

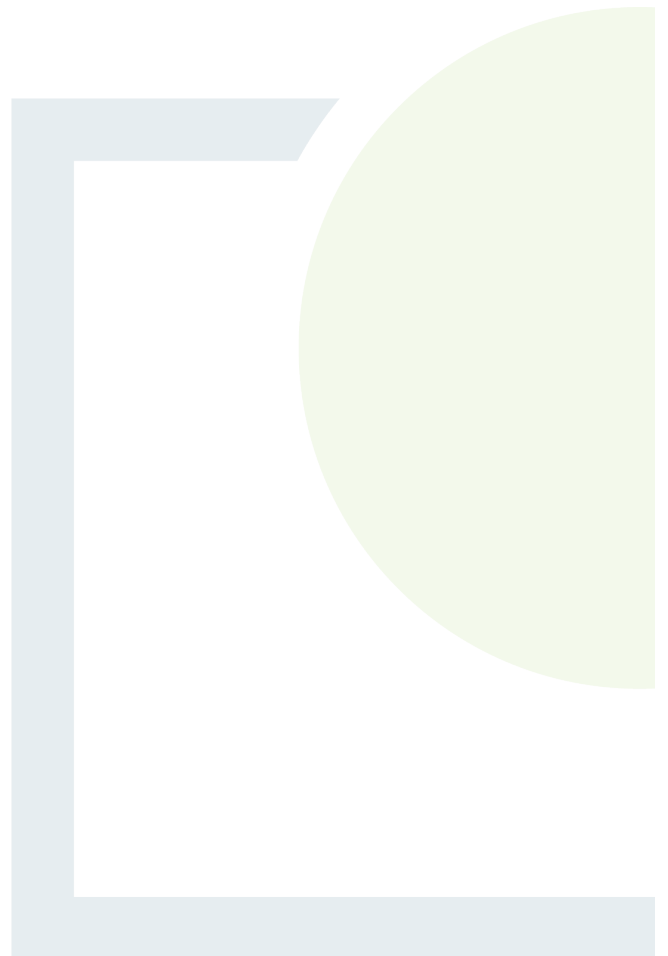


**FEHILY
TIMONEY**

**CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE
& PLANNING**

APPENDIX 10.1

Shadow Flicker Modelling Input
Data



Appendix 10-1: Shadow Flicker Modelling Input Data

Receptor ID	X Coord (IRENET95)	Y Coord (IRENET95)	Window ID	Window Offset from Building Centre - X Axis (m)	Window Offset from Building Centre - Y Axis (m)	Window Width (m)	Window Height (m)	Window Centre Height Above Ground	Direction from North (°)
1	535011	563958	1	-1	5	12	2	1.1	349
	535011	563958	2	6	1	10	2	1.1	79
	535011	563958	3	1	-5	12	2	1.1	169
	535011	563958	4	-6	-1	10	2	1.1	259
2	533407	561851	1	-3	3	8	2	1.1	314
	533407	561851	2	3	3	9	2	1.1	44
	533407	561851	3	3	-3	8	2	1.1	134
	533407	561851	4	-3	-3	9	2	1.1	224
3	532991	562143	1	-1	5	17	2	1.1	343
	532991	562143	2	8	2	10	2	1.1	73
	532991	562143	3	1	-5	17	2	1.1	163
	532991	562143	4	-8	-2	10	2	1.1	253
4	533015	562460	1	-4	8	10	2	1.1	333
	533015	562460	2	4	2	18	2	1.1	63
	533015	562460	3	4	-8	10	2	1.1	153
	533015	562460	4	-4	-2	18	2	1.1	243
5	532903	562399	1	-5	0	11	2	1.1	275
	532903	562399	2	0	5	10	2	1.1	5
	532903	562399	3	5	0	11	2	1.1	95
	532903	562399	4	0	-5	10	2	1.1	185
6	532974	562529	1	-2	7	8	2	1.1	341
	532974	562529	2	4	1	14	2	1.1	71
	532974	562529	3	2	-7	8	2	1.1	161
	532974	562529	4	-4	-1	14	2	1.1	251
7	532555	562698	1	-3	4	17	2	1.1	319
	532555	562698	2	6	6	10	2	1.1	49
	532555	562698	3	3	-4	17	2	1.1	139
	532555	562698	4	-6	-6	10	2	1.1	229
8	532593	563305	1	-5	1	20	2	1.1	284
	532593	563305	2	2	10	11	2	1.1	14
	532593	563305	3	5	-1	20	2	1.1	104
	532593	563305	4	-2	-10	11	2	1.1	194
9	534309	561942	1	-10	9	12	2	1.1	310
	534309	561942	2	4	5	27	2	1.1	40
	534309	561942	3	10	-9	12	2	1.1	130
	534309	561942	4	-4	-5	27	2	1.1	220
10	534581	562066	1	0	4	6	2	1.1	357
	534581	562066	2	3	0	9	2	1.1	87
	534581	562066	3	0	-4	6	2	1.1	177
	534581	562066	4	-3	0	9	2	1.1	267
11	534579	562689	1	0	9	10	2	1.1	358
	534579	562689	2	5	0	18	2	1.1	88
	534579	562689	3	0	-9	10	2	1.1	178
	534579	562689	4	-5	0	18	2	1.1	268

12	534590	562767	1	-7	0	6	2	1.1	272
	534590	562767	2	0	3	15	2	1.1	2
	534590	562767	3	7	0	6	2	1.1	92
	534590	562767	4	0	-3	15	2	1.1	182
13	534739	563622	1	-6	1	19	2	1.1	281
	534739	563622	2	2	9	12	2	1.1	11
	534739	563622	3	6	-1	19	2	1.1	101
	534739	563622	4	-2	-9	12	2	1.1	191
14	533935	562817	1	-9	2	10	2	1.1	281
	533935	562817	2	1	5	18	2	1.1	11
	533935	562817	3	9	-2	10	2	1.1	101
	533935	562817	4	-1	-5	18	2	1.1	191
15	533191	563542	1	0	4	15	2	1.1	356
	533191	563542	2	7	1	9	2	1.1	86
	533191	563542	3	0	-4	15	2	1.1	176
	533191	563542	4	-7	-1	9	2	1.1	266
16	534733	562755	1	-1	7	19	2	1.1	350
	534733	562755	2	9	2	15	2	1.1	80
	534733	562755	3	1	-7	19	2	1.1	170
	534733	562755	4	-9	-2	15	2	1.1	260
17	535249	564283	1	-5	1	15	2	1.1	282
	535249	564283	2	2	7	11	2	1.1	12
	535249	564283	3	5	-1	15	2	1.1	102
	535249	564283	4	-2	-7	11	2	1.1	192
18	532835	562868	1	-2	6	9	2	1.1	340
	532835	562868	2	4	2	13	2	1.1	70
	532835	562868	3	2	-6	9	2	1.1	160
	532835	562868	4	-4	-2	13	2	1.1	250
19	533205	562565	1	-4	3	13	2	1.1	314
	533205	562565	2	5	5	10	2	1.1	44
	533205	562565	3	4	-3	13	2	1.1	134
	533205	562565	4	-5	-5	10	2	1.1	224
20	534832	562850	1	-1	7	19	2	1.1	350
	534832	562850	2	9	2	15	2	1.1	80
	534832	562850	3	1	-7	19	2	1.1	170
	534832	562850	4	-9	-2	15	2	1.1	260
21	532892	562596	1	-2	5	12	2	1.1	341
	532892	562596	2	6	2	11	2	1.1	71
	532892	562596	3	2	-5	12	2	1.1	161
	532892	562596	4	-6	-2	11	2	1.1	251
22	533276	563444	1	-1	4	23	2	1.1	353
	533276	563444	2	11	1	9	2	1.1	83
	533276	563444	3	1	-4	23	2	1.1	173
	533276	563444	4	-11	-1	9	2	1.1	263
23	535470	564076	1	-4	2	15	2	1.1	295
	535470	564076	2	3	7	8	2	1.1	25
	535470	564076	3	4	-2	15	2	1.1	115
	535470	564076	4	-3	-7	8	2	1.1	205
24	533580	561627	1	-3	5	15	2	1.1	326
	533580	561627	2	6	4	11	2	1.1	56

	533580	561627	3	3	-5	15	2	1.1	146
	533580	561627	4	-6	-4	11	2	1.1	236
25	533538	561596	1	-5	7	18	2	1.1	326
	533538	561596	2	7	5	18	2	1.1	56
	533538	561596	3	5	-7	18	2	1.1	146
	533538	561596	4	-7	-5	18	2	1.1	236
26	534563	562040	1	-5	0	12	2	1.1	271
	534563	562040	2	0	6	10	2	1.1	1
	534563	562040	3	5	0	12	2	1.1	91
	534563	562040	4	0	-6	10	2	1.1	181
27	533624	561705	1	-3	2	25	2	1.1	302
	533624	561705	2	7	11	7	2	1.1	32
	533624	561705	3	3	-2	25	2	1.1	122
	533624	561705	4	-7	-11	7	2	1.1	212
28	533729	561670	1	-5	0	10	2	1.1	271
	533729	561670	2	0	5	10	2	1.1	1
	533729	561670	3	5	0	10	2	1.1	91
	533729	561670	4	0	-5	10	2	1.1	181
29	533770	561645	1	-8	3	9	2	1.1	292
	533770	561645	2	2	4	18	2	1.1	22
	533770	561645	3	8	-3	9	2	1.1	112
	533770	561645	4	-2	-4	18	2	1.1	202
30	534547	561945	1	0	5	14	2	1.1	359
	534547	561945	2	7	0	11	2	1.1	89
	534547	561945	3	0	-5	14	2	1.1	179
	534547	561945	4	-7	0	11	2	1.1	269
31	534566	561987	1	0	9	12	2	1.1	359
	534566	561987	2	6	0	18	2	1.1	89
	534566	561987	3	0	-9	12	2	1.1	179
	534566	561987	4	-6	0	18	2	1.1	269
32	534700	562325	1	-1	12	12	2	1.1	354
	534700	562325	2	6	1	24	2	1.1	84
	534700	562325	3	1	-12	12	2	1.1	174
	534700	562325	4	-6	-1	24	2	1.1	264
33	533453	564592	1	-6	1	18	2	1.1	278
	533453	564592	2	1	9	13	2	1.1	8
	533453	564592	3	6	-1	18	2	1.1	98
	533453	564592	4	-1	-9	13	2	1.1	188
34	534150	564943	1	-5	1	14	2	1.1	286
	534150	564943	2	2	7	10	2	1.1	16
	534150	564943	3	5	-1	14	2	1.1	106
	534150	564943	4	-2	-7	10	2	1.1	196
35	534208	564976	1	-6	4	16	2	1.1	305
	534208	564976	2	5	7	14	2	1.1	35
	534208	564976	3	6	-4	16	2	1.1	125
	534208	564976	4	-5	-7	14	2	1.1	215
36	533562	564624	1	-1	6	16	2	1.1	350
	533562	564624	2	8	1	12	2	1.1	80
	533562	564624	3	1	-6	16	2	1.1	170
	533562	564624	4	-8	-1	12	2	1.1	260

37	532966	562090	1	-1	5	17	2	1.1	343
	532966	562090	2	8	2	10	2	1.1	73
	532966	562090	3	1	-5	17	2	1.1	163
	532966	562090	4	-8	-2	10	2	1.1	253
38	535494	564122	1	-4	2	15	2	1.1	295
	535494	564122	2	3	7	8	2	1.1	25
	535494	564122	3	4	-2	15	2	1.1	115
	535494	564122	4	-3	-7	8	2	1.1	205