

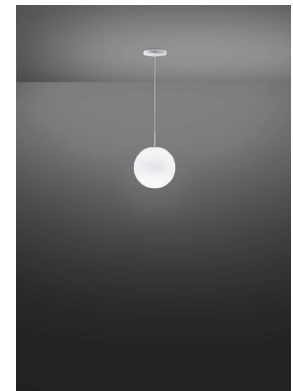
IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[MANUFAC] Fabbian Illuminazione SpA
[TEST] 011
[LUMINAIRE] LUMI-SFERA
[LUMCAT] F07 A19
[ISSUEDATE] 08/03/2012/Sedis Light Technology
[TESTLAB] IESNA:LM-63-2002
[LAMP] Osram HALOPIN 60W G9, 980 LUMENS
[CONVERT] Luminaire test position and photometric web orientation adjusted by 270 deg from ELUMDAT

CHARACTERISTICS

Lumens Per Lamp	980 (1 lamp)
Total Lamp Lumens	980
Luminaire Lumens	612
Total Luminaire Efficiency	62 %
Luminaire Efficacy Rating (LER)	10
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.20 m (Diameter)
Luminous Width (90-270)	0.20 m (Diameter)
Luminous Height	0.00 m



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2294	2267	2341
55	2861	2859	2822
65	3881	3798	3901
75	6086	6041	6006
85	17608	17532	17286

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.911	52.185	52.459	52.496	52.533	52.373	52.214	52.185	52.156	52.131
5.0	51.313	51.862	52.410	52.484	52.557	52.239	51.920	51.862	51.803	51.754
7.5	51.460	51.771	52.082	51.999	51.916	51.548	51.181	51.433	51.686	51.717
10.0	51.607	51.681	51.754	51.514	51.274	50.858	50.441	51.005	51.568	51.681
12.5	51.181	51.284	51.387	51.267	51.147	50.904	50.662	51.250	51.838	51.575
15.0	50.754	50.887	51.019	51.019	51.019	50.951	50.882	51.495	52.107	51.470
17.5	50.666	50.776	50.887	50.923	50.960	50.987	51.014	51.240	51.465	51.105
20.0	50.578	50.666	50.754	50.828	50.901	51.024	51.146	50.985	50.823	50.740
22.5	51.210	51.237	51.264	50.921	50.578	50.776	50.975	51.112	51.249	50.913
25.0	51.842	51.808	51.773	51.014	50.254	50.529	50.803	51.239	51.675	51.087
27.5	52.200	52.195	52.190	51.609	51.029	51.127	51.225	51.550	51.876	51.526
30.0	52.557	52.582	52.606	52.205	51.803	51.725	51.646	51.862	52.077	51.965
32.5	52.406	52.202	51.999	51.987	51.975	51.685	51.396	51.607	51.818	51.857
35.0	52.254	51.823	51.391	51.769	52.146	51.646	51.146	51.352	51.558	51.749
37.5	50.867	50.504	50.142	50.411	50.681	50.338	49.995	50.367	50.740	50.896
40.0	49.480	49.186	48.892	49.054	49.216	49.030	48.843	49.382	49.921	50.044
42.5	49.132	49.233	49.333	49.047	48.760	48.642	48.525	49.152	49.779	49.799
45.0	48.784	49.279	49.774	49.039	48.304	48.255	48.206	48.922	49.637	49.554
47.5	49.015	49.301	49.588	49.257	48.927	48.674	48.422	48.762	49.103	49.132
50.0	49.245	49.324	49.402	49.476	49.549	49.093	48.637	48.603	48.569	48.711
52.5	49.363	49.272	49.182	49.250	49.319	49.181	49.044	49.066	49.089	48.922
55.0	49.480	49.221	48.961	49.025	49.088	49.270	49.451	49.530	49.608	49.133
57.5	50.103	49.899	49.696	50.000	50.304	50.404	50.505	50.201	49.897	49.752
60.0	50.725	50.578	50.431	50.975	51.519	51.539	51.558	50.872	50.186	50.372
62.5	50.206	50.083	49.961	50.260	50.559	50.309	50.059	49.774	49.490	49.823
65.0	49.686	49.588	49.490	49.544	49.598	49.079	48.559	48.677	48.794	49.275
67.5	48.785	48.968	49.152	48.868	48.584	48.593	48.603	48.628	48.652	48.696
70.0	47.883	48.349	48.814	48.192	47.569	48.108	48.647	48.579	48.510	48.118
72.5	48.045	48.356	48.667	48.383	48.099	48.363	48.628	48.672	48.716	48.385
75.0	48.206	48.363	48.520	48.574	48.628	48.618	48.608	48.765	48.922	48.653
77.5	48.770	48.909	49.049	49.074	49.098	49.189	49.280	49.017	48.755	48.841
80.0	49.333	49.456	49.578	49.573	49.568	49.760	49.951	49.270	48.588	49.029
82.5	49.304	49.088	48.873	49.054	49.235	49.162	49.089	48.959	48.829	48.914
85.0	49.274	48.721	48.167	48.535	48.902	48.564	48.226	48.648	49.069	48.800
87.5	49.157	48.851	48.545	48.873	49.201	48.726	48.251	48.449	48.648	48.704
90.0	49.039	48.981	48.922	49.211	49.500	48.888	48.275	48.251	48.226	48.608
92.5	48.554	48.711	48.868	49.017	49.167	48.907	48.648	48.305	47.962	48.346
95.0	48.069	48.442	48.814	48.824	48.833	48.927	49.020	48.359	47.697	48.084
97.5	49.152	49.108	49.064	49.270	49.475	49.260	49.045	48.621	48.197	48.692
100.0	50.235	49.775	49.314	49.716	50.117	49.593	49.069	48.883	48.696	49.299
102.5	49.681	49.137	48.594	49.147	49.701	49.154	48.608	48.657	48.706	48.932
105.0	49.127	48.500	47.873	48.579	49.284	48.716	48.147	48.432	48.716	48.564
107.5	49.142	48.789	48.437	48.647	48.858	48.807	48.755	48.892	49.030	48.875
110.0	49.157	49.079	49.000	48.716	48.432	48.898	49.363	49.353	49.343	49.186
112.5	49.250	48.878	48.505	48.574	48.643	49.035	49.427	49.223	49.020	48.900
115.0	49.343	48.677	48.010	48.432	48.853	49.172	49.490	49.093	48.696	48.613
117.5	50.044	49.637	49.230	49.429	49.627	49.813	50.000	49.997	49.995	50.081
120.0	50.744	50.597	50.450	50.426	50.401	50.455	50.509	50.901	51.293	51.548
122.5	49.818	49.703	49.588	49.769	49.951	49.684	49.417	49.551	49.686	50.029
125.0	48.892	48.809	48.726	49.113	49.500	48.912	48.324	48.202	48.079	48.510
127.5	48.883	48.525	48.167	48.356	48.545	48.231	47.917	48.206	48.496	48.576
130.0	48.873	48.241	47.608	47.599	47.589	47.550	47.510	48.211	48.912	48.643
132.5	48.550	48.508	48.466	48.226	47.986	48.175	48.363	48.559	48.755	48.535

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

135.0	48.226	48.775	49.323	48.853	48.383	48.800	49.216	48.907	48.598	48.427
137.5	48.221	48.179	48.138	47.861	47.584	47.849	48.114	48.118	48.123	48.199
140.0	48.216	47.584	46.952	46.869	46.785	46.898	47.011	47.330	47.648	47.971
142.5	47.648	47.444	47.241	47.011	46.780	47.038	47.295	47.516	47.736	47.670
145.0	47.079	47.305	47.530	47.153	46.775	47.177	47.579	47.702	47.824	47.369
147.5	46.315	46.354	46.393	46.494	46.594	46.413	46.232	46.577	46.923	46.445
150.0	45.550	45.403	45.256	45.835	46.413	45.649	44.884	45.453	46.021	45.521
152.5	44.962	44.948	44.933	45.146	45.360	44.896	44.433	44.806	45.178	44.740
155.0	44.374	44.492	44.610	44.458	44.306	44.144	43.982	44.159	44.335	43.958
157.5	44.002	44.078	44.154	44.005	43.855	43.860	43.865	43.772	43.679	43.603
160.0	43.630	43.664	43.698	43.551	43.404	43.576	43.747	43.385	43.022	43.248
162.5	42.072	42.192	42.312	42.074	41.836	42.120	42.405	42.015	41.626	41.934
165.0	40.513	40.719	40.925	40.597	40.268	40.665	41.062	40.646	40.229	40.621
167.5	40.180	40.011	39.842	39.781	39.720	40.026	40.332	40.259	40.185	40.053
170.0	39.847	39.303	38.759	38.965	39.171	39.387	39.602	39.872	40.141	39.485
172.5	38.377	38.027	37.676	37.701	37.726	38.015	38.304	38.605	38.906	38.299
175.0	36.907	36.750	36.593	36.437	36.280	36.643	37.005	37.338	37.671	37.113
177.5	35.746	35.981	36.216	36.204	36.192	36.089	35.986	36.243	36.500	36.365
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles **Horizontal Angles**

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.107	52.236	52.366	52.153	51.940	52.116	52.293	52.300	52.308	52.107
5.0	51.705	51.965	52.224	51.798	51.372	51.725	52.077	52.092	52.107	51.705
7.5	51.749	51.702	51.656	51.379	51.103	51.512	51.921	51.641	51.362	51.440
10.0	51.793	51.440	51.087	50.960	50.833	51.299	51.764	51.191	50.617	51.176
12.5	51.313	51.085	50.857	50.811	50.764	51.306	51.847	51.333	50.818	51.019
15.0	50.833	50.730	50.627	50.661	50.695	51.313	51.930	51.475	51.019	50.862
17.5	50.745	50.610	50.475	50.421	50.367	50.950	51.533	51.183	50.833	50.529
20.0	50.656	50.490	50.323	50.181	50.039	50.588	51.136	50.891	50.646	50.196
22.5	50.578	50.683	50.789	50.796	50.804	50.870	50.936	50.764	50.593	50.629
25.0	50.499	50.877	51.254	51.411	51.568	51.152	50.735	50.637	50.539	51.063
27.5	51.176	51.274	51.372	51.504	51.637	51.468	51.299	51.152	51.005	51.595
30.0	51.852	51.671	51.489	51.597	51.705	51.784	51.862	51.666	51.470	52.127
32.5	51.896	51.673	51.450	51.560	51.671	51.752	51.833	51.713	51.593	51.703
35.0	51.940	51.676	51.411	51.524	51.636	51.720	51.803	51.759	51.715	51.279
37.5	51.053	50.720	50.387	50.698	51.009	50.720	50.431	50.365	50.299	50.240
40.0	50.166	49.765	49.363	49.873	50.382	49.721	49.059	48.971	48.882	49.201
42.5	49.818	49.566	49.314	49.495	49.677	49.233	48.790	48.669	48.549	49.108
45.0	49.470	49.368	49.265	49.118	48.971	48.746	48.520	48.368	48.216	49.015
47.5	49.162	49.206	49.250	49.137	49.025	48.912	48.799	48.625	48.451	48.895
50.0	48.853	49.044	49.235	49.157	49.078	49.078	49.078	48.882	48.686	48.775
52.5	48.755	49.164	49.573	49.509	49.446	49.289	49.132	49.100	49.069	49.137
55.0	48.657	49.284	49.911	49.862	49.813	49.500	49.186	49.319	49.451	49.500
57.5	49.608	50.000	50.392	50.453	50.514	50.294	50.073	50.120	50.167	50.287
60.0	50.558	50.715	50.872	51.044	51.215	51.088	50.960	50.921	50.882	51.073
62.5	50.157	50.147	50.137	50.203	50.269	50.179	50.088	49.922	49.755	50.137
65.0	49.755	49.579	49.402	49.363	49.323	49.270	49.216	48.922	48.628	49.201
67.5	48.741	48.880	49.020	49.100	49.181	49.086	48.991	48.721	48.452	48.858
70.0	47.726	48.182	48.637	48.838	49.039	48.902	48.765	48.520	48.275	48.515
72.5	48.055	48.079	48.103	48.576	49.049	48.733	48.417	48.241	48.064	48.481
75.0	48.383	47.976	47.569	48.314	49.059	48.564	48.069	47.961	47.853	48.446
77.5	48.927	48.682	48.437	48.767	49.098	48.973	48.848	48.868	48.887	49.130
80.0	49.470	49.387	49.304	49.221	49.137	49.382	49.627	49.774	49.921	49.814

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

82.5	49.000	48.836	48.672	48.892	49.113	49.247	49.382	49.436	49.490	49.172
85.0	48.530	48.285	48.040	48.564	49.088	49.113	49.137	49.098	49.059	48.530
87.5	48.760	48.474	48.187	48.532	48.878	48.792	48.706	48.716	48.726	48.620
90.0	48.990	48.662	48.334	48.501	48.667	48.471	48.275	48.334	48.392	48.711
92.5	48.731	48.491	48.251	48.148	48.045	48.094	48.143	48.218	48.294	48.574
95.0	48.471	48.319	48.167	47.795	47.422	47.716	48.010	48.103	48.196	48.437
97.5	49.187	49.066	48.946	48.664	48.383	48.542	48.701	48.701	48.701	48.873
100.0	49.902	49.814	49.725	49.534	49.343	49.368	49.392	49.299	49.206	49.309
102.5	49.157	49.164	49.172	49.162	49.152	49.096	49.039	48.807	48.574	48.893
105.0	48.412	48.515	48.618	48.790	48.961	48.824	48.686	48.314	47.942	48.476
107.5	48.721	48.716	48.711	48.843	48.976	48.904	48.833	48.547	48.261	48.753
110.0	49.029	48.917	48.804	48.897	48.990	48.985	48.980	48.780	48.579	49.030
112.5	48.780	48.642	48.505	48.870	49.235	49.113	48.990	48.900	48.809	48.976
115.0	48.530	48.368	48.206	48.843	49.480	49.240	49.000	49.020	49.039	48.922
117.5	50.167	49.929	49.691	49.924	50.157	50.223	50.289	49.985	49.681	49.831
120.0	51.803	51.490	51.176	51.005	50.833	51.205	51.577	50.950	50.323	50.740
122.5	50.372	50.313	50.255	50.019	49.784	49.779	49.774	49.485	49.196	49.571
125.0	48.941	49.137	49.333	49.034	48.735	48.353	47.971	48.020	48.069	48.402
127.5	48.657	48.863	49.069	48.819	48.569	48.312	48.055	48.175	48.295	48.277
130.0	48.373	48.589	48.804	48.603	48.402	48.270	48.138	48.329	48.520	48.153
132.5	48.314	48.696	49.079	48.669	48.260	48.309	48.359	48.346	48.334	48.155
135.0	48.255	48.804	49.353	48.736	48.118	48.349	48.579	48.363	48.147	48.157
137.5	48.275	48.368	48.461	48.170	47.878	47.991	48.104	48.081	48.059	47.797
140.0	48.294	47.932	47.569	47.604	47.638	47.633	47.628	47.800	47.971	47.437
142.5	47.604	47.738	47.873	47.900	47.927	47.633	47.339	47.513	47.687	47.293
145.0	46.913	47.545	48.177	48.197	48.216	47.633	47.050	47.227	47.403	47.148
147.5	45.967	46.501	47.035	46.915	46.795	46.411	46.026	46.188	46.350	46.293
150.0	45.021	45.457	45.893	45.634	45.374	45.188	45.002	45.149	45.296	45.438
152.5	44.301	44.757	45.212	45.068	44.923	44.661	44.399	44.495	44.590	44.549
155.0	43.581	44.056	44.531	44.502	44.472	44.134	43.796	43.840	43.884	43.659
157.5	43.527	43.480	43.434	43.421	43.409	43.294	43.179	43.132	43.086	43.029
160.0	43.473	42.905	42.336	42.341	42.346	42.454	42.561	42.424	42.287	42.400
162.5	42.243	41.819	41.395	41.653	41.910	41.709	41.508	41.630	41.753	41.902
165.0	41.013	40.734	40.454	40.964	41.474	40.964	40.454	40.837	41.219	41.405
167.5	39.921	40.089	40.258	40.246	40.234	39.869	39.504	39.702	39.901	39.996
170.0	38.828	39.445	40.062	39.528	38.994	38.774	38.553	38.568	38.583	38.588
172.5	37.691	37.975	38.259	38.085	37.911	37.767	37.622	37.603	37.583	37.737
175.0	36.554	36.505	36.456	36.642	36.828	36.760	36.691	36.637	36.583	36.887
177.5	36.231	36.079	35.927	36.143	36.358	36.275	36.192	35.885	35.579	36.061
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

**Vert.
Angles**

Horizontal Angles

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.906	51.884	51.862	52.129	52.396	52.423	52.450	52.121	51.793	51.793
5.0	51.303	51.259	51.215	51.749	52.283	52.337	52.391	51.735	51.078	51.078
7.5	51.519	51.357	51.196	51.379	51.563	51.497	51.431	51.093	50.755	50.911
10.0	51.734	51.455	51.176	51.009	50.842	50.656	50.470	50.451	50.431	50.745
12.5	51.220	51.036	50.853	50.909	50.965	50.862	50.759	50.627	50.495	50.713
15.0	50.705	50.617	50.529	50.808	51.087	51.068	51.048	50.803	50.558	50.681
17.5	50.225	50.203	50.181	50.678	51.176	50.845	50.514	50.475	50.436	50.445
20.0	49.745	49.789	49.833	50.549	51.264	50.622	49.980	50.147	50.313	50.210
22.5	50.666	50.754	50.843	51.080	51.318	50.855	50.392	50.713	51.034	50.742
25.0	51.587	51.720	51.852	51.612	51.372	51.088	50.803	51.279	51.754	51.274
27.5	52.185	51.921	51.656	51.482	51.308	51.161	51.014	51.445	51.877	51.438

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

30.0	52.783	52.122	51.460	51.352	51.244	51.235	51.225	51.612	51.999	51.602
32.5	51.813	51.644	51.475	51.636	51.798	51.590	51.382	51.600	51.818	51.678
35.0	50.842	51.166	51.489	51.921	52.352	51.945	51.538	51.587	51.636	51.754
37.5	50.181	50.414	50.647	50.666	50.686	50.747	50.808	50.600	50.392	50.671
40.0	49.519	49.662	49.804	49.412	49.020	49.549	50.078	49.613	49.147	49.588
42.5	49.666	49.598	49.530	49.240	48.951	49.071	49.191	49.017	48.843	49.069
45.0	49.813	49.534	49.255	49.069	48.882	48.593	48.304	48.422	48.539	48.549
47.5	49.338	49.284	49.231	49.152	49.074	48.772	48.471	48.684	48.897	48.848
50.0	48.863	49.035	49.206	49.236	49.265	48.951	48.637	48.946	49.255	49.147
52.5	49.206	49.356	49.505	49.400	49.294	48.919	48.544	49.005	49.466	49.093
55.0	49.549	49.677	49.804	49.564	49.323	48.887	48.451	49.064	49.676	49.039
57.5	50.407	50.321	50.235	49.973	49.711	49.715	49.720	50.110	50.500	50.059
60.0	51.264	50.965	50.666	50.382	50.098	50.544	50.989	51.156	51.323	51.078
62.5	50.519	50.152	49.784	49.539	49.294	49.652	50.009	50.252	50.495	50.438
65.0	49.774	49.338	48.902	48.696	48.490	48.760	49.029	49.348	49.666	49.799
67.5	49.265	49.093	48.922	48.767	48.613	48.517	48.422	48.618	48.814	49.017
70.0	48.755	48.848	48.941	48.838	48.735	48.275	47.814	47.888	47.961	48.236
72.5	48.897	48.912	48.927	48.723	48.520	48.255	47.991	48.255	48.520	48.402
75.0	49.039	48.976	48.912	48.608	48.304	48.236	48.167	48.623	49.078	48.569
77.5	49.373	49.020	48.667	48.829	48.990	48.792	48.594	48.802	49.010	48.963
80.0	49.706	49.064	48.422	49.049	49.676	49.348	49.020	48.981	48.941	49.358
82.5	48.853	48.785	48.716	48.807	48.897	48.733	48.569	48.785	49.000	49.108
85.0	48.000	48.505	49.010	48.564	48.118	48.118	48.118	48.589	49.059	48.858
87.5	48.515	48.855	49.196	48.748	48.300	48.405	48.510	48.613	48.716	48.949
90.0	49.029	49.206	49.382	48.932	48.481	48.692	48.902	48.638	48.373	49.040
92.5	48.853	48.782	48.711	48.466	48.221	48.324	48.427	48.219	48.011	48.476
95.0	48.677	48.359	48.040	48.001	47.961	47.956	47.951	47.800	47.648	47.913
97.5	49.045	48.689	48.334	48.564	48.794	48.547	48.299	48.324	48.349	48.601
100.0	49.412	49.020	48.628	49.128	49.627	49.137	48.647	48.848	49.049	49.289
102.5	49.211	48.733	48.256	48.638	49.020	48.939	48.858	48.799	48.741	48.966
105.0	49.010	48.447	47.883	48.148	48.412	48.741	49.069	48.751	48.432	48.643
107.5	49.245	48.819	48.393	48.601	48.809	48.946	49.084	48.731	48.378	48.836
110.0	49.480	49.191	48.902	49.054	49.206	49.152	49.098	48.711	48.324	49.030
112.5	49.142	48.794	48.447	48.562	48.677	48.623	48.569	48.520	48.471	49.049
115.0	48.804	48.398	47.991	48.069	48.147	48.094	48.040	48.329	48.618	49.069
117.5	49.980	49.953	49.927	49.703	49.480	49.495	49.510	49.806	50.103	50.034
120.0	51.156	51.509	51.862	51.338	50.813	50.897	50.980	51.284	51.587	50.999
122.5	49.946	50.049	50.152	50.164	50.176	50.115	50.054	50.115	50.176	49.816
125.0	48.735	48.588	48.441	48.990	49.539	49.333	49.127	48.946	48.765	48.633
127.5	48.260	48.508	48.755	48.853	48.951	48.770	48.588	48.375	48.162	48.263
130.0	47.785	48.427	49.069	48.716	48.363	48.206	48.049	47.804	47.559	47.893
132.5	47.976	48.432	48.888	48.562	48.236	48.157	48.079	48.262	48.446	48.309
135.0	48.167	48.437	48.706	48.407	48.108	48.108	48.108	48.721	49.333	48.726
137.5	47.535	47.768	48.001	48.005	48.010	48.052	48.094	48.216	48.339	48.057
140.0	46.903	47.099	47.295	47.604	47.912	47.996	48.079	47.712	47.344	47.388
142.5	46.898	47.239	47.579	47.706	47.834	47.831	47.829	47.670	47.511	47.444
145.0	46.893	47.378	47.863	47.809	47.755	47.667	47.579	47.628	47.677	47.501
147.5	46.237	46.687	47.138	47.101	47.065	46.859	46.653	46.714	46.776	46.776
150.0	45.580	45.997	46.413	46.394	46.374	46.051	45.727	45.801	45.874	46.051
152.5	44.507	44.759	45.012	45.313	45.615	45.171	44.728	44.958	45.188	45.274
155.0	43.434	43.522	43.610	44.233	44.855	44.292	43.728	44.115	44.502	44.497
157.5	42.973	43.319	43.664	43.894	44.125	43.620	43.116	43.554	43.993	43.747
160.0	42.512	43.115	43.718	43.556	43.394	42.949	42.503	42.993	43.483	42.998
162.5	42.052	42.076	42.101	42.096	42.091	42.020	41.949	42.228	42.508	42.216
165.0	41.591	41.038	40.484	40.636	40.788	41.092	41.395	41.464	41.532	41.434
167.5	40.092	39.960	39.828	39.948	40.068	40.178	40.288	40.246	40.205	40.457

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

170.0	38.592	38.882	39.171	39.259	39.347	39.264	39.180	39.029	38.877	39.480
172.5	37.892	38.061	38.230	38.120	38.010	38.201	38.392	38.311	38.230	38.210
175.0	37.191	37.240	37.289	36.981	36.672	37.138	37.603	37.593	37.583	36.941
177.5	36.544	36.258	35.971	35.839	35.707	36.214	36.721	36.677	36.633	36.204
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	75.0	77.5	80.0	82.5	85.0	87.5	90.0	92.5	95.0	97.5
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.793	51.994	52.195	52.359	52.523	52.413	52.303	52.413	52.523	52.359
5.0	51.078	51.480	51.881	52.210	52.538	52.318	52.097	52.318	52.538	52.210
7.5	51.068	51.377	51.685	51.673	51.661	51.441	51.220	51.441	51.661	51.673
10.0	51.058	51.274	51.489	51.137	50.784	50.564	50.343	50.564	50.784	51.137
12.5	50.931	51.367	51.803	51.573	51.343	51.019	50.696	51.019	51.343	51.573
15.0	50.803	51.460	52.116	52.009	51.901	51.475	51.048	51.475	51.901	52.009
17.5	50.455	50.813	51.171	51.168	51.166	51.161	51.156	51.161	51.166	51.168
20.0	50.107	50.166	50.225	50.328	50.431	50.848	51.264	50.848	50.431	50.328
22.5	50.450	50.404	50.358	50.622	50.887	51.168	51.450	51.168	50.887	50.622
25.0	50.793	50.642	50.490	50.916	51.342	51.489	51.636	51.489	51.342	50.916
27.5	50.999	50.975	50.951	51.205	51.460	51.450	51.440	51.450	51.460	51.205
30.0	51.205	51.308	51.411	51.494	51.577	51.411	51.244	51.411	51.577	51.494
32.5	51.538	51.533	51.529	51.590	51.651	51.509	51.367	51.509	51.651	51.590
35.0	51.871	51.759	51.646	51.685	51.724	51.607	51.489	51.607	51.724	51.685
37.5	50.950	50.806	50.661	50.504	50.348	50.612	50.877	50.612	50.348	50.504
40.0	50.029	49.853	49.676	49.324	48.971	49.618	50.264	49.618	48.971	49.324
42.5	49.294	49.355	49.417	49.125	48.834	49.429	50.024	49.429	48.834	49.125
45.0	48.559	48.858	49.157	48.927	48.696	49.240	49.784	49.240	48.696	48.927
47.5	48.799	49.034	49.270	49.150	49.030	49.132	49.235	49.132	49.030	49.150
50.0	49.039	49.211	49.382	49.373	49.363	49.025	48.686	49.025	49.363	49.373
52.5	48.721	49.071	49.422	49.473	49.525	49.135	48.745	49.135	49.525	49.473
55.0	48.402	48.932	49.461	49.574	49.686	49.245	48.804	49.245	49.686	49.574
57.5	49.618	49.762	49.907	50.225	50.544	50.245	49.946	50.245	50.544	50.225
60.0	50.833	50.593	50.352	50.877	51.401	51.244	51.087	51.244	51.401	50.877
62.5	50.382	49.956	49.529	49.889	50.250	50.382	50.514	50.382	50.250	49.889
65.0	49.931	49.319	48.706	48.902	49.098	49.520	49.941	49.520	49.098	48.902
67.5	49.221	48.709	48.197	48.601	49.005	49.093	49.182	49.093	49.005	48.601
70.0	48.510	48.099	47.687	48.300	48.912	48.667	48.422	48.667	48.912	48.300
72.5	48.285	48.211	48.138	48.380	48.623	48.312	48.001	48.312	48.623	48.380
75.0	48.059	48.324	48.588	48.461	48.334	47.957	47.579	47.957	48.334	48.461
77.5	48.917	48.809	48.701	48.596	48.491	48.471	48.451	48.471	48.491	48.596
80.0	49.774	49.294	48.814	48.731	48.647	48.985	49.323	48.985	48.647	48.731
82.5	49.216	49.069	48.922	48.684	48.446	48.647	48.848	48.647	48.446	48.684
85.0	48.657	48.843	49.029	48.637	48.245	48.309	48.373	48.309	48.245	48.637
87.5	49.182	49.025	48.868	48.826	48.784	48.588	48.393	48.588	48.784	48.826
90.0	49.706	49.206	48.706	49.015	49.323	48.868	48.412	48.868	49.323	49.015
92.5	48.942	48.741	48.540	48.515	48.490	48.576	48.662	48.576	48.490	48.515
95.0	48.177	48.275	48.373	48.015	47.657	48.285	48.912	48.285	47.657	48.015
97.5	48.853	49.000	49.147	48.931	48.716	48.907	49.098	48.907	48.716	48.931
100.0	49.529	49.725	49.921	49.848	49.774	49.529	49.284	49.529	49.774	49.848
102.5	49.191	49.000	48.809	49.047	49.284	48.912	48.540	48.912	49.284	49.047
105.0	48.853	48.275	47.697	48.246	48.794	48.295	47.795	48.295	48.794	48.246
107.5	49.294	48.733	48.172	48.679	49.186	48.929	48.672	48.929	49.186	48.679
110.0	49.735	49.191	48.647	49.113	49.578	49.564	49.549	49.564	49.578	49.113
112.5	49.627	48.990	48.353	48.770	49.186	49.034	48.883	49.034	49.186	48.770
115.0	49.519	48.789	48.059	48.427	48.794	48.505	48.216	48.505	48.794	48.427

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

117.5	49.965	49.884	49.804	50.056	50.308	50.147	49.985	50.147	50.308	50.056
120.0	50.411	50.980	51.548	51.685	51.822	51.788	51.754	51.788	51.822	51.685
122.5	49.456	49.760	50.064	50.296	50.529	50.215	49.902	50.215	50.529	50.296
125.0	48.500	48.540	48.579	48.907	49.235	48.642	48.049	48.642	49.235	48.907
127.5	48.363	48.518	48.672	48.540	48.407	48.106	47.804	48.106	48.407	48.540
130.0	48.226	48.496	48.765	48.172	47.579	47.569	47.559	47.569	47.579	48.172
132.5	48.172	48.400	48.628	48.383	48.138	48.238	48.339	48.238	48.138	48.383
135.0	48.118	48.304	48.490	48.593	48.696	48.907	49.118	48.907	48.696	48.593
137.5	47.775	47.956	48.138	48.089	48.040	48.008	47.976	48.008	48.040	48.089
140.0	47.432	47.609	47.785	47.584	47.383	47.109	46.834	47.109	47.383	47.584
142.5	47.378	47.577	47.775	47.677	47.579	47.412	47.246	47.412	47.579	47.677
145.0	47.324	47.545	47.765	47.770	47.775	47.716	47.657	47.716	47.775	47.770
147.5	46.776	46.692	46.609	46.829	47.050	46.663	46.276	46.663	47.050	46.829
150.0	46.227	45.840	45.452	45.889	46.325	45.610	44.894	45.610	46.325	45.889
152.5	45.360	45.139	44.918	44.977	45.036	44.835	44.634	44.835	45.036	44.977
155.0	44.492	44.438	44.384	44.066	43.747	44.061	44.374	44.061	43.747	44.066
157.5	43.502	43.551	43.600	43.358	43.115	43.453	43.791	43.453	43.115	43.358
160.0	42.512	42.664	42.816	42.650	42.483	42.846	43.208	42.846	42.483	42.650
162.5	41.924	41.770	41.616	41.780	41.944	41.853	41.763	41.853	41.944	41.780
165.0	41.336	40.876	40.415	40.910	41.405	40.861	40.317	40.861	41.405	40.910
167.5	40.709	40.310	39.911	40.190	40.469	40.160	39.852	40.160	40.469	40.190
170.0	40.082	39.744	39.406	39.470	39.533	39.460	39.386	39.460	39.533	39.470
172.5	38.191	38.147	38.103	38.401	38.700	38.369	38.039	38.369	38.700	38.401
175.0	36.299	36.549	36.799	37.333	37.867	37.279	36.691	37.279	37.867	37.333
177.5	35.775	35.890	36.005	36.449	36.892	36.483	36.074	36.483	36.892	36.449
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles **Horizontal Angles**

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.195	51.994	51.793	51.793	51.793	52.121	52.450	52.423	52.396	52.129
5.0	51.881	51.480	51.078	51.078	51.078	51.735	52.391	52.337	52.283	51.749
7.5	51.685	51.377	51.068	50.911	50.755	51.093	51.431	51.497	51.563	51.379
10.0	51.489	51.274	51.058	50.745	50.431	50.451	50.470	50.656	50.842	51.009
12.5	51.803	51.367	50.931	50.713	50.495	50.627	50.759	50.862	50.965	50.909
15.0	52.116	51.460	50.803	50.681	50.558	50.803	51.048	51.068	51.087	50.808
17.5	51.171	50.813	50.455	50.445	50.436	50.475	50.514	50.845	51.176	50.678
20.0	50.225	50.166	50.107	50.210	50.313	50.147	49.980	50.622	51.264	50.549
22.5	50.358	50.404	50.450	50.742	51.034	50.713	50.392	50.855	51.318	51.080
25.0	50.490	50.642	50.793	51.274	51.754	51.279	50.803	51.088	51.372	51.612
27.5	50.951	50.975	50.999	51.438	51.877	51.445	51.014	51.161	51.308	51.482
30.0	51.411	51.308	51.205	51.602	51.999	51.612	51.225	51.235	51.244	51.352
32.5	51.529	51.533	51.538	51.678	51.818	51.600	51.382	51.590	51.798	51.636
35.0	51.646	51.759	51.871	51.754	51.636	51.587	51.538	51.945	52.352	51.921
37.5	50.661	50.806	50.950	50.671	50.392	50.600	50.808	50.747	50.686	50.666
40.0	49.676	49.853	50.029	49.588	49.147	49.613	50.078	49.549	49.020	49.412
42.5	49.417	49.355	49.294	49.069	48.843	49.017	49.191	49.071	48.951	49.240
45.0	49.157	48.858	48.559	48.549	48.539	48.422	48.304	48.593	48.882	49.069
47.5	49.270	49.034	48.799	48.848	48.897	48.684	48.471	48.772	49.074	49.152
50.0	49.382	49.211	49.039	49.147	49.255	48.946	48.637	48.951	49.265	49.236
52.5	49.422	49.071	48.721	49.093	49.466	49.005	48.544	48.919	49.294	49.400
55.0	49.461	48.932	48.402	49.039	49.676	49.064	48.451	48.887	49.323	49.564
57.5	49.907	49.762	49.618	50.059	50.500	50.110	49.720	49.715	49.711	49.973
60.0	50.352	50.593	50.833	51.078	51.323	51.156	50.989	50.544	50.098	50.382
62.5	49.529	49.956	50.382	50.438	50.495	50.252	50.009	49.652	49.294	49.539

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

65.0	48.706	49.319	49.931	49.799	49.666	49.348	49.029	48.760	48.490	48.696
67.5	48.197	48.709	49.221	49.017	48.814	48.618	48.422	48.517	48.613	48.767
70.0	47.687	48.099	48.510	48.236	47.961	47.888	47.814	48.275	48.735	48.838
72.5	48.138	48.211	48.285	48.402	48.520	48.255	47.991	48.255	48.520	48.723
75.0	48.588	48.324	48.059	48.569	49.078	48.623	48.167	48.236	48.304	48.608
77.5	48.701	48.809	48.917	48.963	49.010	48.802	48.594	48.792	48.990	48.829
80.0	48.814	49.294	49.774	49.358	48.941	48.981	49.020	49.348	49.676	49.049
82.5	48.922	49.069	49.216	49.108	49.000	48.785	48.569	48.733	48.897	48.807
85.0	49.029	48.843	48.657	48.858	49.059	48.589	48.118	48.118	48.118	48.564
87.5	48.868	49.025	49.182	48.949	48.716	48.613	48.510	48.405	48.300	48.748
90.0	48.706	49.206	49.706	49.040	48.373	48.638	48.902	48.692	48.481	48.932
92.5	48.540	48.741	48.942	48.476	48.011	48.219	48.427	48.324	48.221	48.466
95.0	48.373	48.275	48.177	47.913	47.648	47.800	47.951	47.956	47.961	48.001
97.5	49.147	49.000	48.853	48.601	48.349	48.324	48.299	48.547	48.794	48.564
100.0	49.921	49.725	49.529	49.289	49.049	48.848	48.647	49.137	49.627	49.128
102.5	48.809	49.000	49.191	48.966	48.741	48.799	48.858	48.939	49.020	48.638
105.0	47.697	48.275	48.853	48.643	48.432	48.751	49.069	48.741	48.412	48.148
107.5	48.172	48.733	49.294	48.836	48.378	48.731	49.084	48.946	48.809	48.601
110.0	48.647	49.191	49.735	49.030	48.324	48.711	49.098	49.152	49.206	49.054
112.5	48.353	48.990	49.627	49.049	48.471	48.520	48.569	48.623	48.677	48.562
115.0	48.059	48.789	49.519	49.069	48.618	48.329	48.040	48.094	48.147	48.069
117.5	49.804	49.884	49.965	50.034	50.103	49.806	49.510	49.495	49.480	49.703
120.0	51.548	50.980	50.411	50.999	51.587	51.284	50.980	50.897	50.813	51.338
122.5	50.064	49.760	49.456	49.816	50.176	50.115	50.054	50.115	50.176	50.164
125.0	48.579	48.540	48.500	48.633	48.765	48.946	49.127	49.333	49.539	48.990
127.5	48.672	48.518	48.363	48.263	48.162	48.375	48.588	48.770	48.951	48.853
130.0	48.765	48.496	48.226	47.893	47.559	47.804	48.049	48.206	48.363	48.716
132.5	48.628	48.400	48.172	48.309	48.446	48.262	48.079	48.157	48.236	48.562
135.0	48.490	48.304	48.118	48.726	49.333	48.721	48.108	48.108	48.108	48.407
137.5	48.138	47.956	47.775	48.057	48.339	48.216	48.094	48.052	48.010	48.005
140.0	47.785	47.609	47.432	47.388	47.344	47.712	48.079	47.996	47.912	47.604
142.5	47.775	47.577	47.378	47.444	47.511	47.670	47.829	47.831	47.834	47.706
145.0	47.765	47.545	47.324	47.501	47.677	47.628	47.579	47.667	47.755	47.809
147.5	46.609	46.692	46.776	46.776	46.776	46.714	46.653	46.859	47.065	47.101
150.0	45.452	45.840	46.227	46.051	45.874	45.801	45.727	46.051	46.374	46.394
152.5	44.918	45.139	45.360	45.274	45.188	44.958	44.728	45.171	45.615	45.313
155.0	44.384	44.438	44.492	44.497	44.502	44.115	43.728	44.292	44.855	44.233
157.5	43.600	43.551	43.502	43.747	43.993	43.554	43.116	43.620	44.125	43.894
160.0	42.816	42.664	42.512	42.998	43.483	42.993	42.503	42.949	43.394	43.556
162.5	41.616	41.770	41.924	42.216	42.508	42.228	41.949	42.020	42.091	42.096
165.0	40.415	40.876	41.336	41.434	41.532	41.464	41.395	41.092	40.788	40.636
167.5	39.911	40.310	40.709	40.457	40.205	40.246	40.288	40.178	40.068	39.948
170.0	39.406	39.744	40.082	39.480	38.877	39.029	39.180	39.264	39.347	39.259
172.5	38.103	38.147	38.191	38.210	38.230	38.311	38.392	38.201	38.010	38.120
175.0	36.799	36.549	36.299	36.941	37.583	37.593	37.603	37.138	36.672	36.981
177.5	36.005	35.890	35.775	36.204	36.633	36.677	36.721	36.214	35.707	35.839
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.862	51.884	51.906	52.107	52.308	52.300	52.293	52.116	51.940	52.153
5.0	51.215	51.259	51.303	51.705	52.107	52.092	52.077	51.725	51.372	51.798
7.5	51.196	51.357	51.519	51.440	51.362	51.641	51.921	51.512	51.103	51.379
10.0	51.176	51.455	51.734	51.176	50.617	51.191	51.764	51.299	50.833	50.960

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

12.5	50.853	51.036	51.220	51.019	50.818	51.333	51.847	51.306	50.764	50.811
15.0	50.529	50.617	50.705	50.862	51.019	51.475	51.930	51.313	50.695	50.661
17.5	50.181	50.203	50.225	50.529	50.833	51.183	51.533	50.950	50.367	50.421
20.0	49.833	49.789	49.745	50.196	50.646	50.891	51.136	50.588	50.039	50.181
22.5	50.843	50.754	50.666	50.629	50.593	50.764	50.936	50.870	50.804	50.796
25.0	51.852	51.720	51.587	51.063	50.539	50.637	50.735	51.152	51.568	51.411
27.5	51.656	51.921	52.185	51.595	51.005	51.152	51.299	51.468	51.637	51.504
30.0	51.460	52.122	52.783	52.127	51.470	51.666	51.862	51.784	51.705	51.597
32.5	51.475	51.644	51.813	51.703	51.593	51.713	51.833	51.752	51.671	51.560
35.0	51.489	51.166	50.842	51.279	51.715	51.759	51.803	51.720	51.636	51.524
37.5	50.647	50.414	50.181	50.240	50.299	50.365	50.431	50.720	51.009	50.698
40.0	49.804	49.662	49.519	49.201	48.882	48.971	49.059	49.721	50.382	49.873
42.5	49.530	49.598	49.666	49.108	48.549	48.669	48.790	49.233	49.677	49.495
45.0	49.255	49.534	49.813	49.015	48.216	48.368	48.520	48.746	48.971	49.118
47.5	49.231	49.284	49.338	48.895	48.451	48.625	48.799	48.912	49.025	49.137
50.0	49.206	49.035	48.863	48.775	48.686	48.882	49.078	49.078	49.078	49.157
52.5	49.505	49.356	49.206	49.137	49.069	49.100	49.132	49.289	49.446	49.509
55.0	49.804	49.677	49.549	49.500	49.451	49.319	49.186	49.500	49.813	49.862
57.5	50.235	50.321	50.407	50.287	50.167	50.120	50.073	50.294	50.514	50.453
60.0	50.666	50.965	51.264	51.073	50.882	50.921	50.960	51.088	51.215	51.044
62.5	49.784	50.152	50.519	50.137	49.755	49.922	50.088	50.179	50.269	50.203
65.0	48.902	49.338	49.774	49.201	48.628	48.922	49.216	49.270	49.323	49.363
67.5	48.922	49.093	49.265	48.858	48.452	48.721	48.991	49.086	49.181	49.100
70.0	48.941	48.848	48.755	48.515	48.275	48.520	48.765	48.902	49.039	48.838
72.5	48.927	48.912	48.897	48.481	48.064	48.241	48.417	48.733	49.049	48.576
75.0	48.912	48.976	49.039	48.446	47.853	47.961	48.069	48.564	49.059	48.314
77.5	48.667	49.020	49.373	49.130	48.887	48.868	48.848	48.973	49.098	48.767
80.0	48.422	49.064	49.706	49.814	49.921	49.774	49.627	49.382	49.137	49.221
82.5	48.716	48.785	48.853	49.172	49.490	49.436	49.382	49.247	49.113	48.892
85.0	49.010	48.505	48.000	48.530	49.059	49.098	49.137	49.113	49.088	48.564
87.5	49.196	48.855	48.515	48.620	48.726	48.716	48.706	48.792	48.878	48.532
90.0	49.382	49.206	49.029	48.711	48.392	48.334	48.275	48.471	48.667	48.501
92.5	48.711	48.782	48.853	48.574	48.294	48.218	48.143	48.094	48.045	48.148
95.0	48.040	48.359	48.677	48.437	48.196	48.103	48.010	47.716	47.422	47.795
97.5	48.334	48.689	49.045	48.873	48.701	48.701	48.701	48.542	48.383	48.664
100.0	48.628	49.020	49.412	49.309	49.206	49.299	49.392	49.368	49.343	49.534
102.5	48.256	48.733	49.211	48.893	48.574	48.807	49.039	49.096	49.152	49.162
105.0	47.883	48.447	49.010	48.476	47.942	48.314	48.686	48.824	48.961	48.790
107.5	48.393	48.819	49.245	48.753	48.261	48.547	48.833	48.904	48.976	48.843
110.0	48.902	49.191	49.480	49.030	48.579	48.780	48.980	48.985	48.990	48.897
112.5	48.447	48.794	49.142	48.976	48.809	48.900	48.990	49.113	49.235	48.870
115.0	47.991	48.398	48.804	48.922	49.039	49.020	49.000	49.240	49.480	48.843
117.5	49.927	49.953	49.980	49.831	49.681	49.985	50.289	50.223	50.157	49.924
120.0	51.862	51.509	51.156	50.740	50.323	50.950	51.577	51.205	50.833	51.005
122.5	50.152	50.049	49.946	49.571	49.196	49.485	49.774	49.779	49.784	50.019
125.0	48.441	48.588	48.735	48.402	48.069	48.020	47.971	48.353	48.735	49.034
127.5	48.755	48.508	48.260	48.277	48.295	48.175	48.055	48.312	48.569	48.819
130.0	49.069	48.427	47.785	48.153	48.520	48.329	48.138	48.270	48.402	48.603
132.5	48.888	48.432	47.976	48.155	48.334	48.346	48.359	48.309	48.260	48.669
135.0	48.706	48.437	48.167	48.157	48.147	48.363	48.579	48.349	48.118	48.736
137.5	48.001	47.768	47.535	47.797	48.059	48.081	48.104	47.991	47.878	48.170
140.0	47.295	47.099	46.903	47.437	47.971	47.800	47.628	47.633	47.638	47.604
142.5	47.579	47.239	46.898	47.293	47.687	47.513	47.339	47.633	47.927	47.900
145.0	47.863	47.378	46.893	47.148	47.403	47.227	47.050	47.633	48.216	48.197
147.5	47.138	46.687	46.237	46.293	46.350	46.188	46.026	46.411	46.795	46.915
150.0	46.413	45.997	45.580	45.438	45.296	45.149	45.002	45.188	45.374	45.634

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

152.5	45.012	44.759	44.507	44.549	44.590	44.495	44.399	44.661	44.923	45.068
155.0	43.610	43.522	43.434	43.659	43.884	43.840	43.796	44.134	44.472	44.502
157.5	43.664	43.319	42.973	43.029	43.086	43.132	43.179	43.294	43.409	43.421
160.0	43.718	43.115	42.512	42.400	42.287	42.424	42.561	42.454	42.346	42.341
162.5	42.101	42.076	42.052	41.902	41.753	41.630	41.508	41.709	41.910	41.653
165.0	40.484	41.038	41.591	41.405	41.219	40.837	40.454	40.964	41.474	40.964
167.5	39.828	39.960	40.092	39.996	39.901	39.702	39.504	39.869	40.234	40.246
170.0	39.171	38.882	38.592	38.588	38.583	38.568	38.553	38.774	38.994	39.528
172.5	38.230	38.061	37.892	37.737	37.583	37.603	37.622	37.767	37.911	38.085
175.0	37.289	37.240	37.191	36.887	36.583	36.637	36.691	36.760	36.828	36.642
177.5	35.971	36.258	36.544	36.061	35.579	35.885	36.192	36.275	36.358	36.143
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.366	52.236	52.107	52.131	52.156	52.185	52.214	52.373	52.533	52.496
5.0	52.224	51.965	51.705	51.754	51.803	51.862	51.920	52.239	52.557	52.484
7.5	51.656	51.702	51.749	51.717	51.686	51.433	51.181	51.548	51.916	51.999
10.0	51.087	51.440	51.793	51.681	51.568	51.005	50.441	50.858	51.274	51.514
12.5	50.857	51.085	51.313	51.575	51.838	51.250	50.662	50.904	51.147	51.267
15.0	50.627	50.730	50.833	51.470	52.107	51.495	50.882	50.951	51.019	51.019
17.5	50.475	50.610	50.745	51.105	51.465	51.240	51.014	50.987	50.960	50.923
20.0	50.323	50.490	50.656	50.740	50.823	50.985	51.146	51.024	50.901	50.828
22.5	50.789	50.683	50.578	50.913	51.249	51.112	50.975	50.776	50.578	50.921
25.0	51.254	50.877	50.499	51.087	51.675	51.239	50.803	50.529	50.254	51.014
27.5	51.372	51.274	51.176	51.526	51.876	51.550	51.225	51.127	51.029	51.609
30.0	51.489	51.671	51.852	51.965	52.077	51.862	51.646	51.725	51.803	52.205
32.5	51.450	51.673	51.896	51.857	51.818	51.607	51.396	51.685	51.975	51.987
35.0	51.411	51.676	51.940	51.749	51.558	51.352	51.146	51.646	52.146	51.769
37.5	50.387	50.720	51.053	50.896	50.740	50.367	49.995	50.338	50.681	50.411
40.0	49.363	49.765	50.166	50.044	49.921	49.382	48.843	49.030	49.216	49.054
42.5	49.314	49.566	49.818	49.799	49.779	49.152	48.525	48.642	48.760	49.047
45.0	49.265	49.368	49.470	49.554	49.637	48.922	48.206	48.255	48.304	49.039
47.5	49.250	49.206	49.162	49.132	49.103	48.762	48.422	48.674	48.927	49.257
50.0	49.235	49.044	48.853	48.711	48.569	48.603	48.637	49.093	49.549	49.476
52.5	49.573	49.164	48.755	48.922	49.089	49.066	49.044	49.181	49.319	49.250
55.0	49.911	49.284	48.657	49.133	49.608	49.530	49.451	49.270	49.088	49.025
57.5	50.392	50.000	49.608	49.752	49.897	50.201	50.505	50.404	50.304	50.000
60.0	50.872	50.715	50.558	50.372	50.186	50.872	51.558	51.539	51.519	50.975
62.5	50.137	50.147	50.157	49.823	49.490	49.774	50.059	50.309	50.559	50.260
65.0	49.402	49.579	49.755	49.275	48.794	48.677	48.559	49.079	49.598	49.544
67.5	49.020	48.880	48.741	48.696	48.652	48.628	48.603	48.593	48.584	48.868
70.0	48.637	48.182	47.726	48.118	48.510	48.579	48.647	48.108	47.569	48.192
72.5	48.103	48.079	48.055	48.385	48.716	48.672	48.628	48.363	48.099	48.383
75.0	47.569	47.976	48.383	48.653	48.922	48.765	48.608	48.618	48.628	48.574
77.5	48.437	48.682	48.927	48.841	48.755	49.017	49.280	49.189	49.098	49.074
80.0	49.304	49.387	49.470	49.029	48.588	49.270	49.951	49.760	49.568	49.573
82.5	48.672	48.836	49.000	48.914	48.829	48.959	49.089	49.162	49.235	49.054
85.0	48.040	48.285	48.530	48.800	49.069	48.648	48.226	48.564	48.902	48.535
87.5	48.187	48.474	48.760	48.704	48.648	48.449	48.251	48.726	49.201	48.873
90.0	48.334	48.662	48.990	48.608	48.226	48.251	48.275	48.888	49.500	49.211
92.5	48.251	48.491	48.731	48.346	47.962	48.305	48.648	48.907	49.167	49.017
95.0	48.167	48.319	48.471	48.084	47.697	48.359	49.020	48.927	48.833	48.824
97.5	48.946	49.066	49.187	48.692	48.197	48.621	49.045	49.260	49.475	49.270

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

100.0	49.725	49.814	49.902	49.299	48.696	48.883	49.069	49.593	50.117	49.716
102.5	49.172	49.164	49.157	48.932	48.706	48.657	48.608	49.154	49.701	49.147
105.0	48.618	48.515	48.412	48.564	48.716	48.432	48.147	48.716	49.284	48.579
107.5	48.711	48.716	48.721	48.875	49.030	48.892	48.755	48.807	48.858	48.647
110.0	48.804	48.917	49.029	49.186	49.343	49.353	49.363	48.898	48.432	48.716
112.5	48.505	48.642	48.780	48.900	49.020	49.223	49.427	49.035	48.643	48.574
115.0	48.206	48.368	48.530	48.613	48.696	49.093	49.490	49.172	48.853	48.432
117.5	49.691	49.929	50.167	50.081	49.995	49.997	50.000	49.813	49.627	49.429
120.0	51.176	51.490	51.803	51.548	51.293	50.901	50.509	50.455	50.401	50.426
122.5	50.255	50.313	50.372	50.029	49.686	49.551	49.417	49.684	49.951	49.769
125.0	49.333	49.137	48.941	48.510	48.079	48.202	48.324	48.912	49.500	49.113
127.5	49.069	48.863	48.657	48.576	48.496	48.206	47.917	48.231	48.545	48.356
130.0	48.804	48.589	48.373	48.643	48.912	48.211	47.510	47.550	47.589	47.599
132.5	49.079	48.696	48.314	48.535	48.755	48.559	48.363	48.175	47.986	48.226
135.0	49.353	48.804	48.255	48.427	48.598	48.907	49.216	48.800	48.383	48.853
137.5	48.461	48.368	48.275	48.199	48.123	48.118	48.114	47.849	47.584	47.861
140.0	47.569	47.932	48.294	47.971	47.648	47.330	47.011	46.898	46.785	46.869
142.5	47.873	47.738	47.604	47.670	47.736	47.516	47.295	47.038	46.780	47.011
145.0	48.177	47.545	46.913	47.369	47.824	47.702	47.579	47.177	46.775	47.153
147.5	47.035	46.501	45.967	46.445	46.923	46.577	46.232	46.413	46.594	46.494
150.0	45.893	45.457	45.021	45.521	46.021	45.453	44.884	45.649	46.413	45.835
152.5	45.212	44.757	44.301	44.740	45.178	44.806	44.433	44.896	45.360	45.146
155.0	44.531	44.056	43.581	43.958	44.335	44.159	43.982	44.144	44.306	44.458
157.5	43.434	43.480	43.527	43.603	43.679	43.772	43.865	43.860	43.855	44.005
160.0	42.336	42.905	43.473	43.248	43.022	43.385	43.747	43.576	43.404	43.551
162.5	41.395	41.819	42.243	41.934	41.626	42.015	42.405	42.120	41.836	42.074
165.0	40.454	40.734	41.013	40.621	40.229	40.646	41.062	40.665	40.268	40.597
167.5	40.258	40.089	39.921	40.053	40.185	40.259	40.332	40.026	39.720	39.781
170.0	40.062	39.445	38.828	39.485	40.141	39.872	39.602	39.387	39.171	38.965
172.5	38.259	37.975	37.691	38.299	38.906	38.605	38.304	38.015	37.726	37.701
175.0	36.456	36.505	36.554	37.113	37.671	37.338	37.005	36.643	36.280	36.437
177.5	35.927	36.079	36.231	36.365	36.500	36.243	35.986	36.089	36.192	36.204
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles **Horizontal Angles**

	175.0	177.5	180.0	182.5	185.0	187.5	190.0	192.5	195.0	197.5
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.459	52.185	51.911	52.185	52.459	52.496	52.533	52.373	52.214	52.185
5.0	52.410	51.862	51.313	51.862	52.410	52.484	52.557	52.239	51.920	51.862
7.5	52.082	51.771	51.460	51.771	52.082	51.999	51.916	51.548	51.181	51.433
10.0	51.754	51.681	51.607	51.681	51.754	51.514	51.274	50.858	50.441	51.005
12.5	51.387	51.284	51.181	51.284	51.387	51.267	51.147	50.904	50.662	51.250
15.0	51.019	50.887	50.754	50.887	51.019	51.019	51.019	50.951	50.882	51.495
17.5	50.887	50.776	50.666	50.776	50.887	50.923	50.960	50.987	51.014	51.240
20.0	50.754	50.666	50.578	50.666	50.754	50.828	50.901	51.024	51.146	50.985
22.5	51.264	51.237	51.210	51.237	51.264	50.921	50.578	50.776	50.975	51.112
25.0	51.773	51.808	51.842	51.808	51.773	51.014	50.254	50.529	50.803	51.239
27.5	52.190	52.195	52.200	52.195	52.190	51.609	51.029	51.127	51.225	51.550
30.0	52.606	52.582	52.557	52.582	52.606	52.205	51.803	51.725	51.646	51.862
32.5	51.999	52.202	52.406	52.202	51.999	51.987	51.975	51.685	51.396	51.607
35.0	51.391	51.823	52.254	51.823	51.391	51.769	52.146	51.646	51.146	51.352
37.5	50.142	50.504	50.867	50.504	50.142	50.411	50.681	50.338	49.995	50.367
40.0	48.892	49.186	49.480	49.186	48.892	49.054	49.216	49.030	48.843	49.382
42.5	49.333	49.233	49.132	49.233	49.333	49.047	48.760	48.642	48.525	49.152
45.0	49.774	49.279	48.784	49.279	49.774	49.039	48.304	48.255	48.206	48.922

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

47.5	49.588	49.301	49.015	49.301	49.588	49.257	48.927	48.674	48.422	48.762
50.0	49.402	49.324	49.245	49.324	49.402	49.476	49.549	49.093	48.637	48.603
52.5	49.182	49.272	49.363	49.272	49.182	49.250	49.319	49.181	49.044	49.066
55.0	48.961	49.221	49.480	49.221	48.961	49.025	49.088	49.270	49.451	49.530
57.5	49.696	49.899	50.103	49.899	49.696	50.000	50.304	50.404	50.505	50.201
60.0	50.431	50.578	50.725	50.578	50.431	50.975	51.519	51.539	51.558	50.872
62.5	49.961	50.083	50.206	50.083	49.961	50.260	50.559	50.309	50.059	49.774
65.0	49.490	49.588	49.686	49.588	49.490	49.544	49.598	49.079	48.559	48.677
67.5	49.152	48.968	48.785	48.968	49.152	48.868	48.584	48.593	48.603	48.628
70.0	48.814	48.349	47.883	48.349	48.814	48.192	47.569	48.108	48.647	48.579
72.5	48.667	48.356	48.045	48.356	48.667	48.383	48.099	48.363	48.628	48.672
75.0	48.520	48.363	48.206	48.363	48.520	48.574	48.628	48.618	48.608	48.765
77.5	49.049	48.909	48.770	48.909	49.049	49.074	49.098	49.189	49.280	49.017
80.0	49.578	49.456	49.333	49.456	49.578	49.573	49.568	49.760	49.951	49.270
82.5	48.873	49.088	49.304	49.088	48.873	49.054	49.235	49.162	49.089	48.959
85.0	48.167	48.721	49.274	48.721	48.167	48.535	48.902	48.564	48.226	48.648
87.5	48.545	48.851	49.157	48.851	48.545	48.873	49.201	48.726	48.251	48.449
90.0	48.922	48.981	49.039	48.981	48.922	49.211	49.500	48.888	48.275	48.251
92.5	48.868	48.711	48.554	48.711	48.868	49.017	49.167	48.907	48.648	48.305
95.0	48.814	48.442	48.069	48.442	48.814	48.824	48.833	48.927	49.020	48.359
97.5	49.064	49.108	49.152	49.108	49.064	49.270	49.475	49.260	49.045	48.621
100.0	49.314	49.775	50.235	49.775	49.314	49.716	50.117	49.593	49.069	48.883
102.5	48.594	49.137	49.681	49.137	48.594	49.147	49.701	49.154	48.608	48.657
105.0	47.873	48.500	49.127	48.500	47.873	48.579	49.284	48.716	48.147	48.432
107.5	48.437	48.789	49.142	48.789	48.437	48.647	48.858	48.807	48.755	48.892
110.0	49.000	49.079	49.157	49.079	49.000	48.716	48.432	48.898	49.363	49.353
112.5	48.505	48.878	49.250	48.878	48.505	48.574	48.643	49.035	49.427	49.223
115.0	48.010	48.677	49.343	48.677	48.010	48.432	48.853	49.172	49.490	49.093
117.5	49.230	49.637	50.044	49.637	49.230	49.429	49.627	49.813	50.000	49.997
120.0	50.450	50.597	50.744	50.597	50.450	50.426	50.401	50.455	50.509	50.901
122.5	49.588	49.703	49.818	49.703	49.588	49.769	49.951	49.684	49.417	49.551
125.0	48.726	48.809	48.892	48.809	48.726	49.113	49.500	48.912	48.324	48.202
127.5	48.167	48.525	48.883	48.525	48.167	48.356	48.545	48.231	47.917	48.206
130.0	47.608	48.241	48.873	48.241	47.608	47.599	47.589	47.550	47.510	48.211
132.5	48.466	48.508	48.550	48.508	48.466	48.226	47.986	48.175	48.363	48.559
135.0	49.323	48.775	48.226	48.775	49.323	48.853	48.383	48.800	49.216	48.907
137.5	48.138	48.179	48.221	48.179	48.138	47.861	47.584	47.849	48.114	48.118
140.0	46.952	47.584	48.216	47.584	46.952	46.869	46.785	46.898	47.011	47.330
142.5	47.241	47.444	47.648	47.444	47.241	47.011	46.780	47.038	47.295	47.516
145.0	47.530	47.305	47.079	47.305	47.530	47.153	46.775	47.177	47.579	47.702
147.5	46.393	46.354	46.315	46.354	46.393	46.494	46.594	46.413	46.232	46.577
150.0	45.256	45.403	45.550	45.403	45.256	45.835	46.413	45.649	44.884	45.453
152.5	44.933	44.948	44.962	44.948	44.933	45.146	45.360	44.896	44.433	44.806
155.0	44.610	44.492	44.374	44.492	44.610	44.458	44.306	44.144	43.982	44.159
157.5	44.154	44.078	44.002	44.078	44.154	44.005	43.855	43.860	43.865	43.772
160.0	43.698	43.664	43.630	43.664	43.698	43.551	43.404	43.576	43.747	43.385
162.5	42.312	42.192	42.072	42.192	42.312	42.074	41.836	42.120	42.405	42.015
165.0	40.925	40.719	40.513	40.719	40.925	40.597	40.268	40.665	41.062	40.646
167.5	39.842	40.011	40.180	40.011	39.842	39.781	39.720	40.026	40.332	40.259
170.0	38.759	39.303	39.847	39.303	38.759	38.965	39.171	39.387	39.602	39.872
172.5	37.676	38.027	38.377	38.027	37.676	37.701	37.726	38.015	38.304	38.605
175.0	36.593	36.750	36.907	36.750	36.593	36.437	36.280	36.643	37.005	37.338
177.5	36.216	35.981	35.746	35.981	36.216	36.204	36.192	36.089	35.986	36.243
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5	220.0	222.5
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.156	52.131	52.107	52.236	52.366	52.153	51.940	52.116	52.293	52.300
5.0	51.803	51.754	51.705	51.965	52.224	51.798	51.372	51.725	52.077	52.092
7.5	51.686	51.717	51.749	51.702	51.656	51.379	51.103	51.512	51.921	51.641
10.0	51.568	51.681	51.793	51.440	51.087	50.960	50.833	51.299	51.764	51.191
12.5	51.838	51.575	51.313	51.085	50.857	50.811	50.764	51.306	51.847	51.333
15.0	52.107	51.470	50.833	50.730	50.627	50.661	50.695	51.313	51.930	51.475
17.5	51.465	51.105	50.745	50.610	50.475	50.421	50.367	50.950	51.533	51.183
20.0	50.823	50.740	50.656	50.490	50.323	50.181	50.039	50.588	51.136	50.891
22.5	51.249	50.913	50.578	50.683	50.789	50.796	50.804	50.870	50.936	50.764
25.0	51.675	51.087	50.499	50.877	51.254	51.411	51.568	51.152	50.735	50.637
27.5	51.876	51.526	51.176	51.274	51.372	51.504	51.637	51.468	51.299	51.152
30.0	52.077	51.965	51.852	51.671	51.489	51.597	51.705	51.784	51.862	51.666
32.5	51.818	51.857	51.896	51.673	51.450	51.560	51.671	51.752	51.833	51.713
35.0	51.558	51.749	51.940	51.676	51.411	51.524	51.636	51.720	51.803	51.759
37.5	50.740	50.896	51.053	50.720	50.387	50.698	51.009	50.720	50.431	50.365
40.0	49.921	50.044	50.166	49.765	49.363	49.873	50.382	49.721	49.059	48.971
42.5	49.779	49.799	49.818	49.566	49.314	49.495	49.677	49.233	48.790	48.669
45.0	49.637	49.554	49.470	49.368	49.265	49.118	48.971	48.746	48.520	48.368
47.5	49.103	49.132	49.162	49.206	49.250	49.137	49.025	48.912	48.799	48.625
50.0	48.569	48.711	48.853	49.044	49.235	49.157	49.078	49.078	49.078	48.882
52.5	49.089	48.922	48.755	49.164	49.573	49.509	49.446	49.289	49.132	49.100
55.0	49.608	49.133	48.657	49.284	49.911	49.862	49.813	49.500	49.186	49.319
57.5	49.897	49.752	49.608	50.000	50.392	50.453	50.514	50.294	50.073	50.120
60.0	50.186	50.372	50.558	50.715	50.872	51.044	51.215	51.088	50.960	50.921
62.5	49.490	49.823	50.157	50.147	50.137	50.203	50.269	50.179	50.088	49.922
65.0	48.794	49.275	49.755	49.579	49.402	49.363	49.323	49.270	49.216	48.922
67.5	48.652	48.696	48.741	48.880	49.020	49.100	49.181	49.086	48.991	48.721
70.0	48.510	48.118	47.726	48.182	48.637	48.838	49.039	48.902	48.765	48.520
72.5	48.716	48.385	48.055	48.079	48.103	48.576	49.049	48.733	48.417	48.241
75.0	48.922	48.653	48.383	47.976	47.569	48.314	49.059	48.564	48.069	47.961
77.5	48.755	48.841	48.927	48.682	48.437	48.767	49.098	48.973	48.848	48.868
80.0	48.588	49.029	49.470	49.387	49.304	49.221	49.137	49.382	49.627	49.774
82.5	48.829	48.914	49.000	48.836	48.672	48.892	49.113	49.247	49.382	49.436
85.0	49.069	48.800	48.530	48.285	48.040	48.564	49.088	49.113	49.137	49.098
87.5	48.648	48.704	48.760	48.474	48.187	48.532	48.878	48.792	48.706	48.716
90.0	48.226	48.608	48.990	48.662	48.334	48.501	48.667	48.471	48.275	48.334
92.5	47.962	48.346	48.731	48.491	48.251	48.148	48.045	48.094	48.143	48.218
95.0	47.697	48.084	48.471	48.319	48.167	47.795	47.422	47.716	48.010	48.103
97.5	48.197	48.692	49.187	49.066	48.946	48.664	48.383	48.542	48.701	48.701
100.0	48.696	49.299	49.902	49.814	49.725	49.534	49.343	49.368	49.392	49.299
102.5	48.706	48.932	49.157	49.164	49.172	49.162	49.152	49.096	49.039	48.807
105.0	48.716	48.564	48.412	48.515	48.618	48.790	48.961	48.824	48.686	48.314
107.5	49.030	48.875	48.721	48.716	48.711	48.843	48.976	48.904	48.833	48.547
110.0	49.343	49.186	49.029	48.917	48.804	48.897	48.990	48.985	48.980	48.780
112.5	49.020	48.900	48.780	48.642	48.505	48.870	49.235	49.113	48.990	48.900
115.0	48.696	48.613	48.530	48.368	48.206	48.843	49.480	49.240	49.000	49.020
117.5	49.995	50.081	50.167	49.929	49.691	49.924	50.157	50.223	50.289	49.985
120.0	51.293	51.548	51.803	51.490	51.176	51.005	50.833	51.205	51.577	50.950
122.5	49.686	50.029	50.372	50.313	50.255	50.019	49.784	49.779	49.774	49.485
125.0	48.079	48.510	48.941	49.137	49.333	49.034	48.735	48.353	47.971	48.020
127.5	48.496	48.576	48.657	48.863	49.069	48.819	48.569	48.312	48.055	48.175
130.0	48.912	48.643	48.373	48.589	48.804	48.603	48.402	48.270	48.138	48.329

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

132.5	48.755	48.535	48.314	48.696	49.079	48.669	48.260	48.309	48.359	48.346
135.0	48.598	48.427	48.255	48.804	49.353	48.736	48.118	48.349	48.579	48.363
137.5	48.123	48.199	48.275	48.368	48.461	48.170	47.878	47.991	48.104	48.081
140.0	47.648	47.971	48.294	47.932	47.569	47.604	47.638	47.633	47.628	47.800
142.5	47.736	47.670	47.604	47.738	47.873	47.900	47.927	47.633	47.339	47.513
145.0	47.824	47.369	46.913	47.545	48.177	48.197	48.216	47.633	47.050	47.227
147.5	46.923	46.445	45.967	46.501	47.035	46.915	46.795	46.411	46.026	46.188
150.0	46.021	45.521	45.021	45.457	45.893	45.634	45.374	45.188	45.002	45.149
152.5	45.178	44.740	44.301	44.757	45.212	45.068	44.923	44.661	44.399	44.495
155.0	44.335	43.958	43.581	44.056	44.531	44.502	44.472	44.134	43.796	43.840
157.5	43.679	43.603	43.527	43.480	43.434	43.421	43.409	43.294	43.179	43.132
160.0	43.022	43.248	43.473	42.905	42.336	42.341	42.346	42.454	42.561	42.424
162.5	41.626	41.934	42.243	41.819	41.395	41.653	41.910	41.709	41.508	41.630
165.0	40.229	40.621	41.013	40.734	40.454	40.964	41.474	40.964	40.454	40.837
167.5	40.185	40.053	39.921	40.089	40.258	40.246	40.234	39.869	39.504	39.702
170.0	40.141	39.485	38.828	39.445	40.062	39.528	38.994	38.774	38.553	38.568
172.5	38.906	38.299	37.691	37.975	38.259	38.085	37.911	37.767	37.622	37.603
175.0	37.671	37.113	36.554	36.505	36.456	36.642	36.828	36.760	36.691	36.637
177.5	36.500	36.365	36.231	36.079	35.927	36.143	36.358	36.275	36.192	35.885
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.308	52.107	51.906	51.884	51.862	52.129	52.396	52.423	52.450	52.121
5.0	52.107	51.705	51.303	51.259	51.215	51.749	52.283	52.337	52.391	51.735
7.5	51.362	51.440	51.519	51.357	51.196	51.379	51.563	51.497	51.431	51.093
10.0	50.617	51.176	51.734	51.455	51.176	51.009	50.842	50.656	50.470	50.451
12.5	50.818	51.019	51.220	51.036	50.853	50.909	50.965	50.862	50.759	50.627
15.0	51.019	50.862	50.705	50.617	50.529	50.808	51.087	51.068	51.048	50.803
17.5	50.833	50.529	50.225	50.203	50.181	50.678	51.176	50.845	50.514	50.475
20.0	50.646	50.196	49.745	49.789	49.833	50.549	51.264	50.622	49.980	50.147
22.5	50.593	50.629	50.666	50.754	50.843	51.080	51.318	50.855	50.392	50.713
25.0	50.539	51.063	51.587	51.720	51.852	51.612	51.372	51.088	50.803	51.279
27.5	51.005	51.595	52.185	51.921	51.656	51.482	51.308	51.161	51.014	51.445
30.0	51.470	52.127	52.783	52.122	51.460	51.352	51.244	51.235	51.225	51.612
32.5	51.593	51.703	51.813	51.644	51.475	51.636	51.798	51.590	51.382	51.600
35.0	51.715	51.279	50.842	51.166	51.489	51.921	52.352	51.945	51.538	51.587
37.5	50.299	50.240	50.181	50.414	50.647	50.666	50.686	50.747	50.808	50.600
40.0	48.882	49.201	49.519	49.662	49.804	49.412	49.020	49.549	50.078	49.613
42.5	48.549	49.108	49.666	49.598	49.530	49.240	48.951	49.071	49.191	49.017
45.0	48.216	49.015	49.813	49.534	49.255	49.069	48.882	48.593	48.304	48.422
47.5	48.451	48.895	49.338	49.284	49.231	49.152	49.074	48.772	48.471	48.684
50.0	48.686	48.775	48.863	49.035	49.206	49.236	49.265	48.951	48.637	48.946
52.5	49.069	49.137	49.206	49.356	49.505	49.400	49.294	48.919	48.544	49.005
55.0	49.451	49.500	49.549	49.677	49.804	49.564	49.323	48.887	48.451	49.064
57.5	50.167	50.287	50.407	50.321	50.235	49.973	49.711	49.715	49.720	50.110
60.0	50.882	51.073	51.264	50.965	50.666	50.382	50.098	50.544	50.989	51.156
62.5	49.755	50.137	50.519	50.152	49.784	49.539	49.294	49.652	50.009	50.252
65.0	48.628	49.201	49.774	49.338	48.902	48.696	48.490	48.760	49.029	49.348
67.5	48.452	48.858	49.265	49.093	48.922	48.767	48.613	48.517	48.422	48.618
70.0	48.275	48.515	48.755	48.848	48.941	48.838	48.735	48.275	47.814	47.888
72.5	48.064	48.481	48.897	48.912	48.927	48.723	48.520	48.255	47.991	48.255
75.0	47.853	48.446	49.039	48.976	48.912	48.608	48.304	48.236	48.167	48.623
77.5	48.887	49.130	49.373	49.020	48.667	48.829	48.990	48.792	48.594	48.802

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

80.0	49.921	49.814	49.706	49.064	48.422	49.049	49.676	49.348	49.020	48.981
82.5	49.490	49.172	48.853	48.785	48.716	48.807	48.897	48.733	48.569	48.785
85.0	49.059	48.530	48.000	48.505	49.010	48.564	48.118	48.118	48.118	48.589
87.5	48.726	48.620	48.515	48.855	49.196	48.748	48.300	48.405	48.510	48.613
90.0	48.392	48.711	49.029	49.206	49.382	48.932	48.481	48.692	48.902	48.638
92.5	48.294	48.574	48.853	48.782	48.711	48.466	48.221	48.324	48.427	48.219
95.0	48.196	48.437	48.677	48.359	48.040	48.001	47.961	47.956	47.951	47.800
97.5	48.701	48.873	49.045	48.689	48.334	48.564	48.794	48.547	48.299	48.324
100.0	49.206	49.309	49.412	49.020	48.628	49.128	49.627	49.137	48.647	48.848
102.5	48.574	48.893	49.211	48.733	48.256	48.638	49.020	48.939	48.858	48.799
105.0	47.942	48.476	49.010	48.447	47.883	48.148	48.412	48.741	49.069	48.751
107.5	48.261	48.753	49.245	48.819	48.393	48.601	48.809	48.946	49.084	48.731
110.0	48.579	49.030	49.480	49.191	48.902	49.054	49.206	49.152	49.098	48.711
112.5	48.809	48.976	49.142	48.794	48.447	48.562	48.677	48.623	48.569	48.520
115.0	49.039	48.922	48.804	48.398	47.991	48.069	48.147	48.094	48.040	48.329
117.5	49.681	49.831	49.980	49.953	49.927	49.703	49.480	49.495	49.510	49.806
120.0	50.323	50.740	51.156	51.509	51.862	51.338	50.813	50.897	50.980	51.284
122.5	49.196	49.571	49.946	50.049	50.152	50.164	50.176	50.115	50.054	50.115
125.0	48.069	48.402	48.735	48.588	48.441	48.990	49.539	49.333	49.127	48.946
127.5	48.295	48.277	48.260	48.508	48.755	48.853	48.951	48.770	48.588	48.375
130.0	48.520	48.153	47.785	48.427	49.069	48.716	48.363	48.206	48.049	47.804
132.5	48.334	48.155	47.976	48.432	48.888	48.562	48.236	48.157	48.079	48.262
135.0	48.147	48.157	48.167	48.437	48.706	48.407	48.108	48.108	48.108	48.721
137.5	48.059	47.797	47.535	47.768	48.001	48.005	48.010	48.052	48.094	48.216
140.0	47.971	47.437	46.903	47.099	47.295	47.604	47.912	47.996	48.079	47.712
142.5	47.687	47.293	46.898	47.239	47.579	47.706	47.834	47.831	47.829	47.670
145.0	47.403	47.148	46.893	47.378	47.863	47.809	47.755	47.667	47.579	47.628
147.5	46.350	46.293	46.237	46.687	47.138	47.101	47.065	46.859	46.653	46.714
150.0	45.296	45.438	45.580	45.997	46.413	46.394	46.374	46.051	45.727	45.801
152.5	44.590	44.549	44.507	44.759	45.012	45.313	45.615	45.171	44.728	44.958
155.0	43.884	43.659	43.434	43.522	43.610	44.233	44.855	44.292	43.728	44.115
157.5	43.086	43.029	42.973	43.319	43.664	43.894	44.125	43.620	43.116	43.554
160.0	42.287	42.400	42.512	43.115	43.718	43.556	43.394	42.949	42.503	42.993
162.5	41.753	41.902	42.052	42.076	42.101	42.096	42.091	42.020	41.949	42.228
165.0	41.219	41.405	41.591	41.038	40.484	40.636	40.788	41.092	41.395	41.464
167.5	39.901	39.996	40.092	39.960	39.828	39.948	40.068	40.178	40.288	40.246
170.0	38.583	38.588	38.592	38.882	39.171	39.259	39.347	39.264	39.180	39.029
172.5	37.583	37.737	37.892	38.061	38.230	38.120	38.010	38.201	38.392	38.311
175.0	36.583	36.887	37.191	37.240	37.289	36.981	36.672	37.138	37.603	37.593
177.5	35.579	36.061	36.544	36.258	35.971	35.839	35.707	36.214	36.721	36.677
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Horizontal Angles
Angles

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.793	51.793	51.793	51.994	52.195	52.359	52.523	52.413	52.303	52.413
5.0	51.078	51.078	51.078	51.480	51.881	52.210	52.538	52.318	52.097	52.318
7.5	50.755	50.911	51.068	51.377	51.685	51.673	51.661	51.441	51.220	51.441
10.0	50.431	50.745	51.058	51.274	51.489	51.137	50.784	50.564	50.343	50.564
12.5	50.495	50.713	50.931	51.367	51.803	51.573	51.343	51.019	50.696	51.019
15.0	50.558	50.681	50.803	51.460	52.116	52.009	51.901	51.475	51.048	51.475
17.5	50.436	50.445	50.455	50.813	51.171	51.168	51.166	51.161	51.156	51.161
20.0	50.313	50.210	50.107	50.166	50.225	50.328	50.431	50.848	51.264	50.848
22.5	51.034	50.742	50.450	50.404	50.358	50.622	50.887	51.168	51.450	51.168
25.0	51.754	51.274	50.793	50.642	50.490	50.916	51.342	51.489	51.636	51.489

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

27.5	51.877	51.438	50.999	50.975	50.951	51.205	51.460	51.450	51.440	51.450
30.0	51.999	51.602	51.205	51.308	51.411	51.494	51.577	51.411	51.244	51.411
32.5	51.818	51.678	51.538	51.533	51.529	51.590	51.651	51.509	51.367	51.509
35.0	51.636	51.754	51.871	51.759	51.646	51.685	51.724	51.607	51.489	51.607
37.5	50.392	50.671	50.950	50.806	50.661	50.504	50.348	50.612	50.877	50.612
40.0	49.147	49.588	50.029	49.853	49.676	49.324	48.971	49.618	50.264	49.618
42.5	48.843	49.069	49.294	49.355	49.417	49.125	48.834	49.429	50.024	49.429
45.0	48.539	48.549	48.559	48.858	49.157	48.927	48.696	49.240	49.784	49.240
47.5	48.897	48.848	48.799	49.034	49.270	49.150	49.030	49.132	49.235	49.132
50.0	49.255	49.147	49.039	49.211	49.382	49.373	49.363	49.025	48.686	49.025
52.5	49.466	49.093	48.721	49.071	49.422	49.473	49.525	49.135	48.745	49.135
55.0	49.676	49.039	48.402	48.932	49.461	49.574	49.686	49.245	48.804	49.245
57.5	50.500	50.059	49.618	49.762	49.907	50.225	50.544	50.245	49.946	50.245
60.0	51.323	51.078	50.833	50.593	50.352	50.877	51.401	51.244	51.087	51.244
62.5	50.495	50.438	50.382	49.956	49.529	49.889	50.250	50.382	50.514	50.382
65.0	49.666	49.799	49.931	49.319	48.706	48.902	49.098	49.520	49.941	49.520
67.5	48.814	49.017	49.221	48.709	48.197	48.601	49.005	49.093	49.182	49.093
70.0	47.961	48.236	48.510	48.099	47.687	48.300	48.912	48.667	48.422	48.667
72.5	48.520	48.402	48.285	48.211	48.138	48.380	48.623	48.312	48.001	48.312
75.0	49.078	48.569	48.059	48.324	48.588	48.461	48.334	47.957	47.579	47.957
77.5	49.010	48.963	48.917	48.809	48.701	48.596	48.491	48.471	48.451	48.471
80.0	48.941	49.358	49.774	49.294	48.814	48.731	48.647	48.985	49.323	48.985
82.5	49.000	49.108	49.216	49.069	48.922	48.684	48.446	48.647	48.848	48.647
85.0	49.059	48.858	48.657	48.843	49.029	48.637	48.245	48.309	48.373	48.309
87.5	48.716	48.949	49.182	49.025	48.868	48.826	48.784	48.588	48.393	48.588
90.0	48.373	49.040	49.706	49.206	48.706	49.015	49.323	48.868	48.412	48.868
92.5	48.011	48.476	48.942	48.741	48.540	48.515	48.490	48.576	48.662	48.576
95.0	47.648	47.913	48.177	48.275	48.373	48.015	47.657	48.285	48.912	48.285
97.5	48.349	48.601	48.853	49.000	49.147	48.931	48.716	48.907	49.098	48.907
100.0	49.049	49.289	49.529	49.725	49.921	49.848	49.774	49.529	49.284	49.529
102.5	48.741	48.966	49.191	49.000	48.809	49.047	49.284	48.912	48.540	48.912
105.0	48.432	48.643	48.853	48.275	47.697	48.246	48.794	48.295	47.795	48.295
107.5	48.378	48.836	49.294	48.733	48.172	48.679	49.186	48.929	48.672	48.929
110.0	48.324	49.030	49.735	49.191	48.647	49.113	49.578	49.564	49.549	49.564
112.5	48.471	49.049	49.627	48.990	48.353	48.770	49.186	49.034	48.883	49.034
115.0	48.618	49.069	49.519	48.789	48.059	48.427	48.794	48.505	48.216	48.505
117.5	50.103	50.034	49.965	49.884	49.804	50.056	50.308	50.147	49.985	50.147
120.0	51.587	50.999	50.411	50.980	51.548	51.685	51.822	51.788	51.754	51.788
122.5	50.176	49.816	49.456	49.760	50.064	50.296	50.529	50.215	49.902	50.215
125.0	48.765	48.633	48.500	48.540	48.579	48.907	49.235	48.642	48.049	48.642
127.5	48.162	48.263	48.363	48.518	48.672	48.540	48.407	48.106	47.804	48.106
130.0	47.559	47.893	48.226	48.496	48.765	48.172	47.579	47.569	47.559	47.569
132.5	48.446	48.309	48.172	48.400	48.628	48.383	48.138	48.238	48.339	48.238
135.0	49.333	48.726	48.118	48.304	48.490	48.593	48.696	48.907	49.118	48.907
137.5	48.339	48.057	47.775	47.956	48.138	48.089	48.040	48.008	47.976	48.008
140.0	47.344	47.388	47.432	47.609	47.785	47.584	47.383	47.109	46.834	47.109
142.5	47.511	47.444	47.378	47.577	47.775	47.677	47.579	47.412	47.246	47.412
145.0	47.677	47.501	47.324	47.545	47.765	47.770	47.775	47.716	47.657	47.716
147.5	46.776	46.776	46.776	46.692	46.609	46.829	47.050	46.663	46.276	46.663
150.0	45.874	46.051	46.227	45.840	45.452	45.889	46.325	45.610	44.894	45.610
152.5	45.188	45.274	45.360	45.139	44.918	44.977	45.036	44.835	44.634	44.835
155.0	44.502	44.497	44.492	44.438	44.384	44.066	43.747	44.061	44.374	44.061
157.5	43.993	43.747	43.502	43.551	43.600	43.358	43.115	43.453	43.791	43.453
160.0	43.483	42.998	42.512	42.664	42.816	42.650	42.483	42.846	43.208	42.846
162.5	42.508	42.216	41.924	41.770	41.616	41.780	41.944	41.853	41.763	41.853
165.0	41.532	41.434	41.336	40.876	40.415	40.910	41.405	40.861	40.317	40.861

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

167.5	40.205	40.457	40.709	40.310	39.911	40.190	40.469	40.160	39.852	40.160
170.0	38.877	39.480	40.082	39.744	39.406	39.470	39.533	39.460	39.386	39.460
172.5	38.230	38.210	38.191	38.147	38.103	38.401	38.700	38.369	38.039	38.369
175.0	37.583	36.941	36.299	36.549	36.799	37.333	37.867	37.279	36.691	37.279
177.5	36.633	36.204	35.775	35.890	36.005	36.449	36.892	36.483	36.074	36.483
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.523	52.359	52.195	51.994	51.793	51.793	51.793	52.121	52.450	52.423
5.0	52.538	52.210	51.881	51.480	51.078	51.078	51.078	51.735	52.391	52.337
7.5	51.661	51.673	51.685	51.377	51.068	50.911	50.755	51.093	51.431	51.497
10.0	50.784	51.137	51.489	51.274	51.058	50.745	50.431	50.451	50.470	50.656
12.5	51.343	51.573	51.803	51.367	50.931	50.713	50.495	50.627	50.759	50.862
15.0	51.901	52.009	52.116	51.460	50.803	50.681	50.558	50.803	51.048	51.068
17.5	51.166	51.168	51.171	50.813	50.455	50.445	50.436	50.475	50.514	50.845
20.0	50.431	50.328	50.225	50.166	50.107	50.210	50.313	50.147	49.980	50.622
22.5	50.887	50.622	50.358	50.404	50.450	50.742	51.034	50.713	50.392	50.855
25.0	51.342	50.916	50.490	50.642	50.793	51.274	51.754	51.279	50.803	51.088
27.5	51.460	51.205	50.951	50.975	50.999	51.438	51.877	51.445	51.014	51.161
30.0	51.577	51.494	51.411	51.308	51.205	51.602	51.999	51.612	51.225	51.235
32.5	51.651	51.590	51.529	51.533	51.538	51.678	51.818	51.600	51.382	51.590
35.0	51.724	51.685	51.646	51.759	51.871	51.754	51.636	51.587	51.538	51.945
37.5	50.348	50.504	50.661	50.806	50.950	50.671	50.392	50.600	50.808	50.747
40.0	48.971	49.324	49.676	49.853	50.029	49.588	49.147	49.613	50.078	49.549
42.5	48.834	49.125	49.417	49.355	49.294	49.069	48.843	49.017	49.191	49.071
45.0	48.696	48.927	49.157	48.858	48.559	48.549	48.539	48.422	48.304	48.593
47.5	49.030	49.150	49.270	49.034	48.799	48.848	48.897	48.684	48.471	48.772
50.0	49.363	49.373	49.382	49.211	49.039	49.147	49.255	48.946	48.637	48.951
52.5	49.525	49.473	49.422	49.071	48.721	49.093	49.466	49.005	48.544	48.919
55.0	49.686	49.574	49.461	48.932	48.402	49.039	49.676	49.064	48.451	48.887
57.5	50.544	50.225	49.907	49.762	49.618	50.059	50.500	50.110	49.720	49.715
60.0	51.401	50.877	50.352	50.593	50.833	51.078	51.323	51.156	50.989	50.544
62.5	50.250	49.889	49.529	49.956	50.382	50.438	50.495	50.252	50.009	49.652
65.0	49.098	48.902	48.706	49.319	49.931	49.799	49.666	49.348	49.029	48.760
67.5	49.005	48.601	48.197	48.709	49.221	49.017	48.814	48.618	48.422	48.517
70.0	48.912	48.300	47.687	48.099	48.510	48.236	47.961	47.888	47.814	48.275
72.5	48.623	48.380	48.138	48.211	48.285	48.402	48.520	48.255	47.991	48.255
75.0	48.334	48.461	48.588	48.324	48.059	48.569	49.078	48.623	48.167	48.236
77.5	48.491	48.596	48.701	48.809	48.917	48.963	49.010	48.802	48.594	48.792
80.0	48.647	48.731	48.814	49.294	49.774	49.358	48.941	48.981	49.020	49.348
82.5	48.446	48.684	48.922	49.069	49.216	49.108	49.000	48.785	48.569	48.733
85.0	48.245	48.637	49.029	48.843	48.657	48.858	49.059	48.589	48.118	48.118
87.5	48.784	48.826	48.868	49.025	49.182	48.949	48.716	48.613	48.510	48.405
90.0	49.323	49.015	48.706	49.206	49.706	49.040	48.373	48.638	48.902	48.692
92.5	48.490	48.515	48.540	48.741	48.942	48.476	48.011	48.219	48.427	48.324
95.0	47.657	48.015	48.373	48.275	48.177	47.913	47.648	47.800	47.951	47.956
97.5	48.716	48.931	49.147	49.000	48.853	48.601	48.349	48.324	48.299	48.547
100.0	49.774	49.848	49.921	49.725	49.529	49.289	49.049	48.848	48.647	49.137
102.5	49.284	49.047	48.809	49.000	49.191	48.966	48.741	48.799	48.858	48.939
105.0	48.794	48.246	47.697	48.275	48.853	48.643	48.432	48.751	49.069	48.741
107.5	49.186	48.679	48.172	48.733	49.294	48.836	48.378	48.731	49.084	48.946
110.0	49.578	49.113	48.647	49.191	49.735	49.030	48.324	48.711	49.098	49.152
112.5	49.186	48.770	48.353	48.990	49.627	49.049	48.471	48.520	48.569	48.623

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

115.0	48.794	48.427	48.059	48.789	49.519	49.069	48.618	48.329	48.040	48.094
117.5	50.308	50.056	49.804	49.884	49.965	50.034	50.103	49.806	49.510	49.495
120.0	51.822	51.685	51.548	50.980	50.411	50.999	51.587	51.284	50.980	50.897
122.5	50.529	50.296	50.064	49.760	49.456	49.816	50.176	50.115	50.054	50.115
125.0	49.235	48.907	48.579	48.540	48.500	48.633	48.765	48.946	49.127	49.333
127.5	48.407	48.540	48.672	48.518	48.363	48.263	48.162	48.375	48.588	48.770
130.0	47.579	48.172	48.765	48.496	48.226	47.893	47.559	47.804	48.049	48.206
132.5	48.138	48.383	48.628	48.400	48.172	48.309	48.446	48.262	48.079	48.157
135.0	48.696	48.593	48.490	48.304	48.118	48.726	49.333	48.721	48.108	48.108
137.5	48.040	48.089	48.138	47.956	47.775	48.057	48.339	48.216	48.094	48.052
140.0	47.383	47.584	47.785	47.609	47.432	47.388	47.344	47.712	48.079	47.996
142.5	47.579	47.677	47.775	47.577	47.378	47.444	47.511	47.670	47.829	47.831
145.0	47.775	47.770	47.765	47.545	47.324	47.501	47.677	47.628	47.579	47.667
147.5	47.050	46.829	46.609	46.692	46.776	46.776	46.776	46.714	46.653	46.859
150.0	46.325	45.889	45.452	45.840	46.227	46.051	45.874	45.801	45.727	46.051
152.5	45.036	44.977	44.918	45.139	45.360	45.274	45.188	44.958	44.728	45.171
155.0	43.747	44.066	44.384	44.438	44.492	44.497	44.502	44.115	43.728	44.292
157.5	43.115	43.358	43.600	43.551	43.502	43.747	43.993	43.554	43.116	43.620
160.0	42.483	42.650	42.816	42.664	42.512	42.998	43.483	42.993	42.503	42.949
162.5	41.944	41.780	41.616	41.770	41.924	42.216	42.508	42.228	41.949	42.020
165.0	41.405	40.910	40.415	40.876	41.336	41.434	41.532	41.464	41.395	41.092
167.5	40.469	40.190	39.911	40.310	40.709	40.457	40.205	40.246	40.288	40.178
170.0	39.533	39.470	39.406	39.744	40.082	39.480	38.877	39.029	39.180	39.264
172.5	38.700	38.401	38.103	38.147	38.191	38.210	38.230	38.311	38.392	38.201
175.0	37.867	37.333	36.799	36.549	36.299	36.941	37.583	37.593	37.603	37.138
177.5	36.892	36.449	36.005	35.890	35.775	36.204	36.633	36.677	36.721	36.214
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles	Horizontal Angles									
	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	52.396	52.129	51.862	51.884	51.906	52.107	52.308	52.300	52.293	52.116
5.0	52.283	51.749	51.215	51.259	51.303	51.705	52.107	52.092	52.077	51.725
7.5	51.563	51.379	51.196	51.357	51.519	51.440	51.362	51.641	51.921	51.512
10.0	50.842	51.009	51.176	51.455	51.734	51.176	50.617	51.191	51.764	51.299
12.5	50.965	50.909	50.853	51.036	51.220	51.019	50.818	51.333	51.847	51.306
15.0	51.087	50.808	50.529	50.617	50.705	50.862	51.019	51.475	51.930	51.313
17.5	51.176	50.678	50.181	50.203	50.225	50.529	50.833	51.183	51.533	50.950
20.0	51.264	50.549	49.833	49.789	49.745	50.196	50.646	50.891	51.136	50.588
22.5	51.318	51.080	50.843	50.754	50.666	50.629	50.593	50.764	50.936	50.870
25.0	51.372	51.612	51.852	51.720	51.587	51.063	50.539	50.637	50.735	51.152
27.5	51.308	51.482	51.656	51.921	52.185	51.595	51.005	51.152	51.299	51.468
30.0	51.244	51.352	51.460	52.122	52.783	52.127	51.470	51.666	51.862	51.784
32.5	51.798	51.636	51.475	51.644	51.813	51.703	51.593	51.713	51.833	51.752
35.0	52.352	51.921	51.489	51.166	50.842	51.279	51.715	51.759	51.803	51.720
37.5	50.686	50.666	50.647	50.414	50.181	50.240	50.299	50.365	50.431	50.720
40.0	49.020	49.412	49.804	49.662	49.519	49.201	48.882	48.971	49.059	49.721
42.5	48.951	49.240	49.530	49.598	49.666	49.108	48.549	48.669	48.790	49.233
45.0	48.882	49.069	49.255	49.534	49.813	49.015	48.216	48.368	48.520	48.746
47.5	49.074	49.152	49.231	49.284	49.338	48.895	48.451	48.625	48.799	48.912
50.0	49.265	49.236	49.206	49.035	48.863	48.775	48.686	48.882	49.078	49.078
52.5	49.294	49.400	49.505	49.356	49.206	49.137	49.069	49.100	49.132	49.289
55.0	49.323	49.564	49.804	49.677	49.549	49.500	49.451	49.319	49.186	49.500
57.5	49.711	49.973	50.235	50.321	50.407	50.287	50.167	50.120	50.073	50.294
60.0	50.098	50.382	50.666	50.965	51.264	51.073	50.882	50.921	50.960	51.088

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

62.5	49.294	49.539	49.784	50.152	50.519	50.137	49.755	49.922	50.088	50.179
65.0	48.490	48.696	48.902	49.338	49.774	49.201	48.628	48.922	49.216	49.270
67.5	48.613	48.767	48.922	49.093	49.265	48.858	48.452	48.721	48.991	49.086
70.0	48.735	48.838	48.941	48.848	48.755	48.515	48.275	48.520	48.765	48.902
72.5	48.520	48.723	48.927	48.912	48.897	48.481	48.064	48.241	48.417	48.733
75.0	48.304	48.608	48.912	48.976	49.039	48.446	47.853	47.961	48.069	48.564
77.5	48.990	48.829	48.667	49.020	49.373	49.130	48.887	48.868	48.848	48.973
80.0	49.676	49.049	48.422	49.064	49.706	49.814	49.921	49.774	49.627	49.382
82.5	48.897	48.807	48.716	48.785	48.853	49.172	49.490	49.436	49.382	49.247
85.0	48.118	48.564	49.010	48.505	48.000	48.530	49.059	49.098	49.137	49.113
87.5	48.300	48.748	49.196	48.855	48.515	48.620	48.726	48.716	48.706	48.792
90.0	48.481	48.932	49.382	49.206	49.029	48.711	48.392	48.334	48.275	48.471
92.5	48.221	48.466	48.711	48.782	48.853	48.574	48.294	48.218	48.143	48.094
95.0	47.961	48.001	48.040	48.359	48.677	48.437	48.196	48.103	48.010	47.716
97.5	48.794	48.564	48.334	48.689	49.045	48.873	48.701	48.701	48.701	48.542
100.0	49.627	49.128	48.628	49.020	49.412	49.309	49.206	49.299	49.392	49.368
102.5	49.020	48.638	48.256	48.733	49.211	48.893	48.574	48.807	49.039	49.096
105.0	48.412	48.148	47.883	48.447	49.010	48.476	47.942	48.314	48.686	48.824
107.5	48.809	48.601	48.393	48.819	49.245	48.753	48.261	48.547	48.833	48.904
110.0	49.206	49.054	48.902	49.191	49.480	49.030	48.579	48.780	48.980	48.985
112.5	48.677	48.562	48.447	48.794	49.142	48.976	48.809	48.900	48.990	49.113
115.0	48.147	48.069	47.991	48.398	48.804	48.922	49.039	49.020	49.000	49.240
117.5	49.480	49.703	49.927	49.953	49.980	49.831	49.681	49.985	50.289	50.223
120.0	50.813	51.338	51.862	51.509	51.156	50.740	50.323	50.950	51.577	51.205
122.5	50.176	50.164	50.152	50.049	49.946	49.571	49.196	49.485	49.774	49.779
125.0	49.539	48.990	48.441	48.588	48.735	48.402	48.069	48.020	47.971	48.353
127.5	48.951	48.853	48.755	48.508	48.260	48.277	48.295	48.175	48.055	48.312
130.0	48.363	48.716	49.069	48.427	47.785	48.153	48.520	48.329	48.138	48.270
132.5	48.236	48.562	48.888	48.432	47.976	48.155	48.334	48.346	48.359	48.309
135.0	48.108	48.407	48.706	48.437	48.167	48.157	48.147	48.363	48.579	48.349
137.5	48.010	48.005	48.001	47.768	47.535	47.797	48.059	48.081	48.104	47.991
140.0	47.912	47.604	47.295	47.099	46.903	47.437	47.971	47.800	47.628	47.633
142.5	47.834	47.706	47.579	47.239	46.898	47.293	47.687	47.513	47.339	47.633
145.0	47.755	47.809	47.863	47.378	46.893	47.148	47.403	47.227	47.050	47.633
147.5	47.065	47.101	47.138	46.687	46.237	46.293	46.350	46.188	46.026	46.411
150.0	46.374	46.394	46.413	45.997	45.580	45.438	45.296	45.149	45.002	45.188
152.5	45.615	45.313	45.012	44.759	44.507	44.549	44.590	44.495	44.399	44.661
155.0	44.855	44.233	43.610	43.522	43.434	43.659	43.884	43.840	43.796	44.134
157.5	44.125	43.894	43.664	43.319	42.973	43.029	43.086	43.132	43.179	43.294
160.0	43.394	43.556	43.718	43.115	42.512	42.400	42.287	42.424	42.561	42.454
162.5	42.091	42.096	42.101	42.076	42.052	41.902	41.753	41.630	41.508	41.709
165.0	40.788	40.636	40.484	41.038	41.591	41.405	41.219	40.837	40.454	40.964
167.5	40.068	39.948	39.828	39.960	40.092	39.996	39.901	39.702	39.504	39.869
170.0	39.347	39.259	39.171	38.882	38.592	38.588	38.583	38.568	38.553	38.774
172.5	38.010	38.120	38.230	38.061	37.892	37.737	37.583	37.603	37.622	37.767
175.0	36.672	36.981	37.289	37.240	37.191	36.887	36.583	36.637	36.691	36.760
177.5	35.707	35.839	35.971	36.258	36.544	36.061	35.579	35.885	36.192	36.275
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles **Horizontal Angles**

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508	52.508
2.5	51.940	52.153	52.366	52.236	52.107	52.131	52.156	52.185	52.214	52.373
5.0	51.372	51.798	52.224	51.965	51.705	51.754	51.803	51.862	51.920	52.239
7.5	51.103	51.379	51.656	51.702	51.749	51.717	51.686	51.433	51.181	51.548

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

10.0	50.833	50.960	51.087	51.440	51.793	51.681	51.568	51.005	50.441	50.858
12.5	50.764	50.811	50.857	51.085	51.313	51.575	51.838	51.250	50.662	50.904
15.0	50.695	50.661	50.627	50.730	50.833	51.470	52.107	51.495	50.882	50.951
17.5	50.367	50.421	50.475	50.610	50.745	51.105	51.465	51.240	51.014	50.987
20.0	50.039	50.181	50.323	50.490	50.656	50.740	50.823	50.985	51.146	51.024
22.5	50.804	50.796	50.789	50.683	50.578	50.913	51.249	51.112	50.975	50.776
25.0	51.568	51.411	51.254	50.877	50.499	51.087	51.675	51.239	50.803	50.529
27.5	51.637	51.504	51.372	51.274	51.176	51.526	51.876	51.550	51.225	51.127
30.0	51.705	51.597	51.489	51.671	51.852	51.965	52.077	51.862	51.646	51.725
32.5	51.671	51.560	51.450	51.673	51.896	51.857	51.818	51.607	51.396	51.685
35.0	51.636	51.524	51.411	51.676	51.940	51.749	51.558	51.352	51.146	51.646
37.5	51.009	50.698	50.387	50.720	51.053	50.896	50.740	50.367	49.995	50.338
40.0	50.382	49.873	49.363	49.765	50.166	50.044	49.921	49.382	48.843	49.030
42.5	49.677	49.495	49.314	49.566	49.818	49.799	49.779	49.152	48.525	48.642
45.0	48.971	49.118	49.265	49.368	49.470	49.554	49.637	48.922	48.206	48.255
47.5	49.025	49.137	49.250	49.206	49.162	49.132	49.103	48.762	48.422	48.674
50.0	49.078	49.157	49.235	49.044	48.853	48.711	48.569	48.603	48.637	49.093
52.5	49.446	49.509	49.573	49.164	48.755	48.922	49.089	49.066	49.044	49.181
55.0	49.813	49.862	49.911	49.284	48.657	49.133	49.608	49.530	49.451	49.270
57.5	50.514	50.453	50.392	50.000	49.608	49.752	49.897	50.201	50.505	50.404
60.0	51.215	51.044	50.872	50.715	50.558	50.372	50.186	50.872	51.558	51.539
62.5	50.269	50.203	50.137	50.147	50.157	49.823	49.490	49.774	50.059	50.309
65.0	49.323	49.363	49.402	49.579	49.755	49.275	48.794	48.677	48.559	49.079
67.5	49.181	49.100	49.020	48.880	48.741	48.696	48.652	48.628	48.603	48.593
70.0	49.039	48.838	48.637	48.182	47.726	48.118	48.510	48.579	48.647	48.108
72.5	49.049	48.576	48.103	48.079	48.055	48.385	48.716	48.672	48.628	48.363
75.0	49.059	48.314	47.569	47.976	48.383	48.653	48.922	48.765	48.608	48.618
77.5	49.098	48.767	48.437	48.682	48.927	48.841	48.755	49.017	49.280	49.189
80.0	49.137	49.221	49.304	49.387	49.470	49.029	48.588	49.270	49.951	49.760
82.5	49.113	48.892	48.672	48.836	49.000	48.914	48.829	48.959	49.089	49.162
85.0	49.088	48.564	48.040	48.285	48.530	48.800	49.069	48.648	48.226	48.564
87.5	48.878	48.532	48.187	48.474	48.760	48.704	48.648	48.449	48.251	48.726
90.0	48.667	48.501	48.334	48.662	48.990	48.608	48.226	48.251	48.275	48.888
92.5	48.045	48.148	48.251	48.491	48.731	48.346	47.962	48.305	48.648	48.907
95.0	47.422	47.795	48.167	48.319	48.471	48.084	47.697	48.359	49.020	48.927
97.5	48.383	48.664	48.946	49.066	49.187	48.692	48.197	48.621	49.045	49.260
100.0	49.343	49.534	49.725	49.814	49.902	49.299	48.696	48.883	49.069	49.593
102.5	49.152	49.162	49.172	49.164	49.157	48.932	48.706	48.657	48.608	49.154
105.0	48.961	48.790	48.618	48.515	48.412	48.564	48.716	48.432	48.147	48.716
107.5	48.976	48.843	48.711	48.716	48.721	48.875	49.030	48.892	48.755	48.807
110.0	48.990	48.897	48.804	48.917	49.029	49.186	49.343	49.353	49.363	48.898
112.5	49.235	48.870	48.505	48.642	48.780	48.900	49.020	49.223	49.427	49.035
115.0	49.480	48.843	48.206	48.368	48.530	48.613	48.696	49.093	49.490	49.172
117.5	50.157	49.924	49.691	49.929	50.167	50.081	49.995	49.997	50.000	49.813
120.0	50.833	51.005	51.176	51.490	51.803	51.548	51.293	50.901	50.509	50.455
122.5	49.784	50.019	50.255	50.313	50.372	50.029	49.686	49.551	49.417	49.684
125.0	48.735	49.034	49.333	49.137	48.941	48.510	48.079	48.202	48.324	48.912
127.5	48.569	48.819	49.069	48.863	48.657	48.576	48.496	48.206	47.917	48.231
130.0	48.402	48.603	48.804	48.589	48.373	48.643	48.912	48.211	47.510	47.550
132.5	48.260	48.669	49.079	48.696	48.314	48.535	48.755	48.559	48.363	48.175
135.0	48.118	48.736	49.353	48.804	48.255	48.427	48.598	48.907	49.216	48.800
137.5	47.878	48.170	48.461	48.368	48.275	48.199	48.123	48.118	48.114	47.849
140.0	47.638	47.604	47.569	47.932	48.294	47.971	47.648	47.330	47.011	46.898
142.5	47.927	47.900	47.873	47.738	47.604	47.670	47.736	47.516	47.295	47.038
145.0	48.216	48.197	48.177	47.545	46.913	47.369	47.824	47.702	47.579	47.177
147.5	46.795	46.915	47.035	46.501	45.967	46.445	46.923	46.577	46.232	46.413

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

150.0	45.374	45.634	45.893	45.457	45.021	45.521	46.021	45.453	44.884	45.649
152.5	44.923	45.068	45.212	44.757	44.301	44.740	45.178	44.806	44.433	44.896
155.0	44.472	44.502	44.531	44.056	43.581	43.958	44.335	44.159	43.982	44.144
157.5	43.409	43.421	43.434	43.480	43.527	43.603	43.679	43.772	43.865	43.860
160.0	42.346	42.341	42.336	42.905	43.473	43.248	43.022	43.385	43.747	43.576
162.5	41.910	41.653	41.395	41.819	42.243	41.934	41.626	42.015	42.405	42.120
165.0	41.474	40.964	40.454	40.734	41.013	40.621	40.229	40.646	41.062	40.665
167.5	40.234	40.246	40.258	40.089	39.921	40.053	40.185	40.259	40.332	40.026
170.0	38.994	39.528	40.062	39.445	38.828	39.485	40.141	39.872	39.602	39.387
172.5	37.911	38.085	38.259	37.975	37.691	38.299	38.906	38.605	38.304	38.015
175.0	36.828	36.642	36.456	36.505	36.554	37.113	37.671	37.338	37.005	36.643
177.5	36.358	36.143	35.927	36.079	36.231	36.365	36.500	36.243	35.986	36.089
180.0	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000

Vert. Angles **Horizontal Angles**

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	52.508	52.508	52.508	52.508	52.508
2.5	52.533	52.496	52.459	52.185	51.911
5.0	52.557	52.484	52.410	51.862	51.313
7.5	51.916	51.999	52.082	51.771	51.460
10.0	51.274	51.514	51.754	51.681	51.607
12.5	51.147	51.267	51.387	51.284	51.181
15.0	51.019	51.019	51.019	50.887	50.754
17.5	50.960	50.923	50.887	50.776	50.666
20.0	50.901	50.828	50.754	50.666	50.578
22.5	50.578	50.921	51.264	51.237	51.210
25.0	50.254	51.014	51.773	51.808	51.842
27.5	51.029	51.609	52.190	52.195	52.200
30.0	51.803	52.205	52.606	52.582	52.557
32.5	51.975	51.987	51.999	52.202	52.406
35.0	52.146	51.769	51.391	51.823	52.254
37.5	50.681	50.411	50.142	50.504	50.867
40.0	49.216	49.054	48.892	49.186	49.480
42.5	48.760	49.047	49.333	49.233	49.132
45.0	48.304	49.039	49.774	49.279	48.784
47.5	48.927	49.257	49.588	49.301	49.015
50.0	49.549	49.476	49.402	49.324	49.245
52.5	49.319	49.250	49.182	49.272	49.363
55.0	49.088	49.025	48.961	49.221	49.480
57.5	50.304	50.000	49.696	49.899	50.103
60.0	51.519	50.975	50.431	50.578	50.725
62.5	50.559	50.260	49.961	50.083	50.206
65.0	49.598	49.544	49.490	49.588	49.686
67.5	48.584	48.868	49.152	48.968	48.785
70.0	47.569	48.192	48.814	48.349	47.883
72.5	48.099	48.383	48.667	48.356	48.045
75.0	48.628	48.574	48.520	48.363	48.206
77.5	49.098	49.074	49.049	48.909	48.770
80.0	49.568	49.573	49.578	49.456	49.333
82.5	49.235	49.054	48.873	49.088	49.304
85.0	48.902	48.535	48.167	48.721	49.274
87.5	49.201	48.873	48.545	48.851	49.157
90.0	49.500	49.211	48.922	48.981	49.039
92.5	49.167	49.017	48.868	48.711	48.554
95.0	48.833	48.824	48.814	48.442	48.069

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

CANDELA TABULATION - (Cont.)

97.5	49.475	49.270	49.064	49.108	49.152
100.0	50.117	49.716	49.314	49.775	50.235
102.5	49.701	49.147	48.594	49.137	49.681
105.0	49.284	48.579	47.873	48.500	49.127
107.5	48.858	48.647	48.437	48.789	49.142
110.0	48.432	48.716	49.000	49.079	49.157
112.5	48.643	48.574	48.505	48.878	49.250
115.0	48.853	48.432	48.010	48.677	49.343
117.5	49.627	49.429	49.230	49.637	50.044
120.0	50.401	50.426	50.450	50.597	50.744
122.5	49.951	49.769	49.588	49.703	49.818
125.0	49.500	49.113	48.726	48.809	48.892
127.5	48.545	48.356	48.167	48.525	48.883
130.0	47.589	47.599	47.608	48.241	48.873
132.5	47.986	48.226	48.466	48.508	48.550
135.0	48.383	48.853	49.323	48.775	48.226
137.5	47.584	47.861	48.138	48.179	48.221
140.0	46.785	46.869	46.952	47.584	48.216
142.5	46.780	47.011	47.241	47.444	47.648
145.0	46.775	47.153	47.530	47.305	47.079
147.5	46.594	46.494	46.393	46.354	46.315
150.0	46.413	45.835	45.256	45.403	45.550
152.5	45.360	45.146	44.933	44.948	44.962
155.0	44.306	44.458	44.610	44.492	44.374
157.5	43.855	44.005	44.154	44.078	44.002
160.0	43.404	43.551	43.698	43.664	43.630
162.5	41.836	42.074	42.312	42.192	42.072
165.0	40.268	40.597	40.925	40.719	40.513
167.5	39.720	39.781	39.842	40.011	40.180
170.0	39.171	38.965	38.759	39.303	39.847
172.5	37.726	37.701	37.676	38.027	38.377
175.0	36.280	36.437	36.593	36.750	36.907
177.5	36.192	36.204	36.216	35.981	35.746
180.0	35.000	35.000	35.000	35.000	35.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	19.36	2.00	3.20
0-30	43.05	4.40	7.00
0-40	75.15	7.70	12.30
0-60	157.73	16.10	25.80
0-80	258.26	26.40	42.20
0-90	311.54	31.80	50.90
10-90	306.61	31.30	50.10
20-40	55.78	5.70	9.10
20-50	93.81	9.60	15.30
40-70	131.64	13.40	21.50
60-80	100.53	10.30	16.40
70-80	51.47	5.30	8.40
80-90	53.28	5.40	8.70
90-110	104.77	10.70	17.10
90-120	153.77	15.70	25.10
90-130	197.92	20.20	32.30
90-150	264.85	27.00	43.30
90-180	300.65	30.70	49.10
110-180	195.87	20.00	32.00
0-180	612.19	62.50	100.00

Total Luminaire Efficiency = 62.50%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	4.93
10-20	14.44
20-30	23.69
30-40	32.09
40-50	38.03
50-60	44.55
60-70	49.06
70-80	51.47
80-90	53.28
90-100	53.08
100-110	51.70
110-120	48.99
120-130	44.15
130-140	37.35
140-150	29.59
150-160	20.51
160-170	11.68
170-180	3.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	67	67	67	67	62	62	62	62	52	52	52	44	44	44	36	36	36	32
1	59	55	51	48	54	50	47	45	42	40	38	34	33	31	27	26	25	21
2	52	46	42	37	48	43	38	35	35	32	29	29	26	24	23	21	19	16
3	47	40	35	30	43	37	32	28	30	27	23	25	22	19	19	17	15	13
4	43	35	29	25	39	32	27	23	27	23	19	22	18	16	17	14	13	10
5	39	31	25	21	36	28	23	19	24	19	16	19	16	13	15	13	11	8
6	36	27	22	18	33	25	20	16	21	17	14	17	14	11	13	11	9	7
7	33	25	19	15	30	23	18	14	19	15	12	15	12	10	12	10	8	6
8	31	22	17	13	28	21	16	12	17	13	11	14	11	9	11	9	7	5
9	28	20	15	12	26	19	14	11	16	12	9	13	10	8	10	8	6	5
10	27	19	14	10	24	17	13	10	14	11	8	12	9	7	9	7	5	4

IES INDOOR REPORT
PHOTOMETRIC FILENAME : F07A19.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

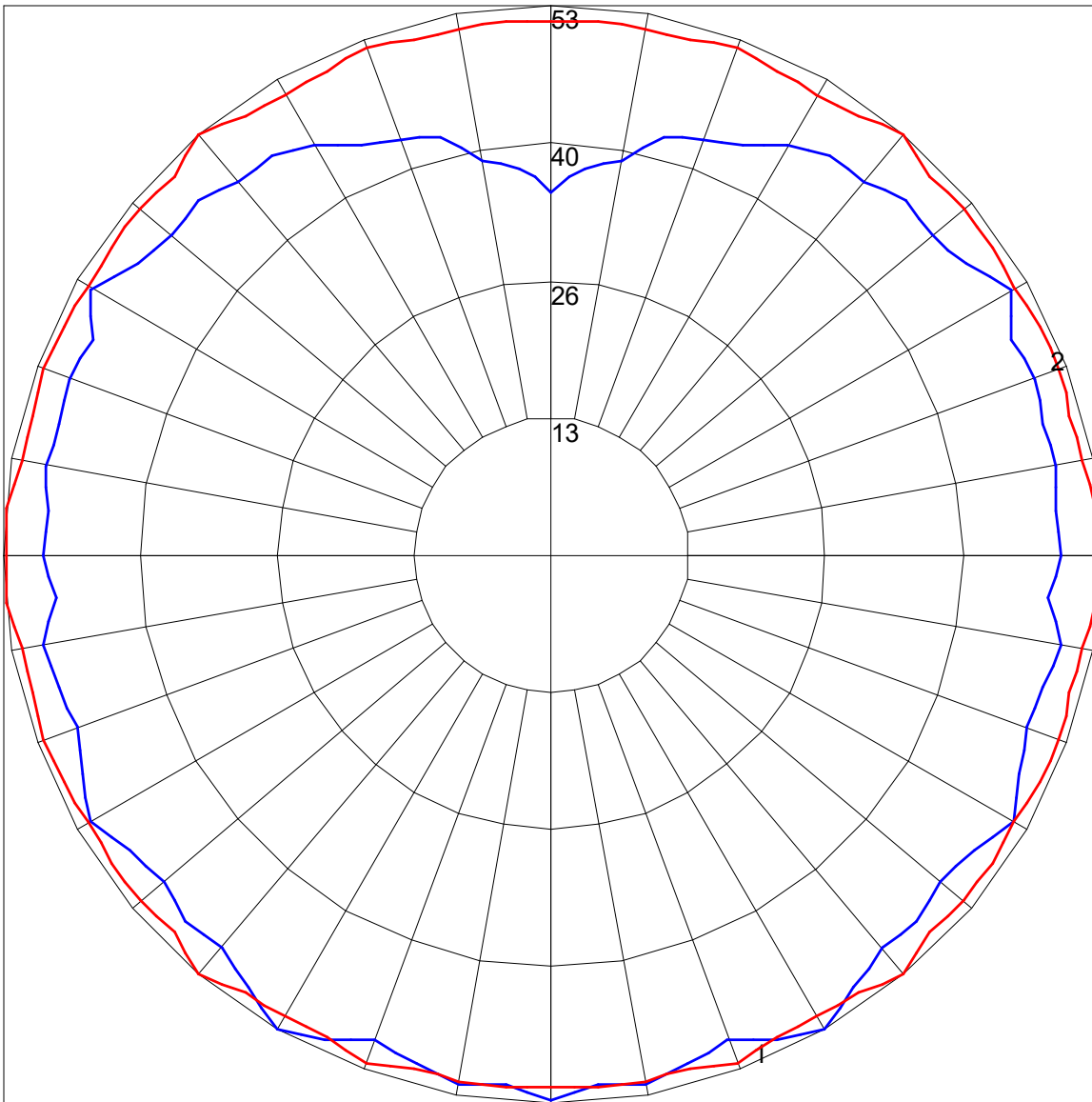
X=2H	Y=2H	11.4	12.4	12.3	13.3	14.6	11.4	12.4	12.3	13.3	14.6
	3H	14.7	15.6	15.6	16.6	17.9	14.7	15.6	15.6	16.6	17.9
	4H	16.6	17.4	17.5	18.4	19.7	16.6	17.4	17.5	18.4	19.7
	6H	18.7	19.5	19.6	20.5	21.8	18.6	19.5	19.6	20.4	21.7
	8H	19.8	20.6	20.8	21.6	22.9	19.8	20.6	20.7	21.5	22.8
	12H	21.1	21.9	22.1	22.8	24.1	21.1	21.8	22.0	22.8	24.1

UGR Viewed Endwise

4H	2H	12.3	13.2	13.3	14.2	15.5	12.4	13.2	13.3	14.2	15.5
	3H	15.9	16.7	16.9	17.7	19.0	16.0	16.7	16.9	17.7	19.0
	4H	18.0	18.7	19.0	19.7	21.0	18.0	18.7	19.0	19.7	21.0
	6H	20.3	20.9	21.2	21.9	23.2	20.2	20.9	21.2	21.9	23.2
	8H	21.5	22.1	22.5	23.1	24.4	21.5	22.1	22.5	23.1	24.4
	12H	22.9	23.5	23.9	24.5	25.8	22.9	23.4	23.9	24.4	25.8
8H	4H	18.8	19.4	19.8	20.4	21.7	18.8	19.4	19.8	20.4	21.7
	6H	21.3	21.9	22.3	22.9	24.2	21.3	21.8	22.3	22.9	24.2
	8H	22.8	23.2	23.8	24.3	25.6	22.7	23.2	23.7	24.2	25.6
	12H	24.4	24.8	25.4	25.8	27.2	24.3	24.8	25.3	25.8	27.2
12H	4H	19.0	19.6	20.0	20.6	21.9	19.0	19.6	20.0	20.6	21.9
	6H	21.7	22.2	22.7	23.2	24.5	21.7	22.1	22.7	23.2	24.5
	8H	23.2	23.6	24.2	24.7	26.0	23.2	23.6	24.2	24.6	26.0

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 52.783 Located At Horizontal Angle = 50, Vertical Angle = 30
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)