



IES INDOOR REPORT

PHOTOMETRIC FILENAME : POSILIPO - F75L01.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[MANUFAC] www.fabbian.com

[EULUMDAT_ITYP] 2

[EULUMDAT_HDIST] 15

[EULUMD_VDIST] 5

[TEST] CL248/07-04I

[LUMINAIRE] POSILLIPO SPOT LIGHT

[LUMCAT] F75L01

[EULUM_FILENAME] F75L01.LDT

[ISSUEDATE] LDT Editor version 1.3.1.0 - DIAL GmbH (www.dial.de) on 20-04-2026

[EULUM_AREALENGTH] 100

[EULUM_AREAWIDTH] 100

[EULUM_C0_LUM] 100

[EULUM_C90_LUM] 100

[EULUM_C180_LUM] 100

[EULUM_C270_LUM] 100

[EULUM_DOWN_FLUX] 79.62

[EULUM_EFFICIENCY] 55.6

[EULUM_CONV] 1

[EULUM_TILT] 0.0

[EULUM_LAMP_1_NUM] 1

[EULUM_LAMP_1_TYPE] LED

[EULUM_LAMP_1_FLUX] 250

[EULUM_LAMP_1_COLOR] 3000

[EULUM_LAMP_1_CRG] 0

[EULUM_LAMP_1_WATTS] 3

[LAMP] LED

[EULUM_DR_0] 0.26

[EULUM_DR_1] 0.34

[EULUM_DR_2] 0.4

[EULUM_DR_3] 0.47

[EULUM_DR_4] 0.52

[EULUM_DR_5] 0.61

[EULUM_DR_6] 0.66

[EULUM_DR_7] 0.71

[EULUM_DR_8] 0.76

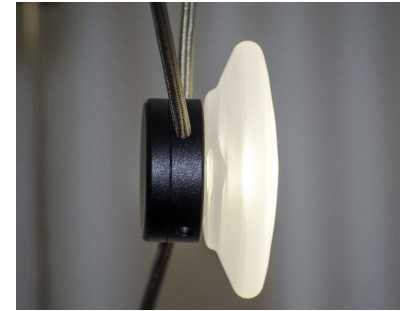
[EULUM_DR_9] 0.8

[CONVERT] Luminaire test position and photometric web converted from original test data to face out instead of down

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CHARACTERISTICS

Lumens Per Lamp	250 (1 lamp)
Total Lamp Lumens	250
Luminaire Lumens	139
Total Luminaire Efficiency	56 %
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	3
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	Rectangular w/Sides
Luminous Length (0-180)	0.10 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.10 m



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1637	952	488
55	1961	1061	538
65	2293	1214	581
75	2633	1379	621
85	3083	1578	667

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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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	4.135	4.141	4.145	4.149	4.151	4.153	4.153	4.152	4.150	4.147
5.0	4.698	4.709	4.721	4.732	4.744	4.728	4.728	4.725	4.721	4.714
7.5	5.712	5.724	5.730	5.731	5.726	5.715	5.699	5.677	5.649	5.616
10.0	6.725	6.743	6.760	6.778	6.734	6.717	6.692	6.660	6.621	6.575
12.5	7.886	7.898	7.899	7.889	7.869	7.837	7.795	7.743	7.680	7.608
15.0	9.047	9.063	9.079	9.035	9.005	8.962	8.907	8.839	8.760	8.669
17.5	10.251	10.254	10.240	10.210	10.165	10.105	10.031	9.942	9.840	9.725
20.0	11.455	11.458	11.460	11.379	11.318	11.240	11.146	11.036	10.911	10.771
22.5	12.678	12.664	12.628	12.571	12.494	12.396	12.278	12.141	11.985	11.812
25.0	13.900	13.890	13.831	13.761	13.667	13.551	13.413	13.253	13.074	12.875
27.5	15.112	15.080	15.022	14.938	14.828	14.693	14.534	14.352	14.147	13.921
30.0	16.323	16.297	16.210	16.110	15.981	15.826	15.644	15.437	15.205	14.951
32.5	17.494	17.443	17.360	17.246	17.102	16.929	16.728	16.499	16.245	15.965
35.0	18.665	18.620	18.505	18.374	18.210	18.014	17.788	17.533	17.251	16.943
37.5	19.774	19.699	19.589	19.444	19.266	19.055	18.813	18.542	18.242	17.929
40.0	20.882	20.814	20.666	20.501	20.299	20.063	19.794	19.494	19.186	18.864
42.5	22.024	21.914	21.760	21.566	21.333	21.064	20.762	20.439	20.122	19.773
45.0	23.165	23.055	22.850	22.624	22.358	22.054	21.715	21.386	21.038	20.661
47.5	24.286	24.131	23.926	23.672	23.372	23.030	22.668	22.313	21.929	21.516
50.0	25.407	25.258	24.995	24.710	24.376	23.997	23.623	23.226	22.799	22.344
52.5	26.365	26.171	25.926	25.631	25.289	24.917	24.551	24.112	23.641	23.145
55.0	27.323	27.137	26.835	26.509	26.134	25.731	25.310	24.872	24.423	23.907
57.5	28.148	27.959	27.707	27.386	26.990	26.514	26.022	25.529	25.030	24.564
60.0	28.972	28.848	28.586	28.279	27.844	27.305	26.738	26.152	25.619	25.222
62.5	29.731	29.522	29.262	28.967	28.547	28.048	27.413	26.768	26.353	25.927
65.0	30.490	30.210	29.878	29.507	29.060	28.546	27.965	27.507	27.047	26.581
67.5	31.003	30.767	30.460	30.054	29.578	29.056	28.540	28.103	27.663	27.171
70.0	31.515	31.328	31.058	30.586	30.044	29.510	29.099	28.624	28.146	27.731
72.5	31.886	31.733	31.504	31.022	30.470	29.968	29.512	29.052	28.675	28.301
75.0	32.257	32.137	31.876	31.402	30.877	30.370	29.860	29.552	29.270	28.864
77.5	32.552	32.498	32.223	31.790	31.289	30.730	30.383	30.095	29.783	29.416
80.0	32.847	32.884	32.554	32.093	31.589	31.197	30.862	30.614	30.252	29.909
82.5	33.131	33.151	32.860	32.325	31.954	31.529	31.220	30.965	30.658	30.313
85.0	33.415	33.529	33.103	32.697	32.260	31.846	31.520	31.270	30.994	30.622
87.5	33.461	33.548	33.311	32.803	32.373	32.035	31.709	31.448	31.183	30.803
90.0	33.507	33.449	33.390	32.919	32.447	32.130	31.813	31.570	31.327	30.944
92.5	33.444	33.393	33.157	32.616	32.130	31.861	31.585	31.379	31.154	30.774
95.0	33.380	33.523	32.944	32.527	32.070	31.671	31.365	31.162	30.935	30.564
97.5	33.158	33.193	32.825	32.251	31.843	31.432	31.125	30.887	30.591	30.240
100.0	32.935	32.907	32.531	32.030	31.516	31.134	30.808	30.552	30.176	29.825
102.5	32.687	32.510	32.164	31.695	31.227	30.721	30.388	30.092	29.745	29.359
105.0	32.438	32.161	31.809	31.349	30.858	30.398	29.941	29.643	29.334	28.943
107.5	32.103	31.824	31.490	31.025	30.501	30.028	29.622	29.233	28.831	28.448
110.0	31.767	31.478	31.123	30.649	30.115	29.580	29.221	28.779	28.305	27.878
112.5	31.244	30.960	30.620	30.201	29.712	29.157	28.659	28.246	27.808	27.291
115.0	30.720	30.431	30.069	29.631	29.136	28.619	28.090	27.663	27.190	26.699
117.5	29.969	29.680	29.326	28.904	28.470	28.019	27.497	26.939	26.508	26.056
120.0	29.218	28.959	28.571	28.156	27.723	27.288	26.811	26.296	25.766	25.284
122.5	28.343	28.073	27.744	27.361	26.931	26.536	26.088	25.589	25.051	24.519
125.0	27.468	27.244	26.894	26.528	26.124	25.727	25.306	24.844	24.343	23.782
127.5	26.357	26.158	25.904	25.603	25.264	24.898	24.509	24.033	23.529	23.002
130.0	25.245	25.125	24.883	24.617	24.299	23.933	23.537	23.110	22.654	22.174
132.5	24.041	23.914	23.733	23.500	23.218	22.892	22.531	22.159	21.760	21.320

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CANDELA TABULATION - (Cont.)

135.0	22.837	22.758	22.582	22.388	22.154	21.884	21.583	21.249	20.874	20.461
137.5	21.676	21.601	21.482	21.322	21.126	20.895	20.633	20.338	19.974	19.576
140.0	20.515	20.485	20.373	20.242	20.073	19.868	19.628	19.355	19.032	18.665
142.5	19.373	19.333	19.256	19.142	18.993	18.810	18.595	18.349	18.072	17.733
145.0	18.230	18.217	18.134	18.033	17.900	17.733	17.535	17.306	17.047	16.760
147.5	17.069	17.044	16.987	16.899	16.780	16.631	16.453	16.246	16.012	15.753
150.0	15.908	15.903	15.844	15.772	15.671	15.543	15.387	15.203	14.991	14.752
152.5	14.862	14.837	14.789	14.717	14.619	14.497	14.349	14.177	13.980	13.758
155.0	13.815	13.798	13.733	13.657	13.559	13.438	13.295	13.131	12.947	12.743
157.5	12.650	12.627	12.582	12.517	12.432	12.327	12.202	12.058	11.896	11.716
160.0	11.485	11.476	11.467	11.373	11.299	11.209	11.102	10.979	10.842	10.690
162.5	10.268	10.260	10.236	10.196	10.140	10.070	9.985	9.886	9.773	9.647
165.0	9.050	9.058	9.066	9.014	8.975	8.925	8.862	8.787	8.700	8.602
167.5	7.889	7.894	7.889	7.873	7.846	7.809	7.761	7.703	7.635	7.558
170.0	6.727	6.740	6.753	6.766	6.718	6.697	6.669	6.634	6.591	6.542
172.5	5.720	5.730	5.733	5.731	5.724	5.711	5.692	5.668	5.638	5.603
175.0	4.713	4.723	4.733	4.743	4.753	4.735	4.732	4.728	4.721	4.712
177.5	4.117	4.122	4.126	4.129	4.131	4.132	4.132	4.130	4.128	4.124
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	4.143	4.138	4.132	4.125	4.117	4.107	4.097	4.086	4.074	4.061
5.0	4.705	4.694	4.681	4.666	4.649	4.631	4.610	4.588	4.563	4.537
7.5	5.578	5.534	5.486	5.432	5.373	5.310	5.242	5.169	5.092	5.011
10.0	6.522	6.462	6.396	6.323	6.243	6.158	6.066	5.969	5.866	5.758
12.5	7.526	7.435	7.335	7.226	7.109	6.989	6.874	6.751	6.623	6.487
15.0	8.567	8.454	8.330	8.197	8.053	7.900	7.738	7.568	7.389	7.202
17.5	9.597	9.457	9.306	9.146	8.975	8.795	8.604	8.404	8.195	7.977
20.0	10.618	10.452	10.273	10.082	9.881	9.668	9.446	9.215	8.976	8.728
22.5	11.622	11.419	11.211	10.991	10.759	10.517	10.266	10.040	9.812	9.580
25.0	12.657	12.421	12.169	11.900	11.616	11.383	11.149	10.904	10.649	10.385
27.5	13.675	13.409	13.126	12.858	12.595	12.319	12.030	11.770	11.451	11.160
30.0	14.675	14.378	14.112	13.860	13.542	13.235	12.916	12.584	12.242	11.899
32.5	15.660	15.376	15.078	14.767	14.445	14.112	13.764	13.403	13.032	12.652
35.0	16.648	16.333	15.999	15.654	15.298	14.933	14.562	14.183	13.784	13.376
37.5	17.600	17.250	16.883	16.499	16.136	15.704	15.303	14.897	14.488	14.062
40.0	18.514	18.136	17.733	17.314	16.882	16.437	15.992	15.560	15.116	14.651
42.5	19.393	18.985	18.550	18.093	17.626	17.149	16.664	16.174	15.696	15.200
45.0	20.257	19.816	19.348	18.855	18.339	17.834	17.324	16.800	16.265	15.738
47.5	21.078	20.616	20.128	19.602	19.065	18.511	17.953	17.401	16.837	16.264
50.0	21.868	21.370	20.852	20.327	19.762	19.174	18.572	17.970	17.379	16.778
52.5	22.627	22.082	21.523	20.963	20.404	19.804	19.171	18.525	17.889	17.264
55.0	23.357	22.775	22.141	21.540	20.953	20.372	19.734	19.060	18.389	17.777
57.5	24.095	23.478	22.806	22.083	21.441	20.838	20.261	19.647	18.990	18.315
60.0	24.740	24.177	23.473	22.705	21.889	21.368	20.847	20.272	19.578	18.858
62.5	25.416	24.815	24.133	23.375	22.667	21.995	21.435	20.839	20.151	19.394
65.0	26.115	25.487	24.799	24.101	23.377	22.672	22.022	21.384	20.706	19.913
67.5	26.679	26.162	25.446	24.724	24.000	23.291	22.605	21.923	21.209	20.406
70.0	27.258	26.689	26.027	25.282	24.538	23.831	23.144	22.413	21.648	20.850
72.5	27.865	27.236	26.533	25.776	25.036	24.307	23.585	22.840	22.051	21.253
75.0	28.400	27.795	27.051	26.281	25.523	24.755	23.999	23.229	22.423	21.604
77.5	28.912	28.383	27.585	26.756	25.963	25.174	24.383	23.583	22.761	21.924
80.0	29.406	28.837	28.081	27.202	26.355	25.548	24.734	23.907	23.070	22.220

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CANDELA TABULATION - (Cont.)

82.5	29.863	29.255	28.528	27.601	26.709	25.890	25.063	24.215	23.360	22.494
85.0	30.194	29.540	28.845	27.928	27.026	26.192	25.353	24.485	23.614	22.735
87.5	30.409	29.751	29.119	28.186	27.318	26.447	25.623	24.716	23.849	22.941
90.0	30.560	29.905	29.250	28.378	27.505	26.654	25.802	24.905	24.007	23.111
92.5	30.380	29.724	29.093	28.168	27.308	26.448	25.633	24.723	23.855	22.946
95.0	30.138	29.487	28.796	27.895	27.008	26.195	25.372	24.500	23.625	22.745
97.5	29.797	29.192	28.459	27.555	26.687	25.899	25.091	24.237	23.378	22.509
100.0	29.384	28.863	28.098	27.201	26.357	25.573	24.770	23.935	23.093	22.240
102.5	28.979	28.533	27.676	26.807	26.007	25.226	24.431	23.619	22.789	21.948
105.0	28.566	28.014	27.197	26.374	25.600	24.828	24.056	23.270	22.457	21.634
107.5	28.056	27.402	26.669	25.897	25.137	24.389	23.647	22.887	22.091	21.287
110.0	27.394	26.806	26.123	25.374	24.625	23.908	23.209	22.464	21.692	20.897
112.5	26.766	26.231	25.512	24.786	24.054	23.336	22.640	21.960	21.252	20.466
115.0	26.195	25.528	24.834	24.133	23.395	22.679	22.022	21.382	20.708	19.949
117.5	25.476	24.834	24.135	23.367	22.645	21.962	21.394	20.792	20.121	19.397
120.0	24.739	24.137	23.426	22.650	21.823	21.289	20.758	20.181	19.515	18.826
122.5	24.002	23.386	22.711	21.982	21.322	20.704	20.116	19.524	18.893	18.241
125.0	23.218	22.637	22.002	21.377	20.768	20.171	19.545	18.898	18.257	17.646
127.5	22.457	21.894	21.306	20.721	20.142	19.546	18.932	18.311	17.693	17.072
130.0	21.662	21.110	20.542	19.994	19.434	18.860	18.276	17.695	17.119	16.527
132.5	20.839	20.321	19.767	19.201	18.673	18.132	17.597	17.068	16.522	15.960
135.0	20.009	19.516	18.995	18.450	17.881	17.398	16.919	16.421	15.905	15.380
137.5	19.146	18.688	18.204	17.702	17.208	16.708	16.222	15.756	15.284	14.791
140.0	18.268	17.846	17.411	16.963	16.505	16.038	15.571	15.108	14.655	14.195
142.5	17.369	16.988	16.591	16.181	15.795	15.336	14.907	14.473	14.035	13.595
145.0	16.435	16.091	15.732	15.363	14.983	14.593	14.196	13.791	13.383	12.970
147.5	15.466	15.160	14.840	14.506	14.160	13.804	13.440	13.068	12.688	12.301
150.0	14.485	14.192	13.906	13.632	13.296	12.974	12.641	12.299	11.949	11.596
152.5	13.510	13.240	12.951	12.669	12.391	12.101	11.800	11.530	11.192	10.885
155.0	12.519	12.278	12.018	11.741	11.448	11.200	10.950	10.689	10.418	10.137
157.5	11.518	11.306	11.085	10.852	10.608	10.353	10.089	9.851	9.607	9.362
160.0	10.525	10.347	10.157	9.955	9.742	9.519	9.286	9.049	8.806	8.553
162.5	9.509	9.359	9.198	9.031	8.854	8.668	8.473	8.269	8.056	7.835
165.0	8.493	8.374	8.245	8.106	7.957	7.800	7.634	7.460	7.278	7.089
167.5	7.471	7.375	7.270	7.157	7.036	6.913	6.796	6.673	6.544	6.409
170.0	6.486	6.423	6.355	6.280	6.199	6.112	6.019	5.922	5.819	5.711
172.5	5.563	5.518	5.468	5.413	5.353	5.289	5.221	5.148	5.071	4.990
175.0	4.701	4.688	4.673	4.656	4.638	4.617	4.594	4.570	4.543	4.515
177.5	4.119	4.113	4.106	4.098	4.089	4.079	4.068	4.056	4.043	4.029
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	4.047	4.032	4.016	4.000	3.983	3.965	3.946	3.927	3.907	3.886
5.0	4.509	4.480	4.449	4.417	4.383	4.347	4.310	4.272	4.233	4.193
7.5	4.959	4.916	4.870	4.821	4.771	4.719	4.665	4.609	4.551	4.492
10.0	5.645	5.527	5.404	5.277	5.152	5.080	5.009	4.936	4.861	4.783
12.5	6.346	6.199	6.047	5.889	5.726	5.558	5.386	5.253	5.161	5.067
15.0	7.029	6.854	6.672	6.484	6.291	6.092	5.888	5.680	5.467	5.343
17.5	7.751	7.517	7.304	7.062	6.857	6.650	6.436	6.214	5.985	5.749
20.0	8.506	8.276	8.036	7.788	7.538	7.303	7.060	6.808	6.549	6.282
22.5	9.325	9.068	8.801	8.526	8.243	7.952	7.675	7.394	7.105	6.808
25.0	10.111	9.864	9.536	9.236	8.927	8.611	8.287	7.971	7.653	7.326
27.5	10.861	10.554	10.239	9.915	9.583	9.243	8.895	8.541	8.192	7.837

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CANDELA TABULATION - (Cont.)

30.0	11.576	11.245	10.907	10.563	10.209	9.847	9.479	9.103	8.722	8.339
32.5	12.262	11.900	11.541	11.176	10.805	10.425	10.037	9.620	9.197	8.768
35.0	12.960	12.537	12.140	11.734	11.317	10.894	10.462	10.023	9.579	9.153
37.5	13.608	13.132	12.650	12.198	11.759	11.315	10.897	10.407	9.944	9.476
40.0	14.164	13.663	13.157	12.646	12.178	11.715	11.247	10.773	10.292	9.807
42.5	14.687	14.162	13.633	13.100	12.574	12.093	11.608	11.126	10.623	10.123
45.0	15.194	14.634	14.078	13.526	12.971	12.448	11.948	11.446	10.938	10.425
47.5	15.688	15.097	14.492	13.922	13.351	12.811	12.269	11.763	11.261	10.746
50.0	16.170	15.547	14.911	14.295	13.742	13.184	12.657	12.148	11.635	11.099
52.5	16.632	16.018	15.393	14.760	14.182	13.607	13.041	12.520	11.994	11.445
55.0	17.159	16.559	15.881	15.228	14.601	14.011	13.417	12.876	12.339	11.784
57.5	17.669	17.010	16.343	15.672	15.017	14.396	13.790	13.218	12.672	12.115
60.0	18.158	17.473	16.778	16.091	15.400	14.761	14.144	13.546	12.992	12.435
62.5	18.626	17.916	17.195	16.486	15.782	15.106	14.477	13.838	13.255	12.665
65.0	19.099	18.336	17.590	16.842	16.111	15.384	14.724	14.059	13.443	12.828
67.5	19.557	18.731	17.947	17.154	16.404	15.649	14.960	14.275	13.625	12.985
70.0	19.981	19.110	18.290	17.457	16.679	15.907	15.184	14.481	13.800	13.137
72.5	20.372	19.482	18.618	17.751	16.934	16.147	15.395	14.675	13.968	13.282
75.0	20.728	19.825	18.928	18.027	17.171	16.370	15.594	14.857	14.128	13.420
77.5	21.050	20.136	19.217	18.284	17.387	16.575	15.776	15.019	14.264	13.526
80.0	21.344	20.413	19.473	18.517	17.585	16.760	15.943	15.163	14.382	13.614
82.5	21.612	20.660	19.702	18.725	17.761	16.928	16.096	15.294	14.491	13.695
85.0	21.848	20.877	19.903	18.908	17.918	17.076	16.235	15.413	14.617	13.767
87.5	22.067	21.063	20.091	19.064	18.064	17.206	16.367	15.518	14.684	13.828
90.0	22.215	21.217	20.218	19.193	18.167	17.316	16.465	15.609	14.752	13.879
92.5	22.071	21.078	20.117	19.077	18.065	17.194	16.343	15.482	14.637	13.771
95.0	21.858	20.909	19.953	18.932	17.919	17.052	16.186	15.341	14.522	13.651
97.5	21.631	20.711	19.773	18.760	17.762	16.889	16.021	15.184	14.347	13.521
100.0	21.375	20.485	19.563	18.559	17.580	16.705	15.839	15.012	14.187	13.380
102.5	21.094	20.230	19.320	18.330	17.374	16.500	15.641	14.826	14.016	13.230
105.0	20.785	19.925	19.017	18.064	17.149	16.284	15.441	14.637	13.842	13.074
107.5	20.439	19.588	18.694	17.778	16.904	16.055	15.237	14.448	13.673	12.919
110.0	20.058	19.217	18.353	17.474	16.639	15.807	15.018	14.245	13.492	12.755
112.5	19.642	18.821	17.996	17.159	16.354	15.542	14.784	14.029	13.301	12.582
115.0	19.171	18.403	17.625	16.834	16.050	15.266	14.536	13.800	13.099	12.399
117.5	18.656	17.926	17.182	16.440	15.695	14.970	14.275	13.563	12.888	12.208
120.0	18.130	17.428	16.712	15.993	15.267	14.581	13.910	13.244	12.604	11.957
122.5	17.584	16.910	16.222	15.524	14.839	14.177	13.525	12.890	12.266	11.633
125.0	17.019	16.408	15.708	15.032	14.378	13.758	13.128	12.524	11.918	11.300
127.5	16.438	15.812	15.171	14.518	13.922	13.324	12.725	12.145	11.558	10.961
130.0	15.918	15.287	14.640	14.013	13.451	12.877	12.314	11.755	11.188	10.616
132.5	15.382	14.784	14.170	13.603	13.030	12.485	11.902	11.353	10.810	10.265
135.0	14.835	14.271	13.721	13.177	12.626	12.087	11.555	11.017	10.480	9.942
137.5	14.279	13.763	13.250	12.730	12.207	11.702	11.191	10.680	10.157	9.636
140.0	13.721	13.243	12.756	12.261	11.782	11.301	10.812	10.318	9.819	9.315
142.5	13.153	12.702	12.241	11.790	11.340	10.883	10.450	9.944	9.465	8.981
145.0	12.552	12.130	11.720	11.306	10.881	10.448	10.004	9.552	9.095	8.657
147.5	11.908	11.531	11.152	10.768	10.378	9.980	9.572	9.144	8.710	8.287
150.0	11.254	10.905	10.550	10.188	9.818	9.440	9.055	8.663	8.269	7.899
152.5	10.569	10.245	9.914	9.576	9.230	8.877	8.517	8.149	7.806	7.462
155.0	9.848	9.587	9.249	8.938	8.618	8.291	7.957	7.643	7.333	7.016
157.5	9.098	8.833	8.558	8.274	7.983	7.683	7.408	7.133	6.850	6.561
160.0	8.326	8.088	7.842	7.587	7.332	7.099	6.859	6.612	6.358	6.098
162.5	7.607	7.372	7.158	6.921	6.717	6.512	6.300	6.082	5.857	5.627
165.0	6.917	6.743	6.564	6.380	6.190	5.996	5.797	5.595	5.388	5.269
167.5	6.269	6.123	5.972	5.817	5.657	5.493	5.324	5.194	5.103	5.010

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CANDELA TABULATION - (Cont.)

170.0	5.598	5.481	5.359	5.233	5.111	5.037	4.965	4.892	4.816	4.739
172.5	4.936	4.890	4.842	4.791	4.739	4.686	4.630	4.573	4.514	4.454
175.0	4.486	4.455	4.422	4.388	4.352	4.315	4.277	4.238	4.197	4.155
177.5	4.014	3.998	3.982	3.964	3.946	3.927	3.907	3.887	3.866	3.844
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.865	3.843	3.821	3.798	3.775	3.751	3.728	3.730	3.732	3.733
5.0	4.151	4.109	4.065	4.021	3.976	3.930	3.883	3.887	3.891	3.894
7.5	4.431	4.369	4.305	4.240	4.174	4.107	4.039	4.045	4.051	4.055
10.0	4.704	4.623	4.540	4.456	4.370	4.283	4.194	4.203	4.210	4.216
12.5	4.970	4.872	4.771	4.668	4.563	4.457	4.350	4.360	4.369	4.377
15.0	5.230	5.114	4.996	4.877	4.758	4.632	4.505	4.519	4.532	4.538
17.5	5.595	5.466	5.332	5.192	5.049	4.901	4.749	4.757	4.761	4.763
20.0	6.008	5.843	5.683	5.518	5.348	5.172	4.993	4.994	4.992	4.987
22.5	6.503	6.226	6.040	5.848	5.649	5.446	5.238	5.230	5.218	5.204
25.0	6.991	6.649	6.402	6.181	5.953	5.720	5.482	5.463	5.442	5.417
27.5	7.473	7.101	6.769	6.518	6.260	5.995	5.726	5.695	5.661	5.624
30.0	7.947	7.547	7.145	6.858	6.578	6.274	5.970	5.928	5.886	5.826
32.5	8.330	7.887	7.437	7.087	6.770	6.450	6.126	6.077	6.025	5.970
35.0	8.663	8.190	7.711	7.302	6.966	6.626	6.282	6.227	6.169	6.108
37.5	8.990	8.488	7.981	7.515	7.160	6.801	6.439	6.377	6.312	6.245
40.0	9.309	8.780	8.246	7.726	7.352	6.975	6.595	6.526	6.455	6.381
42.5	9.620	9.067	8.506	7.940	7.543	7.149	6.751	6.676	6.598	6.519
45.0	9.909	9.347	8.761	8.170	7.731	7.323	6.907	6.827	6.740	6.657
47.5	10.222	9.661	9.057	8.446	7.954	7.506	7.054	6.942	6.830	6.728
50.0	10.554	9.985	9.357	8.723	8.180	7.693	7.200	7.057	6.913	6.788
52.5	10.879	10.301	9.652	8.996	8.408	7.880	7.347	7.170	6.993	6.846
55.0	11.197	10.604	9.941	9.265	8.636	8.067	7.494	7.282	7.069	6.901
57.5	11.509	10.897	10.225	9.530	8.866	8.255	7.640	7.392	7.143	6.953
60.0	11.814	11.184	10.503	9.791	9.103	8.445	7.787	7.503	7.218	7.003
62.5	12.014	11.341	10.622	9.859	9.116	8.437	7.758	7.460	7.163	6.948
65.0	12.159	11.457	10.712	9.909	9.126	8.427	7.728	7.417	7.107	6.883
67.5	12.300	11.569	10.799	9.957	9.133	8.416	7.699	7.375	7.051	6.818
70.0	12.435	11.676	10.884	10.003	9.138	8.404	7.669	7.332	6.997	6.753
72.5	12.565	11.779	10.964	10.046	9.141	8.390	7.640	7.291	6.943	6.688
75.0	12.688	11.876	11.041	10.085	9.141	8.375	7.610	7.249	6.889	6.623
77.5	12.769	11.926	11.067	10.084	9.109	8.312	7.515	7.148	6.783	6.524
80.0	12.834	11.963	11.082	10.076	9.100	8.247	7.419	7.047	6.676	6.425
82.5	12.891	11.994	11.126	10.062	9.052	8.180	7.324	6.947	6.570	6.328
85.0	12.961	12.017	11.107	10.044	9.004	8.113	7.228	6.847	6.466	6.233
87.5	12.983	12.031	11.089	10.019	8.956	8.043	7.133	6.748	6.363	6.139
90.0	13.005	12.038	11.070	9.989	8.908	7.973	7.037	6.650	6.262	6.046
92.5	12.916	11.958	11.009	9.942	8.881	7.971	7.062	6.685	6.309	6.092
95.0	12.827	11.870	10.949	9.890	8.854	7.968	7.087	6.722	6.357	6.138
97.5	12.689	11.773	10.888	9.832	8.828	7.963	7.113	6.759	6.406	6.187
100.0	12.563	11.668	10.766	9.768	8.801	7.957	7.138	6.797	6.457	6.236
102.5	12.429	11.556	10.672	9.700	8.736	7.950	7.163	6.835	6.508	6.287
105.0	12.287	11.437	10.572	9.627	8.694	7.941	7.188	6.874	6.560	6.338
107.5	12.143	11.315	10.469	9.557	8.660	7.925	7.190	6.892	6.594	6.386
110.0	11.991	11.187	10.361	9.483	8.623	7.907	7.191	6.910	6.629	6.433
112.5	11.832	11.052	10.249	9.405	8.584	7.889	7.193	6.928	6.664	6.480
115.0	11.666	10.912	10.134	9.325	8.542	7.869	7.195	6.947	6.699	6.527

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CANDELA TABULATION - (Cont.)

117.5	11.494	10.766	10.016	9.243	8.499	7.848	7.196	6.965	6.734	6.573
120.0	11.276	10.587	9.874	9.146	8.449	7.825	7.198	6.982	6.766	6.612
122.5	10.974	10.309	9.617	8.912	8.252	7.669	7.083	6.900	6.717	6.578
125.0	10.667	10.026	9.355	8.675	8.056	7.514	6.968	6.817	6.665	6.544
127.5	10.353	9.736	9.088	8.434	7.860	7.359	6.853	6.732	6.610	6.507
130.0	10.035	9.439	8.818	8.190	7.666	7.204	6.738	6.646	6.552	6.469
132.5	9.711	9.138	8.544	7.944	7.473	7.050	6.623	6.558	6.492	6.429
135.0	9.401	8.843	8.273	7.698	7.283	6.897	6.508	6.468	6.425	6.379
137.5	9.110	8.573	8.030	7.482	7.114	6.750	6.382	6.345	6.305	6.264
140.0	8.808	8.299	7.783	7.284	6.945	6.602	6.255	6.222	6.185	6.147
142.5	8.501	8.020	7.532	7.092	6.775	6.454	6.129	6.098	6.065	6.030
145.0	8.189	7.736	7.278	6.900	6.605	6.305	6.003	5.975	5.945	5.913
147.5	7.871	7.449	7.020	6.707	6.434	6.157	5.876	5.852	5.825	5.796
150.0	7.521	7.137	6.752	6.507	6.260	6.007	5.750	5.728	5.702	5.673
152.5	7.110	6.752	6.441	6.223	5.999	5.770	5.537	5.524	5.508	5.489
155.0	6.692	6.361	6.136	5.940	5.739	5.533	5.323	5.319	5.312	5.302
157.5	6.265	6.000	5.831	5.658	5.479	5.296	5.110	5.113	5.113	5.111
160.0	5.831	5.677	5.529	5.377	5.220	5.060	4.897	4.906	4.912	4.915
162.5	5.478	5.355	5.228	5.097	4.963	4.824	4.683	4.697	4.707	4.716
165.0	5.160	5.050	4.937	4.823	4.707	4.589	4.470	4.486	4.501	4.513
167.5	4.916	4.819	4.721	4.621	4.519	4.416	4.312	4.325	4.336	4.346
170.0	4.659	4.579	4.497	4.413	4.328	4.241	4.153	4.163	4.172	4.179
172.5	4.392	4.329	4.264	4.198	4.132	4.064	3.995	4.002	4.008	4.013
175.0	4.112	4.069	4.024	3.978	3.932	3.885	3.837	3.841	3.845	3.848
177.5	3.822	3.799	3.776	3.752	3.728	3.703	3.678	3.680	3.682	3.684
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

Vert. Horizontal Angles
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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.734	3.735	3.736	3.736	3.736	3.736	3.735	3.734	3.733	3.732
5.0	3.897	3.899	3.900	3.900	3.900	3.900	3.899	3.897	3.894	3.891
7.5	4.059	4.062	4.064	4.065	4.065	4.064	4.062	4.059	4.056	4.051
10.0	4.221	4.225	4.228	4.229	4.229	4.228	4.225	4.222	4.217	4.221
12.5	4.383	4.388	4.391	4.393	4.393	4.392	4.395	4.403	4.409	4.415
15.0	4.546	4.551	4.555	4.557	4.556	4.570	4.580	4.588	4.594	4.599
17.5	4.763	4.761	4.757	4.754	4.761	4.767	4.770	4.773	4.774	4.776
20.0	4.979	4.969	4.957	4.964	4.966	4.967	4.967	4.966	4.964	4.964
22.5	5.188	5.169	5.164	5.162	5.159	5.155	5.150	5.145	5.147	5.146
25.0	5.389	5.366	5.359	5.350	5.340	5.329	5.322	5.322	5.321	5.319
27.5	5.584	5.561	5.545	5.528	5.510	5.494	5.494	5.491	5.488	5.483
30.0	5.773	5.748	5.723	5.696	5.669	5.663	5.658	5.652	5.645	5.634
32.5	5.921	5.895	5.867	5.837	5.819	5.817	5.815	5.805	5.792	5.776
35.0	6.060	6.027	5.992	5.956	5.945	5.935	5.926	5.918	5.909	5.901
37.5	6.197	6.156	6.114	6.080	6.061	6.043	6.027	6.010	5.995	5.982
40.0	6.331	6.283	6.233	6.198	6.170	6.143	6.117	6.093	6.071	6.051
42.5	6.463	6.407	6.351	6.310	6.270	6.233	6.198	6.166	6.136	6.112
45.0	6.593	6.528	6.466	6.414	6.363	6.316	6.272	6.231	6.195	6.165
47.5	6.654	6.581	6.523	6.475	6.427	6.386	6.338	6.287	6.246	6.209
50.0	6.695	6.605	6.541	6.487	6.435	6.393	6.351	6.312	6.279	6.245
52.5	6.733	6.622	6.559	6.498	6.445	6.402	6.358	6.321	6.286	6.252
55.0	6.767	6.642	6.575	6.508	6.455	6.411	6.367	6.331	6.295	6.258
57.5	6.798	6.664	6.590	6.516	6.467	6.421	6.379	6.342	6.304	6.257
60.0	6.826	6.685	6.604	6.527	6.478	6.431	6.391	6.353	6.308	6.252
62.5	6.762	6.634	6.563	6.500	6.463	6.427	6.401	6.365	6.307	6.241

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CANDELA TABULATION - (Cont.)

65.0	6.683	6.562	6.496	6.441	6.407	6.373	6.347	6.321	6.265	6.207
67.5	6.603	6.492	6.431	6.384	6.351	6.320	6.294	6.263	6.201	6.141
70.0	6.524	6.424	6.369	6.329	6.298	6.268	6.241	6.203	6.139	6.072
72.5	6.444	6.358	6.309	6.274	6.245	6.217	6.190	6.144	6.077	6.004
75.0	6.366	6.293	6.250	6.220	6.193	6.166	6.139	6.086	6.017	5.942
77.5	6.272	6.214	6.177	6.157	6.140	6.118	6.095	6.038	5.968	5.887
80.0	6.179	6.133	6.100	6.092	6.086	6.074	6.059	6.011	5.955	5.871
82.5	6.089	6.053	6.024	6.029	6.034	6.031	6.025	5.988	5.946	5.856
85.0	6.000	5.973	5.949	5.966	5.984	5.989	5.993	5.968	5.940	5.843
87.5	5.914	5.894	5.874	5.904	5.933	5.948	5.962	5.950	5.937	5.832
90.0	5.830	5.815	5.800	5.842	5.883	5.907	5.930	5.933	5.935	5.824
92.5	5.875	5.858	5.843	5.875	5.907	5.922	5.936	5.930	5.923	5.819
95.0	5.921	5.902	5.886	5.908	5.930	5.937	5.943	5.928	5.911	5.817
97.5	5.970	5.946	5.929	5.941	5.953	5.952	5.950	5.927	5.901	5.816
100.0	6.020	5.990	5.973	5.975	5.978	5.969	5.958	5.928	5.892	5.817
102.5	6.071	6.034	6.017	6.010	6.003	5.987	5.968	5.931	5.887	5.819
105.0	6.125	6.079	6.061	6.047	6.033	6.014	5.992	5.958	5.919	5.865
107.5	6.188	6.130	6.106	6.087	6.070	6.049	6.027	5.998	5.962	5.917
110.0	6.251	6.182	6.152	6.128	6.108	6.086	6.063	6.037	6.004	5.969
112.5	6.314	6.236	6.200	6.171	6.147	6.123	6.100	6.076	6.047	6.019
115.0	6.376	6.290	6.250	6.215	6.188	6.161	6.137	6.114	6.088	6.064
117.5	6.437	6.347	6.302	6.260	6.230	6.200	6.176	6.145	6.111	6.076
120.0	6.486	6.387	6.333	6.281	6.240	6.201	6.167	6.134	6.101	6.067
122.5	6.468	6.372	6.321	6.269	6.229	6.191	6.156	6.124	6.093	6.060
125.0	6.447	6.357	6.308	6.260	6.218	6.181	6.145	6.115	6.084	6.053
127.5	6.425	6.345	6.296	6.250	6.208	6.172	6.137	6.106	6.076	6.046
130.0	6.400	6.333	6.284	6.241	6.198	6.164	6.129	6.097	6.069	6.040
132.5	6.373	6.319	6.272	6.231	6.191	6.156	6.117	6.074	6.039	6.006
135.0	6.330	6.279	6.229	6.183	6.138	6.096	6.059	6.024	5.992	5.965
137.5	6.222	6.179	6.136	6.098	6.062	6.026	5.996	5.968	5.941	5.918
140.0	6.112	6.076	6.039	6.009	5.980	5.953	5.928	5.905	5.884	5.865
142.5	6.000	5.971	5.941	5.914	5.893	5.873	5.853	5.836	5.820	5.806
145.0	5.885	5.863	5.839	5.815	5.800	5.786	5.773	5.760	5.749	5.739
147.5	5.769	5.752	5.734	5.715	5.701	5.693	5.685	5.670	5.653	5.635
150.0	5.641	5.626	5.609	5.592	5.573	5.563	5.553	5.543	5.533	5.519
152.5	5.468	5.456	5.448	5.438	5.428	5.418	5.413	5.407	5.401	5.395
155.0	5.290	5.279	5.278	5.276	5.272	5.267	5.263	5.262	5.259	5.256
157.5	5.106	5.099	5.101	5.104	5.106	5.107	5.107	5.106	5.107	5.106
160.0	4.917	4.916	4.913	4.923	4.929	4.935	4.939	4.942	4.944	4.945
162.5	4.722	4.726	4.729	4.732	4.742	4.750	4.758	4.763	4.768	4.772
165.0	4.524	4.533	4.540	4.544	4.545	4.559	4.568	4.576	4.582	4.587
167.5	4.354	4.361	4.366	4.369	4.371	4.371	4.374	4.382	4.388	4.393
170.0	4.185	4.190	4.193	4.196	4.196	4.196	4.194	4.191	4.186	4.190
172.5	4.017	4.020	4.023	4.024	4.024	4.023	4.022	4.019	4.015	4.010
175.0	3.850	3.852	3.854	3.854	3.854	3.853	3.852	3.850	3.847	3.844
177.5	3.685	3.686	3.686	3.686	3.686	3.686	3.685	3.684	3.682	3.680
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.730	3.728	3.725	3.722	3.719	3.716	3.713	3.709	3.705	3.700
5.0	3.888	3.883	3.878	3.873	3.867	3.860	3.853	3.846	3.837	3.829
7.5	4.046	4.039	4.032	4.022	4.025	4.023	4.020	4.016	4.010	4.004
10.0	4.225	4.227	4.228	4.228	4.227	4.224	4.220	4.215	4.209	4.201

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CANDELA TABULATION - (Cont.)

12.5	4.418	4.420	4.421	4.421	4.419	4.416	4.412	4.406	4.400	4.394
15.0	4.603	4.605	4.606	4.602	4.605	4.604	4.602	4.598	4.593	4.587
17.5	4.779	4.782	4.785	4.786	4.786	4.785	4.783	4.779	4.774	4.768
20.0	4.964	4.962	4.959	4.954	4.954	4.953	4.949	4.940	4.931	4.922
22.5	5.145	5.141	5.137	5.131	5.117	5.101	5.088	5.076	5.067	5.059
25.0	5.315	5.311	5.298	5.283	5.267	5.250	5.231	5.211	5.182	5.153
27.5	5.474	5.461	5.445	5.429	5.411	5.392	5.353	5.308	5.261	5.210
30.0	5.620	5.603	5.586	5.567	5.535	5.494	5.450	5.401	5.349	5.293
32.5	5.759	5.740	5.718	5.684	5.646	5.602	5.555	5.494	5.405	5.314
35.0	5.892	5.868	5.839	5.804	5.764	5.718	5.627	5.534	5.438	5.340
37.5	5.971	5.961	5.953	5.931	5.870	5.776	5.679	5.580	5.477	5.351
40.0	6.035	6.021	6.010	5.976	5.917	5.841	5.739	5.608	5.464	5.327
42.5	6.091	6.072	6.039	5.984	5.925	5.861	5.737	5.587	5.434	5.290
45.0	6.137	6.107	6.058	6.005	5.945	5.820	5.686	5.542	5.385	5.217
47.5	6.176	6.135	6.089	6.037	5.924	5.797	5.659	5.479	5.291	5.129
50.0	6.210	6.174	6.131	6.042	5.925	5.798	5.593	5.364	5.163	4.978
52.5	6.225	6.202	6.165	6.062	5.949	5.743	5.467	5.218	4.992	4.755
55.0	6.223	6.193	6.120	6.049	5.934	5.614	5.312	5.049	4.810	4.562
57.5	6.215	6.155	6.073	5.996	5.745	5.449	5.143	4.905	4.658	4.333
60.0	6.200	6.112	6.023	5.868	5.598	5.309	5.025	4.769	4.494	3.849
62.5	6.168	6.068	5.972	5.750	5.493	5.197	4.886	4.604	4.018	3.356
65.0	6.126	6.023	5.888	5.668	5.429	5.071	4.730	4.261	3.615	2.943
67.5	6.050	5.954	5.799	5.608	5.334	4.934	4.567	3.937	3.293	2.732
70.0	5.980	5.887	5.710	5.524	5.164	4.756	4.282	3.686	3.068	2.537
72.5	5.916	5.810	5.635	5.441	4.988	4.550	4.038	3.481	2.901	2.341
75.0	5.858	5.739	5.572	5.301	4.817	4.347	3.862	3.349	2.726	2.131
77.5	5.805	5.679	5.520	5.168	4.655	4.188	3.749	3.220	2.567	1.997
80.0	5.782	5.625	5.453	5.038	4.511	4.078	3.693	3.119	2.429	1.938
82.5	5.761	5.571	5.372	4.919	4.411	4.005	3.623	3.005	2.310	1.893
85.0	5.742	5.519	5.292	4.827	4.340	3.951	3.570	2.915	2.226	1.866
87.5	5.726	5.471	5.216	4.759	4.295	3.916	3.537	2.867	2.187	1.859
90.0	5.713	5.431	5.148	4.711	4.273	3.899	3.525	2.859	2.193	1.873
92.5	5.715	5.456	5.196	4.738	4.274	3.891	3.510	2.848	2.179	1.853
95.0	5.719	5.488	5.251	4.785	4.297	3.902	3.515	2.876	2.207	1.854
97.5	5.726	5.525	5.312	4.856	4.347	3.933	3.542	2.942	2.277	1.874
100.0	5.734	5.566	5.376	4.953	4.425	3.984	3.596	3.057	2.405	1.934
102.5	5.745	5.614	5.443	5.093	4.590	4.139	3.731	3.237	2.593	2.019
105.0	5.799	5.689	5.522	5.258	4.789	4.340	3.907	3.461	2.822	2.192
107.5	5.854	5.771	5.607	5.430	4.994	4.576	4.130	3.659	3.092	2.468
110.0	5.910	5.852	5.697	5.539	5.202	4.817	4.400	3.883	3.295	2.678
112.5	5.966	5.913	5.793	5.639	5.397	5.011	4.661	4.085	3.474	2.877
115.0	6.023	5.965	5.869	5.684	5.485	5.145	4.823	4.380	3.752	3.076
117.5	6.033	5.973	5.915	5.734	5.524	5.264	4.974	4.714	4.135	3.459
120.0	6.034	5.980	5.926	5.810	5.592	5.359	5.103	4.870	4.616	3.967
122.5	6.027	5.986	5.936	5.889	5.690	5.454	5.208	4.988	4.766	4.469
125.0	6.021	5.990	5.945	5.901	5.818	5.563	5.319	5.097	4.885	4.673
127.5	6.016	5.986	5.951	5.886	5.806	5.642	5.417	5.211	5.017	4.816
130.0	6.004	5.965	5.923	5.858	5.770	5.666	5.496	5.305	5.133	4.972
132.5	5.975	5.936	5.895	5.852	5.762	5.656	5.535	5.379	5.218	5.074
135.0	5.939	5.910	5.870	5.827	5.783	5.676	5.557	5.425	5.279	5.127
137.5	5.896	5.877	5.848	5.807	5.764	5.720	5.610	5.465	5.315	5.172
140.0	5.848	5.832	5.818	5.790	5.749	5.691	5.604	5.480	5.337	5.202
142.5	5.793	5.780	5.769	5.744	5.689	5.611	5.528	5.439	5.345	5.220
145.0	5.727	5.702	5.670	5.633	5.591	5.543	5.464	5.381	5.293	5.201
147.5	5.615	5.593	5.568	5.532	5.491	5.446	5.395	5.335	5.254	5.169
150.0	5.501	5.481	5.460	5.437	5.402	5.359	5.312	5.261	5.206	5.147

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CANDELA TABULATION - (Cont.)

152.5	5.385	5.367	5.347	5.327	5.304	5.280	5.239	5.192	5.142	5.089
155.0	5.252	5.248	5.232	5.213	5.193	5.171	5.147	5.123	5.089	5.055
157.5	5.105	5.103	5.100	5.096	5.078	5.058	5.037	5.019	5.002	4.984
160.0	4.946	4.945	4.944	4.940	4.938	4.934	4.926	4.908	4.891	4.874
162.5	4.774	4.775	4.774	4.773	4.770	4.767	4.762	4.757	4.750	4.743
165.0	4.589	4.591	4.591	4.586	4.587	4.584	4.580	4.574	4.568	4.560
167.5	4.396	4.397	4.398	4.397	4.394	4.390	4.385	4.378	4.371	4.363
170.0	4.193	4.195	4.195	4.195	4.193	4.190	4.185	4.179	4.172	4.164
172.5	4.004	3.998	3.990	3.980	3.982	3.979	3.976	3.971	3.965	3.959
175.0	3.840	3.835	3.830	3.824	3.818	3.810	3.803	3.794	3.786	3.776
177.5	3.678	3.676	3.673	3.670	3.667	3.664	3.660	3.656	3.651	3.647
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.696	3.691	3.686	3.680	3.675	3.669	3.663	3.657	3.651	3.645
5.0	3.819	3.810	3.800	3.789	3.778	3.767	3.755	3.743	3.730	3.718
7.5	3.997	3.989	3.980	3.970	3.959	3.947	3.934	3.920	3.905	3.889
10.0	4.193	4.183	4.172	4.159	4.146	4.131	4.115	4.098	4.079	4.060
12.5	4.386	4.377	4.366	4.355	4.341	4.326	4.310	4.292	4.272	4.251
15.0	4.579	4.570	4.559	4.547	4.534	4.518	4.501	4.483	4.462	4.439
17.5	4.756	4.749	4.736	4.722	4.707	4.690	4.673	4.653	4.632	4.610
20.0	4.912	4.901	4.889	4.877	4.864	4.849	4.833	4.815	4.796	4.775
22.5	5.050	5.041	5.022	4.999	4.976	4.955	4.933	4.911	4.890	4.867
25.0	5.127	5.103	5.080	5.059	5.039	5.020	5.002	4.985	4.967	4.950
27.5	5.168	5.145	5.124	5.098	5.068	5.041	5.017	4.997	4.978	4.962
30.0	5.210	5.129	5.090	5.058	5.032	5.010	4.993	4.980	4.969	4.961
32.5	5.222	5.129	5.034	5.003	4.977	4.950	4.924	4.898	4.875	4.853
35.0	5.240	5.132	5.026	4.926	4.893	4.859	4.826	4.794	4.763	4.734
37.5	5.228	5.113	5.004	4.902	4.816	4.758	4.691	4.621	4.550	4.480
40.0	5.200	5.080	4.954	4.830	4.713	4.612	4.519	4.420	4.318	4.217
42.5	5.142	4.998	4.861	4.731	4.610	4.478	4.272	4.095	3.945	3.821
45.0	5.057	4.905	4.761	4.530	4.280	4.030	3.795	3.627	3.491	3.385
47.5	4.965	4.732	4.464	4.188	3.905	3.618	3.348	3.187	3.084	3.005
50.0	4.751	4.490	4.196	3.898	3.542	3.243	2.989	2.795	2.701	2.634
52.5	4.513	4.266	3.877	3.475	3.128	2.834	2.599	2.402	2.288	2.214
55.0	4.277	3.813	3.406	3.022	2.686	2.427	2.200	2.005	1.861	1.781
57.5	3.784	3.293	2.864	2.584	2.300	2.030	1.796	1.643	1.554	1.520
60.0	3.262	2.761	2.464	2.176	1.900	1.705	1.582	1.475	1.384	1.329
62.5	2.741	2.417	2.101	1.799	1.664	1.543	1.415	1.304	1.234	1.183
65.0	2.492	2.100	1.788	1.637	1.496	1.367	1.276	1.190	1.119	1.062
67.5	2.269	1.850	1.651	1.486	1.340	1.240	1.154	1.073	1.004	0.957
70.0	2.039	1.748	1.538	1.352	1.225	1.117	1.026	0.961	0.899	0.856
72.5	1.891	1.648	1.422	1.274	1.128	0.999	0.917	0.845	0.783	0.754
75.0	1.805	1.550	1.358	1.215	1.067	0.936	0.814	0.742	0.692	0.658
77.5	1.719	1.450	1.309	1.177	1.037	0.900	0.770	0.666	0.609	0.565
80.0	1.647	1.409	1.258	1.119	1.001	0.881	0.760	0.643	0.545	0.508
82.5	1.589	1.376	1.213	1.077	0.958	0.845	0.744	0.639	0.537	0.459
85.0	1.555	1.361	1.188	1.055	0.931	0.821	0.716	0.625	0.528	0.371
87.5	1.542	1.361	1.185	1.056	0.929	0.817	0.707	0.626	0.550	0.304
90.0	1.553	1.375	1.197	1.070	0.942	0.829	0.715	0.635	0.555	0.278
92.5	1.540	1.357	1.179	1.049	0.922	0.809	0.698	0.619	0.545	0.307
95.0	1.549	1.353	1.177	1.042	0.916	0.807	0.701	0.617	0.544	0.401
97.5	1.578	1.369	1.204	1.067	0.947	0.833	0.727	0.627	0.560	0.502

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CANDELA TABULATION - (Cont.)

100.0	1.655	1.423	1.264	1.116	0.997	0.875	0.761	0.658	0.585	0.557
102.5	1.751	1.488	1.336	1.187	1.044	0.912	0.792	0.703	0.654	0.619
105.0	1.862	1.610	1.400	1.238	1.083	0.958	0.848	0.784	0.741	0.704
107.5	1.955	1.700	1.463	1.302	1.152	1.025	0.949	0.885	0.832	0.798
110.0	2.106	1.790	1.570	1.377	1.248	1.142	1.053	0.995	0.937	0.896
112.5	2.351	1.883	1.674	1.512	1.365	1.267	1.182	1.101	1.034	0.990
115.0	2.574	2.143	1.828	1.684	1.540	1.399	1.306	1.218	1.147	1.091
117.5	2.832	2.504	2.183	1.878	1.743	1.615	1.462	1.331	1.260	1.210
120.0	3.384	2.892	2.591	2.302	2.026	1.809	1.662	1.534	1.427	1.371
122.5	3.925	3.446	3.036	2.758	2.455	2.159	1.903	1.732	1.625	1.599
125.0	4.426	3.975	3.585	3.209	2.860	2.574	2.325	2.111	1.960	1.895
127.5	4.616	4.418	4.042	3.636	3.283	2.982	2.737	2.520	2.410	2.350
130.0	4.784	4.562	4.303	4.033	3.671	3.365	3.103	2.905	2.832	2.784
132.5	4.922	4.717	4.480	4.232	3.973	3.705	3.437	3.290	3.210	3.152
135.0	4.977	4.832	4.691	4.482	4.254	4.022	3.806	3.677	3.579	3.508
137.5	5.033	4.895	4.762	4.633	4.508	4.375	4.197	4.051	3.931	3.835
140.0	5.075	4.955	4.833	4.711	4.593	4.494	4.411	4.321	4.229	4.135
142.5	5.098	4.983	4.873	4.770	4.684	4.634	4.577	4.515	4.452	4.390
145.0	5.105	4.998	4.892	4.791	4.760	4.730	4.703	4.678	4.654	4.634
147.5	5.081	4.990	4.893	4.864	4.837	4.811	4.786	4.764	4.744	4.726
150.0	5.069	4.990	4.952	4.919	4.891	4.868	4.848	4.832	4.820	4.809
152.5	5.044	5.015	4.989	4.961	4.929	4.902	4.877	4.855	4.836	4.818
155.0	5.023	4.993	4.966	4.940	4.917	4.895	4.874	4.854	4.835	4.816
157.5	4.968	4.951	4.927	4.900	4.874	4.849	4.824	4.801	4.777	4.753
160.0	4.857	4.840	4.822	4.804	4.786	4.767	4.747	4.726	4.704	4.681
162.5	4.729	4.715	4.696	4.678	4.658	4.638	4.616	4.594	4.570	4.545
165.0	4.551	4.540	4.529	4.515	4.501	4.484	4.466	4.447	4.425	4.402
167.5	4.354	4.344	4.332	4.319	4.304	4.288	4.270	4.251	4.230	4.208
170.0	4.154	4.143	4.131	4.118	4.103	4.087	4.070	4.052	4.032	4.011
172.5	3.951	3.942	3.932	3.921	3.909	3.896	3.882	3.867	3.851	3.834
175.0	3.766	3.756	3.745	3.734	3.722	3.710	3.697	3.684	3.671	3.657
177.5	3.642	3.637	3.631	3.626	3.620	3.614	3.608	3.601	3.595	3.588
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

Vert. Angles	Horizontal Angles									
	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.638	3.632	3.625	3.631	3.637	3.642	3.648	3.653	3.658	3.663
5.0	3.705	3.691	3.678	3.690	3.702	3.713	3.724	3.735	3.746	3.756
7.5	3.872	3.854	3.836	3.852	3.867	3.881	3.895	3.907	3.919	3.929
10.0	4.039	4.016	3.993	4.013	4.031	4.048	4.064	4.079	4.093	4.106
12.5	4.228	4.203	4.177	4.199	4.219	4.238	4.255	4.270	4.284	4.296
15.0	4.415	4.389	4.360	4.384	4.406	4.426	4.443	4.459	4.473	4.486
17.5	4.585	4.558	4.529	4.553	4.575	4.594	4.612	4.628	4.642	4.655
20.0	4.752	4.726	4.698	4.721	4.741	4.759	4.774	4.788	4.800	4.811
22.5	4.844	4.820	4.794	4.816	4.836	4.855	4.873	4.890	4.906	4.921
25.0	4.931	4.911	4.890	4.910	4.927	4.944	4.959	4.973	4.987	5.000
27.5	4.947	4.932	4.918	4.936	4.955	4.973	4.991	5.009	5.028	5.047
30.0	4.955	4.950	4.945	4.962	4.978	4.994	5.010	5.027	5.044	5.062
32.5	4.834	4.818	4.805	4.829	4.856	4.886	4.920	4.955	4.994	5.033
35.0	4.708	4.685	4.665	4.694	4.727	4.764	4.804	4.846	4.890	4.936
37.5	4.414	4.354	4.304	4.350	4.407	4.474	4.549	4.631	4.718	4.810
40.0	4.118	4.026	3.943	4.005	4.079	4.163	4.256	4.355	4.459	4.568
42.5	3.720	3.640	3.578	3.617	3.673	3.751	3.853	3.982	4.139	4.330
45.0	3.305	3.249	3.213	3.222	3.251	3.305	3.386	3.498	3.643	3.855

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

47.5	2.949	2.914	2.896	2.880	2.884	2.909	2.959	3.035	3.163	3.386
50.0	2.594	2.576	2.578	2.536	2.514	2.517	2.549	2.611	2.752	2.950
52.5	2.165	2.141	2.142	2.111	2.102	2.115	2.146	2.202	2.303	2.477
55.0	1.729	1.703	1.705	1.685	1.690	1.717	1.763	1.852	1.965	2.090
57.5	1.499	1.491	1.497	1.476	1.468	1.471	1.486	1.545	1.646	1.788
60.0	1.302	1.288	1.288	1.274	1.275	1.287	1.321	1.384	1.459	1.545
62.5	1.167	1.161	1.167	1.151	1.145	1.148	1.177	1.224	1.304	1.396
65.0	1.042	1.038	1.045	1.030	1.026	1.034	1.064	1.109	1.170	1.274
67.5	0.937	0.938	0.949	0.935	0.930	0.934	0.951	0.989	1.071	1.186
70.0	0.836	0.838	0.853	0.841	0.840	0.841	0.855	0.893	0.984	1.104
72.5	0.740	0.744	0.762	0.747	0.746	0.746	0.754	0.826	0.923	1.031
75.0	0.645	0.650	0.670	0.653	0.650	0.657	0.692	0.766	0.862	0.956
77.5	0.562	0.567	0.570	0.568	0.575	0.583	0.641	0.720	0.789	0.878
80.0	0.487	0.495	0.470	0.493	0.521	0.551	0.600	0.659	0.732	0.809
82.5	0.357	0.278	0.235	0.284	0.400	0.513	0.559	0.611	0.697	0.796
85.0	0.184	0.054	0.000	0.058	0.206	0.396	0.530	0.605	0.692	0.795
87.5	0.057	0.000	0.000	0.000	0.059	0.296	0.525	0.600	0.678	0.777
90.0	0.000	0.000	0.000	0.000	0.000	0.258	0.515	0.589	0.663	0.766
92.5	0.060	0.000	0.000	0.000	0.054	0.284	0.509	0.581	0.657	0.760
95.0	0.202	0.059	0.000	0.052	0.179	0.357	0.489	0.566	0.654	0.764
97.5	0.398	0.286	0.243	0.268	0.347	0.447	0.500	0.555	0.649	0.755
100.0	0.530	0.499	0.485	0.481	0.474	0.495	0.529	0.597	0.680	0.761
102.5	0.595	0.583	0.594	0.569	0.555	0.553	0.595	0.665	0.743	0.839
105.0	0.676	0.676	0.702	0.663	0.644	0.643	0.669	0.734	0.831	0.931
107.5	0.774	0.776	0.795	0.764	0.747	0.741	0.745	0.813	0.910	1.024
110.0	0.875	0.875	0.887	0.862	0.848	0.843	0.855	0.892	0.984	1.107
112.5	0.973	0.975	0.989	0.961	0.943	0.940	0.956	0.995	1.077	1.196
115.0	1.077	1.078	1.090	1.062	1.045	1.040	1.070	1.117	1.179	1.287
117.5	1.206	1.211	1.226	1.194	1.171	1.157	1.183	1.231	1.321	1.424
120.0	1.352	1.349	1.362	1.330	1.314	1.311	1.341	1.411	1.495	1.589
122.5	1.591	1.596	1.617	1.574	1.546	1.530	1.528	1.593	1.704	1.864
125.0	1.859	1.851	1.872	1.826	1.806	1.811	1.839	1.930	2.058	2.202
127.5	2.315	2.307	2.325	2.273	2.245	2.241	2.258	2.309	2.427	2.601
130.0	2.761	2.759	2.777	2.718	2.680	2.668	2.684	2.731	2.868	3.060
132.5	3.116	3.099	3.100	3.069	3.057	3.067	3.102	3.164	3.280	3.482
135.0	3.461	3.434	3.422	3.413	3.420	3.447	3.498	3.578	3.689	3.875
137.5	3.759	3.699	3.654	3.681	3.722	3.781	3.860	3.963	4.094	4.260
140.0	4.045	3.960	3.885	3.944	4.014	4.093	4.179	4.269	4.362	4.457
142.5	4.332	4.280	4.237	4.276	4.326	4.384	4.449	4.519	4.592	4.668
145.0	4.616	4.600	4.588	4.607	4.629	4.654	4.682	4.714	4.748	4.785
147.5	4.710	4.697	4.687	4.705	4.726	4.750	4.777	4.806	4.838	4.873
150.0	4.800	4.792	4.785	4.801	4.817	4.834	4.851	4.869	4.888	4.908
152.5	4.801	4.786	4.770	4.789	4.808	4.828	4.847	4.867	4.889	4.911
155.0	4.796	4.776	4.755	4.776	4.795	4.813	4.831	4.848	4.865	4.882
157.5	4.729	4.704	4.678	4.701	4.723	4.744	4.764	4.784	4.803	4.822
160.0	4.656	4.629	4.600	4.624	4.646	4.667	4.685	4.702	4.717	4.731
162.5	4.518	4.490	4.460	4.485	4.508	4.529	4.548	4.566	4.583	4.598
165.0	4.377	4.350	4.320	4.344	4.366	4.385	4.403	4.419	4.433	4.445
167.5	4.184	4.158	4.130	4.153	4.174	4.193	4.211	4.227	4.242	4.254
170.0	3.988	3.965	3.940	3.961	3.980	3.999	4.016	4.032	4.046	4.059
172.5	3.816	3.797	3.778	3.794	3.810	3.825	3.838	3.851	3.863	3.874
175.0	3.643	3.629	3.615	3.627	3.639	3.650	3.662	3.673	3.683	3.694
177.5	3.581	3.575	3.568	3.573	3.579	3.584	3.589	3.594	3.599	3.604
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.668	3.673	3.677	3.681	3.685	3.689	3.693	3.696	3.699	3.702
5.0	3.766	3.775	3.784	3.793	3.801	3.809	3.816	3.823	3.829	3.835
7.5	3.939	3.948	3.956	3.963	3.969	3.974	3.978	3.982	3.984	3.986
10.0	4.117	4.127	4.137	4.145	4.152	4.158	4.163	4.166	4.169	4.171
12.5	4.307	4.316	4.323	4.329	4.334	4.337	4.339	4.341	4.344	4.345
15.0	4.496	4.505	4.512	4.517	4.521	4.524	4.525	4.525	4.523	4.520
17.5	4.666	4.676	4.685	4.692	4.694	4.701	4.701	4.700	4.697	4.693
20.0	4.820	4.828	4.834	4.840	4.845	4.849	4.853	4.856	4.859	4.856
22.5	4.936	4.951	4.966	4.976	4.979	4.982	4.984	4.986	4.988	4.997
25.0	5.013	5.026	5.039	5.052	5.066	5.080	5.095	5.111	5.122	5.133
27.5	5.067	5.087	5.103	5.115	5.128	5.151	5.179	5.206	5.232	5.255
30.0	5.080	5.100	5.121	5.144	5.188	5.232	5.262	5.291	5.319	5.345
32.5	5.075	5.108	5.127	5.181	5.231	5.279	5.326	5.371	5.405	5.433
35.0	4.984	5.032	5.118	5.201	5.275	5.328	5.378	5.427	5.474	5.519
37.5	4.898	4.988	5.084	5.177	5.266	5.352	5.433	5.484	5.534	5.582
40.0	4.697	4.848	5.011	5.164	5.263	5.356	5.445	5.529	5.597	5.648
42.5	4.489	4.647	4.817	5.000	5.194	5.373	5.469	5.558	5.635	5.700
45.0	4.096	4.355	4.616	4.808	5.013	5.231	5.461	5.575	5.643	5.716
47.5	3.645	3.923	4.218	4.530	4.826	5.055	5.280	5.496	5.646	5.724
50.0	3.198	3.510	3.814	4.147	4.506	4.872	5.130	5.356	5.570	5.727
52.5	2.715	3.014	3.374	3.811	4.226	4.615	4.979	5.251	5.470	5.676
55.0	2.224	2.482	2.891	3.411	3.991	4.425	4.802	5.150	5.404	5.611
57.5	1.937	2.122	2.405	2.950	3.563	4.240	4.692	5.043	5.348	5.508
60.0	1.680	1.914	2.183	2.484	3.098	3.819	4.604	4.876	5.121	5.378
62.5	1.536	1.693	1.970	2.288	2.639	3.325	3.998	4.591	4.867	5.181
65.0	1.422	1.584	1.760	2.080	2.411	2.779	3.463	4.116	4.589	4.940
67.5	1.311	1.478	1.658	1.829	2.169	2.526	3.017	3.666	4.300	4.681
70.0	1.237	1.365	1.528	1.707	1.942	2.318	2.702	3.297	3.911	4.442
72.5	1.148	1.269	1.403	1.594	1.794	2.127	2.541	3.045	3.669	4.256
75.0	1.051	1.179	1.316	1.489	1.714	1.988	2.424	2.872	3.478	4.075
77.5	0.981	1.097	1.255	1.417	1.658	1.908	2.325	2.785	3.336	3.916
80.0	0.933	1.059	1.217	1.386	1.612	1.876	2.249	2.725	3.241	3.795
82.5	0.912	1.042	1.191	1.366	1.575	1.843	2.167	2.630	3.113	3.670
85.0	0.903	1.028	1.163	1.337	1.526	1.793	2.084	2.540	3.006	3.570
87.5	0.878	1.007	1.138	1.316	1.497	1.763	2.034	2.480	2.927	3.497
90.0	0.868	0.999	1.130	1.310	1.490	1.752	2.013	2.446	2.878	3.452
92.5	0.864	0.992	1.123	1.301	1.483	1.750	2.022	2.469	2.917	3.485
95.0	0.875	0.998	1.131	1.306	1.497	1.767	2.060	2.519	2.986	3.545
97.5	0.875	1.003	1.150	1.324	1.532	1.804	2.131	2.598	3.082	3.631
100.0	0.889	1.017	1.178	1.349	1.573	1.835	2.208	2.685	3.199	3.742
102.5	0.942	1.056	1.221	1.388	1.622	1.868	2.281	2.739	3.292	3.870
105.0	1.028	1.157	1.295	1.463	1.679	1.945	2.374	2.817	3.437	4.043
107.5	1.143	1.265	1.399	1.578	1.765	2.082	2.482	2.992	3.640	4.240
110.0	1.247	1.380	1.534	1.702	1.928	2.294	2.661	3.263	3.903	4.431
112.5	1.327	1.498	1.676	1.837	2.180	2.534	3.012	3.660	4.307	4.662
115.0	1.443	1.610	1.785	2.121	2.461	2.825	3.480	4.121	4.584	4.912
117.5	1.571	1.730	2.027	2.363	2.731	3.380	4.018	4.591	4.853	5.148
120.0	1.739	1.992	2.278	2.596	3.179	3.861	4.606	4.868	5.103	5.337
122.5	2.037	2.245	2.538	3.047	3.624	4.263	4.697	5.036	5.331	5.427
125.0	2.358	2.615	2.998	3.484	4.030	4.447	4.811	5.147	5.345	5.474
127.5	2.832	3.116	3.452	3.863	4.263	4.639	4.990	5.211	5.357	5.488
130.0	3.296	3.590	3.872	4.191	4.542	4.896	5.097	5.253	5.397	5.506

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CANDELA TABULATION - (Cont.)

132.5	3.711	3.965	4.244	4.548	4.833	5.015	5.176	5.327	5.435	5.501
135.0	4.097	4.341	4.591	4.761	4.933	5.107	5.283	5.371	5.429	5.490
137.5	4.416	4.566	4.720	4.878	5.040	5.185	5.271	5.350	5.417	5.473
140.0	4.574	4.713	4.856	4.989	5.080	5.166	5.246	5.320	5.382	5.431
142.5	4.740	4.824	4.913	5.000	5.082	5.161	5.233	5.285	5.335	5.381
145.0	4.825	4.868	4.948	5.025	5.094	5.147	5.197	5.246	5.292	5.336
147.5	4.910	4.943	4.970	5.021	5.071	5.119	5.166	5.211	5.250	5.288
150.0	4.931	4.955	4.981	5.010	5.053	5.096	5.130	5.164	5.198	5.233
152.5	4.934	4.959	4.981	4.998	5.018	5.045	5.076	5.108	5.140	5.171
155.0	4.899	4.917	4.935	4.954	4.974	4.995	5.018	5.037	5.051	5.066
157.5	4.841	4.860	4.880	4.895	4.904	4.911	4.919	4.926	4.936	4.946
160.0	4.744	4.756	4.767	4.777	4.786	4.795	4.803	4.810	4.817	4.818
162.5	4.612	4.625	4.637	4.648	4.654	4.662	4.664	4.664	4.664	4.662
165.0	4.456	4.465	4.473	4.480	4.485	4.489	4.491	4.493	4.493	4.492
167.5	4.266	4.276	4.284	4.292	4.297	4.302	4.305	4.308	4.310	4.311
170.0	4.071	4.082	4.092	4.100	4.107	4.113	4.117	4.120	4.123	4.123
172.5	3.884	3.893	3.901	3.907	3.913	3.918	3.922	3.925	3.927	3.928
175.0	3.704	3.713	3.722	3.730	3.738	3.746	3.753	3.759	3.765	3.770
177.5	3.608	3.613	3.617	3.621	3.625	3.628	3.631	3.634	3.637	3.640
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.705	3.707	3.709	3.711	3.712	3.714	3.715	3.715	3.716	3.716
5.0	3.840	3.844	3.849	3.852	3.855	3.857	3.859	3.861	3.861	3.862
7.5	3.986	3.983	3.990	3.996	4.000	4.004	4.006	4.008	4.009	4.009
10.0	4.172	4.172	4.170	4.168	4.164	4.160	4.155	4.157	4.158	4.158
12.5	4.346	4.346	4.345	4.342	4.339	4.334	4.328	4.321	4.313	4.308
15.0	4.516	4.506	4.508	4.506	4.502	4.498	4.492	4.486	4.478	4.469
17.5	4.688	4.682	4.674	4.665	4.656	4.652	4.651	4.650	4.647	4.643
20.0	4.850	4.842	4.842	4.839	4.836	4.831	4.827	4.828	4.828	4.826
22.5	5.007	5.015	5.015	5.013	5.011	5.008	5.003	4.998	4.999	5.000
25.0	5.143	5.154	5.165	5.174	5.173	5.172	5.170	5.168	5.164	5.166
27.5	5.267	5.279	5.292	5.305	5.319	5.325	5.326	5.327	5.327	5.326
30.0	5.370	5.392	5.407	5.423	5.441	5.458	5.470	5.475	5.479	5.483
32.5	5.460	5.485	5.509	5.529	5.551	5.573	5.596	5.613	5.623	5.626
35.0	5.548	5.575	5.600	5.624	5.649	5.672	5.694	5.715	5.727	5.737
37.5	5.628	5.663	5.688	5.709	5.729	5.752	5.776	5.800	5.822	5.839
40.0	5.692	5.733	5.767	5.789	5.810	5.830	5.856	5.882	5.907	5.933
42.5	5.744	5.788	5.833	5.868	5.890	5.911	5.933	5.962	5.991	6.019
45.0	5.792	5.839	5.888	5.938	5.970	5.992	6.013	6.040	6.072	6.103
47.5	5.805	5.887	5.940	5.994	6.049	6.072	6.094	6.116	6.151	6.181
50.0	5.814	5.905	5.988	6.047	6.106	6.148	6.153	6.161	6.182	6.210
52.5	5.819	5.917	6.018	6.069	6.109	6.155	6.170	6.183	6.203	6.236
55.0	5.793	5.878	5.955	6.041	6.088	6.141	6.181	6.201	6.223	6.260
57.5	5.655	5.792	5.882	5.982	6.061	6.122	6.187	6.214	6.243	6.282
60.0	5.528	5.677	5.799	5.913	6.029	6.099	6.175	6.223	6.259	6.302
62.5	5.412	5.563	5.709	5.837	5.975	6.072	6.157	6.228	6.271	6.310
65.0	5.307	5.459	5.609	5.756	5.906	6.027	6.111	6.192	6.236	6.284
67.5	5.107	5.363	5.518	5.674	5.820	5.958	6.048	6.142	6.200	6.256
70.0	4.891	5.260	5.429	5.603	5.744	5.882	5.985	6.086	6.161	6.227
72.5	4.703	5.144	5.340	5.530	5.677	5.808	5.923	6.030	6.121	6.196
75.0	4.543	4.979	5.252	5.456	5.618	5.743	5.861	5.976	6.079	6.165
77.5	4.410	4.839	5.166	5.384	5.566	5.686	5.811	5.934	6.047	6.135

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CANDELA TABULATION - (Cont.)

80.0	4.298	4.714	5.071	5.301	5.512	5.659	5.804	5.918	6.027	6.110
82.5	4.198	4.601	4.974	5.219	5.456	5.630	5.800	5.907	6.010	6.087
85.0	4.120	4.508	4.884	5.143	5.401	5.602	5.801	5.899	5.996	6.066
87.5	4.064	4.434	4.801	5.074	5.348	5.577	5.806	5.895	5.983	6.048
90.0	4.025	4.376	4.727	5.014	5.300	5.557	5.813	5.893	5.972	6.030
92.5	4.049	4.427	4.800	5.075	5.349	5.578	5.807	5.894	5.982	6.047
95.0	4.093	4.494	4.883	5.144	5.404	5.605	5.803	5.899	5.993	6.065
97.5	4.158	4.582	4.973	5.221	5.461	5.634	5.803	5.906	6.006	6.085
100.0	4.249	4.693	5.070	5.305	5.519	5.664	5.806	5.916	6.022	6.108
102.5	4.369	4.818	5.161	5.387	5.573	5.692	5.814	5.931	6.040	6.132
105.0	4.511	4.954	5.236	5.449	5.610	5.729	5.843	5.954	6.059	6.154
107.5	4.673	5.109	5.315	5.515	5.652	5.771	5.878	5.980	6.077	6.169
110.0	4.855	5.215	5.395	5.579	5.698	5.818	5.912	6.006	6.097	6.186
112.5	5.056	5.309	5.477	5.631	5.750	5.864	5.946	6.032	6.118	6.204
115.0	5.254	5.397	5.552	5.685	5.806	5.905	5.979	6.057	6.140	6.223
117.5	5.350	5.477	5.612	5.721	5.836	5.923	5.998	6.079	6.163	6.244
120.0	5.437	5.550	5.656	5.755	5.856	5.925	5.997	6.073	6.153	6.239
122.5	5.515	5.611	5.695	5.785	5.863	5.928	5.995	6.067	6.141	6.224
125.0	5.581	5.654	5.730	5.811	5.869	5.930	5.993	6.060	6.129	6.209
127.5	5.588	5.672	5.761	5.820	5.875	5.931	5.990	6.052	6.117	6.192
130.0	5.581	5.659	5.735	5.799	5.866	5.931	5.986	6.042	6.106	6.175
132.5	5.570	5.641	5.698	5.757	5.819	5.883	5.947	6.012	6.086	6.156
135.0	5.555	5.605	5.657	5.711	5.770	5.830	5.890	5.953	6.018	6.085
137.5	5.517	5.564	5.612	5.664	5.720	5.775	5.831	5.888	5.947	6.006
140.0	5.475	5.518	5.565	5.616	5.667	5.719	5.769	5.819	5.871	5.923
142.5	5.425	5.470	5.518	5.566	5.613	5.657	5.701	5.746	5.790	5.830
145.0	5.378	5.421	5.465	5.510	5.551	5.589	5.628	5.666	5.698	5.729
147.5	5.326	5.366	5.406	5.438	5.470	5.504	5.540	5.570	5.596	5.618
150.0	5.269	5.301	5.325	5.350	5.376	5.404	5.427	5.445	5.463	5.481
152.5	5.188	5.207	5.227	5.248	5.270	5.285	5.296	5.307	5.319	5.330
155.0	5.082	5.098	5.115	5.131	5.137	5.144	5.150	5.157	5.163	5.167
157.5	4.960	4.974	4.978	4.982	4.985	4.988	4.991	4.993	4.993	4.992
160.0	4.815	4.812	4.815	4.817	4.818	4.818	4.818	4.815	4.811	4.806
162.5	4.660	4.657	4.653	4.648	4.642	4.633	4.628	4.622	4.616	4.608
165.0	4.490	4.484	4.484	4.479	4.472	4.464	4.455	4.444	4.432	4.419
167.5	4.310	4.309	4.305	4.301	4.295	4.288	4.279	4.269	4.258	4.248
170.0	4.123	4.122	4.119	4.115	4.110	4.104	4.097	4.095	4.092	4.087
172.5	3.927	3.923	3.929	3.933	3.936	3.938	3.938	3.938	3.937	3.934
175.0	3.775	3.779	3.782	3.785	3.787	3.789	3.790	3.790	3.790	3.789
177.5	3.642	3.644	3.646	3.647	3.649	3.649	3.650	3.651	3.651	3.651
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

Vert. Horizontal Angles
Angles

	250.0	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0	272.5
0.0	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.716	3.715	3.715	3.714	3.713	3.711	3.709	3.707	3.705	3.728
5.0	3.861	3.860	3.859	3.857	3.854	3.851	3.847	3.843	3.838	3.881
7.5	4.008	4.006	4.004	4.000	3.996	3.991	3.985	3.978	3.971	4.032
10.0	4.156	4.154	4.150	4.145	4.139	4.132	4.124	4.114	4.104	4.179
12.5	4.306	4.302	4.297	4.290	4.282	4.273	4.262	4.250	4.237	4.324
15.0	4.455	4.452	4.445	4.437	4.427	4.415	4.401	4.386	4.370	4.466
17.5	4.638	4.631	4.627	4.623	4.617	4.609	4.599	4.586	4.572	4.678
20.0	4.823	4.818	4.809	4.809	4.807	4.802	4.795	4.786	4.773	4.889
22.5	5.000	4.998	4.994	4.991	4.993	4.992	4.989	4.984	4.975	5.099
25.0	5.170	5.172	5.172	5.170	5.174	5.179	5.181	5.180	5.177	5.307

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CANDELA TABULATION - (Cont.)

27.5	5.332	5.339	5.344	5.347	5.352	5.363	5.371	5.376	5.378	5.514
30.0	5.488	5.500	5.510	5.519	5.526	5.544	5.559	5.571	5.580	5.719
32.5	5.630	5.639	5.652	5.665	5.676	5.696	5.718	5.738	5.755	5.922
35.0	5.747	5.758	5.779	5.799	5.818	5.843	5.875	5.904	5.930	6.126
37.5	5.857	5.875	5.900	5.929	5.957	5.988	6.030	6.069	6.105	6.332
40.0	5.959	5.986	6.016	6.054	6.092	6.130	6.182	6.233	6.280	6.540
42.5	6.054	6.091	6.129	6.176	6.223	6.271	6.334	6.396	6.455	6.750
45.0	6.143	6.190	6.237	6.293	6.352	6.410	6.483	6.558	6.630	6.961
47.5	6.210	6.258	6.306	6.363	6.432	6.502	6.595	6.697	6.797	7.147
50.0	6.239	6.292	6.347	6.411	6.497	6.586	6.701	6.833	6.963	7.332
52.5	6.271	6.323	6.387	6.453	6.559	6.667	6.804	6.968	7.130	7.517
55.0	6.301	6.353	6.425	6.497	6.617	6.745	6.903	7.101	7.297	7.702
57.5	6.329	6.381	6.461	6.542	6.672	6.821	7.001	7.233	7.463	7.886
60.0	6.355	6.411	6.496	6.585	6.724	6.894	7.095	7.363	7.630	8.069
62.5	6.362	6.414	6.498	6.591	6.733	6.924	7.143	7.443	7.743	8.232
65.0	6.339	6.397	6.482	6.584	6.733	6.947	7.187	7.522	7.856	8.396
67.5	6.317	6.380	6.466	6.577	6.731	6.969	7.231	7.600	7.969	8.561
70.0	6.294	6.362	6.450	6.570	6.727	6.991	7.274	7.678	8.081	8.726
72.5	6.271	6.344	6.434	6.563	6.723	7.012	7.317	7.756	8.194	8.891
75.0	6.249	6.327	6.418	6.556	6.719	7.033	7.359	7.833	8.307	9.056
77.5	6.220	6.294	6.376	6.505	6.651	6.956	7.269	7.742	8.216	8.967
80.0	6.190	6.257	6.329	6.450	6.581	6.877	7.178	7.651	8.125	8.875
82.5	6.163	6.222	6.284	6.396	6.514	6.800	7.089	7.561	8.035	8.782
85.0	6.137	6.189	6.242	6.344	6.449	6.724	7.001	7.472	7.944	8.687
87.5	6.112	6.157	6.201	6.294	6.387	6.651	6.916	7.384	7.853	8.590
90.0	6.088	6.125	6.162	6.245	6.327	6.580	6.832	7.297	7.762	8.492
92.5	6.112	6.160	6.209	6.310	6.412	6.684	6.956	7.435	7.915	8.650
95.0	6.137	6.197	6.257	6.377	6.499	6.789	7.081	7.575	8.069	8.807
97.5	6.163	6.234	6.308	6.446	6.590	6.897	7.209	7.715	8.222	8.963
100.0	6.192	6.274	6.362	6.518	6.683	7.008	7.339	7.857	8.375	9.117
102.5	6.224	6.316	6.419	6.592	6.780	7.121	7.471	7.999	8.529	9.269
105.0	6.251	6.352	6.472	6.661	6.874	7.231	7.603	8.143	8.682	9.419
107.5	6.265	6.365	6.490	6.673	6.887	7.226	7.582	8.091	8.599	9.295
110.0	6.281	6.380	6.510	6.687	6.901	7.222	7.563	8.040	8.516	9.170
112.5	6.299	6.397	6.531	6.702	6.916	7.218	7.544	7.989	8.434	9.046
115.0	6.318	6.415	6.554	6.718	6.932	7.214	7.525	7.938	8.351	8.922
117.5	6.339	6.434	6.578	6.735	6.947	7.211	7.505	7.887	8.268	8.797
120.0	6.335	6.436	6.583	6.738	6.951	7.200	7.486	7.836	8.185	8.674
122.5	6.314	6.411	6.549	6.690	6.889	7.109	7.362	7.670	7.975	8.427
125.0	6.292	6.390	6.514	6.640	6.824	7.016	7.240	7.504	7.766	8.181
127.5	6.269	6.366	6.476	6.591	6.755	6.920	7.115	7.337	7.556	7.937
130.0	6.245	6.338	6.435	6.543	6.681	6.821	6.986	7.167	7.346	7.693
132.5	6.224	6.307	6.391	6.489	6.603	6.718	6.853	6.996	7.137	7.450
135.0	6.159	6.238	6.319	6.411	6.509	6.606	6.714	6.824	6.927	7.211
137.5	6.071	6.137	6.206	6.283	6.363	6.444	6.532	6.619	6.703	6.954
140.0	5.975	6.029	6.086	6.149	6.213	6.276	6.347	6.415	6.480	6.702
142.5	5.872	5.914	5.961	6.009	6.058	6.107	6.160	6.210	6.256	6.451
145.0	5.760	5.793	5.828	5.863	5.897	5.933	5.969	6.002	6.032	6.201
147.5	5.640	5.663	5.686	5.709	5.731	5.753	5.775	5.794	5.809	5.952
150.0	5.499	5.515	5.530	5.544	5.556	5.568	5.585	5.585	5.585	5.708
152.5	5.339	5.348	5.355	5.361	5.365	5.368	5.368	5.365	5.358	5.473
155.0	5.170	5.172	5.172	5.171	5.168	5.163	5.156	5.146	5.132	5.239
157.5	4.990	4.986	4.981	4.974	4.966	4.955	4.941	4.925	4.905	5.005
160.0	4.799	4.791	4.779	4.770	4.757	4.741	4.723	4.702	4.678	4.770
162.5	4.598	4.587	4.574	4.559	4.542	4.523	4.502	4.478	4.452	4.534
165.0	4.400	4.388	4.370	4.350	4.329	4.305	4.283	4.254	4.225	4.299

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.5	4.239	4.228	4.215	4.201	4.185	4.168	4.149	4.129	4.108	4.180
170.0	4.082	4.074	4.066	4.056	4.045	4.033	4.019	4.005	3.990	4.057
172.5	3.931	3.927	3.921	3.915	3.908	3.900	3.892	3.883	3.873	3.930
175.0	3.787	3.785	3.782	3.779	3.775	3.771	3.766	3.761	3.755	3.798
177.5	3.650	3.649	3.648	3.647	3.646	3.644	3.642	3.640	3.638	3.661
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

Vert. Angles	Horizontal Angles									
	275.0	277.5	280.0	282.5	285.0	287.5	290.0	292.5	295.0	297.5
0.0	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.751	3.773	3.795	3.817	3.838	3.859	3.879	3.899	3.918	3.937
5.0	3.924	3.966	4.008	4.048	4.089	4.128	4.166	4.204	4.240	4.276
7.5	4.092	4.151	4.209	4.266	4.323	4.378	4.432	4.485	4.537	4.588
10.0	4.254	4.327	4.399	4.470	4.541	4.610	4.677	4.744	4.810	4.874
12.5	4.410	4.495	4.578	4.661	4.742	4.822	4.902	4.980	5.108	5.284
15.0	4.561	4.654	4.746	4.837	4.927	5.017	5.122	5.337	5.549	5.758
17.5	4.782	4.884	4.982	5.079	5.172	5.303	5.545	5.781	6.012	6.238
20.0	5.002	5.113	5.220	5.325	5.444	5.718	5.988	6.253	6.513	6.767
22.5	5.220	5.338	5.453	5.565	5.819	6.120	6.417	6.709	6.995	7.285
25.0	5.435	5.559	5.680	5.850	6.182	6.509	6.831	7.148	7.475	7.828
27.5	5.646	5.775	5.901	6.177	6.533	6.884	7.230	7.580	7.972	8.357
30.0	5.855	5.988	6.119	6.495	6.872	7.245	7.613	8.034	8.455	8.870
32.5	6.084	6.240	6.460	6.867	7.265	7.653	8.061	8.497	8.923	9.366
35.0	6.317	6.502	6.817	7.260	7.692	8.137	8.584	9.047	9.500	9.939
37.5	6.555	6.770	7.175	7.653	8.120	8.596	9.095	9.584	10.097	10.513
40.0	6.796	7.044	7.533	8.046	8.549	9.070	9.594	10.108	10.598	11.066
42.5	7.040	7.332	7.890	8.438	8.977	9.533	10.080	10.624	11.111	11.597
45.0	7.287	7.653	8.246	8.830	9.407	9.985	10.554	11.096	11.605	12.107
47.5	7.493	7.917	8.541	9.160	9.776	10.387	10.992	11.549	12.078	12.627
50.0	7.697	8.171	8.819	9.462	10.100	10.732	11.352	11.912	12.467	13.026
52.5	7.900	8.421	9.092	9.757	10.415	11.067	11.687	12.260	12.830	13.416
55.0	8.102	8.666	9.359	10.045	10.720	11.390	12.007	12.593	13.179	13.789
57.5	8.304	8.908	9.621	10.325	11.016	11.702	12.313	12.910	13.519	14.146
60.0	8.505	9.146	9.876	10.596	11.302	11.999	12.606	13.211	13.843	14.485
62.5	8.718	9.411	10.171	10.907	11.619	12.305	12.912	13.514	14.156	14.806
65.0	8.933	9.677	10.471	11.224	11.947	12.631	13.249	13.869	14.531	15.185
67.5	9.150	9.941	10.768	11.533	12.265	12.947	13.575	14.216	14.892	15.559
70.0	9.367	10.202	11.060	11.833	12.574	13.253	13.889	14.550	15.240	15.921
72.5	9.585	10.459	11.349	12.125	12.873	13.549	14.192	14.871	15.573	16.277
75.0	9.803	10.713	11.632	12.410	13.162	13.835	14.484	15.179	15.892	16.624
77.5	9.719	10.670	11.631	12.448	13.247	13.949	14.632	15.363	16.105	16.881
80.0	9.649	10.608	11.597	12.444	13.279	13.997	14.701	15.446	16.196	16.969
82.5	9.542	10.541	11.593	12.434	13.303	14.036	14.761	15.515	16.272	17.036
85.0	9.435	10.469	11.527	12.417	13.340	14.067	14.834	15.571	16.332	17.083
87.5	9.329	10.392	11.461	12.392	13.332	14.089	14.856	15.614	16.385	17.111
90.0	9.222	10.309	11.395	12.359	13.323	14.100	14.877	15.642	16.407	17.121
92.5	9.387	10.450	11.520	12.441	13.370	14.118	14.875	15.619	16.376	17.089
95.0	9.552	10.586	11.644	12.514	13.418	14.126	14.873	15.583	16.316	17.040
97.5	9.717	10.717	11.769	12.581	13.420	14.125	14.821	15.535	16.249	16.974
100.0	9.882	10.842	11.832	12.642	13.437	14.117	14.783	15.475	16.170	16.891
102.5	10.011	10.962	11.924	12.698	13.448	14.103	14.738	15.405	16.079	16.790
105.0	10.156	11.063	11.983	12.711	13.405	14.020	14.611	15.233	15.865	16.531
107.5	9.988	10.857	11.741	12.466	13.150	13.760	14.334	14.933	15.545	16.183
110.0	9.822	10.648	11.495	12.215	12.888	13.493	14.050	14.624	15.216	15.822
112.5	9.656	10.436	11.246	11.957	12.618	13.219	13.759	14.307	14.878	15.449

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CANDELA TABULATION - (Cont.)

115.0	9.489	10.222	10.994	11.693	12.340	12.940	13.462	13.982	14.532	15.072
117.5	9.323	10.007	10.740	11.423	12.054	12.655	13.158	13.653	14.178	14.703
120.0	9.163	9.781	10.470	11.128	11.737	12.336	12.828	13.321	13.836	14.359
122.5	8.872	9.457	10.122	10.766	11.364	11.957	12.470	12.970	13.478	13.996
125.0	8.591	9.130	9.770	10.397	10.983	11.562	12.092	12.597	13.103	13.614
127.5	8.312	8.800	9.414	10.019	10.592	11.157	11.696	12.203	12.708	13.211
130.0	8.034	8.468	9.055	9.633	10.193	10.741	11.279	11.786	12.290	12.789
132.5	7.758	8.134	8.693	9.244	9.784	10.316	10.839	11.346	11.846	12.372
135.0	7.483	7.796	8.327	8.848	9.363	9.878	10.385	10.883	11.373	11.857
137.5	7.199	7.446	7.949	8.443	8.928	9.427	9.918	10.407	10.878	11.348
140.0	6.918	7.126	7.569	8.035	8.491	8.963	9.436	9.901	10.361	10.816
142.5	6.639	6.820	7.187	7.624	8.052	8.486	8.940	9.385	9.853	10.260
145.0	6.363	6.519	6.803	7.211	7.610	8.020	8.429	8.854	9.269	9.679
147.5	6.091	6.222	6.417	6.796	7.166	7.527	7.905	8.307	8.700	9.109
150.0	5.831	5.935	6.045	6.396	6.748	7.095	7.435	7.825	8.218	8.606
152.5	5.583	5.690	5.792	6.044	6.374	6.699	7.017	7.340	7.711	8.076
155.0	5.343	5.443	5.539	5.683	5.990	6.292	6.587	6.877	7.179	7.519
157.5	5.101	5.194	5.283	5.368	5.597	5.874	6.145	6.410	6.670	6.935
160.0	4.858	4.943	5.024	5.102	5.194	5.445	5.691	5.931	6.165	6.393
162.5	4.613	4.690	4.763	4.834	4.901	5.006	5.225	5.438	5.647	5.849
165.0	4.372	4.442	4.513	4.584	4.655	4.727	4.817	5.023	5.226	5.428
167.5	4.251	4.322	4.392	4.462	4.532	4.601	4.671	4.741	4.863	5.034
170.0	4.123	4.189	4.254	4.318	4.382	4.445	4.509	4.571	4.633	4.696
172.5	3.986	4.042	4.097	4.152	4.206	4.259	4.312	4.364	4.416	4.466
175.0	3.840	3.882	3.923	3.964	4.004	4.043	4.082	4.120	4.157	4.194
177.5	3.685	3.708	3.730	3.753	3.775	3.797	3.818	3.838	3.859	3.878
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	3.955	3.972	3.989	4.005	4.020	4.035	4.048	4.061	4.073	4.084
5.0	4.310	4.344	4.376	4.407	4.437	4.466	4.493	4.519	4.543	4.566
7.5	4.638	4.686	4.733	4.778	4.822	4.876	4.962	5.044	5.123	5.197
10.0	4.941	5.069	5.202	5.330	5.454	5.573	5.688	5.798	5.903	6.002
12.5	5.456	5.625	5.788	5.948	6.102	6.251	6.394	6.532	6.664	6.789
15.0	5.962	6.161	6.356	6.545	6.729	6.911	7.105	7.293	7.473	7.646
17.5	6.459	6.678	6.928	7.146	7.385	7.618	7.845	8.064	8.276	8.479
20.0	7.015	7.283	7.549	7.808	8.057	8.296	8.554	8.805	9.052	9.298
22.5	7.599	7.906	8.204	8.493	8.772	9.049	9.314	9.576	9.833	10.113
25.0	8.174	8.512	8.841	9.197	9.479	9.790	10.093	10.385	10.667	10.938
27.5	8.734	9.102	9.463	9.819	10.168	10.508	10.840	11.201	11.489	11.807
30.0	9.276	9.674	10.064	10.448	10.825	11.194	11.566	11.935	12.296	12.646
32.5	9.798	10.219	10.635	11.045	11.452	11.864	12.271	12.670	13.062	13.448
35.0	10.357	10.766	11.175	11.615	12.059	12.499	12.934	13.363	13.796	14.223
37.5	10.953	11.384	11.811	12.238	12.654	13.092	13.557	14.025	14.489	14.950
40.0	11.526	11.980	12.439	12.889	13.329	13.759	14.186	14.638	15.133	15.623
42.5	12.076	12.561	13.041	13.513	13.969	14.417	14.864	15.310	15.754	16.241
45.0	12.610	13.117	13.617	14.100	14.562	15.025	15.490	15.985	16.460	16.914
47.5	13.124	13.649	14.166	14.635	15.107	15.583	16.120	16.645	17.151	17.681
50.0	13.593	14.151	14.651	15.125	15.605	16.161	16.734	17.289	17.870	18.467
52.5	14.002	14.573	15.075	15.569	16.107	16.726	17.329	17.946	18.585	19.213
55.0	14.394	14.952	15.473	16.012	16.620	17.260	17.913	18.591	19.258	19.900
57.5	14.786	15.315	15.854	16.441	17.092	17.746	18.478	19.198	19.880	20.501
60.0	15.100	15.661	16.217	16.864	17.524	18.244	19.028	19.788	20.449	21.076

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CANDELA TABULATION - (Cont.)

62.5	15.414	15.991	16.587	17.249	17.916	18.739	19.563	20.318	20.994	21.652
65.0	15.782	16.356	16.954	17.598	18.332	19.216	20.079	20.808	21.513	22.208
67.5	16.186	16.797	17.439	18.075	18.855	19.710	20.522	21.270	22.005	22.742
70.0	16.585	17.239	17.906	18.564	19.434	20.308	21.073	21.788	22.501	23.249
72.5	16.978	17.669	18.356	19.081	19.977	20.861	21.614	22.355	23.101	23.838
75.0	17.362	18.081	18.786	19.575	20.483	21.349	22.124	22.893	23.665	24.425
77.5	17.673	18.447	19.196	20.036	20.953	21.808	22.604	23.396	24.189	24.927
80.0	17.750	18.530	19.307	20.224	21.189	22.090	22.960	23.830	24.672	25.386
82.5	17.804	18.592	19.382	20.316	21.275	22.177	23.065	23.949	24.832	25.615
85.0	17.835	18.634	19.435	20.373	21.321	22.230	23.134	24.027	24.919	25.738
87.5	17.854	18.654	19.476	20.396	21.348	22.248	23.185	24.063	24.984	25.828
90.0	17.835	18.652	19.468	20.387	21.305	22.231	23.157	24.056	24.955	25.875
92.5	17.818	18.620	19.445	20.357	21.301	22.199	23.132	24.005	24.920	25.781
95.0	17.764	18.566	19.372	20.296	21.229	22.131	23.029	23.912	24.793	25.641
97.5	17.701	18.491	19.287	20.203	21.138	22.029	22.908	23.779	24.645	25.461
100.0	17.618	18.393	19.179	20.076	21.011	21.895	22.753	23.606	24.434	25.187
102.5	17.516	18.275	19.038	19.872	20.765	21.608	22.405	23.195	23.980	24.730
105.0	17.216	17.926	18.661	19.458	20.337	21.182	21.957	22.724	23.487	24.237
107.5	16.849	17.533	18.260	19.013	19.876	20.727	21.480	22.221	22.958	23.682
110.0	16.467	17.116	17.833	18.545	19.383	20.218	20.972	21.687	22.393	23.125
112.5	16.073	16.687	17.382	18.081	18.858	19.672	20.450	21.176	21.886	22.621
115.0	15.666	16.258	16.906	17.608	18.353	19.177	19.990	20.694	21.372	22.062
117.5	15.274	15.875	16.505	17.202	17.891	18.675	19.461	20.188	20.836	21.462
120.0	14.905	15.504	16.104	16.772	17.440	18.144	18.901	19.643	20.278	20.872
122.5	14.528	15.103	15.698	16.319	16.964	17.599	18.311	19.023	19.701	20.287
125.0	14.121	14.674	15.260	15.874	16.465	17.075	17.694	18.377	19.044	19.671
127.5	13.710	14.214	14.790	15.363	15.945	16.524	17.101	17.709	18.344	18.959
130.0	13.276	13.758	14.289	14.843	15.385	15.937	16.493	17.040	17.616	18.197
132.5	12.819	13.295	13.771	14.301	14.817	15.319	15.848	16.370	16.883	17.410
135.0	12.332	12.799	13.265	13.740	14.230	14.707	15.168	15.664	16.150	16.622
137.5	11.813	12.270	12.723	13.172	13.626	14.076	14.511	14.929	15.381	15.892
140.0	11.265	11.707	12.145	12.578	13.007	13.429	13.837	14.260	14.730	15.227
142.5	10.691	11.114	11.532	11.947	12.356	12.784	13.230	13.672	14.114	14.556
145.0	10.091	10.494	10.897	11.324	11.755	12.182	12.606	13.026	13.438	13.848
147.5	9.520	9.932	10.338	10.737	11.131	11.533	11.930	12.321	12.705	13.083
150.0	8.989	9.371	9.752	10.124	10.489	10.845	11.208	11.569	11.923	12.268
152.5	8.435	8.788	9.137	9.483	9.820	10.148	10.467	10.814	11.095	11.407
155.0	7.853	8.180	8.501	8.850	9.123	9.422	9.712	9.992	10.261	10.518
157.5	7.242	7.542	7.835	8.121	8.399	8.675	8.929	9.180	9.425	9.724
160.0	6.615	6.875	7.139	7.396	7.645	7.886	8.166	8.442	8.709	8.970
162.5	6.045	6.245	6.489	6.726	6.987	7.241	7.489	7.729	7.962	8.186
165.0	5.626	5.821	6.013	6.202	6.387	6.573	6.786	6.991	7.189	7.380
167.5	5.203	5.369	5.532	5.691	5.846	5.998	6.145	6.288	6.426	6.559
170.0	4.760	4.889	5.021	5.149	5.275	5.397	5.515	5.629	5.738	5.844
172.5	4.516	4.566	4.614	4.662	4.709	4.766	4.854	4.940	5.021	5.099
175.0	4.230	4.265	4.299	4.332	4.364	4.395	4.426	4.455	4.482	4.509
177.5	3.897	3.916	3.934	3.951	3.968	3.984	3.999	4.013	4.027	4.040
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572	3.572
2.5	4.095	4.104	4.112	4.120	4.126	4.132	4.136	4.140	4.142	4.144
5.0	4.587	4.607	4.625	4.642	4.656	4.669	4.680	4.690	4.697	4.702
7.5	5.266	5.331	5.392	5.448	5.498	5.544	5.585	5.620	5.650	5.674

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CANDELA TABULATION - (Cont.)

10.0	6.096	6.185	6.267	6.343	6.413	6.476	6.532	6.582	6.625	6.660
12.5	6.919	7.047	7.167	7.278	7.382	7.476	7.562	7.638	7.704	7.761
15.0	7.810	7.966	8.114	8.252	8.380	8.499	8.607	8.704	8.790	8.864
17.5	8.674	8.860	9.038	9.211	9.373	9.522	9.660	9.784	9.895	9.992
20.0	9.535	9.761	9.976	10.179	10.370	10.548	10.712	10.862	10.997	11.116
22.5	10.382	10.640	10.887	11.122	11.349	11.564	11.762	11.943	12.107	12.252
25.0	11.205	11.511	11.803	12.081	12.342	12.588	12.815	13.025	13.215	13.384
27.5	12.114	12.409	12.709	13.020	13.315	13.595	13.857	14.098	14.317	14.512
30.0	12.987	13.341	13.640	13.955	14.290	14.605	14.898	15.168	15.414	15.634
32.5	13.832	14.206	14.569	14.919	15.255	15.600	15.922	16.216	16.484	16.726
35.0	14.642	15.053	15.454	15.837	16.205	16.557	16.908	17.233	17.530	17.799
37.5	15.441	15.846	16.278	16.700	17.108	17.502	17.879	18.231	18.552	18.841
40.0	16.107	16.585	17.056	17.518	17.979	18.415	18.821	19.198	19.547	19.862
42.5	16.759	17.274	17.818	18.347	18.847	19.317	19.755	20.158	20.535	20.880
45.0	17.386	18.006	18.601	19.168	19.705	20.208	20.678	21.111	21.511	21.891
47.5	18.231	18.762	19.368	19.972	20.545	21.085	21.589	22.055	22.478	22.881
50.0	19.050	19.615	20.159	20.757	21.368	21.945	22.460	22.951	23.414	23.848
52.5	19.819	20.402	20.983	21.562	22.129	22.708	23.269	23.808	24.318	24.738
55.0	20.509	21.123	21.735	22.300	22.848	23.428	24.024	24.558	25.049	25.494
57.5	21.133	21.770	22.384	22.985	23.571	24.122	24.685	25.252	25.773	26.251
60.0	21.688	22.342	22.989	23.635	24.302	24.883	25.374	25.942	26.507	27.024
62.5	22.294	22.908	23.564	24.359	25.070	25.686	26.182	26.625	27.230	27.786
65.0	22.887	23.537	24.300	25.112	25.859	26.442	26.976	27.456	27.898	28.448
67.5	23.456	24.181	24.962	25.792	26.537	27.177	27.734	28.166	28.599	29.104
70.0	23.993	24.717	25.493	26.325	27.121	27.835	28.316	28.788	29.257	29.605
72.5	24.496	25.135	25.938	26.837	27.689	28.312	28.841	29.291	29.694	30.082
75.0	25.056	25.684	26.479	27.322	28.138	28.803	29.374	29.736	30.082	30.501
77.5	25.568	26.247	27.097	27.953	28.639	29.300	29.798	30.197	30.534	30.860
80.0	26.032	26.779	27.636	28.452	29.179	29.823	30.233	30.651	30.895	31.220
82.5	26.350	27.186	28.084	28.900	29.663	30.234	30.663	30.995	31.198	31.450
85.0	26.537	27.370	28.224	29.097	29.961	30.532	31.024	31.322	31.548	31.829
87.5	26.716	27.481	28.310	29.193	30.104	30.662	31.196	31.507	31.796	32.092
90.0	26.795	27.530	28.265	29.218	30.170	30.742	31.313	31.637	31.960	32.147
92.5	26.688	27.440	28.253	29.145	30.068	30.642	31.194	31.494	31.765	32.025
95.0	26.476	27.291	28.114	28.999	29.886	30.486	31.014	31.293	31.487	31.730
97.5	26.250	27.074	27.928	28.749	29.532	30.118	30.567	30.898	31.088	31.331
100.0	25.897	26.655	27.475	28.270	28.987	29.612	30.038	30.478	30.735	31.044
102.5	25.416	26.115	26.933	27.757	28.411	29.017	29.566	30.011	30.359	30.666
105.0	24.896	25.539	26.311	27.127	27.933	28.592	29.177	29.573	29.923	30.342
107.5	24.342	24.983	25.787	26.681	27.535	28.161	28.707	29.166	29.547	29.932
110.0	23.868	24.596	25.371	26.202	27.004	27.730	28.210	28.659	29.099	29.440
112.5	23.356	24.097	24.875	25.698	26.451	27.084	27.633	28.044	28.449	28.991
115.0	22.777	23.490	24.256	25.055	25.770	26.342	26.870	27.349	27.789	28.409
117.5	22.142	22.828	23.550	24.308	24.985	25.572	26.061	26.502	27.164	27.789
120.0	21.459	22.184	22.894	23.586	24.220	24.773	25.240	25.832	26.446	27.020
122.5	20.892	21.525	22.198	22.851	23.482	24.013	24.561	25.139	25.698	26.228
125.0	20.256	20.851	21.460	22.074	22.663	23.276	23.878	24.407	24.913	25.391
127.5	19.543	20.110	20.681	21.255	21.860	22.477	23.057	23.596	24.091	24.519
130.0	18.756	19.292	19.826	20.430	21.060	21.658	22.199	22.702	23.163	23.588
132.5	17.935	18.435	19.020	19.630	20.219	20.777	21.301	21.788	22.224	22.623
135.0	17.104	17.699	18.275	18.829	19.359	19.875	20.361	20.811	21.226	21.606
137.5	16.436	16.971	17.504	18.019	18.510	18.976	19.413	19.822	20.206	20.555
140.0	15.735	16.232	16.716	17.187	17.640	18.069	18.471	18.846	19.193	19.507
142.5	15.032	15.454	15.900	16.330	16.744	17.138	17.512	17.860	18.177	18.462
145.0	14.254	14.655	15.049	15.439	15.814	16.169	16.520	16.843	17.138	17.402
147.5	13.454	13.818	14.173	14.518	14.851	15.198	15.518	15.813	16.081	16.321

IES INDOOR REPORT
PHOTOMETRIC FILENAME : POSILIPO - F75L01.IES

CANDELA TABULATION - (Cont.)

150.0	12.603	12.953	13.244	13.550	13.904	14.228	14.526	14.796	15.038	15.252
152.5	11.709	12.000	12.308	12.647	12.968	13.268	13.544	13.795	14.022	14.224
155.0	10.774	11.111	11.432	11.737	12.025	12.296	12.548	12.780	12.993	13.185
157.5	10.012	10.291	10.561	10.819	11.072	11.312	11.536	11.742	11.930	12.099
160.0	9.222	9.465	9.699	9.923	10.136	10.336	10.525	10.700	10.861	11.007
162.5	8.402	8.608	8.806	8.996	9.175	9.344	9.501	9.646	9.778	9.897
165.0	7.563	7.738	7.903	8.059	8.206	8.342	8.468	8.583	8.687	8.779
167.5	6.702	6.845	6.980	7.108	7.227	7.337	7.438	7.530	7.612	7.685
170.0	5.944	6.040	6.130	6.215	6.294	6.367	6.434	6.495	6.549	6.597
172.5	5.173	5.243	5.309	5.371	5.428	5.480	5.528	5.570	5.608	5.640
175.0	4.534	4.558	4.581	4.601	4.621	4.639	4.655	4.669	4.681	4.692
177.5	4.052	4.063	4.073	4.082	4.090	4.098	4.104	4.109	4.114	4.117
180.0	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

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	3.572	3.572	3.572	3.572	3.572
2.5	4.144	4.143	4.142	4.139	4.135
5.0	4.722	4.716	4.710	4.704	4.698
7.5	5.693	5.706	5.714	5.716	5.712
10.0	6.688	6.743	6.737	6.731	6.725
12.5	7.807	7.843	7.868	7.883	7.886
15.0	8.926	8.975	9.039	9.043	9.047
17.5	10.075	10.142	10.195	10.231	10.251
20.0	11.219	11.305	11.411	11.433	11.455
22.5	12.378	12.484	12.570	12.635	12.678
25.0	13.533	13.660	13.764	13.856	13.900
27.5	14.683	14.830	14.950	15.044	15.112
30.0	15.828	15.995	16.134	16.259	16.323
32.5	16.940	17.124	17.279	17.402	17.494
35.0	18.038	18.245	18.419	18.577	18.665
37.5	19.097	19.320	19.507	19.659	19.774
40.0	20.142	20.385	20.590	20.776	20.882
42.5	21.190	21.461	21.691	21.880	22.024
45.0	22.233	22.533	22.790	23.026	23.165
47.5	23.254	23.584	23.868	24.102	24.286
50.0	24.258	24.622	24.938	25.229	25.407
52.5	25.137	25.507	25.839	26.127	26.365
55.0	25.911	26.331	26.711	27.073	27.323
57.5	26.683	27.133	27.530	27.868	28.148
60.0	27.487	27.931	28.343	28.722	28.972
62.5	28.245	28.660	29.077	29.435	29.731
65.0	28.935	29.355	29.792	30.175	30.490
67.5	29.579	29.958	30.339	30.700	31.003
70.0	30.042	30.462	30.850	31.217	31.515
72.5	30.492	30.888	31.228	31.579	31.886
75.0	30.873	31.250	31.586	31.927	32.257
77.5	31.272	31.631	31.952	32.233	32.552
80.0	31.610	32.003	32.348	32.539	32.847
82.5	31.888	32.293	32.656	32.782	33.131
85.0	32.160	32.550	32.898	33.028	33.415
87.5	32.437	32.790	33.189	33.322	33.461
90.0	32.333	32.758	33.182	33.345	33.507
92.5	32.316	32.697	33.074	33.272	33.444
95.0	32.019	32.416	32.832	33.058	33.380

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

97.5	31.751	32.215	32.648	32.851	33.158
100.0	31.419	31.911	32.359	32.626	32.935
102.5	31.101	31.519	32.020	32.386	32.687
105.0	30.733	31.221	31.744	32.137	32.438
107.5	30.389	30.943	31.453	31.806	32.103
110.0	30.002	30.577	31.090	31.463	31.767
112.5	29.592	30.115	30.567	30.936	31.244
115.0	28.994	29.535	30.005	30.399	30.720
117.5	28.321	28.815	29.266	29.650	29.969
120.0	27.549	28.051	28.508	28.931	29.218
122.5	26.712	27.208	27.648	28.026	28.343
125.0	25.859	26.338	26.771	27.185	27.468
127.5	24.962	25.384	25.761	26.087	26.357
130.0	24.009	24.392	24.729	25.046	25.245
132.5	22.993	23.324	23.613	23.853	24.041
135.0	21.944	22.238	22.486	22.711	22.837
137.5	20.864	21.133	21.358	21.540	21.676
140.0	19.785	20.026	20.229	20.413	20.515
142.5	18.715	18.934	19.117	19.263	19.373
145.0	17.634	17.834	18.001	18.150	18.230
147.5	16.531	16.712	16.863	16.982	17.069
150.0	15.439	15.597	15.728	15.845	15.908
152.5	14.400	14.553	14.680	14.783	14.862
155.0	13.356	13.505	13.631	13.747	13.815
157.5	12.249	12.380	12.490	12.581	12.650
160.0	11.137	11.250	11.385	11.435	11.485
162.5	10.001	10.091	10.166	10.225	10.268
165.0	8.858	8.926	9.007	9.029	9.050
167.5	7.747	7.798	7.839	7.869	7.889
170.0	6.638	6.705	6.713	6.720	6.727
172.5	5.667	5.689	5.705	5.715	5.720
175.0	4.718	4.717	4.715	4.714	4.713
177.5	4.119	4.120	4.120	4.119	4.117
180.0	3.000	3.000	3.000	3.000	3.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : POSILIPO - F75L01.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2.09	0.80	1.50
0-30	5.63	2.30	4.10
0-40	11.45	4.60	8.20
0-60	29.85	11.90	21.50
0-80	55.43	22.20	39.90
0-90	69.73	27.90	50.20
10-90	69.31	27.70	49.90
20-40	9.36	3.70	6.70
20-50	17.50	7.00	12.60
40-70	30.48	12.20	21.90
60-80	25.59	10.20	18.40
70-80	13.50	5.40	9.70
80-90	14.29	5.70	10.30
90-110	27.73	11.10	20.00
90-120	39.80	15.90	28.60
90-130	49.99	20.00	36.00
90-150	63.67	25.50	45.80
90-180	69.19	27.70	49.80
110-180	41.46	16.60	29.80
0-180	138.92	55.60	100.00

Total Luminaire Efficiency = 55.60%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.42
10-20	1.67
20-30	3.55
30-40	5.82
40-50	8.14
50-60	10.26
60-70	12.08
70-80	13.50
80-90	14.29
90-100	14.26
100-110	13.47
110-120	12.07
120-130	10.19
130-140	8.00
140-150	5.68
150-160	3.47
160-170	1.64
170-180	0.41

IES INDOOR REPORT
PHOTOMETRIC FILENAME : POSILIPO - F75L01.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	60	60	60	60	55	55	55	55	46	46	46	39	39	39	31	31	31	28
1	51	48	45	42	47	44	41	38	36	34	32	29	28	26	23	22	21	18
2	46	40	36	32	42	37	33	29	30	27	24	24	22	20	19	17	15	13
3	41	34	29	25	37	31	27	23	26	22	19	21	18	15	16	14	12	9
4	37	30	25	20	34	27	23	19	22	19	16	18	15	13	14	11	9	7
5	34	26	21	17	31	24	19	16	20	16	13	16	13	10	12	10	8	6
6	31	23	18	14	28	21	17	13	17	14	11	14	11	9	11	8	7	5
7	29	21	16	12	26	19	15	11	16	12	9	12	10	7	10	7	6	4
8	26	19	14	11	24	17	13	10	14	11	8	11	8	6	9	6	5	3
9	24	17	12	9	22	16	11	9	13	9	7	10	8	6	8	6	4	3
10	23	15	11	8	21	14	10	8	12	8	6	9	7	5	7	5	4	3

IES INDOOR REPORT
PHOTOMETRIC FILENAME : POSILIPO - F75L01.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	12.5	13.5	13.4	14.5	15.8	6.0	7.0	6.9	8.0	9.2
	3H	16.1	17.1	17.0	18.0	19.3	8.6	9.6	9.5	10.5	11.8
	4H	17.8	18.7	18.8	19.7	21.0	9.8	10.7	10.8	11.7	13.0
	6H	19.6	20.4	20.5	21.4	22.7	11.0	11.9	12.0	12.8	14.1
	8H	20.4	21.2	21.3	22.2	23.5	11.6	12.4	12.5	13.4	14.7
	12H	21.2	22.0	22.1	22.9	24.3	12.1	12.9	13.1	13.9	15.2

UGR Viewed Endwise

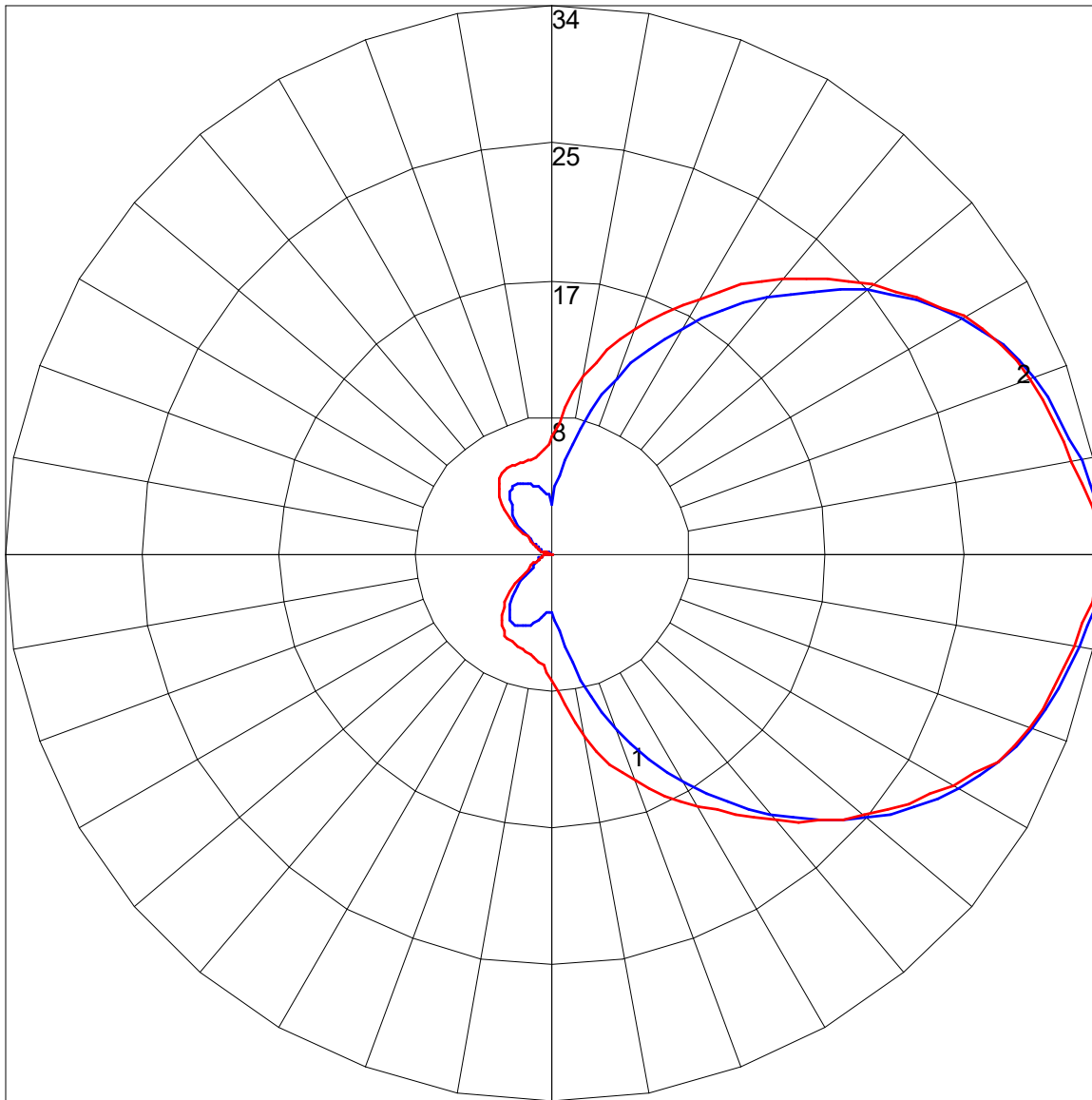
4H	2H	12.9	13.9	13.9	14.8	16.1	7.8	8.7	8.7	9.7	11.0
	3H	16.8	17.6	17.8	18.6	19.9	10.6	11.3	11.5	12.4	13.7
	4H	18.7	19.5	19.7	20.5	21.8	11.9	12.6	12.9	13.6	14.9
	6H	20.7	21.3	21.7	22.4	23.7	13.2	13.8	14.2	14.8	16.2
	8H	21.6	22.2	22.6	23.2	24.6	13.8	14.4	14.7	15.4	16.7
	12H	22.5	23.1	23.5	24.2	25.5	14.3	14.9	15.3	15.9	17.3

8H	4H	19.0	19.7	20.0	20.7	22.0	13.2	13.8	14.2	14.8	16.2
	6H	21.2	21.8	22.2	22.8	24.1	14.7	15.3	15.7	16.3	17.6
	8H	22.3	22.8	23.3	23.9	25.2	15.4	15.9	16.4	17.0	18.3
	12H	23.5	23.9	24.5	25.0	26.3	16.1	16.6	17.1	17.6	19.0

12H	4H	19.1	19.6	20.1	20.7	22.0	13.6	14.2	14.6	15.2	16.5
	6H	21.3	21.8	22.3	22.8	24.2	15.2	15.7	16.2	16.8	18.1
	8H	22.5	22.9	23.5	24.0	25.4	16.1	16.5	17.1	17.6	18.9

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 33.548 Located At Horizontal Angle = 2.5, Vertical Angle = 87.5
1 - Vertical Plane Through Horizontal Angles (2.5 - 182.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (87.5) (Through Max. Cd.)