.08	0.59%	0.42	0.03%	16.67	1.07%
130-140 lux	17.17	0.59%	0.67	0.05%	16.50	1.06%
140-150 lux	16.75	0.58%	0.33	0.02%	16.42	1.05%
150-160 lux	15.67	0.54%	0.08	0.01%	15.58	1.00%
160-170 lux	13.00	0.45%	0.25	0.02%	12.75	0.82%
170-180 lux	9.33	0.32%	0.33	0.02%	9.00	0.58%
180-190 lux	13.17	0.45%	0.17	0.01%	13.00	0.83%
190-200 lux	12.92	0.45%	0.25	0.02%	12.67	0.81%
200-210 lux	11.83	0.41%	0.17	0.01%	11.67	0.75%
210-220 lux	10.92	0.38%	0.25	0.02%	10.67	0.68%
220-230 lux	11.75	0.40%	0.75	0.06%	11.00	0.71%
230-240 lux	11.75	0.40%	0.42	0.03%	11.33	0.73%
240-250 lux	12.08	0.42%	0.42	0.03%	11.67	0.75%
250-260 lux	13.92	0.48%	0.25	0.02%	13.67	0.88%
260-270 lux	9.08	0.31%	0.50	0.04%	8.58	0.55%
270-280 lux	4.25	0.15%	0.17	0.01%	4.08	0.26%
280-290 lux	3.92	0.13%	0.08	0.01%	3.83	0.25%
290-300 lux	4.67	0.16%	0.25	0.02%	4.42	0.28%
Over 300 lux	69.00	2.38%	9.08	0.68%	59.92	3.85%
	2902.25		1344.50		1557.75	