

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : F07A03.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[MANUFAC] Fabbian Illuminazione SpA

[EULUMDAT\_ITYP] 1

[EULUMDAT\_HDIST] 5

[EULUMD\_VDIST] 5

[TEST] 009

[LUMINAIRE] LUMI-MOCHI

[LUMCAT] F07 A03

[EULUM\_FILENAME] F07 A03.ltd

[ISSUEDATE] 07/03/2012/Sedis Light Technology

[EULUM\_AREALENGTH] 435

[EULUM\_AREAWIDTH] 0

[EULUM\_C0\_LUM] 1.00

[EULUM\_C90\_LUM] 1.00

[EULUM\_C180\_LUM] 1.00

[EULUM\_C270\_LUM] 1.00

[EULUM\_DOWN\_FLUX] 100.00

[EULUM EFFICIENCY] 77.09

[EULUM\_CONV] 1

[EULUM\_TILT] 0.00

[EULUM\_LAMP\_1\_NUM] 1

[EULUM\_LAMP\_1\_TYPE] Osram QT-32

[EULUM\_LAMP\_1\_FLUX] 4200.00

[EULUM\_LAMP\_1\_COLOR] 2900

[EULUM\_LAMP\_1\_CRG] 0

[EULUM\_LAMP\_1\_WATTS] 205

[LAMP] Osram QT-32

[EULUM\_DR\_0] 0

[EULUM\_DR\_1] 0

[EULUM\_DR\_2] 0

[EULUM\_DR\_3] 0

[EULUM\_DR\_4] 0

[EULUM\_DR\_5] 0

[EULUM\_DR\_6] 0

[EULUM\_DR\_7] 0

[EULUM\_DR\_8] 0

[EULUM\_DR\_9] 0

[CONVERT] Luminaire test position and photometric web converted from original LDT test data by 270 degrees

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**CHARACTERISTICS**

Lumens Per Lamp	4200 (1 lamp)
Total Lamp Lumens	4200
Luminaire Lumens	3295
Total Luminaire Efficiency	78 %
Luminaire Efficacy Rating (LER)	16
Total Luminaire Watts	205
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)	0.44 m (Diameter)
Luminous Width (90-270)	0.44 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	2761	2739	2747
55	3264	3246	3263
65	4431	4417	4435
75	6873	6884	6823
85	19567	19627	19655

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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>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.581	301.539	301.497	301.581	301.665	301.602	301.539	301.644	301.749	301.676
<b>5.0</b>	300.510	300.426	300.342	300.510	300.678	300.552	300.426	300.636	300.846	300.699
<b>7.5</b>	300.174	300.479	300.783	300.815	300.846	300.710	300.573	300.500	300.426	300.489
<b>10.0</b>	299.838	300.531	301.224	301.119	301.014	300.867	300.720	300.363	300.006	300.279
<b>12.5</b>	299.376	299.544	299.712	299.597	299.481	299.355	299.229	298.904	298.578	299.061
<b>15.0</b>	298.914	298.557	298.200	298.074	297.948	297.843	297.738	297.444	297.150	297.843
<b>17.5</b>	297.969	297.675	297.381	297.224	297.066	296.951	296.835	296.751	296.667	296.825
<b>20.0</b>	297.024	296.793	296.562	296.373	296.184	296.058	295.932	296.058	296.184	295.806
<b>22.5</b>	296.667	296.552	296.436	296.237	296.037	295.544	295.050	295.113	295.176	295.575
<b>25.0</b>	296.310	296.310	296.310	296.100	295.890	295.029	294.168	294.168	294.168	295.344
<b>27.5</b>	296.457	296.982	297.507	297.434	297.360	296.972	296.583	296.205	295.827	296.090
<b>30.0</b>	296.604	297.654	298.704	298.767	298.830	298.914	298.998	298.242	297.486	296.835
<b>32.5</b>	294.252	294.987	295.722	295.964	296.205	296.016	295.827	295.250	294.672	294.431
<b>35.0</b>	291.900	292.320	292.740	293.160	293.580	293.118	292.656	292.257	291.858	292.026
<b>37.5</b>	293.937	294.126	294.315	294.389	294.462	294.095	293.727	294.011	294.294	294.063
<b>40.0</b>	295.974	295.932	295.890	295.617	295.344	295.071	294.798	295.764	296.730	296.100
<b>42.5</b>	293.538	292.793	292.047	292.415	292.782	292.499	292.215	292.751	293.286	292.898
<b>45.0</b>	291.102	289.653	288.204	289.212	290.220	289.926	289.632	289.737	289.842	289.695
<b>47.5</b>	288.435	287.795	287.154	286.944	286.734	286.986	287.238	287.501	287.763	287.123
<b>50.0</b>	285.768	285.936	286.104	284.676	283.248	284.046	284.844	285.264	285.684	284.550
<b>52.5</b>	282.660	281.999	281.337	280.634	279.930	280.382	280.833	281.684	282.534	281.516
<b>55.0</b>	279.552	278.061	276.570	276.591	276.612	276.717	276.822	278.103	279.384	278.481
<b>57.5</b>	279.531	279.090	278.649	278.376	278.103	278.124	278.145	278.849	279.552	278.691
<b>60.0</b>	279.510	280.119	280.728	280.161	279.594	279.531	279.468	279.594	279.720	278.901
<b>62.5</b>	279.846	280.350	280.854	280.550	280.245	280.214	280.182	280.214	280.245	279.710
<b>65.0</b>	280.182	280.581	280.980	280.938	280.896	280.896	280.896	280.833	280.770	280.518
<b>67.5</b>	274.722	275.352	275.982	276.224	276.465	275.783	275.100	275.142	275.184	275.394
<b>70.0</b>	269.262	270.123	270.984	271.509	272.034	270.669	269.304	269.451	269.598	270.270
<b>72.5</b>	268.317	268.485	268.653	269.231	269.808	269.115	268.422	268.107	267.792	268.149
<b>75.0</b>	267.372	266.847	266.322	266.952	267.582	267.561	267.540	266.763	265.986	266.028
<b>77.5</b>	263.760	263.351	262.941	263.823	264.705	264.422	264.138	263.897	263.655	263.288
<b>80.0</b>	260.148	259.854	259.560	260.694	261.828	261.282	260.736	261.030	261.324	260.547
<b>82.5</b>	261.093	260.726	260.358	260.852	261.345	261.324	261.303	261.807	262.311	261.293
<b>85.0</b>	262.038	261.597	261.156	261.009	260.862	261.366	261.870	262.584	263.298	262.038
<b>87.5</b>	260.295	260.558	260.820	260.348	259.875	260.274	260.673	260.768	260.862	260.526
<b>90.0</b>	258.552	259.518	260.484	259.686	258.888	259.182	259.476	258.951	258.426	259.014
<b>92.5</b>	255.864	256.127	256.389	255.948	255.507	255.549	255.591	255.402	255.213	255.738
<b>95.0</b>	253.176	252.735	252.294	252.210	252.126	251.916	251.706	251.853	252.000	252.462
<b>97.5</b>	254.940	254.310	253.680	254.237	254.793	254.195	253.596	254.111	254.625	254.772
<b>100.0</b>	256.704	255.885	255.066	256.263	257.460	256.473	255.486	256.368	257.250	257.082
<b>102.5</b>	253.743	253.428	253.113	252.977	252.840	253.029	253.218	252.977	252.735	253.092
<b>105.0</b>	250.782	250.971	251.160	249.690	248.220	249.585	250.950	249.585	248.220	249.102
<b>107.5</b>	250.824	250.730	250.635	250.604	250.572	251.286	252.000	251.276	250.551	250.352
<b>110.0</b>	250.866	250.488	250.110	251.517	252.924	252.987	253.050	252.966	252.882	251.601
<b>112.5</b>	251.202	250.698	250.194	250.635	251.076	251.601	252.126	252.095	252.063	251.129
<b>115.0</b>	251.538	250.908	250.278	249.753	249.228	250.215	251.202	251.223	251.244	250.656
<b>117.5</b>	253.533	253.061	252.588	251.853	251.118	251.591	252.063	252.546	253.029	252.557
<b>120.0</b>	255.528	255.213	254.898	253.953	253.008	252.966	252.924	253.869	254.814	254.457
<b>122.5</b>	251.496	251.717	251.937	250.782	249.627	249.753	249.879	250.478	251.076	251.013
<b>125.0</b>	247.464	248.220	248.976	247.611	246.246	246.540	246.834	247.086	247.338	247.569
<b>127.5</b>	244.419	244.976	245.532	244.703	243.873	244.398	244.923	245.102	245.280	244.913
<b>130.0</b>	241.374	241.731	242.088	241.794	241.500	242.256	243.012	243.117	243.222	242.256
<b>132.5</b>	240.450	240.776	241.101	240.933	240.765	241.248	241.731	241.595	241.458	241.301

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**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	239.526	239.820	240.114	240.072	240.030	240.240	240.450	240.072	239.694	240.345
<b>137.5</b>	238.980	239.736	240.492	240.366	240.240	239.988	239.736	239.894	240.051	240.083
<b>140.0</b>	238.434	239.652	240.870	240.660	240.450	239.736	239.022	239.715	240.408	239.820
<b>142.5</b>	238.308	239.022	239.736	239.558	239.379	239.169	238.959	238.896	238.833	238.844
<b>145.0</b>	238.182	238.392	238.602	238.455	238.308	238.602	238.896	238.077	237.258	237.867
<b>147.5</b>	235.347	235.599	235.851	235.064	234.276	234.507	234.738	234.675	234.612	235.043
<b>150.0</b>	232.512	232.806	233.100	231.672	230.244	230.412	230.580	231.273	231.966	232.218
<b>152.5</b>	231.462	231.620	231.777	231.137	230.496	230.339	230.181	230.927	231.672	231.158
<b>155.0</b>	230.412	230.433	230.454	230.601	230.748	230.265	229.782	230.580	231.378	230.097
<b>157.5</b>	226.023	225.866	225.708	225.897	226.086	225.918	225.750	226.317	226.884	226.590
<b>160.0</b>	221.634	221.298	220.962	221.193	221.424	221.571	221.718	222.054	222.390	223.083
<b>162.5</b>	220.374	220.721	221.067	220.511	219.954	220.343	220.731	221.214	221.697	221.739
<b>165.0</b>	219.114	220.143	221.172	219.828	218.484	219.114	219.744	220.374	221.004	220.395
<b>167.5</b>	218.862	219.125	219.387	218.841	218.295	218.631	218.967	219.587	220.206	219.282
<b>170.0</b>	218.610	218.106	217.602	217.854	218.106	218.148	218.190	218.799	219.408	218.169
<b>172.5</b>	219.555	218.778	218.001	218.180	218.358	218.421	218.484	218.852	219.219	218.610
<b>175.0</b>	220.500	219.450	218.400	218.505	218.610	218.694	218.778	218.904	219.030	219.051
<b>177.5</b>	220.164	219.776	219.387	219.146	218.904	218.495	218.085	218.169	218.253	218.873
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>25.0</u></b>	<b><u>27.5</u></b>	<b><u>30.0</u></b>	<b><u>32.5</u></b>	<b><u>35.0</u></b>	<b><u>37.5</u></b>	<b><u>40.0</u></b>	<b><u>42.5</u></b>	<b><u>45.0</u></b>	<b><u>47.5</u></b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.602	301.634	301.665	301.434	301.203	301.455	301.707	301.592	301.476	301.340
<b>5.0</b>	300.552	300.615	300.678	300.216	299.754	300.258	300.762	300.531	300.300	300.027
<b>7.5</b>	300.552	300.122	299.691	300.027	300.363	300.227	300.090	299.807	299.523	299.450
<b>10.0</b>	300.552	299.628	298.704	299.838	300.972	300.195	299.418	299.082	298.746	298.872
<b>12.5</b>	299.544	299.135	298.725	298.904	299.082	298.410	297.738	298.263	298.788	298.242
<b>15.0</b>	298.536	298.641	298.746	297.969	297.192	296.625	296.058	297.444	298.830	297.612
<b>17.5</b>	296.982	296.888	296.793	296.867	296.940	296.625	296.310	296.678	297.045	296.489
<b>20.0</b>	295.428	295.134	294.840	295.764	296.688	296.625	296.562	295.911	295.260	295.365
<b>22.5</b>	295.974	295.922	295.869	296.027	296.184	295.838	295.491	295.607	295.722	295.943
<b>25.0</b>	296.520	296.709	296.898	296.289	295.680	295.050	294.420	295.302	296.184	296.520
<b>27.5</b>	296.352	297.003	297.654	297.266	296.877	296.394	295.911	296.468	297.024	297.434
<b>30.0</b>	296.184	297.297	298.410	298.242	298.074	297.738	297.402	297.633	297.864	298.347
<b>32.5</b>	294.189	294.924	295.659	295.880	296.100	295.397	294.693	295.323	295.953	295.848
<b>35.0</b>	292.194	292.551	292.908	293.517	294.126	293.055	291.984	293.013	294.042	293.349
<b>37.5</b>	293.832	294.462	295.092	294.977	294.861	294.525	294.189	294.483	294.777	294.662
<b>40.0</b>	295.470	296.373	297.276	296.436	295.596	295.995	296.394	295.953	295.512	295.974
<b>42.5</b>	292.509	293.150	293.790	293.202	292.614	292.971	293.328	292.740	292.152	292.698
<b>45.0</b>	289.548	289.926	290.304	289.968	289.632	289.947	290.262	289.527	288.792	289.422
<b>47.5</b>	286.482	287.406	288.330	287.889	287.448	287.133	286.818	286.682	286.545	287.112
<b>50.0</b>	283.416	284.886	286.356	285.810	285.264	284.319	283.374	283.836	284.298	284.802
<b>52.5</b>	280.497	281.715	282.933	282.104	281.274	280.833	280.392	280.760	281.127	281.400
<b>55.0</b>	277.578	278.544	279.510	278.397	277.284	277.347	277.410	277.683	277.956	277.998
<b>57.5</b>	277.830	278.471	279.111	278.534	277.956	278.439	278.922	278.702	278.481	279.006
<b>60.0</b>	278.082	278.397	278.712	278.670	278.628	279.531	280.434	279.720	279.006	280.014
<b>62.5</b>	279.174	279.731	280.287	280.088	279.888	280.581	281.274	280.214	279.153	279.794
<b>65.0</b>	280.266	281.064	281.862	281.505	281.148	281.631	282.114	280.707	279.300	279.573
<b>67.5</b>	275.604	275.993	276.381	276.318	276.255	276.318	276.381	275.846	275.310	275.111
<b>70.0</b>	270.942	270.921	270.900	271.131	271.362	271.005	270.648	270.984	271.320	270.648
<b>72.5</b>	268.506	269.031	269.556	269.084	268.611	268.286	267.960	268.758	269.556	269.357
<b>75.0</b>	266.070	267.141	268.212	267.036	265.860	265.566	265.272	266.532	267.792	268.065
<b>77.5</b>	262.920	263.519	264.117	263.592	263.067	263.025	262.983	263.309	263.634	263.697
<b>80.0</b>	259.770	259.896	260.022	260.148	260.274	260.484	260.694	260.085	259.476	259.329

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82.5	260.274	260.999	261.723	261.272	260.820	261.387	261.954	261.555	261.156	260.768
85.0	260.778	262.101	263.424	262.395	261.366	262.290	263.214	263.025	262.836	262.206
87.5	260.190	260.337	260.484	260.054	259.623	260.190	260.757	260.579	260.400	260.579
90.0	259.602	258.573	257.544	257.712	257.880	258.090	258.300	258.132	257.964	258.951
92.5	256.263	255.759	255.255	255.213	255.171	254.877	254.583	255.245	255.906	256.127
95.0	252.924	252.945	252.966	252.714	252.462	251.664	250.866	252.357	253.848	253.302
97.5	254.919	254.373	253.827	253.880	253.932	253.313	252.693	253.502	254.310	254.457
100.0	256.914	255.801	254.688	255.045	255.402	254.961	254.520	254.646	254.772	255.612
102.5	253.449	252.987	252.525	252.903	253.281	252.536	251.790	251.612	251.433	251.906
105.0	249.984	250.173	250.362	250.761	251.160	250.110	249.060	248.577	248.094	248.199
107.5	250.152	250.572	250.992	251.475	251.958	251.454	250.950	250.005	249.060	249.491
110.0	250.320	250.971	251.622	252.189	252.756	252.798	252.840	251.433	250.026	250.782
112.5	250.194	250.814	251.433	251.906	252.378	251.811	251.244	250.740	250.236	250.709
115.0	250.068	250.656	251.244	251.622	252.000	250.824	249.648	250.047	250.446	250.635
117.5	252.084	252.105	252.126	252.893	253.659	253.187	252.714	252.840	252.966	252.420
120.0	254.100	253.554	253.008	254.163	255.318	255.549	255.780	255.633	255.486	254.205
122.5	250.950	250.394	249.837	250.866	251.895	251.507	251.118	251.013	250.908	250.436
125.0	247.800	247.233	246.666	247.569	248.472	247.464	246.456	246.393	246.330	246.666
127.5	244.545	244.640	244.734	245.364	245.994	245.448	244.902	244.367	243.831	244.220
130.0	241.290	242.046	242.802	243.159	243.516	243.432	243.348	242.340	241.332	241.773
132.5	241.143	241.847	242.550	242.004	241.458	241.857	242.256	241.805	241.353	241.658
135.0	240.996	241.647	242.298	240.849	239.400	240.282	241.164	241.269	241.374	241.542
137.5	240.114	240.692	241.269	240.744	240.219	240.209	240.198	240.093	239.988	240.650
140.0	239.232	239.736	240.240	240.639	241.038	240.135	239.232	238.917	238.602	239.757
142.5	238.854	239.222	239.589	239.505	239.421	239.012	238.602	238.991	239.379	239.852
145.0	238.476	238.707	238.938	238.371	237.804	237.888	237.972	239.064	240.156	239.946
147.5	235.473	235.053	234.633	234.801	234.969	235.106	235.242	235.998	236.754	236.040
150.0	232.470	231.399	230.328	231.231	232.134	232.323	232.512	232.932	233.352	232.134
152.5	230.643	230.538	230.433	230.790	231.147	231.420	231.693	231.431	231.168	230.717
155.0	228.816	229.677	230.538	230.349	230.160	230.517	230.874	229.929	228.984	229.299
157.5	226.296	226.580	226.863	226.779	226.695	227.010	227.325	226.401	225.477	225.278
160.0	223.776	223.482	223.188	223.209	223.230	223.503	223.776	222.873	221.970	221.256
162.5	221.781	221.592	221.403	221.582	221.760	221.855	221.949	221.351	220.752	220.059
165.0	219.786	219.702	219.618	219.954	220.290	220.206	220.122	219.828	219.534	218.862
167.5	218.358	218.369	218.379	219.083	219.786	219.639	219.492	218.988	218.484	218.589
170.0	216.930	217.035	217.140	218.211	219.282	219.072	218.862	218.148	217.434	218.316
172.5	218.001	218.232	218.463	219.209	219.954	219.650	219.345	218.558	217.770	218.484
175.0	219.072	219.429	219.786	220.206	220.626	220.227	219.828	218.967	218.106	218.652
177.5	219.492	219.125	218.757	219.324	219.891	219.713	219.534	218.799	218.064	218.631
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**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	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.203	301.413	301.623	301.718	301.812	301.581	301.350	301.329	301.308	301.308
5.0	299.754	300.174	300.594	300.783	300.972	300.510	300.048	300.006	299.964	299.964
7.5	299.376	300.258	301.140	301.193	301.245	300.332	299.418	299.450	299.481	299.922
10.0	298.998	300.342	301.686	301.602	301.518	300.153	298.788	298.893	298.998	299.880
12.5	297.696	298.893	300.090	299.775	299.460	298.662	297.864	298.347	298.830	299.271
15.0	296.394	297.444	298.494	297.948	297.402	297.171	296.940	297.801	298.662	298.662
17.5	295.932	296.594	297.255	296.877	296.499	296.342	296.184	296.856	297.528	297.024
20.0	295.470	295.743	296.016	295.806	295.596	295.512	295.428	295.911	296.394	295.386
22.5	296.163	296.289	296.415	295.712	295.008	295.323	295.638	295.691	295.743	295.050
25.0	296.856	296.835	296.814	295.617	294.420	295.134	295.848	295.470	295.092	294.714
27.5	297.843	297.140	296.436	295.995	295.554	295.890	296.226	296.447	296.667	295.922

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

30.0	298.830	297.444	296.058	296.373	296.688	296.646	296.604	297.423	298.242	297.129
32.5	295.743	295.575	295.407	294.924	294.441	294.441	294.441	294.882	295.323	295.040
35.0	292.656	293.706	294.756	293.475	292.194	292.236	292.278	292.341	292.404	292.950
37.5	294.546	294.704	294.861	294.053	293.244	293.528	293.811	293.853	293.895	294.263
40.0	296.436	295.701	294.966	294.630	294.294	294.819	295.344	295.365	295.386	295.575
42.5	293.244	292.919	292.593	291.911	291.228	292.121	293.013	292.467	291.921	292.089
45.0	290.052	290.136	290.220	289.191	288.162	289.422	290.682	289.569	288.456	288.603
47.5	287.679	287.763	287.847	287.165	286.482	287.385	288.288	287.091	285.894	286.272
50.0	285.306	285.390	285.474	285.138	284.802	285.348	285.894	284.613	283.332	283.941
52.5	281.673	281.757	281.841	281.369	280.896	281.306	281.715	281.642	281.568	281.222
55.0	278.040	278.124	278.208	277.599	276.990	277.263	277.536	278.670	279.804	278.502
57.5	279.531	279.122	278.712	278.859	279.006	278.618	278.229	279.048	279.867	279.216
60.0	281.022	280.119	279.216	280.119	281.022	279.972	278.922	279.426	279.930	279.930
62.5	280.434	279.836	279.237	279.752	280.266	280.403	280.539	280.823	281.106	280.371
65.0	279.846	279.552	279.258	279.384	279.510	280.833	282.156	282.219	282.282	280.812
67.5	274.911	274.796	274.680	275.195	275.709	276.035	276.360	276.486	276.612	275.625
70.0	269.976	270.039	270.102	271.005	271.908	271.236	270.564	270.753	270.942	270.438
72.5	269.157	269.105	269.052	269.157	269.262	269.283	269.304	268.937	268.569	268.328
75.0	268.338	268.170	268.002	267.309	266.616	267.330	268.044	267.120	266.196	266.217
77.5	263.760	264.264	264.768	264.170	263.571	264.390	265.209	264.075	262.941	262.952
80.0	259.182	260.358	261.534	261.030	260.526	261.450	262.374	261.030	259.686	259.686
82.5	260.379	260.978	261.576	261.408	261.240	261.440	261.639	261.566	261.492	261.093
85.0	261.576	261.597	261.618	261.786	261.954	261.429	260.904	262.101	263.298	262.500
87.5	260.757	260.600	260.442	260.232	260.022	259.718	259.413	259.949	260.484	260.652
90.0	259.938	259.602	259.266	258.678	258.090	258.006	257.922	257.796	257.670	258.804
92.5	256.347	256.158	255.969	255.245	254.520	254.646	254.772	255.203	255.633	256.032
95.0	252.756	252.714	252.672	251.811	250.950	251.286	251.622	252.609	253.596	253.260
97.5	254.604	254.342	254.079	254.121	254.163	253.586	253.008	253.649	254.289	254.394
100.0	256.452	255.969	255.486	256.431	257.376	255.885	254.394	254.688	254.982	255.528
102.5	252.378	252.714	253.050	253.281	253.512	252.620	251.727	252.189	252.651	252.525
105.0	248.304	249.459	250.614	250.131	249.648	249.354	249.060	249.690	250.320	249.522
107.5	249.921	250.604	251.286	251.129	250.971	250.961	250.950	251.045	251.139	250.268
110.0	251.538	251.748	251.958	252.126	252.294	252.567	252.840	252.399	251.958	251.013
112.5	251.181	251.454	251.727	251.297	250.866	251.486	252.105	251.885	251.664	251.276
115.0	250.824	251.160	251.496	250.467	249.438	250.404	251.370	251.370	251.370	251.538
117.5	251.874	252.525	253.176	252.830	252.483	252.231	251.979	252.651	253.323	253.208
120.0	252.924	253.890	254.856	255.192	255.528	254.058	252.588	253.932	255.276	254.877
122.5	249.963	250.383	250.803	250.971	251.139	250.268	249.396	250.520	251.643	250.971
125.0	247.002	246.876	246.750	246.750	246.750	246.477	246.204	247.107	248.010	247.065
127.5	244.608	244.986	245.364	244.724	244.083	244.440	244.797	244.923	245.049	244.430
130.0	242.214	243.096	243.978	242.697	241.416	242.403	243.390	242.739	242.088	241.794
132.5	241.962	242.550	243.138	241.763	240.387	241.028	241.668	241.889	242.109	241.385
135.0	241.710	242.004	242.298	240.828	239.358	239.652	239.946	241.038	242.130	240.975
137.5	241.311	241.238	241.164	240.650	240.135	240.335	240.534	240.608	240.681	240.545
140.0	240.912	240.471	240.030	240.471	240.912	241.017	241.122	240.177	239.232	240.114
142.5	240.324	239.652	238.980	239.610	240.240	239.925	239.610	239.411	239.211	239.694
145.0	239.736	238.833	237.930	238.749	239.568	238.833	238.098	238.644	239.190	239.274
147.5	235.326	235.148	234.969	234.959	234.948	234.843	234.738	235.190	235.641	235.967
150.0	230.916	231.462	232.008	231.168	230.328	230.853	231.378	231.735	232.092	232.659
152.5	230.265	230.423	230.580	230.570	230.559	230.822	231.084	231.242	231.399	231.357
155.0	229.614	229.383	229.152	229.971	230.790	230.790	230.790	230.748	230.706	230.055
157.5	225.078	225.551	226.023	226.286	226.548	226.905	227.262	226.548	225.834	225.971
160.0	220.542	221.718	222.894	222.600	222.306	223.020	223.734	222.348	220.962	221.886
162.5	219.366	219.975	220.584	221.183	221.781	221.655	221.529	220.721	219.912	220.952
165.0	218.190	218.232	218.274	219.765	221.256	220.290	219.324	219.093	218.862	220.017
167.5	218.694	218.442	218.190	219.293	220.395	219.671	218.946	218.862	218.778	219.230

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	219.198	218.652	218.106	218.820	219.534	219.051	218.568	218.631	218.694	218.442
<b>172.5</b>	219.198	218.631	218.064	219.083	220.101	219.335	218.568	218.621	218.673	218.684
<b>175.0</b>	219.198	218.610	218.022	219.345	220.668	219.618	218.568	218.610	218.652	218.925
<b>177.5</b>	219.198	218.946	218.694	219.419	220.143	219.366	218.589	218.789	218.988	219.167
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**Vert.  
Angles**

**Horizontal Angles**

	<b>75.0</b>	<b>77.5</b>	<b>80.0</b>	<b>82.5</b>	<b>85.0</b>	<b>87.5</b>	<b>90.0</b>	<b>92.5</b>	<b>95.0</b>	<b>97.5</b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.308	301.529	301.749	301.728	301.707	301.497	301.287	301.497	301.707	301.728
<b>5.0</b>	299.964	300.405	300.846	300.804	300.762	300.342	299.922	300.342	300.762	300.804
<b>7.5</b>	300.363	300.794	301.224	301.035	300.846	300.405	299.964	300.405	300.846	301.035
<b>10.0</b>	300.762	301.182	301.602	301.266	300.930	300.468	300.006	300.468	300.930	301.266
<b>12.5</b>	299.712	299.439	299.166	299.040	298.914	299.030	299.145	299.030	298.914	299.040
<b>15.0</b>	298.662	297.696	296.730	296.814	296.898	297.591	298.284	297.591	296.898	296.814
<b>17.5</b>	296.520	296.510	296.499	296.489	296.478	296.825	297.171	296.825	296.478	296.489
<b>20.0</b>	294.378	295.323	296.268	296.163	296.058	296.058	296.058	296.058	296.058	296.163
<b>22.5</b>	294.357	295.271	296.184	296.048	295.911	296.258	296.604	296.258	295.911	296.048
<b>25.0</b>	294.336	295.218	296.100	295.932	295.764	296.457	297.150	296.457	295.764	295.932
<b>27.5</b>	295.176	295.911	296.646	296.405	296.163	296.636	297.108	296.636	296.163	296.405
<b>30.0</b>	296.016	296.604	297.192	296.877	296.562	296.814	297.066	296.814	296.562	296.877
<b>32.5</b>	294.756	294.945	295.134	294.725	294.315	294.546	294.777	294.546	294.315	294.725
<b>35.0</b>	293.496	293.286	293.076	292.572	292.068	292.278	292.488	292.278	292.068	292.572
<b>37.5</b>	294.630	294.756	294.882	294.599	294.315	294.263	294.210	294.263	294.315	294.599
<b>40.0</b>	295.764	296.226	296.688	296.625	296.562	296.247	295.932	296.247	296.562	296.625
<b>42.5</b>	292.257	292.604	292.950	293.360	293.769	293.286	292.803	293.286	293.769	293.360
<b>45.0</b>	288.750	288.981	289.212	290.094	290.976	290.325	289.674	290.325	290.976	290.094
<b>47.5</b>	286.650	286.776	286.902	287.606	288.309	287.879	287.448	287.879	288.309	287.606
<b>50.0</b>	284.550	284.571	284.592	285.117	285.642	285.432	285.222	285.432	285.642	285.117
<b>52.5</b>	280.875	280.770	280.665	280.938	281.211	281.778	282.345	281.778	281.211	280.938
<b>55.0</b>	277.200	276.969	276.738	276.759	276.780	278.124	279.468	278.124	276.780	276.759
<b>57.5</b>	278.565	278.597	278.628	278.303	277.977	278.996	280.014	278.996	277.977	278.303
<b>60.0</b>	279.930	280.224	280.518	279.846	279.174	279.867	280.560	279.867	279.174	279.846
<b>62.5</b>	279.636	279.699	279.762	279.668	279.573	280.025	280.476	280.025	279.573	279.668
<b>65.0</b>	279.342	279.174	279.006	279.489	279.972	280.182	280.392	280.182	279.972	279.489
<b>67.5</b>	274.638	274.302	273.966	274.670	275.373	275.027	274.680	275.027	275.373	274.670
<b>70.0</b>	269.934	269.430	268.926	269.850	270.774	269.871	268.968	269.871	270.774	269.850
<b>72.5</b>	268.086	268.223	268.359	268.517	268.674	267.939	267.204	267.939	268.674	268.517
<b>75.0</b>	266.238	267.015	267.792	267.183	266.574	266.007	265.440	266.007	266.574	267.183
<b>77.5</b>	262.962	263.498	264.033	263.939	263.844	263.760	263.676	263.760	263.844	263.939
<b>80.0</b>	259.686	259.980	260.274	260.694	261.114	261.513	261.912	261.513	261.114	260.694
<b>82.5</b>	260.694	260.852	261.009	261.146	261.282	261.923	262.563	261.923	261.282	261.146
<b>85.0</b>	261.702	261.723	261.744	261.597	261.450	262.332	263.214	262.332	261.450	261.597
<b>87.5</b>	260.820	260.967	261.114	260.579	260.043	260.516	260.988	260.516	260.043	260.579
<b>90.0</b>	259.938	260.211	260.484	259.560	258.636	258.699	258.762	258.699	258.636	259.560
<b>92.5</b>	256.431	256.085	255.738	255.455	255.171	255.738	256.305	255.738	255.171	255.455
<b>95.0</b>	252.924	251.958	250.992	251.349	251.706	252.777	253.848	252.777	251.706	251.349
<b>97.5</b>	254.499	253.974	253.449	253.250	253.050	254.058	255.066	254.058	253.050	253.250
<b>100.0</b>	256.074	255.990	255.906	255.150	254.394	255.339	256.284	255.339	254.394	255.150
<b>102.5</b>	252.399	252.704	253.008	252.683	252.357	252.357	252.357	252.357	252.357	252.683
<b>105.0</b>	248.724	249.417	250.110	250.215	250.320	249.375	248.430	249.375	250.320	250.215
<b>107.5</b>	249.396	250.215	251.034	250.992	250.950	250.688	250.425	250.688	250.950	250.992
<b>110.0</b>	250.068	251.013	251.958	251.769	251.580	252.000	252.420	252.000	251.580	251.769
<b>112.5</b>	250.887	250.751	250.614	250.856	251.097	251.307	251.517	251.307	251.097	250.856
<b>115.0</b>	251.706	250.488	249.270	249.942	250.614	250.614	250.614	250.614	250.614	249.942

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

117.5	253.092	252.116	251.139	252.084	253.029	252.861	252.693	252.861	253.029	252.084
120.0	254.478	253.743	253.008	254.226	255.444	255.108	254.772	255.108	255.444	254.226
122.5	250.299	250.383	250.467	250.971	251.475	251.370	251.265	251.370	251.475	250.971
125.0	246.120	247.023	247.926	247.716	247.506	247.632	247.758	247.632	247.506	247.716
127.5	243.810	244.913	246.015	245.417	244.818	245.028	245.238	245.028	244.818	245.417
130.0	241.500	242.802	244.104	243.117	242.130	242.424	242.718	242.424	242.130	243.117
132.5	240.660	241.196	241.731	241.836	241.941	242.046	242.151	242.046	241.941	241.836
135.0	239.820	239.589	239.358	240.555	241.752	241.668	241.584	241.668	241.752	240.555
137.5	240.408	240.272	240.135	240.188	240.240	240.251	240.261	240.251	240.240	240.188
140.0	240.996	240.954	240.912	239.820	238.728	238.833	238.938	238.833	238.728	239.820
142.5	240.177	239.726	239.274	239.369	239.463	238.991	238.518	238.991	239.463	239.369
145.0	239.358	238.497	237.636	238.917	240.198	239.148	238.098	239.148	240.198	238.917
147.5	236.292	235.914	235.536	235.746	235.956	235.694	235.431	235.694	235.956	235.746
150.0	233.226	233.331	233.436	232.575	231.714	232.239	232.764	232.239	231.714	232.575
152.5	231.315	231.588	231.861	231.746	231.630	231.840	232.050	231.840	231.630	231.746
155.0	229.404	229.845	230.286	230.916	231.546	231.441	231.336	231.441	231.546	230.916
157.5	226.107	226.401	226.695	226.485	226.275	226.338	226.401	226.338	226.275	226.485
160.0	222.810	222.957	223.104	222.054	221.004	221.235	221.466	221.235	221.004	222.054
162.5	221.991	221.456	220.920	220.794	220.668	220.259	219.849	220.259	220.668	220.794
165.0	221.172	219.954	218.736	219.534	220.332	219.282	218.232	219.282	220.332	219.534
167.5	219.681	219.492	219.303	219.618	219.933	219.167	218.400	219.167	219.933	219.618
170.0	218.190	219.030	219.870	219.702	219.534	219.051	218.568	219.051	219.534	219.702
172.5	218.694	219.335	219.975	219.482	218.988	218.862	218.736	218.862	218.988	219.482
175.0	219.198	219.639	220.080	219.261	218.442	218.673	218.904	218.673	218.442	219.261
177.5	219.345	219.009	218.673	218.526	218.379	218.736	219.093	218.736	218.379	218.526
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**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	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.749	301.529	301.308	301.308	301.308	301.329	301.350	301.581	301.812	301.718
5.0	300.846	300.405	299.964	299.964	299.964	300.006	300.048	300.510	300.972	300.783
7.5	301.224	300.794	300.363	299.922	299.481	299.450	299.418	300.332	301.245	301.193
10.0	301.602	301.182	300.762	299.880	298.998	298.893	298.788	300.153	301.518	301.602
12.5	299.166	299.439	299.712	299.271	298.830	298.347	297.864	298.662	299.460	299.775
15.0	296.730	297.696	298.662	298.662	298.662	297.801	296.940	297.171	297.402	297.948
17.5	296.499	296.510	296.520	297.024	297.528	296.856	296.184	296.342	296.499	296.877
20.0	296.268	295.323	294.378	295.386	296.394	295.911	295.428	295.512	295.596	295.806
22.5	296.184	295.271	294.357	295.050	295.743	295.691	295.638	295.323	295.008	295.712
25.0	296.100	295.218	294.336	294.714	295.092	295.470	295.848	295.134	294.420	295.617
27.5	296.646	295.911	295.176	295.922	296.667	296.447	296.226	295.890	295.554	295.995
30.0	297.192	296.604	296.016	297.129	298.242	297.423	296.604	296.646	296.688	296.373
32.5	295.134	294.945	294.756	295.040	295.323	294.882	294.441	294.441	294.441	294.924
35.0	293.076	293.286	293.496	292.950	292.404	292.341	292.278	292.236	292.194	293.475
37.5	294.882	294.756	294.630	294.263	293.895	293.853	293.811	293.528	293.244	294.053
40.0	296.688	296.226	295.764	295.575	295.386	295.365	295.344	294.819	294.294	294.630
42.5	292.950	292.604	292.257	292.089	291.921	292.467	293.013	292.121	291.228	291.911
45.0	289.212	288.981	288.750	288.603	288.456	289.569	290.682	289.422	288.162	289.191
47.5	286.902	286.776	286.650	286.272	285.894	287.091	288.288	287.385	286.482	287.165
50.0	284.592	284.571	284.550	283.941	283.332	284.613	285.894	285.348	284.802	285.138
52.5	280.665	280.770	280.875	281.222	281.568	281.642	281.715	281.306	280.896	281.369
55.0	276.738	276.969	277.200	278.502	279.804	278.670	277.536	277.263	276.990	277.599
57.5	278.628	278.597	278.565	279.216	279.867	279.048	278.229	278.618	279.006	278.859
60.0	280.518	280.224	279.930	279.930	279.930	279.426	278.922	279.972	281.022	280.119
62.5	279.762	279.699	279.636	280.371	281.106	280.823	280.539	280.403	280.266	279.752



**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

65.0	279.006	279.174	279.342	280.812	282.282	282.219	282.156	280.833	279.510	279.384
67.5	273.966	274.302	274.638	275.625	276.612	276.486	276.360	276.035	275.709	275.195
70.0	268.926	269.430	269.934	270.438	270.942	270.753	270.564	271.236	271.908	271.005
72.5	268.359	268.223	268.086	268.328	268.569	268.937	269.304	269.283	269.262	269.157
75.0	267.792	267.015	266.238	266.217	266.196	267.120	268.044	267.330	266.616	267.309
77.5	264.033	263.498	262.962	262.952	262.941	264.075	265.209	264.390	263.571	264.170
80.0	260.274	259.980	259.686	259.686	259.686	261.030	262.374	261.450	260.526	261.030
82.5	261.009	260.852	260.694	261.093	261.492	261.566	261.639	261.440	261.240	261.408
85.0	261.744	261.723	261.702	262.500	263.298	262.101	260.904	261.429	261.954	261.786
87.5	261.114	260.967	260.820	260.652	260.484	259.949	259.413	259.718	260.022	260.232
90.0	260.484	260.211	259.938	258.804	257.670	257.796	257.922	258.006	258.090	258.678
92.5	255.738	256.085	256.431	256.032	255.633	255.203	254.772	254.646	254.520	255.245
95.0	250.992	251.958	252.924	253.260	253.596	252.609	251.622	251.286	250.950	251.811
97.5	253.449	253.974	254.499	254.394	254.289	253.649	253.008	253.586	254.163	254.121
100.0	255.906	255.990	256.074	255.528	254.982	254.688	254.394	255.885	257.376	256.431
102.5	253.008	252.704	252.399	252.525	252.651	252.189	251.727	252.620	253.512	253.281
105.0	250.110	249.417	248.724	249.522	250.320	249.690	249.060	249.354	249.648	250.131
107.5	251.034	250.215	249.396	250.268	251.139	251.045	250.950	250.961	250.971	251.129
110.0	251.958	251.013	250.068	251.013	251.958	252.399	252.840	252.567	252.294	252.126
112.5	250.614	250.751	250.887	251.276	251.664	251.885	252.105	251.486	250.866	251.297
115.0	249.270	250.488	251.706	251.538	251.370	251.370	251.370	250.404	249.438	250.467
117.5	251.139	252.116	253.092	253.208	253.323	252.651	251.979	252.231	252.483	252.830
120.0	253.008	253.743	254.478	254.877	255.276	253.932	252.588	254.058	255.528	255.192
122.5	250.467	250.383	250.299	250.971	251.643	250.520	249.396	250.268	251.139	250.971
125.0	247.926	247.023	246.120	247.065	248.010	247.107	246.204	246.477	246.750	246.750
127.5	246.015	244.913	243.810	244.430	245.049	244.923	244.797	244.440	244.083	244.724
130.0	244.104	242.802	241.500	241.794	242.088	242.739	243.390	242.403	241.416	242.697
132.5	241.731	241.196	240.660	241.385	242.109	241.889	241.668	241.028	240.387	241.763
135.0	239.358	239.589	239.820	240.975	242.130	241.038	239.946	239.652	239.358	240.828
137.5	240.135	240.272	240.408	240.545	240.681	240.608	240.534	240.335	240.135	240.650
140.0	240.912	240.954	240.996	240.114	239.232	240.177	241.122	241.017	240.912	240.471
142.5	239.274	239.726	240.177	239.694	239.211	239.411	239.610	239.925	240.240	239.610
145.0	237.636	238.497	239.358	239.274	239.190	238.644	238.098	238.833	239.568	238.749
147.5	235.536	235.914	236.292	235.967	235.641	235.190	234.738	234.843	234.948	234.959
150.0	233.436	233.331	233.226	232.659	232.092	231.735	231.378	230.853	230.328	231.168
152.5	231.861	231.588	231.315	231.357	231.399	231.242	231.084	230.822	230.559	230.570
155.0	230.286	229.845	229.404	230.055	230.706	230.748	230.790	230.790	230.790	229.971
157.5	226.695	226.401	226.107	225.971	225.834	226.548	227.262	226.905	226.548	226.286
160.0	223.104	222.957	222.810	221.886	220.962	222.348	223.734	223.020	222.306	222.600
162.5	220.920	221.456	221.991	220.952	219.912	220.721	221.529	221.655	221.781	221.183
165.0	218.736	219.954	221.172	220.017	218.862	219.093	219.324	220.290	221.256	219.765
167.5	219.303	219.492	219.681	219.230	218.778	218.862	218.946	219.671	220.395	219.293
170.0	219.870	219.030	218.190	218.442	218.694	218.631	218.568	219.051	219.534	218.820
172.5	219.975	219.335	218.694	218.684	218.673	218.621	218.568	219.335	220.101	219.083
175.0	220.080	219.639	219.198	218.925	218.652	218.610	218.568	219.618	220.668	219.345
177.5	218.673	219.009	219.345	219.167	218.988	218.789	218.589	219.366	220.143	219.419
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**Vert.  
Angles**

**Horizontal Angles**

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.623	301.413	301.203	301.340	301.476	301.592	301.707	301.455	301.203	301.434
5.0	300.594	300.174	299.754	300.027	300.300	300.531	300.762	300.258	299.754	300.216
7.5	301.140	300.258	299.376	299.450	299.523	299.807	300.090	300.227	300.363	300.027
10.0	301.686	300.342	298.998	298.872	298.746	299.082	299.418	300.195	300.972	299.838

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

12.5	300.090	298.893	297.696	298.242	298.788	298.263	297.738	298.410	299.082	298.904
15.0	298.494	297.444	296.394	297.612	298.830	297.444	296.058	296.625	297.192	297.969
17.5	297.255	296.594	295.932	296.489	297.045	296.678	296.310	296.625	296.940	296.867
20.0	296.016	295.743	295.470	295.365	295.260	295.911	296.562	296.625	296.688	295.764
22.5	296.415	296.289	296.163	295.943	295.722	295.607	295.491	295.838	296.184	296.027
25.0	296.814	296.835	296.856	296.520	296.184	295.302	294.420	295.050	295.680	296.289
27.5	296.436	297.140	297.843	297.434	297.024	296.468	295.911	296.394	296.877	297.266
30.0	296.058	297.444	298.830	298.347	297.864	297.633	297.402	297.738	298.074	298.242
32.5	295.407	295.575	295.743	295.848	295.953	295.323	294.693	295.397	296.100	295.880
35.0	294.756	293.706	292.656	293.349	294.042	293.013	291.984	293.055	294.126	293.517
37.5	294.861	294.704	294.546	294.662	294.777	294.483	294.189	294.525	294.861	294.977
40.0	294.966	295.701	296.436	295.974	295.512	295.953	296.394	295.995	295.596	296.436
42.5	292.593	292.919	293.244	292.698	292.152	292.740	293.328	292.971	292.614	293.202
45.0	290.220	290.136	290.052	289.422	288.792	289.527	290.262	289.947	289.632	289.968
47.5	287.847	287.763	287.679	287.112	286.545	286.682	286.818	287.133	287.448	287.889
50.0	285.474	285.390	285.306	284.802	284.298	283.836	283.374	284.319	285.264	285.810
52.5	281.841	281.757	281.673	281.400	281.127	280.760	280.392	280.833	281.274	282.104
55.0	278.208	278.124	278.040	277.998	277.956	277.683	277.410	277.347	277.284	278.397
57.5	278.712	279.122	279.531	279.006	278.481	278.702	278.922	278.439	277.956	278.534
60.0	279.216	280.119	281.022	280.014	279.006	279.720	280.434	279.531	278.628	278.670
62.5	279.237	279.836	280.434	279.794	279.153	280.214	281.274	280.581	279.888	280.088
65.0	279.258	279.552	279.846	279.573	279.300	280.707	282.114	281.631	281.148	281.505
67.5	274.680	274.796	274.911	275.111	275.310	275.846	276.381	276.318	276.255	276.318
70.0	270.102	270.039	269.976	270.648	271.320	270.984	270.648	271.005	271.362	271.131
72.5	269.052	269.105	269.157	269.357	269.556	268.758	267.960	268.286	268.611	269.084
75.0	268.002	268.170	268.338	268.065	267.792	266.532	265.272	265.566	265.860	267.036
77.5	264.768	264.264	263.760	263.697	263.634	263.309	262.983	263.025	263.067	263.592
80.0	261.534	260.358	259.182	259.329	259.476	260.085	260.694	260.484	260.274	260.148
82.5	261.576	260.978	260.379	260.768	261.156	261.555	261.954	261.387	260.820	261.272
85.0	261.618	261.597	261.576	262.206	262.836	263.025	263.214	262.290	261.366	262.395
87.5	260.442	260.600	260.757	260.579	260.400	260.579	260.757	260.190	259.623	260.054
90.0	259.266	259.602	259.938	258.951	257.964	258.132	258.300	258.090	257.880	257.712
92.5	255.969	256.158	256.347	256.127	255.906	255.245	254.583	254.877	255.171	255.213
95.0	252.672	252.714	252.756	253.302	253.848	252.357	250.866	251.664	252.462	252.714
97.5	254.079	254.342	254.604	254.457	254.310	253.502	252.693	253.313	253.932	253.880
100.0	255.486	255.969	256.452	255.612	254.772	254.646	254.520	254.961	255.402	255.045
102.5	253.050	252.714	252.378	251.906	251.433	251.612	251.790	252.536	253.281	252.903
105.0	250.614	249.459	248.304	248.199	248.094	248.577	249.060	250.110	251.160	250.761
107.5	251.286	250.604	249.921	249.491	249.060	250.005	250.950	251.454	251.958	251.475
110.0	251.958	251.748	251.538	250.782	250.026	251.433	252.840	252.798	252.756	252.189
112.5	251.727	251.454	251.181	250.709	250.236	250.740	251.244	251.811	252.378	251.906
115.0	251.496	251.160	250.824	250.635	250.446	250.047	249.648	250.824	252.000	251.622
117.5	253.176	252.525	251.874	252.420	252.966	252.840	252.714	253.187	253.659	252.893
120.0	254.856	253.890	252.924	254.205	255.486	255.633	255.780	255.549	255.318	254.163
122.5	250.803	250.383	249.963	250.436	250.908	251.013	251.118	251.507	251.895	250.866
125.0	246.750	246.876	247.002	246.666	246.330	246.393	246.456	247.464	248.472	247.569
127.5	245.364	244.986	244.608	244.220	243.831	244.367	244.902	245.448	245.994	245.364
130.0	243.978	243.096	242.214	241.773	241.332	242.340	243.348	243.432	243.516	243.159
132.5	243.138	242.550	241.962	241.658	241.353	241.805	242.256	241.857	241.458	242.004
135.0	242.298	242.004	241.710	241.542	241.374	241.269	241.164	240.282	239.400	240.849
137.5	241.164	241.238	241.311	240.650	239.988	240.093	240.198	240.209	240.219	240.744
140.0	240.030	240.471	240.912	239.757	238.602	238.917	239.232	240.135	241.038	240.639
142.5	238.980	239.652	240.324	239.852	239.379	238.991	238.602	239.012	239.421	239.505
145.0	237.930	238.833	239.736	239.946	240.156	239.064	237.972	237.888	237.804	238.371
147.5	234.969	235.148	235.326	236.040	236.754	235.998	235.242	235.106	234.969	234.801
150.0	232.008	231.462	230.916	232.134	233.352	232.932	232.512	232.323	232.134	231.231

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>152.5</b>	230.580	230.423	230.265	230.717	231.168	231.431	231.693	231.420	231.147	230.790
<b>155.0</b>	229.152	229.383	229.614	229.299	228.984	229.929	230.874	230.517	230.160	230.349
<b>157.5</b>	226.023	225.551	225.078	225.278	225.477	226.401	227.325	227.010	226.695	226.779
<b>160.0</b>	222.894	221.718	220.542	221.256	221.970	222.873	223.776	223.503	223.230	223.209
<b>162.5</b>	220.584	219.975	219.366	220.059	220.752	221.351	221.949	221.855	221.760	221.582
<b>165.0</b>	218.274	218.232	218.190	218.862	219.534	219.828	220.122	220.206	220.290	219.954
<b>167.5</b>	218.190	218.442	218.694	218.589	218.484	218.988	219.492	219.639	219.786	219.083
<b>170.0</b>	218.106	218.652	219.198	218.316	217.434	218.148	218.862	219.072	219.282	218.211
<b>172.5</b>	218.064	218.631	219.198	218.484	217.770	218.558	219.345	219.650	219.954	219.209
<b>175.0</b>	218.022	218.610	219.198	218.652	218.106	218.967	219.828	220.227	220.626	220.206
<b>177.5</b>	218.694	218.946	219.198	218.631	218.064	218.799	219.534	219.713	219.891	219.324
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>150.0</u></b>	<b><u>152.5</u></b>	<b><u>155.0</u></b>	<b><u>157.5</u></b>	<b><u>160.0</u></b>	<b><u>162.5</u></b>	<b><u>165.0</u></b>	<b><u>167.5</u></b>	<b><u>170.0</u></b>	<b><u>172.5</u></b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.665	301.634	301.602	301.676	301.749	301.644	301.539	301.602	301.665	301.581
<b>5.0</b>	300.678	300.615	300.552	300.699	300.846	300.636	300.426	300.552	300.678	300.510
<b>7.5</b>	299.691	300.122	300.552	300.489	300.426	300.500	300.573	300.710	300.846	300.815
<b>10.0</b>	298.704	299.628	300.552	300.279	300.006	300.363	300.720	300.867	301.014	301.119
<b>12.5</b>	298.725	299.135	299.544	299.061	298.578	298.904	299.229	299.355	299.481	299.597
<b>15.0</b>	298.746	298.641	298.536	297.843	297.150	297.444	297.738	297.843	297.948	298.074
<b>17.5</b>	296.793	296.888	296.982	296.825	296.667	296.751	296.835	296.951	297.066	297.224
<b>20.0</b>	294.840	295.134	295.428	295.806	296.184	296.058	295.932	296.058	296.184	296.373
<b>22.5</b>	295.869	295.922	295.974	295.575	295.176	295.113	295.050	295.544	296.037	296.237
<b>25.0</b>	296.898	296.709	296.520	295.344	294.168	294.168	294.168	295.029	295.890	296.100
<b>27.5</b>	297.654	297.003	296.352	296.090	295.827	296.205	296.583	296.972	297.360	297.434
<b>30.0</b>	298.410	297.297	296.184	296.835	297.486	298.242	298.998	298.914	298.830	298.767
<b>32.5</b>	295.659	294.924	294.189	294.431	294.672	295.250	295.827	296.016	296.205	295.964
<b>35.0</b>	292.908	292.551	292.194	292.026	291.858	292.257	292.656	293.118	293.580	293.160
<b>37.5</b>	295.092	294.462	293.832	294.063	294.294	294.011	293.727	294.095	294.462	294.389
<b>40.0</b>	297.276	296.373	295.470	296.100	296.730	295.764	294.798	295.071	295.344	295.617
<b>42.5</b>	293.790	293.150	292.509	292.898	293.286	292.751	292.215	292.499	292.782	292.415
<b>45.0</b>	290.304	289.926	289.548	289.695	289.842	289.737	289.632	289.926	290.220	289.212
<b>47.5</b>	288.330	287.406	286.482	287.123	287.763	287.501	287.238	286.986	286.734	286.944
<b>50.0</b>	286.356	284.886	283.416	284.550	285.684	285.264	284.844	284.046	283.248	284.676
<b>52.5</b>	282.933	281.715	280.497	281.516	282.534	281.684	280.833	280.382	279.930	280.634
<b>55.0</b>	279.510	278.544	277.578	278.481	279.384	278.103	276.822	276.717	276.612	276.591
<b>57.5</b>	279.111	278.471	277.830	278.691	279.552	278.849	278.145	278.124	278.103	278.376
<b>60.0</b>	278.712	278.397	278.082	278.901	279.720	279.594	279.468	279.531	279.594	280.161
<b>62.5</b>	280.287	279.731	279.174	279.710	280.245	280.214	280.182	280.214	280.245	280.550
<b>65.0</b>	281.862	281.064	280.266	280.518	280.770	280.833	280.896	280.896	280.896	280.938
<b>67.5</b>	276.381	275.993	275.604	275.394	275.184	275.142	275.100	275.783	276.465	276.224
<b>70.0</b>	270.900	270.921	270.942	270.270	269.598	269.451	269.304	270.669	272.034	271.509
<b>72.5</b>	269.556	269.031	268.506	268.149	267.792	268.107	268.422	269.115	269.808	269.231
<b>75.0</b>	268.212	267.141	266.070	266.028	265.986	266.763	267.540	267.561	267.582	266.952
<b>77.5</b>	264.117	263.519	262.920	263.288	263.655	263.897	264.138	264.422	264.705	263.823
<b>80.0</b>	260.022	259.896	259.770	260.547	261.324	261.030	260.736	261.282	261.828	260.694
<b>82.5</b>	261.723	260.999	260.274	261.293	262.311	261.807	261.303	261.324	261.345	260.852
<b>85.0</b>	263.424	262.101	260.778	262.038	263.298	262.584	261.870	261.366	260.862	261.009
<b>87.5</b>	260.484	260.337	260.190	260.526	260.862	260.768	260.673	260.274	259.875	260.348
<b>90.0</b>	257.544	258.573	259.602	259.014	258.426	258.951	259.476	259.182	258.888	259.686
<b>92.5</b>	255.255	255.759	256.263	255.738	255.213	255.402	255.591	255.549	255.507	255.948
<b>95.0</b>	252.966	252.945	252.924	252.462	252.000	251.853	251.706	251.916	252.126	252.210
<b>97.5</b>	253.827	254.373	254.919	254.772	254.625	254.111	253.596	254.195	254.793	254.237

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**CANDELA TABULATION - (Cont.)**

100.0	254.688	255.801	256.914	257.082	257.250	256.368	255.486	256.473	257.460	256.263
102.5	252.525	252.987	253.449	253.092	252.735	252.977	253.218	253.029	252.840	252.977
105.0	250.362	250.173	249.984	249.102	248.220	249.585	250.950	249.585	248.220	249.690
107.5	250.992	250.572	250.152	250.352	250.551	251.276	252.000	251.286	250.572	250.604
110.0	251.622	250.971	250.320	251.601	252.882	252.966	253.050	252.987	252.924	251.517
112.5	251.433	250.814	250.194	251.129	252.063	252.095	252.126	251.601	251.076	250.635
115.0	251.244	250.656	250.068	250.656	251.244	251.223	251.202	250.215	249.228	249.753
117.5	252.126	252.105	252.084	252.557	253.029	252.546	252.063	251.591	251.118	251.853
120.0	253.008	253.554	254.100	254.457	254.814	253.869	252.924	252.966	253.008	253.953
122.5	249.837	250.394	250.950	251.013	251.076	250.478	249.879	249.753	249.627	250.782
125.0	246.666	247.233	247.800	247.569	247.338	247.086	246.834	246.540	246.246	247.611
127.5	244.734	244.640	244.545	244.913	245.280	245.102	244.923	244.398	243.873	244.703
130.0	242.802	242.046	241.290	242.256	243.222	243.117	243.012	242.256	241.500	241.794
132.5	242.550	241.847	241.143	241.301	241.458	241.595	241.731	241.248	240.765	240.933
135.0	242.298	241.647	240.996	240.345	239.694	240.072	240.450	240.240	240.030	240.072
137.5	241.269	240.692	240.114	240.083	240.051	239.894	239.736	239.988	240.240	240.366
140.0	240.240	239.736	239.232	239.820	240.408	239.715	239.022	239.736	240.450	240.660
142.5	239.589	239.222	238.854	238.844	238.833	238.896	238.959	239.169	239.379	239.558
145.0	238.938	238.707	238.476	237.867	237.258	238.077	238.896	238.602	238.308	238.455
147.5	234.633	235.053	235.473	235.043	234.612	234.675	234.738	234.507	234.276	235.064
150.0	230.328	231.399	232.470	232.218	231.966	231.273	230.580	230.412	230.244	231.672
152.5	230.433	230.538	230.643	231.158	231.672	230.927	230.181	230.339	230.496	231.137
155.0	230.538	229.677	228.816	230.097	231.378	230.580	229.782	230.265	230.748	230.601
157.5	226.863	226.580	226.296	226.590	226.884	226.317	225.750	225.918	226.086	225.897
160.0	223.188	223.482	223.776	223.083	222.390	222.054	221.718	221.571	221.424	221.193
162.5	221.403	221.592	221.781	221.739	221.697	221.214	220.731	220.343	219.954	220.511
165.0	219.618	219.702	219.786	220.395	221.004	220.374	219.744	219.114	218.484	219.828
167.5	218.379	218.369	218.358	219.282	220.206	219.587	218.967	218.631	218.295	218.841
170.0	217.140	217.035	216.930	218.169	219.408	218.799	218.190	218.148	218.106	217.854
172.5	218.463	218.232	218.001	218.610	219.219	218.852	218.484	218.421	218.358	218.180
175.0	219.786	219.429	219.072	219.051	219.030	218.904	218.778	218.694	218.610	218.505
177.5	218.757	219.125	219.492	218.873	218.253	218.169	218.085	218.495	218.904	219.146
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**Vert.  
Angles**

**Horizontal Angles**

	<b>175.0</b>	<b>177.5</b>	<b>180.0</b>	<b>182.5</b>	<b>185.0</b>	<b>187.5</b>	<b>190.0</b>	<b>192.5</b>	<b>195.0</b>	<b>197.5</b>
0.0	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.497	301.539	301.581	301.539	301.497	301.581	301.665	301.602	301.539	301.644
5.0	300.342	300.426	300.510	300.426	300.342	300.510	300.678	300.552	300.426	300.636
7.5	300.783	300.479	300.174	300.479	300.783	300.815	300.846	300.710	300.573	300.500
10.0	301.224	300.531	299.838	300.531	301.224	301.119	301.014	300.867	300.720	300.363
12.5	299.712	299.544	299.376	299.544	299.712	299.597	299.481	299.355	299.229	298.904
15.0	298.200	298.557	298.914	298.557	298.200	298.074	297.948	297.843	297.738	297.444
17.5	297.381	297.675	297.969	297.675	297.381	297.224	297.066	296.951	296.835	296.751
20.0	296.562	296.793	297.024	296.793	296.562	296.373	296.184	296.058	295.932	296.058
22.5	296.436	296.552	296.667	296.552	296.436	296.237	296.037	295.544	295.050	295.113
25.0	296.310	296.310	296.310	296.310	296.310	296.100	295.890	295.029	294.168	294.168
27.5	297.507	296.982	296.457	296.982	297.507	297.434	297.360	296.972	296.583	296.205
30.0	298.704	297.654	296.604	297.654	298.704	298.767	298.830	298.914	298.998	298.242
32.5	295.722	294.987	294.252	294.987	295.722	295.964	296.205	296.016	295.827	295.250
35.0	292.740	292.320	291.900	292.320	292.740	293.160	293.580	293.118	292.656	292.257
37.5	294.315	294.126	293.937	294.126	294.315	294.389	294.462	294.095	293.727	294.011
40.0	295.890	295.932	295.974	295.932	295.890	295.617	295.344	295.071	294.798	295.764
42.5	292.047	292.793	293.538	292.793	292.047	292.415	292.782	292.499	292.215	292.751
45.0	288.204	289.653	291.102	289.653	288.204	289.212	290.220	289.926	289.632	289.737

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

47.5	287.154	287.795	288.435	287.795	287.154	286.944	286.734	286.986	287.238	287.501
50.0	286.104	285.936	285.768	285.936	286.104	284.676	283.248	284.046	284.844	285.264
52.5	281.337	281.999	282.660	281.999	281.337	280.634	279.930	280.382	280.833	281.684
55.0	276.570	278.061	279.552	278.061	276.570	276.591	276.612	276.717	276.822	278.103
57.5	278.649	279.090	279.531	279.090	278.649	278.376	278.103	278.124	278.145	278.849
60.0	280.728	280.119	279.510	280.119	280.728	280.161	279.594	279.531	279.468	279.594
62.5	280.854	280.350	279.846	280.350	280.854	280.550	280.245	280.214	280.182	280.214
65.0	280.980	280.581	280.182	280.581	280.980	280.938	280.896	280.896	280.896	280.833
67.5	275.982	275.352	274.722	275.352	275.982	276.224	276.465	275.783	275.100	275.142
70.0	270.984	270.123	269.262	270.123	270.984	271.509	272.034	270.669	269.304	269.451
72.5	268.653	268.485	268.317	268.485	268.653	269.231	269.808	269.115	268.422	268.107
75.0	266.322	266.847	267.372	266.847	266.322	266.952	267.582	267.561	267.540	266.763
77.5	262.941	263.351	263.760	263.351	262.941	263.823	264.705	264.422	264.138	263.897
80.0	259.560	259.854	260.148	259.854	259.560	260.694	261.828	261.282	260.736	261.030
82.5	260.358	260.726	261.093	260.726	260.358	260.852	261.345	261.324	261.303	261.807
85.0	261.156	261.597	262.038	261.597	261.156	261.009	260.862	261.366	261.870	262.584
87.5	260.820	260.558	260.295	260.558	260.820	260.348	259.875	260.274	260.673	260.768
90.0	260.484	259.518	258.552	259.518	260.484	259.686	258.888	259.182	259.476	258.951
92.5	256.389	256.127	255.864	256.127	256.389	255.948	255.507	255.549	255.591	255.402
95.0	252.294	252.735	253.176	252.735	252.294	252.210	252.126	251.916	251.706	251.853
97.5	253.680	254.310	254.940	254.310	253.680	254.237	254.793	254.195	253.596	254.111
100.0	255.066	255.885	256.704	255.885	255.066	256.263	257.460	256.473	255.486	256.368
102.5	253.113	253.428	253.743	253.428	253.113	252.977	252.840	253.029	253.218	252.977
105.0	251.160	250.971	250.782	250.971	251.160	249.690	248.220	249.585	250.950	249.585
107.5	250.635	250.730	250.824	250.730	250.635	250.604	250.572	251.286	252.000	251.276
110.0	250.110	250.488	250.866	250.488	250.110	251.517	252.924	252.987	253.050	252.966
112.5	250.194	250.698	251.202	250.698	250.194	250.635	251.076	251.601	252.126	252.095
115.0	250.278	250.908	251.538	250.908	250.278	249.753	249.228	250.215	251.202	251.223
117.5	252.588	253.061	253.533	253.061	252.588	251.853	251.118	251.591	252.063	252.546
120.0	254.898	255.213	255.528	255.213	254.898	253.953	253.008	252.966	252.924	253.869
122.5	251.937	251.717	251.496	251.717	251.937	250.782	249.627	249.753	249.879	250.478
125.0	248.976	248.220	247.464	248.220	248.976	247.611	246.246	246.540	246.834	247.086
127.5	245.532	244.976	244.419	244.976	245.532	244.703	243.873	244.398	244.923	245.102
130.0	242.088	241.731	241.374	241.731	242.088	241.794	241.500	242.256	243.012	243.117
132.5	241.101	240.776	240.450	240.776	241.101	240.933	240.765	241.248	241.731	241.595
135.0	240.114	239.820	239.526	239.820	240.114	240.072	240.030	240.240	240.450	240.072
137.5	240.492	239.736	238.980	239.736	240.492	240.366	240.240	239.988	239.736	239.894
140.0	240.870	239.652	238.434	239.652	240.870	240.660	240.450	239.736	239.022	239.715
142.5	239.736	239.022	238.308	239.022	239.736	239.558	239.379	239.169	238.959	238.896
145.0	238.602	238.392	238.182	238.392	238.602	238.455	238.308	238.602	238.896	238.077
147.5	235.851	235.599	235.347	235.599	235.851	235.064	234.276	234.507	234.738	234.675
150.0	233.100	232.806	232.512	232.806	233.100	231.672	230.244	230.412	230.580	231.273
152.5	231.777	231.620	231.462	231.620	231.777	231.137	230.496	230.339	230.181	230.927
155.0	230.454	230.433	230.412	230.433	230.454	230.601	230.748	230.265	229.782	230.580
157.5	225.708	225.866	226.023	225.866	225.708	225.897	226.086	225.918	225.750	226.317
160.0	220.962	221.298	221.634	221.298	220.962	221.193	221.424	221.571	221.718	222.054
162.5	221.067	220.721	220.374	220.721	221.067	220.511	219.954	220.343	220.731	221.214
165.0	221.172	220.143	219.114	220.143	221.172	219.828	218.484	219.114	219.744	220.374
167.5	219.387	219.125	218.862	219.125	219.387	218.841	218.295	218.631	218.967	219.587
170.0	217.602	218.106	218.610	218.106	217.602	217.854	218.106	218.148	218.190	218.799
172.5	218.001	218.778	219.555	218.778	218.001	218.180	218.358	218.421	218.484	218.852
175.0	218.400	219.450	220.500	219.450	218.400	218.505	218.610	218.694	218.778	218.904
177.5	219.387	219.776	220.164	219.776	219.387	219.146	218.904	218.495	218.085	218.169
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200.0</b>	<b>202.5</b>	<b>205.0</b>	<b>207.5</b>	<b>210.0</b>	<b>212.5</b>	<b>215.0</b>	<b>217.5</b>	<b>220.0</b>	<b>222.5</b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.749	301.676	301.602	301.634	301.665	301.434	301.203	301.455	301.707	301.592
<b>5.0</b>	300.846	300.699	300.552	300.615	300.678	300.216	299.754	300.258	300.762	300.531
<b>7.5</b>	300.426	300.489	300.552	300.122	299.691	300.027	300.363	300.227	300.090	299.807
<b>10.0</b>	300.006	300.279	300.552	299.628	298.704	299.838	300.972	300.195	299.418	299.082
<b>12.5</b>	298.578	299.061	299.544	299.135	298.725	298.904	299.082	298.410	297.738	298.263
<b>15.0</b>	297.150	297.843	298.536	298.641	298.746	297.969	297.192	296.625	296.058	297.444
<b>17.5</b>	296.667	296.825	296.982	296.888	296.793	296.867	296.940	296.625	296.310	296.678
<b>20.0</b>	296.184	295.806	295.428	295.134	294.840	295.764	296.688	296.625	296.562	295.911
<b>22.5</b>	295.176	295.575	295.974	295.922	295.869	296.027	296.184	295.838	295.491	295.607
<b>25.0</b>	294.168	295.344	296.520	296.709	296.898	296.289	295.680	295.050	294.420	295.302
<b>27.5</b>	295.827	296.090	296.352	297.003	297.654	297.266	296.877	296.394	295.911	296.468
<b>30.0</b>	297.486	296.835	296.184	297.297	298.410	298.242	298.074	297.738	297.402	297.633
<b>32.5</b>	294.672	294.431	294.189	294.924	295.659	295.880	296.100	295.397	294.693	295.323
<b>35.0</b>	291.858	292.026	292.194	292.551	292.908	293.517	294.126	293.055	291.984	293.013
<b>37.5</b>	294.294	294.063	293.832	294.462	295.092	294.977	294.861	294.525	294.189	294.483
<b>40.0</b>	296.730	296.100	295.470	296.373	297.276	296.436	295.596	295.995	296.394	295.953
<b>42.5</b>	293.286	292.898	292.509	293.150	293.790	293.202	292.614	292.971	293.328	292.740
<b>45.0</b>	289.842	289.695	289.548	289.926	290.304	289.968	289.632	289.947	290.262	289.527
<b>47.5</b>	287.763	287.123	286.482	287.406	288.330	287.889	287.448	287.133	286.818	286.682
<b>50.0</b>	285.684	284.550	283.416	284.886	286.356	285.810	285.264	284.319	283.374	283.836
<b>52.5</b>	282.534	281.516	280.497	281.715	282.933	282.104	281.274	280.833	280.392	280.760
<b>55.0</b>	279.384	278.481	277.578	278.544	279.510	278.397	277.284	277.347	277.410	277.683
<b>57.5</b>	279.552	278.691	277.830	278.471	279.111	278.534	277.956	278.439	278.922	278.702
<b>60.0</b>	279.720	278.901	278.082	278.397	278.712	278.670	278.628	279.531	280.434	279.720
<b>62.5</b>	280.245	279.710	279.174	279.731	280.287	280.088	279.888	280.581	281.274	280.214
<b>65.0</b>	280.770	280.518	280.266	281.064	281.862	281.505	281.148	281.631	282.114	280.707
<b>67.5</b>	275.184	275.394	275.604	275.993	276.381	276.318	276.255	276.318	276.381	275.846
<b>70.0</b>	269.598	270.270	270.942	270.921	270.900	271.131	271.362	271.005	270.648	270.984
<b>72.5</b>	267.792	268.149	268.506	269.031	269.556	269.084	268.611	268.286	267.960	268.758
<b>75.0</b>	265.986	266.028	266.070	267.141	268.212	267.036	265.860	265.566	265.272	266.532
<b>77.5</b>	263.655	263.288	262.920	263.519	264.117	263.592	263.067	263.025	262.983	263.309
<b>80.0</b>	261.324	260.547	259.770	259.896	260.022	260.148	260.274	260.484	260.694	260.085
<b>82.5</b>	262.311	261.293	260.274	260.999	261.723	261.272	260.820	261.387	261.954	261.555
<b>85.0</b>	263.298	262.038	260.778	262.101	263.424	262.395	261.366	262.290	263.214	263.025
<b>87.5</b>	260.862	260.526	260.190	260.337	260.484	260.054	259.623	260.190	260.757	260.579
<b>90.0</b>	258.426	259.014	259.602	258.573	257.544	257.712	257.880	258.090	258.300	258.132
<b>92.5</b>	255.213	255.738	256.263	255.759	255.255	255.213	255.171	254.877	254.583	255.245
<b>95.0</b>	252.000	252.462	252.924	252.945	252.966	252.714	252.462	251.664	250.866	252.357
<b>97.5</b>	254.625	254.772	254.919	254.373	253.827	253.880	253.932	253.313	252.693	253.502
<b>100.0</b>	257.250	257.082	256.914	255.801	254.688	255.045	255.402	254.961	254.520	254.646
<b>102.5</b>	252.735	253.092	253.449	252.987	252.525	252.903	253.281	252.536	251.790	251.612
<b>105.0</b>	248.220	249.102	249.984	250.173	250.362	250.761	251.160	250.110	249.060	248.577
<b>107.5</b>	250.551	250.352	250.152	250.572	250.992	251.475	251.958	251.454	250.950	250.005
<b>110.0</b>	252.882	251.601	250.320	250.971	251.622	252.189	252.756	252.798	252.840	251.433
<b>112.5</b>	252.063	251.129	250.194	250.814	251.433	251.906	252.378	251.811	251.244	250.740
<b>115.0</b>	251.244	250.656	250.068	250.656	251.244	251.622	252.000	250.824	249.648	250.047
<b>117.5</b>	253.029	252.557	252.084	252.105	252.126	252.893	253.659	253.187	252.714	252.840
<b>120.0</b>	254.814	254.457	254.100	253.554	253.008	254.163	255.318	255.549	255.780	255.633
<b>122.5</b>	251.076	251.013	250.950	250.394	249.837	250.866	251.895	251.507	251.118	251.013
<b>125.0</b>	247.338	247.569	247.800	247.233	246.666	247.569	248.472	247.464	246.456	246.393
<b>127.5</b>	245.280	244.913	244.545	244.640	244.734	245.364	245.994	245.448	244.902	244.367
<b>130.0</b>	243.222	242.256	241.290	242.046	242.802	243.159	243.516	243.432	243.348	242.340

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>132.5</b>	241.458	241.301	241.143	241.847	242.550	242.004	241.458	241.857	242.256	241.805
<b>135.0</b>	239.694	240.345	240.996	241.647	242.298	240.849	239.400	240.282	241.164	241.269
<b>137.5</b>	240.051	240.083	240.114	240.692	241.269	240.744	240.219	240.209	240.198	240.093
<b>140.0</b>	240.408	239.820	239.232	239.736	240.240	240.639	241.038	240.135	239.232	238.917
<b>142.5</b>	238.833	238.844	238.854	239.222	239.589	239.505	239.421	239.012	238.602	238.991
<b>145.0</b>	237.258	237.867	238.476	238.707	238.938	238.371	237.804	237.888	237.972	239.064
<b>147.5</b>	234.612	235.043	235.473	235.053	234.633	234.801	234.969	235.106	235.242	235.998
<b>150.0</b>	231.966	232.218	232.470	231.399	230.328	231.231	232.134	232.323	232.512	232.932
<b>152.5</b>	231.672	231.158	230.643	230.538	230.433	230.790	231.147	231.420	231.693	231.431
<b>155.0</b>	231.378	230.097	228.816	229.677	230.538	230.349	230.160	230.517	230.874	229.929
<b>157.5</b>	226.884	226.590	226.296	226.580	226.863	226.779	226.695	227.010	227.325	226.401
<b>160.0</b>	222.390	223.083	223.776	223.482	223.188	223.209	223.230	223.503	223.776	222.873
<b>162.5</b>	221.697	221.739	221.781	221.592	221.403	221.582	221.760	221.855	221.949	221.351
<b>165.0</b>	221.004	220.395	219.786	219.702	219.618	219.954	220.290	220.206	220.122	219.828
<b>167.5</b>	220.206	219.282	218.358	218.369	218.379	219.083	219.786	219.639	219.492	218.988
<b>170.0</b>	219.408	218.169	216.930	217.035	217.140	218.211	219.282	219.072	218.862	218.148
<b>172.5</b>	219.219	218.610	218.001	218.232	218.463	219.209	219.954	219.650	219.345	218.558
<b>175.0</b>	219.030	219.051	219.072	219.429	219.786	220.206	220.626	220.227	219.828	218.967
<b>177.5</b>	218.253	218.873	219.492	219.125	218.757	219.324	219.891	219.713	219.534	218.799
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**Vert.  
Angles**

**Horizontal Angles**

	<u><b>225.0</b></u>	<u><b>227.5</b></u>	<u><b>230.0</b></u>	<u><b>232.5</b></u>	<u><b>235.0</b></u>	<u><b>237.5</b></u>	<u><b>240.0</b></u>	<u><b>242.5</b></u>	<u><b>245.0</b></u>	<u><b>247.5</b></u>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.476	301.340	301.203	301.413	301.623	301.718	301.812	301.581	301.350	301.329
<b>5.0</b>	300.300	300.027	299.754	300.174	300.594	300.783	300.972	300.510	300.048	300.006
<b>7.5</b>	299.523	299.450	299.376	300.258	301.140	301.193	301.245	300.332	299.418	299.450
<b>10.0</b>	298.746	298.872	298.998	300.342	301.686	301.602	301.518	300.153	298.788	298.893
<b>12.5</b>	298.788	298.242	297.696	298.893	300.090	299.775	299.460	298.662	297.864	298.347
<b>15.0</b>	298.830	297.612	296.394	297.444	298.494	297.948	297.402	297.171	296.940	297.801
<b>17.5</b>	297.045	296.489	295.932	296.594	297.255	296.877	296.499	296.342	296.184	296.856
<b>20.0</b>	295.260	295.365	295.470	295.743	296.016	295.806	295.596	295.512	295.428	295.911
<b>22.5</b>	295.722	295.943	296.163	296.289	296.415	295.712	295.008	295.323	295.638	295.691
<b>25.0</b>	296.184	296.520	296.856	296.835	296.814	295.617	294.420	295.134	295.848	295.470
<b>27.5</b>	297.024	297.434	297.843	297.140	296.436	295.995	295.554	295.890	296.226	296.447
<b>30.0</b>	297.864	298.347	298.830	297.444	296.058	296.373	296.688	296.646	296.604	297.423
<b>32.5</b>	295.953	295.848	295.743	295.575	295.407	294.924	294.441	294.441	294.441	294.882
<b>35.0</b>	294.042	293.349	292.656	293.706	294.756	293.475	292.194	292.236	292.278	292.341
<b>37.5</b>	294.777	294.662	294.546	294.704	294.861	294.053	293.244	293.528	293.811	293.853
<b>40.0</b>	295.512	295.974	296.436	295.701	294.966	294.630	294.294	294.819	295.344	295.365
<b>42.5</b>	292.152	292.698	293.244	292.919	292.593	291.911	291.228	292.121	293.013	292.467
<b>45.0</b>	288.792	289.422	290.052	290.136	290.220	289.191	288.162	289.422	290.682	289.569
<b>47.5</b>	286.545	287.112	287.679	287.763	287.847	287.165	286.482	287.385	288.288	287.091
<b>50.0</b>	284.298	284.802	285.306	285.390	285.474	285.138	284.802	285.348	285.894	284.613
<b>52.5</b>	281.127	281.400	281.673	281.757	281.841	281.369	280.896	281.306	281.715	281.642
<b>55.0</b>	277.956	277.998	278.040	278.124	278.208	277.599	276.990	277.263	277.536	278.670
<b>57.5</b>	278.481	279.006	279.531	279.122	278.712	278.859	279.006	278.618	278.229	279.048
<b>60.0</b>	279.006	280.014	281.022	280.119	279.216	280.119	281.022	279.972	278.922	279.426
<b>62.5</b>	279.153	279.794	280.434	279.836	279.237	279.752	280.266	280.403	280.539	280.823
<b>65.0</b>	279.300	279.573	279.846	279.552	279.258	279.384	279.510	280.833	282.156	282.219
<b>67.5</b>	275.310	275.111	274.911	274.796	274.680	275.195	275.709	276.035	276.360	276.486
<b>70.0</b>	271.320	270.648	269.976	270.039	270.102	271.005	271.908	271.236	270.564	270.753
<b>72.5</b>	269.556	269.357	269.157	269.105	269.052	269.157	269.262	269.283	269.304	268.937
<b>75.0</b>	267.792	268.065	268.338	268.170	268.002	267.309	266.616	267.330	268.044	267.120
<b>77.5</b>	263.634	263.697	263.760	264.264	264.768	264.170	263.571	264.390	265.209	264.075

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	259.476	259.329	259.182	260.358	261.534	261.030	260.526	261.450	262.374	261.030
<b>82.5</b>	261.156	260.768	260.379	260.978	261.576	261.408	261.240	261.440	261.639	261.566
<b>85.0</b>	262.836	262.206	261.576	261.597	261.618	261.786	261.954	261.429	260.904	262.101
<b>87.5</b>	260.400	260.579	260.757	260.600	260.442	260.232	260.022	259.718	259.413	259.949
<b>90.0</b>	257.964	258.951	259.938	259.602	259.266	258.678	258.090	258.006	257.922	257.796
<b>92.5</b>	255.906	256.127	256.347	256.158	255.969	255.245	254.520	254.646	254.772	255.203
<b>95.0</b>	253.848	253.302	252.756	252.714	252.672	251.811	250.950	251.286	251.622	252.609
<b>97.5</b>	254.310	254.457	254.604	254.342	254.079	254.121	254.163	253.586	253.008	253.649
<b>100.0</b>	254.772	255.612	256.452	255.969	255.486	256.431	257.376	255.885	254.394	254.688
<b>102.5</b>	251.433	251.906	252.378	252.714	253.050	253.281	253.512	252.620	251.727	252.189
<b>105.0</b>	248.094	248.199	248.304	249.459	250.614	250.131	249.648	249.354	249.060	249.690
<b>107.5</b>	249.060	249.491	249.921	250.604	251.286	251.129	250.971	250.961	250.950	251.045
<b>110.0</b>	250.026	250.782	251.538	251.748	251.958	252.126	252.294	252.567	252.840	252.399
<b>112.5</b>	250.236	250.709	251.181	251.454	251.727	251.297	250.866	251.486	252.105	251.885
<b>115.0</b>	250.446	250.635	250.824	251.160	251.496	250.467	249.438	250.404	251.370	251.370
<b>117.5</b>	252.966	252.420	251.874	252.525	253.176	252.830	252.483	252.231	251.979	252.651
<b>120.0</b>	255.486	254.205	252.924	253.890	254.856	255.192	255.528	254.058	252.588	253.932
<b>122.5</b>	250.908	250.436	249.963	250.383	250.803	250.971	251.139	250.268	249.396	250.520
<b>125.0</b>	246.330	246.666	247.002	246.876	246.750	246.750	246.750	246.477	246.204	247.107
<b>127.5</b>	243.831	244.220	244.608	244.986	245.364	244.724	244.083	244.440	244.797	244.923
<b>130.0</b>	241.332	241.773	242.214	243.096	243.978	242.697	241.416	242.403	243.390	242.739
<b>132.5</b>	241.353	241.658	241.962	242.550	243.138	241.763	240.387	241.028	241.668	241.889
<b>135.0</b>	241.374	241.542	241.710	242.004	242.298	240.828	239.358	239.652	239.946	241.038
<b>137.5</b>	239.988	240.650	241.311	241.238	241.164	240.650	240.135	240.335	240.534	240.608
<b>140.0</b>	238.602	239.757	240.912	240.471	240.030	240.471	240.912	241.017	241.122	240.177
<b>142.5</b>	239.379	239.852	240.324	239.652	238.980	239.610	240.240	239.925	239.610	239.411
<b>145.0</b>	240.156	239.946	239.736	238.833	237.930	238.749	239.568	238.833	238.098	238.644
<b>147.5</b>	236.754	236.040	235.326	235.148	234.969	234.959	234.948	234.843	234.738	235.190
<b>150.0</b>	233.352	232.134	230.916	231.462	232.008	231.168	230.328	230.853	231.378	231.735
<b>152.5</b>	231.168	230.717	230.265	230.423	230.580	230.570	230.559	230.822	231.084	231.242
<b>155.0</b>	228.984	229.299	229.614	229.383	229.152	229.971	230.790	230.790	230.790	230.748
<b>157.5</b>	225.477	225.278	225.078	225.551	226.023	226.286	226.548	226.905	227.262	226.548
<b>160.0</b>	221.970	221.256	220.542	221.718	222.894	222.600	222.306	223.020	223.734	222.348
<b>162.5</b>	220.752	220.059	219.366	219.975	220.584	221.183	221.781	221.655	221.529	220.721
<b>165.0</b>	219.534	218.862	218.190	218.232	218.274	219.765	221.256	220.290	219.324	219.093
<b>167.5</b>	218.484	218.589	218.694	218.442	218.190	219.293	220.395	219.671	218.946	218.862
<b>170.0</b>	217.434	218.316	219.198	218.652	218.106	218.820	219.534	219.051	218.568	218.631
<b>172.5</b>	217.770	218.484	219.198	218.631	218.064	219.083	220.101	219.335	218.568	218.621
<b>175.0</b>	218.106	218.652	219.198	218.610	218.022	219.345	220.668	219.618	218.568	218.610
<b>177.5</b>	218.064	218.631	219.198	218.946	218.694	219.419	220.143	219.366	218.589	218.789
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**Vert. Horizontal Angles**  
**Angles**

	<b>250.0</b>	<b>252.5</b>	<b>255.0</b>	<b>257.5</b>	<b>260.0</b>	<b>262.5</b>	<b>265.0</b>	<b>267.5</b>	<b>270.0</b>	<b>272.5</b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.308	301.308	301.308	301.529	301.749	301.728	301.707	301.497	301.287	301.497
<b>5.0</b>	299.964	299.964	299.964	300.405	300.846	300.804	300.762	300.342	299.922	300.342
<b>7.5</b>	299.481	299.922	300.363	300.794	301.224	301.035	300.846	300.405	299.964	300.405
<b>10.0</b>	298.998	299.880	300.762	301.182	301.602	301.266	300.930	300.468	300.006	300.468
<b>12.5</b>	298.830	299.271	299.712	299.439	299.166	299.040	298.914	299.030	299.145	299.030
<b>15.0</b>	298.662	298.662	298.662	297.696	296.730	296.814	296.898	297.591	298.284	297.591
<b>17.5</b>	297.528	297.024	296.520	296.510	296.499	296.489	296.478	296.825	297.171	296.825
<b>20.0</b>	296.394	295.386	294.378	295.323	296.268	296.163	296.058	296.058	296.058	296.058
<b>22.5</b>	295.743	295.050	294.357	295.271	296.184	296.048	295.911	296.258	296.604	296.258
<b>25.0</b>	295.092	294.714	294.336	295.218	296.100	295.932	295.764	296.457	297.150	296.457



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**CANDELA TABULATION - (Cont.)**

27.5	296.667	295.922	295.176	295.911	296.646	296.405	296.163	296.636	297.108	296.636
30.0	298.242	297.129	296.016	296.604	297.192	296.877	296.562	296.814	297.066	296.814
32.5	295.323	295.040	294.756	294.945	295.134	294.725	294.315	294.546	294.777	294.546
35.0	292.404	292.950	293.496	293.286	293.076	292.572	292.068	292.278	292.488	292.278
37.5	293.895	294.263	294.630	294.756	294.882	294.599	294.315	294.263	294.210	294.263
40.0	295.386	295.575	295.764	296.226	296.688	296.625	296.562	296.247	295.932	296.247
42.5	291.921	292.089	292.257	292.604	292.950	293.360	293.769	293.286	292.803	293.286
45.0	288.456	288.603	288.750	288.981	289.212	290.094	290.976	290.325	289.674	290.325
47.5	285.894	286.272	286.650	286.776	286.902	287.606	288.309	287.879	287.448	287.879
50.0	283.332	283.941	284.550	284.571	284.592	285.117	285.642	285.432	285.222	285.432
52.5	281.568	281.222	280.875	280.770	280.665	280.938	281.211	281.778	282.345	281.778
55.0	279.804	278.502	277.200	276.969	276.738	276.759	276.780	278.124	279.468	278.124
57.5	279.867	279.216	278.565	278.597	278.628	278.303	277.977	278.996	280.014	278.996
60.0	279.930	279.930	279.930	280.224	280.518	279.846	279.174	279.867	280.560	279.867
62.5	281.106	280.371	279.636	279.699	279.762	279.668	279.573	280.025	280.476	280.025
65.0	282.282	280.812	279.342	279.174	279.006	279.489	279.972	280.182	280.392	280.182
67.5	276.612	275.625	274.638	274.302	273.966	274.670	275.373	275.027	274.680	275.027
70.0	270.942	270.438	269.934	269.430	268.926	269.850	270.774	269.871	268.968	269.871
72.5	268.569	268.328	268.086	268.223	268.359	268.517	268.674	267.939	267.204	267.939
75.0	266.196	266.217	266.238	267.015	267.792	267.183	266.574	266.007	265.440	266.007
77.5	262.941	262.952	262.962	263.498	264.033	263.939	263.844	263.760	263.676	263.760
80.0	259.686	259.686	259.686	259.980	260.274	260.694	261.114	261.513	261.912	261.513
82.5	261.492	261.093	260.694	260.852	261.009	261.146	261.282	261.923	262.563	261.923
85.0	263.298	262.500	261.702	261.723	261.744	261.597	261.450	262.332	263.214	262.332
87.5	260.484	260.652	260.820	260.967	261.114	260.579	260.043	260.516	260.988	260.516
90.0	257.670	258.804	259.938	260.211	260.484	259.560	258.636	258.699	258.762	258.699
92.5	255.633	256.032	256.431	256.085	255.738	255.455	255.171	255.738	256.305	255.738
95.0	253.596	253.260	252.924	251.958	250.992	251.349	251.706	252.777	253.848	252.777
97.5	254.289	254.394	254.499	253.974	253.449	253.250	253.050	254.058	255.066	254.058
100.0	254.982	255.528	256.074	255.990	255.906	255.150	254.394	255.339	256.284	255.339
102.5	252.651	252.525	252.399	252.704	253.008	252.683	252.357	252.357	252.357	252.357
105.0	250.320	249.522	248.724	249.417	250.110	250.215	250.320	249.375	248.430	249.375
107.5	251.139	250.268	249.396	250.215	251.034	250.992	250.950	250.688	250.425	250.688
110.0	251.958	251.013	250.068	251.013	251.958	251.769	251.580	252.000	252.420	252.000
112.5	251.664	251.276	250.887	250.751	250.614	250.856	251.097	251.307	251.517	251.307
115.0	251.370	251.538	251.706	250.488	249.270	249.942	250.614	250.614	250.614	250.614
117.5	253.323	253.208	253.092	252.116	251.139	252.084	253.029	252.861	252.693	252.861
120.0	255.276	254.877	254.478	253.743	253.008	254.226	255.444	255.108	254.772	255.108
122.5	251.643	250.971	250.299	250.383	250.467	250.971	251.475	251.370	251.265	251.370
125.0	248.010	247.065	246.120	247.023	247.926	247.716	247.506	247.632	247.758	247.632
127.5	245.049	244.430	243.810	244.913	246.015	245.417	244.818	245.028	245.238	245.028
130.0	242.088	241.794	241.500	242.802	244.104	243.117	242.130	242.424	242.718	242.424
132.5	242.109	241.385	240.660	241.196	241.731	241.836	241.941	242.046	242.151	242.046
135.0	242.130	240.975	239.820	239.589	239.358	240.555	241.752	241.668	241.584	241.668
137.5	240.681	240.545	240.408	240.272	240.135	240.188	240.240	240.251	240.261	240.251
140.0	239.232	240.114	240.996	240.954	240.912	239.820	238.728	238.833	238.938	238.833
142.5	239.211	239.694	240.177	239.726	239.274	239.369	239.463	238.991	238.518	238.991
145.0	239.190	239.274	239.358	238.497	237.636	238.917	240.198	239.148	238.098	239.148
147.5	235.641	235.967	236.292	235.914	235.536	235.746	235.956	235.694	235.431	235.694
150.0	232.092	232.659	233.226	233.331	233.436	232.575	231.714	232.239	232.764	232.239
152.5	231.399	231.357	231.315	231.588	231.861	231.746	231.630	231.840	232.050	231.840
155.0	230.706	230.055	229.404	229.845	230.286	230.916	231.546	231.441	231.336	231.441
157.5	225.834	225.971	226.107	226.401	226.695	226.485	226.275	226.338	226.401	226.338
160.0	220.962	221.886	222.810	222.957	223.104	222.054	221.004	221.235	221.466	221.235
162.5	219.912	220.952	221.991	221.456	220.920	220.794	220.668	220.259	219.849	220.259
165.0	218.862	220.017	221.172	219.954	218.736	219.534	220.332	219.282	218.232	219.282

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**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	218.778	219.230	219.681	219.492	219.303	219.618	219.933	219.167	218.400	219.167
<b>170.0</b>	218.694	218.442	218.190	219.030	219.870	219.702	219.534	219.051	218.568	219.051
<b>172.5</b>	218.673	218.684	218.694	219.335	219.975	219.482	218.988	218.862	218.736	218.862
<b>175.0</b>	218.652	218.925	219.198	219.639	220.080	219.261	218.442	218.673	218.904	218.673
<b>177.5</b>	218.988	219.167	219.345	219.009	218.673	218.526	218.379	218.736	219.093	218.736
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>275.0</b>	<b>277.5</b>	<b>280.0</b>	<b>282.5</b>	<b>285.0</b>	<b>287.5</b>	<b>290.0</b>	<b>292.5</b>	<b>295.0</b>	<b>297.5</b>
<b>0.0</b>	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
<b>2.5</b>	301.707	301.728	301.749	301.529	301.308	301.308	301.308	301.329	301.350	301.581
<b>5.0</b>	300.762	300.804	300.846	300.405	299.964	299.964	299.964	300.006	300.048	300.510
<b>7.5</b>	300.846	301.035	301.224	300.794	300.363	299.922	299.481	299.450	299.418	300.332
<b>10.0</b>	300.930	301.266	301.602	301.182	300.762	299.880	298.998	298.893	298.788	300.153
<b>12.5</b>	298.914	299.040	299.166	299.439	299.712	299.271	298.830	298.347	297.864	298.662
<b>15.0</b>	296.898	296.814	296.730	297.696	298.662	298.662	298.662	297.801	296.940	297.171
<b>17.5</b>	296.478	296.489	296.499	296.510	296.520	297.024	297.528	296.856	296.184	296.342
<b>20.0</b>	296.058	296.163	296.268	295.323	294.378	295.386	296.394	295.911	295.428	295.512
<b>22.5</b>	295.911	296.048	296.184	295.271	294.357	295.050	295.743	295.691	295.638	295.323
<b>25.0</b>	295.764	295.932	296.100	295.218	294.336	294.714	295.092	295.470	295.848	295.134
<b>27.5</b>	296.163	296.405	296.646	295.911	295.176	295.922	296.667	296.447	296.226	295.890
<b>30.0</b>	296.562	296.877	297.192	296.604	296.016	297.129	298.242	297.423	296.604	296.646
<b>32.5</b>	294.315	294.725	295.134	294.945	294.756	295.040	295.323	294.882	294.441	294.441
<b>35.0</b>	292.068	292.572	293.076	293.286	293.496	292.950	292.404	292.341	292.278	292.236
<b>37.5</b>	294.315	294.599	294.882	294.756	294.630	294.263	293.895	293.853	293.811	293.528
<b>40.0</b>	296.562	296.625	296.688	296.226	295.764	295.575	295.386	295.365	295.344	294.819
<b>42.5</b>	293.769	293.360	292.950	292.604	292.257	292.089	291.921	292.467	293.013	292.121
<b>45.0</b>	290.976	290.094	289.212	288.981	288.750	288.603	288.456	289.569	290.682	289.422
<b>47.5</b>	288.309	287.606	286.902	286.776	286.650	286.272	285.894	287.091	288.288	287.385
<b>50.0</b>	285.642	285.117	284.592	284.571	284.550	283.941	283.332	284.613	285.894	285.348
<b>52.5</b>	281.211	280.938	280.665	280.770	280.875	281.222	281.568	281.642	281.715	281.306
<b>55.0</b>	276.780	276.759	276.738	276.969	277.200	278.502	279.804	278.670	277.536	277.263
<b>57.5</b>	277.977	278.303	278.628	278.597	278.565	279.216	279.867	279.048	278.229	278.618
<b>60.0</b>	279.174	279.846	280.518	280.224	279.930	279.930	279.930	279.426	278.922	279.972
<b>62.5</b>	279.573	279.668	279.762	279.699	279.636	280.371	281.106	280.823	280.539	280.403
<b>65.0</b>	279.972	279.489	279.006	279.174	279.342	280.812	282.282	282.219	282.156	280.833
<b>67.5</b>	275.373	274.670	273.966	274.302	274.638	275.625	276.612	276.486	276.360	276.035
<b>70.0</b>	270.774	269.850	268.926	269.430	269.934	270.438	270.942	270.753	270.564	271.236
<b>72.5</b>	268.674	268.517	268.359	268.223	268.086	268.328	268.569	268.937	269.304	269.283
<b>75.0</b>	266.574	267.183	267.792	267.015	266.238	266.217	266.196	267.120	268.044	267.330
<b>77.5</b>	263.844	263.939	264.033	263.498	262.962	262.952	262.941	264.075	265.209	264.390
<b>80.0</b>	261.114	260.694	260.274	259.980	259.686	259.686	259.686	261.030	262.374	261.450
<b>82.5</b>	261.282	261.146	261.009	260.852	260.694	261.093	261.492	261.566	261.639	261.440
<b>85.0</b>	261.450	261.597	261.744	261.723	261.702	262.500	263.298	262.101	260.904	261.429
<b>87.5</b>	260.043	260.579	261.114	260.967	260.820	260.652	260.484	259.949	259.413	259.718
<b>90.0</b>	258.636	259.560	260.484	260.211	259.938	258.804	257.670	257.796	257.922	258.006
<b>92.5</b>	255.171	255.455	255.738	256.085	256.431	256.032	255.633	255.203	254.772	254.646
<b>95.0</b>	251.706	251.349	250.992	251.958	252.924	253.260	253.596	252.609	251.622	251.286
<b>97.5</b>	253.050	253.250	253.449	253.974	254.499	254.394	254.289	253.649	253.008	253.586
<b>100.0</b>	254.394	255.150	255.906	255.990	256.074	255.528	254.982	254.688	254.394	255.885
<b>102.5</b>	252.357	252.683	253.008	252.704	252.399	252.525	252.651	252.189	251.727	252.620
<b>105.0</b>	250.320	250.215	250.110	249.417	248.724	249.522	250.320	249.690	249.060	249.354
<b>107.5</b>	250.950	250.992	251.034	250.215	249.396	250.268	251.139	251.045	250.950	250.961
<b>110.0</b>	251.580	251.769	251.958	251.013	250.068	251.013	251.958	252.399	252.840	252.567
<b>112.5</b>	251.097	250.856	250.614	250.751	250.887	251.276	251.664	251.885	252.105	251.486

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**CANDELA TABULATION - (Cont.)**

115.0	250.614	249.942	249.270	250.488	251.706	251.538	251.370	251.370	251.370	250.404
117.5	253.029	252.084	251.139	252.116	253.092	253.208	253.323	252.651	251.979	252.231
120.0	255.444	254.226	253.008	253.743	254.478	254.877	255.276	253.932	252.588	254.058
122.5	251.475	250.971	250.467	250.383	250.299	250.971	251.643	250.520	249.396	250.268
125.0	247.506	247.716	247.926	247.023	246.120	247.065	248.010	247.107	246.204	246.477
127.5	244.818	245.417	246.015	244.913	243.810	244.430	245.049	244.923	244.797	244.440
130.0	242.130	243.117	244.104	242.802	241.500	241.794	242.088	242.739	243.390	242.403
132.5	241.941	241.836	241.731	241.196	240.660	241.385	242.109	241.889	241.668	241.028
135.0	241.752	240.555	239.358	239.589	239.820	240.975	242.130	241.038	239.946	239.652
137.5	240.240	240.188	240.135	240.272	240.408	240.545	240.681	240.608	240.534	240.335
140.0	238.728	239.820	240.912	240.954	240.996	240.114	239.232	240.177	241.122	241.017
142.5	239.463	239.369	239.274	239.726	240.177	239.694	239.211	239.411	239.610	239.925
145.0	240.198	238.917	237.636	238.497	239.358	239.274	239.190	238.644	238.098	238.833
147.5	235.956	235.746	235.536	235.914	236.292	235.967	235.641	235.190	234.738	234.843
150.0	231.714	232.575	233.436	233.331	233.226	232.659	232.092	231.735	231.378	230.853
152.5	231.630	231.746	231.861	231.588	231.315	231.357	231.399	231.242	231.084	230.822
155.0	231.546	230.916	230.286	229.845	229.404	230.055	230.706	230.748	230.790	230.790
157.5	226.275	226.485	226.695	226.401	226.107	225.971	225.834	226.548	227.262	226.905
160.0	221.004	222.054	223.104	222.957	222.810	221.886	220.962	222.348	223.734	223.020
162.5	220.668	220.794	220.920	221.456	221.991	220.952	219.912	220.721	221.529	221.655
165.0	220.332	219.534	218.736	219.954	221.172	220.017	218.862	219.093	219.324	220.290
167.5	219.933	219.618	219.303	219.492	219.681	219.230	218.778	218.862	218.946	219.671
170.0	219.534	219.702	219.870	219.030	218.190	218.442	218.694	218.631	218.568	219.051
172.5	218.988	219.482	219.975	219.335	218.694	218.684	218.673	218.621	218.568	219.335
175.0	218.442	219.261	220.080	219.639	219.198	218.925	218.652	218.610	218.568	219.618
177.5	218.379	218.526	218.673	219.009	219.345	219.167	218.988	218.789	218.589	219.366
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**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	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.812	301.718	301.623	301.413	301.203	301.340	301.476	301.592	301.707	301.455
5.0	300.972	300.783	300.594	300.174	299.754	300.027	300.300	300.531	300.762	300.258
7.5	301.245	301.193	301.140	300.258	299.376	299.450	299.523	299.807	300.090	300.227
10.0	301.518	301.602	301.686	300.342	298.998	298.872	298.746	299.082	299.418	300.195
12.5	299.460	299.775	300.090	298.893	297.696	298.242	298.788	298.263	297.738	298.410
15.0	297.402	297.948	298.494	297.444	296.394	297.612	298.830	297.444	296.058	296.625
17.5	296.499	296.877	297.255	296.594	295.932	296.489	297.045	296.678	296.310	296.625
20.0	295.596	295.806	296.016	295.743	295.470	295.365	295.260	295.911	296.562	296.625
22.5	295.008	295.712	296.415	296.289	296.163	295.943	295.722	295.607	295.491	295.838
25.0	294.420	295.617	296.814	296.835	296.856	296.520	296.184	295.302	294.420	295.050
27.5	295.554	295.995	296.436	297.140	297.843	297.434	297.024	296.468	295.911	296.394
30.0	296.688	296.373	296.058	297.444	298.830	298.347	297.864	297.633	297.402	297.738
32.5	294.441	294.924	295.407	295.575	295.743	295.848	295.953	295.323	294.693	295.397
35.0	292.194	293.475	294.756	293.706	292.656	293.349	294.042	293.013	291.984	293.055
37.5	293.244	294.053	294.861	294.704	294.546	294.662	294.777	294.483	294.189	294.525
40.0	294.294	294.630	294.966	295.701	296.436	295.974	295.512	295.953	296.394	295.995
42.5	291.228	291.911	292.593	292.919	293.244	292.698	292.152	292.740	293.328	292.971
45.0	288.162	289.191	290.220	290.136	290.052	289.422	288.792	289.527	290.262	289.947
47.5	286.482	287.165	287.847	287.763	287.679	287.112	286.545	286.682	286.818	287.133
50.0	284.802	285.138	285.474	285.390	285.306	284.802	284.298	283.836	283.374	284.319
52.5	280.896	281.369	281.841	281.757	281.673	281.400	281.127	280.760	280.392	280.833
55.0	276.990	277.599	278.208	278.124	278.040	277.998	277.956	277.683	277.410	277.347
57.5	279.006	278.859	278.712	279.122	279.531	279.006	278.481	278.702	278.922	278.439
60.0	281.022	280.119	279.216	280.119	281.022	280.014	279.006	279.720	280.434	279.531

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**CANDELA TABULATION - (Cont.)**

62.5	280.266	279.752	279.237	279.836	280.434	279.794	279.153	280.214	281.274	280.581
65.0	279.510	279.384	279.258	279.552	279.846	279.573	279.300	280.707	282.114	281.631
67.5	275.709	275.195	274.680	274.796	274.911	275.111	275.310	275.846	276.381	276.318
70.0	271.908	271.005	270.102	270.039	269.976	270.648	271.320	270.984	270.648	271.005
72.5	269.262	269.157	269.052	269.105	269.157	269.357	269.556	268.758	267.960	268.286
75.0	266.616	267.309	268.002	268.170	268.338	268.065	267.792	266.532	265.272	265.566
77.5	263.571	264.170	264.768	264.264	263.760	263.697	263.634	263.309	262.983	263.025
80.0	260.526	261.030	261.534	260.358	259.182	259.329	259.476	260.085	260.694	260.484
82.5	261.240	261.408	261.576	260.978	260.379	260.768	261.156	261.555	261.954	261.387
85.0	261.954	261.786	261.618	261.597	261.576	262.206	262.836	263.025	263.214	262.290
87.5	260.022	260.232	260.442	260.600	260.757	260.579	260.400	260.579	260.757	260.190
90.0	258.090	258.678	259.266	259.602	259.938	258.951	257.964	258.132	258.300	258.090
92.5	254.520	255.245	255.969	256.158	256.347	256.127	255.906	255.245	254.583	254.877
95.0	250.950	251.811	252.672	252.714	252.756	253.302	253.848	252.357	250.866	251.664
97.5	254.163	254.121	254.079	254.342	254.604	254.457	254.310	253.502	252.693	253.313
100.0	257.376	256.431	255.486	255.969	256.452	255.612	254.772	254.646	254.520	254.961
102.5	253.512	253.281	253.050	252.714	252.378	251.906	251.433	251.612	251.790	252.536
105.0	249.648	250.131	250.614	249.459	248.304	248.199	248.094	248.577	249.060	250.110
107.5	250.971	251.129	251.286	250.604	249.921	249.491	249.060	250.005	250.950	251.454
110.0	252.294	252.126	251.958	251.748	251.538	250.782	250.026	251.433	252.840	252.798
112.5	250.866	251.297	251.727	251.454	251.181	250.709	250.236	250.740	251.244	251.811
115.0	249.438	250.467	251.496	251.160	250.824	250.635	250.446	250.047	249.648	250.824
117.5	252.483	252.830	253.176	252.525	251.874	252.420	252.966	252.840	252.714	253.187
120.0	255.528	255.192	254.856	253.890	252.924	254.205	255.486	255.633	255.780	255.549
122.5	251.139	250.971	250.803	250.383	249.963	250.436	250.908	251.013	251.118	251.507
125.0	246.750	246.750	246.750	246.876	247.002	246.666	246.330	246.393	246.456	247.464
127.5	244.083	244.724	245.364	244.986	244.608	244.220	243.831	244.367	244.902	245.448
130.0	241.416	242.697	243.978	243.096	242.214	241.773	241.332	242.340	243.348	243.432
132.5	240.387	241.763	243.138	242.550	241.962	241.658	241.353	241.805	242.256	241.857
135.0	239.358	240.828	242.298	242.004	241.710	241.542	241.374	241.269	241.164	240.282
137.5	240.135	240.650	241.164	241.238	241.311	240.650	239.988	240.093	240.198	240.209
140.0	240.912	240.471	240.030	240.471	240.912	239.757	238.602	238.917	239.232	240.135
142.5	240.240	239.610	238.980	239.652	240.324	239.852	239.379	238.991	238.602	239.012
145.0	239.568	238.749	237.930	238.833	239.736	239.946	240.156	239.064	237.972	237.888
147.5	234.948	234.959	234.969	235.148	235.326	236.040	236.754	235.998	235.242	235.106
150.0	230.328	231.168	232.008	231.462	230.916	232.134	233.352	232.932	232.512	232.323
152.5	230.559	230.570	230.580	230.423	230.265	230.717	231.168	231.431	231.693	231.420
155.0	230.790	229.971	229.152	229.383	229.614	229.299	228.984	229.929	230.874	230.517
157.5	226.548	226.286	226.023	225.551	225.078	225.278	225.477	226.401	227.325	227.010
160.0	222.306	222.600	222.894	221.718	220.542	221.256	221.970	222.873	223.776	223.503
162.5	221.781	221.183	220.584	219.975	219.366	220.059	220.752	221.351	221.949	221.855
165.0	221.256	219.765	218.274	218.232	218.190	218.862	219.534	219.828	220.122	220.206
167.5	220.395	219.293	218.190	218.442	218.694	218.589	218.484	218.988	219.492	219.639
170.0	219.534	218.820	218.106	218.652	219.198	218.316	217.434	218.148	218.862	219.072
172.5	220.101	219.083	218.064	218.631	219.198	218.484	217.770	218.558	219.345	219.650
175.0	220.668	219.345	218.022	218.610	219.198	218.652	218.106	218.967	219.828	220.227
177.5	220.143	219.419	218.694	218.946	219.198	218.631	218.064	218.799	219.534	219.713
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**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	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652	302.652
2.5	301.203	301.434	301.665	301.634	301.602	301.676	301.749	301.644	301.539	301.602
5.0	299.754	300.216	300.678	300.615	300.552	300.699	300.846	300.636	300.426	300.552
7.5	300.363	300.027	299.691	300.122	300.552	300.489	300.426	300.500	300.573	300.710

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

10.0	300.972	299.838	298.704	299.628	300.552	300.279	300.006	300.363	300.720	300.867
12.5	299.082	298.904	298.725	299.135	299.544	299.061	298.578	298.904	299.229	299.355
15.0	297.192	297.969	298.746	298.641	298.536	297.843	297.150	297.444	297.738	297.843
17.5	296.940	296.867	296.793	296.888	296.982	296.825	296.667	296.751	296.835	296.951
20.0	296.688	295.764	294.840	295.134	295.428	295.806	296.184	296.058	295.932	296.058
22.5	296.184	296.027	295.869	295.922	295.974	295.575	295.176	295.113	295.050	295.544
25.0	295.680	296.289	296.898	296.709	296.520	295.344	294.168	294.168	294.168	295.029
27.5	296.877	297.266	297.654	297.003	296.352	296.090	295.827	296.205	296.583	296.972
30.0	298.074	298.242	298.410	297.297	296.184	296.835	297.486	298.242	298.998	298.914
32.5	296.100	295.880	295.659	294.924	294.189	294.431	294.672	295.250	295.827	296.016
35.0	294.126	293.517	292.908	292.551	292.194	292.026	291.858	292.257	292.656	293.118
37.5	294.861	294.977	295.092	294.462	293.832	294.063	294.294	294.011	293.727	294.095
40.0	295.596	296.436	297.276	296.373	295.470	296.100	296.730	295.764	294.798	295.071
42.5	292.614	293.202	293.790	293.150	292.509	292.898	293.286	292.751	292.215	292.499
45.0	289.632	289.968	290.304	289.926	289.548	289.695	289.842	289.737	289.632	289.926
47.5	287.448	287.889	288.330	287.406	286.482	287.123	287.763	287.501	287.238	286.986
50.0	285.264	285.810	286.356	284.886	283.416	284.550	285.684	285.264	284.844	284.046
52.5	281.274	282.104	282.933	281.715	280.497	281.516	282.534	281.684	280.833	280.382
55.0	277.284	278.397	279.510	278.544	277.578	278.481	279.384	278.103	276.822	276.717
57.5	277.956	278.534	279.111	278.471	277.830	278.691	279.552	278.849	278.145	278.124
60.0	278.628	278.670	278.712	278.397	278.082	278.901	279.720	279.594	279.468	279.531
62.5	279.888	280.088	280.287	279.731	279.174	279.710	280.245	280.214	280.182	280.214
65.0	281.148	281.505	281.862	281.064	280.266	280.518	280.770	280.833	280.896	280.896
67.5	276.255	276.318	276.381	275.993	275.604	275.394	275.184	275.142	275.100	275.783
70.0	271.362	271.131	270.900	270.921	270.942	270.270	269.598	269.451	269.304	270.669
72.5	268.611	269.084	269.556	269.031	268.506	268.149	267.792	268.107	268.422	269.115
75.0	265.860	267.036	268.212	267.141	266.070	266.028	265.986	266.763	267.540	267.561
77.5	263.067	263.592	264.117	263.519	262.920	263.288	263.655	263.897	264.138	264.422
80.0	260.274	260.148	260.022	259.896	259.770	260.547	261.324	261.030	260.736	261.282
82.5	260.820	261.272	261.723	260.999	260.274	261.293	262.311	261.807	261.303	261.324
85.0	261.366	262.395	263.424	262.101	260.778	262.038	263.298	262.584	261.870	261.366
87.5	259.623	260.054	260.484	260.337	260.190	260.526	260.862	260.768	260.673	260.274
90.0	257.880	257.712	257.544	258.573	259.602	259.014	258.426	258.951	259.476	259.182
92.5	255.171	255.213	255.255	255.759	256.263	255.738	255.213	255.402	255.591	255.549
95.0	252.462	252.714	252.966	252.945	252.924	252.462	252.000	251.853	251.706	251.916
97.5	253.932	253.880	253.827	254.373	254.919	254.772	254.625	254.111	253.596	254.195
100.0	255.402	255.045	254.688	255.801	256.914	257.082	257.250	256.368	255.486	256.473
102.5	253.281	252.903	252.525	252.987	253.449	253.092	252.735	252.977	253.218	253.029
105.0	251.160	250.761	250.362	250.173	249.984	249.102	248.220	249.585	250.950	249.585
107.5	251.958	251.475	250.992	250.572	250.152	250.352	250.551	251.276	252.000	251.286
110.0	252.756	252.189	251.622	250.971	250.320	251.601	252.882	252.966	253.050	252.987
112.5	252.378	251.906	251.433	250.814	250.194	251.129	252.063	252.095	252.126	251.601
115.0	252.000	251.622	251.244	250.656	250.068	250.656	251.244	251.223	251.202	250.215
117.5	253.659	252.893	252.126	252.105	252.084	252.557	253.029	252.546	252.063	251.591
120.0	255.318	254.163	253.008	253.554	254.100	254.457	254.814	253.869	252.924	252.966
122.5	251.895	250.866	249.837	250.394	250.950	251.013	251.076	250.478	249.879	249.753
125.0	248.472	247.569	246.666	247.233	247.800	247.569	247.338	247.086	246.834	246.540
127.5	245.994	245.364	244.734	244.640	244.545	244.913	245.280	245.102	244.923	244.398
130.0	243.516	243.159	242.802	242.046	241.290	242.256	243.222	243.117	243.012	242.256
132.5	241.458	242.004	242.550	241.847	241.143	241.301	241.458	241.595	241.731	241.248
135.0	239.400	240.849	242.298	241.647	240.996	240.345	239.694	240.072	240.450	240.240
137.5	240.219	240.744	241.269	240.692	240.114	240.083	240.051	239.894	239.736	239.988
140.0	241.038	240.639	240.240	239.736	239.232	239.820	240.408	239.715	239.022	239.736
142.5	239.421	239.505	239.589	239.222	238.854	238.844	238.833	238.896	238.959	239.169
145.0	237.804	238.371	238.938	238.707	238.476	237.867	237.258	238.077	238.896	238.602
147.5	234.969	234.801	234.633	235.053	235.473	235.043	234.612	234.675	234.738	234.507

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

150.0	232.134	231.231	230.328	231.399	232.470	232.218	231.966	231.273	230.580	230.412
152.5	231.147	230.790	230.433	230.538	230.643	231.158	231.672	230.927	230.181	230.339
155.0	230.160	230.349	230.538	229.677	228.816	230.097	231.378	230.580	229.782	230.265
157.5	226.695	226.779	226.863	226.580	226.296	226.590	226.884	226.317	225.750	225.918
160.0	223.230	223.209	223.188	223.482	223.776	223.083	222.390	222.054	221.718	221.571
162.5	221.760	221.582	221.403	221.592	221.781	221.739	221.697	221.214	220.731	220.343
165.0	220.290	219.954	219.618	219.702	219.786	220.395	221.004	220.374	219.744	219.114
167.5	219.786	219.083	218.379	218.369	218.358	219.282	220.206	219.587	218.967	218.631
170.0	219.282	218.211	217.140	217.035	216.930	218.169	219.408	218.799	218.190	218.148
172.5	219.954	219.209	218.463	218.232	218.001	218.610	219.219	218.852	218.484	218.421
175.0	220.626	220.206	219.786	219.429	219.072	219.051	219.030	218.904	218.778	218.694
177.5	219.891	219.324	218.757	219.125	219.492	218.873	218.253	218.169	218.085	218.495
180.0	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000	218.000

**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	302.652	302.652	302.652	302.652	302.652
2.5	301.665	301.581	301.497	301.539	301.581
5.0	300.678	300.510	300.342	300.426	300.510
7.5	300.846	300.815	300.783	300.479	300.174
10.0	301.014	301.119	301.224	300.531	299.838
12.5	299.481	299.597	299.712	299.544	299.376
15.0	297.948	298.074	298.200	298.557	298.914
17.5	297.066	297.224	297.381	297.675	297.969
20.0	296.184	296.373	296.562	296.793	297.024
22.5	296.037	296.237	296.436	296.552	296.667
25.0	295.890	296.100	296.310	296.310	296.310
27.5	297.360	297.434	297.507	296.982	296.457
30.0	298.830	298.767	298.704	297.654	296.604
32.5	296.205	295.964	295.722	294.987	294.252
35.0	293.580	293.160	292.740	292.320	291.900
37.5	294.462	294.389	294.315	294.126	293.937
40.0	295.344	295.617	295.890	295.932	295.974
42.5	292.782	292.415	292.047	292.793	293.538
45.0	290.220	289.212	288.204	289.653	291.102
47.5	286.734	286.944	287.154	287.795	288.435
50.0	283.248	284.676	286.104	285.936	285.768
52.5	279.930	280.634	281.337	281.999	282.660
55.0	276.612	276.591	276.570	278.061	279.552
57.5	278.103	278.376	278.649	279.090	279.531
60.0	279.594	280.161	280.728	280.119	279.510
62.5	280.245	280.550	280.854	280.350	279.846
65.0	280.896	280.938	280.980	280.581	280.182
67.5	276.465	276.224	275.982	275.352	274.722
70.0	272.034	271.509	270.984	270.123	269.262
72.5	269.808	269.231	268.653	268.485	268.317
75.0	267.582	266.952	266.322	266.847	267.372
77.5	264.705	263.823	262.941	263.351	263.760
80.0	261.828	260.694	259.560	259.854	260.148
82.5	261.345	260.852	260.358	260.726	261.093
85.0	260.862	261.009	261.156	261.597	262.038
87.5	259.875	260.348	260.820	260.558	260.295
90.0	258.888	259.686	260.484	259.518	258.552
92.5	255.507	255.948	256.389	256.127	255.864
95.0	252.126	252.210	252.294	252.735	253.176

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	254.793	254.237	253.680	254.310	254.940
<b>100.0</b>	257.460	256.263	255.066	255.885	256.704
<b>102.5</b>	252.840	252.977	253.113	253.428	253.743
<b>105.0</b>	248.220	249.690	251.160	250.971	250.782
<b>107.5</b>	250.572	250.604	250.635	250.730	250.824
<b>110.0</b>	252.924	251.517	250.110	250.488	250.866
<b>112.5</b>	251.076	250.635	250.194	250.698	251.202
<b>115.0</b>	249.228	249.753	250.278	250.908	251.538
<b>117.5</b>	251.118	251.853	252.588	253.061	253.533
<b>120.0</b>	253.008	253.953	254.898	255.213	255.528
<b>122.5</b>	249.627	250.782	251.937	251.717	251.496
<b>125.0</b>	246.246	247.611	248.976	248.220	247.464
<b>127.5</b>	243.873	244.703	245.532	244.976	244.419
<b>130.0</b>	241.500	241.794	242.088	241.731	241.374
<b>132.5</b>	240.765	240.933	241.101	240.776	240.450
<b>135.0</b>	240.030	240.072	240.114	239.820	239.526
<b>137.5</b>	240.240	240.366	240.492	239.736	238.980
<b>140.0</b>	240.450	240.660	240.870	239.652	238.434
<b>142.5</b>	239.379	239.558	239.736	239.022	238.308
<b>145.0</b>	238.308	238.455	238.602	238.392	238.182
<b>147.5</b>	234.276	235.064	235.851	235.599	235.347
<b>150.0</b>	230.244	231.672	233.100	232.806	232.512
<b>152.5</b>	230.496	231.137	231.777	231.620	231.462
<b>155.0</b>	230.748	230.601	230.454	230.433	230.412
<b>157.5</b>	226.086	225.897	225.708	225.866	226.023
<b>160.0</b>	221.424	221.193	220.962	221.298	221.634
<b>162.5</b>	219.954	220.511	221.067	220.721	220.374
<b>165.0</b>	218.484	219.828	221.172	220.143	219.114
<b>167.5</b>	218.295	218.841	219.387	219.125	218.862
<b>170.0</b>	218.106	217.854	217.602	218.106	218.610
<b>172.5</b>	218.358	218.180	218.001	218.778	219.555
<b>175.0</b>	218.610	218.505	218.400	219.450	220.500
<b>177.5</b>	218.904	219.146	219.387	219.776	220.164
<b>180.0</b>	218.000	218.000	218.000	218.000	218.000

**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	113.07	2.70	3.40
0-30	250.19	6.00	7.60
0-40	435.32	10.40	13.20
0-60	910.97	21.70	27.60
0-80	1468.28	35.00	44.60
0-90	1752.86	41.70	53.20
10-90	1724.17	41.10	52.30
20-40	322.25	7.70	9.80
20-50	546.71	13.00	16.60
40-70	751.36	17.90	22.80
60-80	557.32	13.30	16.90
70-80	281.60	6.70	8.50
80-90	284.58	6.80	8.60
90-110	544.32	13.00	16.50
90-120	794.33	18.90	24.10
90-130	1016.75	24.20	30.90
90-150	1352.59	32.20	41.10
90-180	1541.89	36.70	46.80
110-180	997.57	23.80	30.30
0-180	3294.75	78.40	100.00

Total Luminaire Efficiency = 78.40%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	28.69
10-20	84.38
20-30	137.11
30-40	185.14
40-50	224.46
50-60	251.18
60-70	275.72
70-80	281.60
80-90	284.58
90-100	278.01
100-110	266.30
110-120	250.01
120-130	222.42
130-140	186.65
140-150	149.19
150-160	105.98
160-170	62.43
170-180	20.89



**IES INDOOR REPORT**  
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	85	85	85	85	78	78	78	78	67	67	67	56	56	56	46	46	46	42
1	74	69	65	61	68	64	60	57	54	51	48	44	42	40	36	34	33	28
2	66	59	53	47	61	54	49	44	45	41	37	37	34	31	30	27	25	21
3	60	51	44	38	54	47	40	35	39	34	30	32	28	25	25	23	20	17
4	54	44	37	31	49	41	34	29	34	29	25	28	24	21	22	19	17	14
5	49	39	32	26	45	36	29	25	30	25	21	25	21	17	20	17	14	11
6	45	35	28	23	41	32	26	21	27	22	18	22	18	15	18	14	12	10
7	42	31	24	19	38	29	23	18	24	19	16	20	16	13	16	13	10	8
8	39	28	22	17	35	26	20	16	22	17	14	18	14	11	15	12	9	7
9	36	26	19	15	33	24	18	14	20	15	12	17	13	10	13	10	8	6
10	34	23	17	13	31	22	16	12	18	14	11	15	12	9	12	9	7	6

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : F07A03.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	12.0	13.0	12.9	13.9	15.1	UGR Viewed Endwise	12.0	13.0	12.9	13.9	15.1
	3H	15.4	16.4	16.3	17.3	18.5		15.4	16.3	16.3	17.3	18.5
	4H	17.2	18.1	18.1	19.1	20.3		17.2	18.1	18.1	19.1	20.3
	6H	19.2	20.0	20.1	21.0	22.2		19.2	20.0	20.1	21.0	22.2
	8H	20.3	21.1	21.2	22.1	23.3		20.3	21.1	21.2	22.1	23.3
	12H	21.5	22.3	22.5	23.3	24.6		21.6	22.3	22.5	23.3	24.6

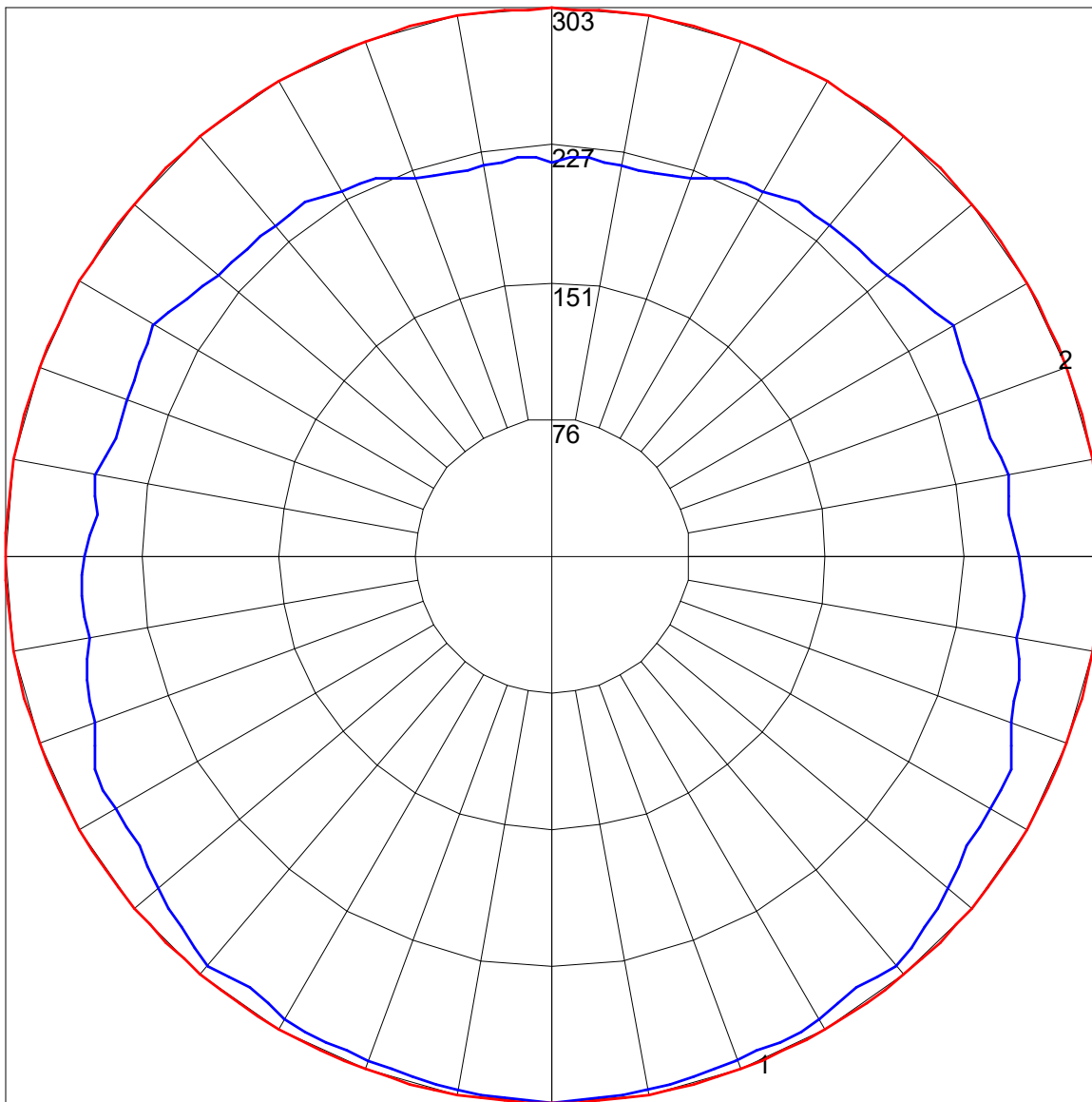
4H	2H	13.0	13.9	13.9	14.9	16.1	13.0	13.9	14.0	14.9	16.1
	3H	16.7	17.4	17.6	18.4	19.7	16.6	17.4	17.6	18.4	19.7
	4H	18.6	19.4	19.6	20.3	21.6	18.6	19.4	19.6	20.3	21.6
	6H	20.8	21.4	21.7	22.4	23.7	20.8	21.4	21.7	22.4	23.7
	8H	22.0	22.6	22.9	23.6	24.9	22.0	22.6	22.9	23.6	24.9
	12H	23.3	23.9	24.3	24.9	26.2	23.3	23.9	24.3	24.9	26.2

8H	4H	19.4	20.0	20.4	21.0	22.3	19.4	20.0	20.4	21.0	22.3
	6H	21.8	22.3	22.8	23.4	24.6	21.8	22.3	22.8	23.4	24.6
	8H	23.2	23.7	24.2	24.7	26.0	23.2	23.7	24.2	24.7	26.0
	12H	24.8	25.2	25.8	26.2	27.6	24.8	25.2	25.8	26.3	27.6

12H	4H	19.6	20.2	20.6	21.2	22.5	19.6	20.2	20.6	21.2	22.5
	6H	22.2	22.6	23.1	23.6	25.0	22.2	22.6	23.1	23.6	25.0
	8H	23.6	24.1	24.6	25.1	26.4	23.6	24.1	24.6	25.1	26.4

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 302.652 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)