



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SXS2-8-S-LED-HO-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-7536
[TESTLAB] LSI INDUSTRIES, INC
[ISSUE DATE] 3/16/2016
[MANUFAC] LSI INDUSTRIES, INC
[LUMCAT] SXS2-8-S-LED-HO-40
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[OTHER] SCALED FROM ORIGINAL TEST DATA
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	81487
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	781
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	3.17 ft
Luminous Height	0.02 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	655
85	0	5528	12484

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CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.237
85.0	0.000	0.000	0.000	0.000	0.000	0.000	15.254	59.999	100.676	140.336
87.5	0.000	0.000	0.000	10.169	59.999	106.778	152.539	202.369	244.063	282.707
90.0	0.000	0.000	46.779	98.642	152.539	211.521	267.453	318.299	392.535	458.635
92.5	297.960	312.198	326.435	350.841	437.280	520.668	593.887	710.834	828.798	940.660
95.0	699.648	724.054	746.427	775.918	839.984	921.339	1025.065	1177.605	1342.348	1500.989
97.5	1279.298	1303.704	1331.161	1378.957	1458.278	1570.140	1691.155	1825.389	1973.861	2147.756
100.0	2077.588	2086.740	2127.418	2182.332	2248.432	2343.007	2475.208	2624.696	2824.015	3036.553
102.5	3109.772	3113.840	3156.551	3181.974	3214.516	3285.701	3429.088	3586.712	3759.590	3971.112
105.0	4300.597	4303.648	4346.359	4387.036	4401.273	4446.018	4526.355	4617.879	4749.063	4920.924
107.5	5662.266	5657.182	5678.537	5707.011	5691.757	5709.045	5740.570	5779.213	5864.635	5980.565
110.0	7145.967	7140.882	7121.561	7095.120	7047.325	7043.257	7043.257	7044.274	7084.951	7143.933
112.5	8612.380	8611.363	8631.702	8580.855	8551.364	8492.382	8425.265	8348.995	8345.944	8352.046
115.0	10054.387	10053.370	10050.319	10040.150	10015.743	9997.404	9884.559	9777.782	9709.647	9620.158
117.5	11493.343	11484.190	11468.936	11446.564	11419.107	11393.684	11294.024	11189.281	11088.605	10988.945
120.0	12918.062	12881.452	12865.181	12873.317	12816.369	12749.251	12652.643	12544.848	12446.206	12337.395
122.5	14236.003	14229.901	14222.783	14215.664	14188.207	14084.480	13984.821	13849.569	13720.419	13611.608
125.0	15519.368	15521.402	15527.504	15524.453	15450.217	15329.203	15206.154	15074.970	14949.888	14842.093
127.5	16756.972	16760.023	16751.888	16704.092	16614.602	16508.841	16380.708	16248.507	16113.256	15990.207
130.0	17891.866	17893.900	17881.697	17806.444	17721.022	17621.363	17512.551	17398.655	17287.810	17130.186
132.5	18941.338	18942.355	18911.847	18853.882	18795.917	18708.461	18601.683	18491.855	18367.789	18235.588

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CANDELA TABULATION - (Cont.)

135.0	19936.91219925.72619904.37119830.13519771.15319704.03519623.69819544.37719431.49819304.382
137.5	20856.21720832.82820798.25220757.57520700.62720635.54320560.29020478.93620405.71720303.007
140.0	21715.52321672.81221648.40621627.05021567.05121511.12021454.17221375.86821295.53121208.075
142.5	22448.72922442.62822429.40822403.98422364.32422318.56222272.80122205.68322134.49822072.465
145.0	23141.25923143.29323147.36023110.75123100.58223053.80323009.05822961.26222908.38222853.468
147.5	23764.63723766.67123760.56923745.31523734.12923718.87523684.29923650.74123615.14823538.878
150.0	24331.06724328.01624322.93124316.83024315.81324298.52524285.30524269.03424219.20524145.986
152.5	24840.54924833.43024829.36224830.37924819.19324805.97324792.75324772.41424716.48324669.704
155.0	25274.77825277.82925276.81225269.69325261.55825244.27025222.91425192.40625154.78025111.052
157.5	25645.95725647.99125645.95725636.80525625.61925618.50025596.12825567.65425541.21325513.756
160.0	25960.18925952.05325945.95225942.90125939.85025921.54525907.30825894.08825874.76725849.343
162.5	26206.28626207.30326206.28626199.16726190.01526182.89626172.72726159.50726143.23626132.050
165.0	26421.87526420.85826415.77326412.72226408.65526400.51926391.36726379.16426368.99426354.757
167.5	26592.71926592.71926593.73626588.65126582.55026575.43126569.33026562.21126553.05926543.906
170.0	26734.07226731.02226726.95426722.88626719.83526718.81826716.78526712.71726706.61526700.514
172.5	26841.86726841.86726842.88426843.90126842.88426840.85026835.76526831.69826827.63026825.596
175.0	26924.23826924.23826925.25526925.25526927.28926925.25526924.23826923.22126922.20426919.154
177.5	26973.05126974.06826974.06826974.06826978.13626974.06826973.05126972.03426971.01726970.000
180.0	26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Horizontal Angles

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	23.389	55.931	88.473	119.998
80.0	0.000	0.000	7.119	44.745	81.354	117.964	144.404	160.675	173.895	190.166

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CANDELA TABULATION - (Cont.)

82.5	54.914	94.574	133.218	163.726	189.149	208.471	244.063	292.876	338.638	380.332
85.0	181.014	216.606	245.080	304.062	359.993	413.891	479.991	555.244	619.310	682.360
87.5	346.773	409.823	476.940	569.481	664.055	748.460	828.798	905.068	964.050	1025.065
90.0	517.617	632.530	750.494	858.289	981.337	1092.183	1182.690	1267.095	1350.483	1416.583
92.5	1088.115	1234.553	1360.652	1486.752	1606.749	1707.425	1796.915	1914.879	2013.521	2091.825
95.0	1672.850	1834.542	1973.861	2119.282	2280.974	2422.327	2549.443	2662.323	2770.117	2862.658
97.5	2357.244	2588.087	2774.185	2939.945	3095.535	3236.888	3365.021	3484.002	3594.847	3699.591
100.0	3251.125	3466.714	3630.440	3791.115	3931.451	4066.703	4196.870	4322.969	4442.967	4552.796
102.5	4191.785	4399.239	4553.812	4695.166	4781.605	4902.619	5041.939	5166.004	5274.816	5373.458
105.0	5093.802	5278.884	5480.236	5609.386	5730.400	5838.195	5932.770	6023.276	6117.851	6225.645
107.5	6108.698	6258.187	6439.201	6545.978	6621.231	6725.975	6843.939	6964.953	7085.968	7197.830
110.0	7222.237	7333.082	7460.198	7564.942	7610.704	7681.889	7764.260	7858.835	7960.528	8098.830
112.5	8377.469	8445.604	8518.822	8603.228	8638.820	8691.701	8757.801	8844.240	8900.171	8987.627
115.0	9572.362	9587.616	9608.971	9643.547	9684.224	9696.427	9733.037	9791.002	9853.035	9923.203
117.5	10903.523	10840.474	10770.305	10712.340	10716.408	10689.968	10706.239	10746.916	10806.915	10869.965
120.0	12215.363	12103.501	11994.689	11898.081	11836.048	11767.914	11738.423	11750.626	11768.931	11804.523
122.5	13470.255	13350.257	13232.293	13116.363	13012.636	12928.231	12849.927	12801.115	12779.759	12764.505
125.0	14696.672	14570.573	14448.541	14320.408	14197.360	14097.700	13994.990	13908.551	13837.366	13767.198
127.5	15867.159	15744.110	15627.163	15491.911	15366.829	15260.051	15151.746	15032.259	14924.464	14812.602
130.0	16992.900	16848.496	16716.295	16590.196	16480.367	16379.691	16265.795	16144.780	16020.715	15893.599
132.5	18109.489	17967.119	17821.698	17681.362	17545.093	17413.909	17301.030	17188.151	17080.356	16967.477
135.0	19178.283	19051.166	18913.881	18788.798	18631.174	18493.889	18359.654	18227.453	18103.388	17974.237
137.5	20213.517	20098.604	19951.149	19802.678	19661.324	19520.988	19390.821	19260.654	19137.605	19023.709
140.0	21110.450	21006.723	20873.505	20748.422	20655.882	20480.970	20347.752	20216.568	20081.316	19952.166
142.5	21975.857	21849.758	21721.624	21589.424	21469.426	21340.276	21206.041	21082.992	20938.588	20800.286
145.0	22754.825	22643.980	22534.152	22430.425	22266.699	22134.498	21995.179	21860.944	21726.709	21592.474
147.5	23456.507	23360.916	23261.256	23150.411	23016.176	22884.992	22750.758	22619.574	22489.407	22359.240
150.0	24065.648	23987.344	23894.804	23791.077	23687.350	23576.505	23466.676	23347.696	23214.478	23097.531
152.5	24605.638	24536.487	24461.234	24365.642	24276.153	24186.663	24097.173	23989.378	23885.651	23783.958
155.0	25068.341	25013.427	24951.394	24884.277	24811.058	24735.805	24656.484	24569.028	24485.640	24403.269
157.5	25473.079	25427.317	25381.555	25331.726	25282.913	25229.016	25165.966	25103.934	25034.782	24965.631
160.0	25819.852	25788.327	25755.786	25725.278	25689.685	25640.873	25595.111	25547.315	25500.536	25460.876
162.5	26106.627	26088.322	26072.051	26048.662	26016.120	25985.612	25957.138	25926.630	25898.156	25872.733
165.0	26342.554	26332.385	26317.131	26295.776	26277.471	26263.234	26247.980	26229.675	26213.404	26192.049
167.5	26534.754	26525.602	26516.449	26504.246	26494.077	26484.925	26477.806	26465.603	26449.332	26434.078
170.0	26695.429	26690.344	26684.243	26675.090	26667.972	26660.853	26652.718	26643.566	26633.396	26623.227
172.5	26822.545	26820.511	26819.494	26820.511	26808.308	26801.190	26795.088	26790.004	26784.919	26780.851
175.0	26917.120	26914.069	26912.035	26910.001	26908.984	26907.967	26905.934	26902.883	26899.832	26896.781
177.5	26968.983	26968.983	26967.966	26967.966	26966.949	26966.949	26965.932	26965.932	26964.915	26964.915
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

**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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	5.085	25.423	43.728	59.999	75.253
75.0	17.288	44.745	71.185	96.608	121.015	139.319	150.506	159.658	167.793	175.929
77.5	141.353	155.590	168.810	182.030	194.234	209.488	226.775	237.962	249.148	259.317
80.0	220.674	258.300	287.791	311.181	326.435	350.841	388.467	422.026	460.669	495.245
82.5	428.128	485.076	538.973	588.802	636.598	682.360	728.122	768.799	811.510	850.153
85.0	747.444	814.561	877.611	936.593	992.524	1047.438	1098.284	1139.979	1184.723	1227.434
87.5	1106.420	1193.876	1272.179	1341.331	1400.313	1456.244	1505.056	1538.615	1579.292	1625.054
90.0	1490.819	1604.716	1715.561	1805.051	1874.202	1938.269	1974.878	2013.521	2038.945	2103.011
92.5	2205.721	2321.651	2417.243	2494.529	2552.494	2598.256	2647.069	2680.627	2724.355	2797.574
95.0	2969.436	3083.332	3181.974	3266.379	3336.547	3393.495	3448.410	3490.104	3533.832	3613.152
97.5	3818.572	3918.231	4020.941	4112.465	4194.836	4262.970	4308.732	4343.308	4368.731	4442.967
100.0	4658.556	4763.300	4855.841	4937.195	5008.380	5070.413	5135.496	5188.377	5227.020	5307.358
102.5	5461.931	5578.878	5695.825	5801.586	5896.160	5977.514	6035.479	6078.191	6105.648	6166.663
105.0	6346.660	6469.709	6585.639	6686.315	6771.737	6839.871	6884.616	6912.073	6924.276	6968.004
107.5	7308.676	7413.420	7490.706	7553.756	7616.806	7668.669	7699.177	7720.532	7731.719	7765.277
110.0	8239.167	8364.249	8427.299	8481.196	8517.806	8547.297	8570.686	8585.940	8593.058	8609.329
112.5	9080.168	9177.793	9247.961	9301.859	9361.857	9414.738	9454.398	9489.991	9518.465	9544.905
115.0	9996.422	10067.607	10115.403	10143.877	10189.638	10236.417	10265.908	10295.399	10319.805	10337.093
117.5	10937.082	11002.165	11055.046	11069.283	11079.452	11087.588	11083.520	11084.537	11084.537	11080.469
120.0	11847.234	11895.030	11948.927	11960.114	11965.198	11969.266	11965.198	11968.249	11971.300	11975.367
122.5	12763.488	12774.674	12786.878	12805.182	12798.064	12799.081	12803.148	12813.318	12824.504	12841.792
125.0	13708.216	13667.539	13636.014	13621.777	13603.472	13589.235	13593.303	13600.422	13608.557	13617.709
127.5	14709.892	14623.453	14555.319	14493.286	14437.355	14385.492	14364.136	14345.831	14343.797	14334.645
130.0	15770.550	15661.739	15556.995	15452.251	15352.592	15271.238	15214.289	15161.409	15129.884	15106.495
132.5	16868.835	16731.549	16606.467	16478.333	16353.251	16266.812	16188.508	16146.814	16107.257	16102.580
135.0	17843.054	17725.090	17606.109	17481.026	17361.029	17285.776	17208.489	17133.236	17064.085	17003.069
137.5	18875.237	18727.783	18588.463	18443.042	18317.960	18232.538	18185.759	18084.066	18021.016	17963.051
140.0	19819.965	19678.612	19542.344	19409.126	19305.399	19220.994	19134.555	19053.200	18982.015	18917.948
142.5	20669.102	20539.952	20409.785	20281.652	20201.314	20125.044	20049.792	19974.539	19904.371	19840.304
145.0	21463.324	21336.208	21214.176	21119.602	21032.146	20957.910	20894.860	20821.641	20756.558	20696.559
147.5	22234.157	22114.159	22019.962	21922.977	21858.910	21780.606	21707.387	21637.219	21569.085	21505.018
150.0	22980.584	22871.772	22781.266	22712.114	22638.895	22575.846	22517.881	22444.662	22372.460	22305.342
152.5	23687.350	23586.674	23525.658	23460.575	23392.440	23331.425	23272.443	23219.562	23173.800	23106.683
155.0	24318.864	24255.814	24214.120	24122.596	24057.513	23989.378	23943.616	23898.872	23857.177	23823.619
157.5	24911.734	24856.820	24799.872	24746.991	24691.060	24640.214	24590.384	24540.554	24494.793	24449.031
160.0	25422.233	25377.488	25333.760	25290.032	25247.321	25207.660	25166.983	25127.323	25090.713	25052.070
162.5	25838.157	25799.514	25763.921	25729.346	25693.753	25661.211	25630.703	25597.145	25566.637	25537.146
165.0	26166.625	26139.168	26114.762	26091.373	26066.966	26042.560	26019.171	25996.798	25975.443	25952.053
167.5	26419.841	26405.604	26389.333	26374.079	26359.842	26345.605	26335.436	26318.148	26304.928	26294.759

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CANDELA TABULATION - (Cont.)

170.0 26614.07526604.92226597.80426591.70226586.61826580.51626574.41426569.33026564.24526561.194
172.5 26776.78326773.73326768.64826763.56326759.49626755.42826752.37726749.32626746.27626747.292
175.0 26894.74726891.69626889.66326888.64626886.61226884.57826883.56126883.56126888.64626879.493
177.5 26964.91526963.89926963.89926963.89926966.94926970.00026961.86526960.84826960.84826959.831
180.0 26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Angles	Horizontal Angles									
	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	88.473	99.659	108.812	115.930	122.032	125.082	126.099	125.082	122.032	115.930
75.0	183.047	189.149	193.217	198.301	201.352	203.386	204.403	203.386	201.352	198.301
77.5	266.436	272.537	276.605	279.656	280.673	280.673	279.656	280.673	280.673	279.656
80.0	524.736	549.142	568.464	583.718	592.870	597.955	609.141	597.955	592.870	583.718
82.5	884.729	914.220	938.626	956.931	970.151	988.456	987.439	988.456	970.151	956.931
85.0	1265.061	1296.586	1323.026	1343.365	1373.872	1373.872	1373.872	1373.872	1373.872	1343.365
87.5	1665.731	1699.290	1726.747	1747.086	1775.560	1773.526	1772.509	1773.526	1775.560	1747.086
90.0	2154.875	2194.535	2223.009	2241.314	2265.720	2250.466	2235.212	2250.466	2265.720	2241.314
92.5	2858.590	2907.403	2945.029	2969.436	3004.011	2985.706	2970.452	2985.706	3004.011	2969.436
95.0	3676.202	3723.998	3755.522	3772.810	3795.183	3764.675	3741.285	3764.675	3795.183	3772.810
97.5	4506.017	4557.880	4597.540	4624.998	4652.455	4640.252	4626.014	4640.252	4652.455	4624.998
100.0	5377.526	5431.423	5468.033	5489.388	5495.490	5486.337	5462.948	5486.337	5495.490	5489.388
102.5	6233.781	6288.695	6329.372	6379.202	6369.032	6365.982	6348.694	6365.982	6369.032	6379.202
105.0	7034.105	7086.985	7126.645	7156.136	7165.289	7163.255	7146.984	7163.255	7165.289	7156.136
107.5	7832.395	7885.275	7922.902	7945.274	7953.409	7947.308	7925.952	7947.308	7953.409	7945.274
110.0	8662.210	8702.887	8745.598	8751.699	8757.801	8748.649	8724.242	8748.649	8757.801	8751.699
112.5	9608.971	9660.835	9694.394	9707.614	9710.664	9701.512	9681.173	9701.512	9710.664	9707.614
115.0	10389.974	10440.820	10473.362	10493.701	10502.853	10500.819	10487.599	10500.819	10502.853	10493.701

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CANDELA TABULATION - (Cont.)

117.5	11101.825 11151.654 11171.993 11190.298 11198.433 11196.399 11183.179 11196.399 11198.433 11190.298
120.0	11992.655 12017.062 12030.282 12037.400 12038.417 12033.333 12021.129 12033.333 12038.417 12037.400
122.5	12853.995 12870.266 12878.401 12883.486 12884.503 12880.435 12872.300 12880.435 12884.503 12883.486
125.0	13642.116 13639.065 13646.183 13652.285 13655.336 13656.353 13654.319 13656.353 13655.336 13652.285
127.5	14335.662 14339.730 14346.848 14351.933 14356.001 14358.034 14358.034 14358.034 14356.001 14351.933
130.0	15084.122 15068.869 15061.750 15054.631 15048.530 15043.445 15036.327 15043.445 15048.530 15054.631
132.5	15981.055 15943.428 15915.971 15892.582 15872.243 15854.955 15839.701 15854.955 15872.243 15892.582
135.0	16947.138 16895.275 16856.631 16824.090 16795.616 16771.209 16751.888 16771.209 16795.616 16824.090
137.5	17907.120 17854.240 17810.512 17772.885 17740.344 17712.886 17690.514 17712.886 17740.344 17772.885
140.0	18856.933 18799.985 18751.172 18714.562 18685.072 18660.665 18642.360 18660.665 18685.072 18714.562
142.5	19777.254 19717.255 19662.341 19623.698 19590.139 19562.682 19541.327 19562.682 19590.139 19623.698
145.0	20640.628 20586.731 20537.918 20500.292 20472.834 20451.479 20434.191 20451.479 20472.834 20500.292
147.5	21448.070 21393.156 21342.310 21296.548 21270.108 21248.752 21232.481 21248.752 21270.108 21296.548
150.0	22243.310 22183.311 22127.380 22076.533 22038.907 22017.551 22001.280 22017.551 22038.907 22076.533
152.5	23041.600 22980.584 22917.534 22858.552 22804.655 22778.215 22764.995 22778.215 22804.655 22858.552
155.0	23790.060 23765.654 23721.926 23665.995 23612.097 23557.183 23553.115 23557.183 23612.097 23665.995
157.5	24405.303 24364.625 24323.948 24288.356 24259.882 24242.594 24235.475 24242.594 24259.882 24288.356
160.0	25014.444 24978.851 24940.208 24902.581 24863.938 24832.413 24833.430 24832.413 24863.938 24902.581
162.5	25507.655 25476.130 25445.622 25418.165 25412.063 25412.063 25411.046 25412.063 25412.063 25418.165
165.0	25930.698 25911.376 25900.190 25901.207 25880.868 25874.767 25870.699 25874.767 25880.868 25901.207
167.5	26285.606 26278.488 26281.539 26261.200 26256.115 26252.048 26250.014 26252.048 26256.115 26261.200
170.0	26559.160 26564.245 26548.991 26545.940 26543.906 26541.873 26541.873 26541.873 26543.906 26545.940
172.5	26740.174 26738.140 26736.106 26734.072 26733.055 26732.038 26732.038 26732.038 26733.055 26734.072
175.0	26878.476 26877.459 26876.443 26875.426 26875.426 26874.409 26874.409 26874.409 26875.426 26875.426
177.5	26959.831 26958.814 26958.814 26957.797 26957.797 26957.797 26957.797 26957.797 26957.797 26957.797
180.0	26986.271 26986.271 26986.271 26986.271 26986.271 26986.271 26986.271 26986.271 26986.271 26986.271

Vert. Horizontal Angles
Angles

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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PHOTOMETRIC FILENAME : SXS2-8-S-LED-HO-40.IES

CANDELA TABULATION - (Cont.)

65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	108.812	99.659	88.473	75.253	59.999	43.728	25.423	5.085	0.000	0.000
75.0	193.217	189.149	183.047	175.929	167.793	159.658	150.506	139.319	121.015	96.608
77.5	276.605	272.537	266.436	259.317	249.148	237.962	226.775	209.488	194.234	182.030
80.0	568.464	549.142	524.736	495.245	460.669	422.026	388.467	350.841	326.435	311.181
82.5	938.626	914.220	884.729	850.153	811.510	768.799	728.122	682.360	636.598	588.802
85.0	1323.026	1296.586	1265.061	1227.434	1184.723	1139.979	1098.284	1047.438	992.524	936.593
87.5	1726.747	1699.290	1665.731	1625.054	1579.292	1538.615	1505.056	1456.244	1400.313	1341.331
90.0	2223.009	2194.535	2154.875	2103.011	2038.945	2013.521	1974.878	1938.269	1874.202	1805.051
92.5	2945.029	2907.403	2858.590	2797.574	2724.355	2680.627	2647.069	2598.256	2552.494	2494.529
95.0	3755.522	3723.998	3676.202	3613.152	3533.832	3490.104	3448.410	3393.495	3336.547	3266.379
97.5	4597.540	4557.880	4506.017	4442.967	4368.731	4343.308	4308.732	4262.970	4194.836	4112.465
100.0	5468.033	5431.423	5377.526	5307.358	5227.020	5188.377	5135.496	5070.413	5008.380	4937.195
102.5	6329.372	6288.695	6233.781	6166.663	6105.648	6078.191	6035.479	5977.514	5896.160	5801.586
105.0	7126.645	7086.985	7034.105	6968.004	6924.276	6912.073	6884.616	6839.871	6771.737	6686.315
107.5	7922.902	7885.275	7832.395	7765.277	7731.719	7720.532	7699.177	7668.669	7616.806	7553.756
110.0	8745.598	8702.887	8662.210	8609.329	8593.058	8585.940	8570.686	8547.297	8517.806	8481.196
112.5	9694.394	9660.835	9608.971	9544.905	9518.465	9489.991	9454.398	9414.738	9361.857	9301.859
115.0	10473.362	10440.820	10389.974	10337.093	10319.805	10295.399	10265.908	10236.417	10189.638	10143.877
117.5	11171.993	11151.654	11101.825	11080.469	11084.537	11084.537	11083.520	11087.588	11079.452	11069.283
120.0	12030.282	12017.062	11992.655	11975.367	11971.300	11968.249	11965.198	11969.266	11965.198	11960.114
122.5	12878.401	12870.266	12853.995	12841.792	12824.504	12813.318	12803.148	12799.081	12798.064	12805.182
125.0	13646.183	13639.065	13642.116	13617.709	13608.557	13600.422	13593.303	13589.235	13603.472	13621.777
127.5	14346.848	14339.730	14335.662	14334.645	14343.797	14345.831	14364.136	14385.492	14437.355	14493.286
130.0	15061.750	15068.869	15084.122	15106.495	15129.884	15161.409	15214.289	15271.238	15352.592	15452.251
132.5	15915.971	15943.428	15981.055	16025.800	16072.578	16146.814	16188.508	16266.812	16353.251	16478.333
135.0	16856.631	16895.275	16947.138	17003.069	17064.085	17133.236	17208.489	17285.776	17361.029	17481.026
137.5	17810.512	17854.240	17907.120	17963.051	18021.016	18084.066	18185.759	18232.538	18317.960	18443.042
140.0	18751.172	18799.985	18856.933	18917.948	18982.015	19053.200	19134.555	19220.994	19305.399	19409.126
142.5	19662.341	19717.255	19777.254	19840.304	19904.371	19974.539	20049.792	20125.044	20201.314	20281.652
145.0	20537.918	20586.731	20640.628	20696.559	20756.558	20821.641	20894.860	20957.910	21032.146	21119.602
147.5	21342.310	21393.156	21448.070	21505.018	21569.085	21637.219	21707.387	21780.606	21858.910	21922.977
150.0	22127.380	22183.311	22243.310	22305.342	22372.460	22444.662	22517.881	22575.846	22638.895	22712.114
152.5	22917.534	22980.584	23041.600	23106.683	23173.800	23232.195	23292.443	23353.425	23392.440	23460.575
155.0	23721.926	23765.654	23790.060	23823.619	23857.177	23898.872	23943.616	23989.378	24057.513	24122.596
157.5	24323.948	24364.625	24405.303	24449.031	24494.793	24540.554	24590.384	24640.214	24691.060	24746.991
160.0	24940.208	24978.851	25014.444	25052.070	25090.713	25127.323	25166.983	25207.660	25247.321	25290.032
162.5	25445.622	25476.130	25507.655	25537.146	25566.637	25597.145	25630.703	25661.211	25693.753	25729.346
165.0	25900.190	25911.376	25930.698	25952.053	25975.443	25996.798	26019.171	26042.560	26066.966	26091.373
167.5	26281.539	26278.488	26285.606	26294.759	26304.928	26318.148	26335.436	26345.605	26359.842	26374.079
170.0	26548.991	26564.245	26559.160	26561.194	26564.245	26569.330	26574.414	26580.516	26586.618	26591.702
172.5	26736.106	26738.140	26740.174	26747.292	26746.276	26749.326	26752.377	26755.428	26759.496	26763.563
175.0	26876.443	26877.459	26878.476	26879.493	26888.646	26883.561	26883.561	26884.578	26886.612	26888.646
177.5	26958.814	26958.814	26959.831	26959.831	26960.848	26960.848	26961.865	26970.000	26966.949	26963.899
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

**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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	71.185	44.745	17.288	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	168.810	155.590	141.353	119.998	88.473	55.931	23.389	0.000	0.000	0.000
80.0	287.791	258.300	220.674	190.166	173.895	160.675	144.404	117.964	81.354	44.745
82.5	538.973	485.076	428.128	380.332	338.638	292.876	244.063	208.471	189.149	163.726
85.0	877.611	814.561	747.444	682.360	619.310	555.244	479.991	413.891	359.993	304.062
87.5	1272.179	1193.876	1106.420	1025.065	964.050	905.068	828.798	748.460	664.055	569.481
90.0	1715.561	1604.716	1490.819	1416.583	1350.483	1267.095	1182.690	1092.183	981.337	858.289
92.5	2417.243	2321.651	2205.721	2091.825	2013.521	1914.879	1796.915	1707.425	1606.749	1486.752
95.0	3181.974	3083.332	2969.436	2862.658	2770.117	2662.323	2549.443	2422.327	2280.974	2119.282
97.5	4020.941	3918.231	3818.572	3699.591	3594.847	3484.002	3365.021	3236.888	3095.535	2939.945
100.0	4855.841	4763.300	4658.556	4552.796	4442.967	4322.969	4196.870	4066.703	3931.451	3791.115
102.5	5695.825	5578.878	5461.931	5373.458	5274.816	5166.004	5041.939	4902.619	4781.605	4695.166
105.0	6585.639	6469.709	6346.660	6225.645	6117.851	6023.276	5932.770	5838.195	5730.400	5609.386
107.5	7490.706	7413.420	7308.676	7197.830	7085.968	6964.953	6843.939	6725.975	6621.231	6545.978
110.0	8427.299	8364.249	8239.167	8098.830	7960.528	7858.835	7764.260	7681.889	7610.704	7564.942
112.5	9247.961	9177.793	9080.168	8987.627	8900.171	8844.240	8757.801	8691.701	8638.820	8603.228
115.0	10115.403	10067.607	9996.422	9923.203	9853.035	9791.002	9733.037	9696.427	9684.224	9643.547
117.5	11055.046	11002.165	10937.082	10869.965	10806.915	10746.916	10706.239	10689.968	10716.408	10712.340
120.0	11948.927	11895.030	11847.234	11804.523	11768.931	11750.626	11738.423	11767.914	11836.048	11898.081
122.5	12786.878	12774.674	12763.488	12764.505	12779.759	12801.115	12849.927	12928.231	13012.636	13116.363
125.0	13636.014	13667.539	13708.216	13767.198	13837.366	13908.551	13994.990	14097.700	14197.360	14320.408
127.5	14555.319	14623.453	14709.892	14812.602	14924.464	15032.259	15174.629	15260.051	15366.829	15491.911
130.0	15556.995	15661.739	15770.550	15893.599	16020.715	16144.780	16265.795	16379.691	16480.367	16590.196
132.5	16606.467	16731.549	16868.835	16967.477	17080.356	17188.151	17301.030	17413.909	17545.093	17681.362
135.0	17606.109	17725.090	17843.054	17974.237	18103.388	18227.453	18359.654	18493.889	18631.174	18788.798
137.5	18588.463	18727.783	18875.237	19023.709	19191.376	19360.541	19520.821	19681.966	19841.324	19980.678
140.0	19542.344	19678.612	19819.965	19952.166	20081.316	20216.568	20347.752	20480.970	20655.882	20748.422
142.5	20409.785	20539.952	20669.102	20800.286	20938.588	21082.992	21206.041	2121340.276	21469.426	21589.424
145.0	21214.176	21336.208	21463.324	21592.474	21726.709	21860.944	21995.179	22134.498	22266.699	22430.425
147.5	21996.196	22114.159	22234.157	22359.240	22489.407	22619.574	22750.758	22884.992	23016.176	23150.411
150.0	22781.266	22871.772	22980.584	23097.531	23214.478	23347.696	23466.676	23576.505	23687.350	23791.077

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CANDELA TABULATION - (Cont.)

152.5	23525.65823586.67423687.35023783.95823885.65123989.37824097.17324186.66324276.15324365.642
155.0	24214.12024255.81424318.86424403.26924485.64024569.02824656.48424735.80524811.05824884.277
157.5	24799.87224856.82024911.73424965.63125034.78225103.93425165.96625229.01625282.91325331.726
160.0	25333.76025377.48825422.23325460.87625500.53625547.31525595.11125640.87325689.68525725.278
162.5	25763.92125799.51425838.15725872.73325898.15625926.63025957.13825985.61226016.12026048.662
165.0	26114.76226139.16826166.62526192.04926213.40426229.67526247.98026263.23426277.47126295.776
167.5	26389.33326405.60426419.84126434.07826449.33226465.60326477.80626484.92526494.07726504.246
170.0	26597.80426604.92226614.07526623.22726633.39626643.56626652.71826660.85326667.97226675.090
172.5	26768.64826773.73326776.78326780.85126784.91926790.00426795.08826801.19026808.30826820.511
175.0	26889.66326891.69626894.74726896.78126899.83226902.88326905.93426907.96726908.98426910.001
177.5	26963.89926963.89926964.91526964.91526964.91526965.93226965.93226966.94926966.94926967.966
180.0	26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Horizontal Angles
Angles

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	7.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	133.218	94.574	54.914	14.237	0.000	0.000	0.000	0.000	0.000	0.000
85.0	245.080	216.606	181.014	140.336	100.676	59.999	15.254	0.000	0.000	0.000
87.5	476.940	409.823	346.773	282.707	244.063	202.369	152.539	106.778	59.999	10.169
90.0	750.494	632.530	517.617	458.635	392.535	318.299	267.453	211.521	152.539	98.642
92.5	1360.652	1234.553	1088.115	940.660	828.798	710.834	593.887	520.668	437.280	350.841
95.0	1973.861	1834.542	1672.850	1500.989	1342.348	1177.605	1025.065	921.339	839.984	775.918
97.5	2774.185	2588.087	2357.244	2147.756	1973.861	1825.389	1691.155	1570.140	1458.278	1378.957

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CANDELA TABULATION - (Cont.)

100.0	3630.440	3466.714	3251.125	3036.553	2824.015	2624.696	2475.208	2343.007	2248.432	2182.332
102.5	4553.812	4399.239	4191.785	3971.112	3759.590	3586.712	3429.088	3285.701	3214.516	3181.974
105.0	5480.236	5278.884	5093.802	4920.924	4749.063	4617.879	4526.355	4446.018	4401.273	4387.036
107.5	6439.201	6258.187	6108.698	5980.565	5864.635	5779.213	5740.570	5709.045	5691.757	5707.011
110.0	7460.198	7333.082	7222.237	7143.933	7084.951	7044.274	7043.257	7043.257	7047.325	7095.120
112.5	8518.822	8445.604	8377.469	8352.046	8345.944	8348.995	8425.265	8492.382	8551.364	8580.855
115.0	9608.971	9587.616	9572.362	9620.158	9709.647	9777.782	9884.559	9974.049	10015.743	10040.150
117.5	10770.305	10840.474	10903.523	10988.945	11088.605	11189.281	11294.024	11393.684	11419.107	11446.564
120.0	11994.689	12103.501	12215.363	12337.395	12446.206	12544.848	12652.643	12749.251	12816.369	12873.317
122.5	13232.293	13350.257	13470.255	13611.608	13720.419	13849.569	13984.821	14084.480	14188.207	14215.664
125.0	14448.541	14570.573	14696.672	14842.093	14949.888	15074.970	15206.154	15329.203	15450.217	15524.453
127.5	15627.163	15744.110	15867.159	15990.207	16113.256	16248.507	16380.708	16508.841	16614.602	16704.092
130.0	16716.295	16848.496	16992.900	17130.186	17287.810	17398.655	17512.551	17621.363	17721.022	17806.444
132.5	17821.698	17967.119	18109.489	18235.588	18367.789	18491.855	18601.683	18708.461	18795.917	18853.882
135.0	18913.881	19051.166	19178.283	19304.382	19431.498	19544.377	19623.698	19704.035	19771.153	19830.135
137.5	19951.149	20098.604	20213.517	20303.007	20405.717	20478.936	20560.290	20635.543	20700.627	20757.575
140.0	20873.505	21006.723	21110.450	21208.075	21295.531	21375.868	21454.172	21511.120	21567.051	21627.050
142.5	21721.624	21849.758	21975.857	22072.465	22134.498	22205.683	22272.801	22318.562	22364.324	22403.984
145.0	22534.152	22643.980	22754.825	22853.468	22908.382	22961.262	23009.058	23053.803	23100.582	23110.751
147.5	23261.256	23360.916	23456.507	23538.878	23615.148	23650.741	23684.299	23718.875	23734.129	23745.315
150.0	23894.804	23987.344	24065.648	24145.986	24219.205	24269.034	24285.305	24298.525	24315.813	24316.830
152.5	24461.234	24536.487	24605.638	24669.704	24716.483	24772.414	24792.753	24805.973	24819.193	24830.379
155.0	24951.394	25013.427	25068.341	25111.052	25154.780	25192.406	25222.914	25244.270	25261.558	25269.693
157.5	25381.555	25427.317	25473.079	25513.756	25541.213	25567.654	25596.128	25618.500	25625.619	25636.805
160.0	25755.786	25785.327	25819.852	25849.343	25874.767	25894.088	25907.308	25921.545	25939.850	25942.901
162.5	26072.051	26088.322	26106.627	26132.050	26143.236	26159.507	26172.727	26182.896	26190.015	26199.167
165.0	26317.131	26332.385	26342.554	26354.757	26368.994	26379.164	26391.367	26400.519	26408.655	26412.722
167.5	26516.449	26525.602	26534.754	26543.906	26553.059	26562.211	26569.330	26575.431	26582.550	26588.651
170.0	26684.243	26690.344	26695.429	26700.514	26706.615	26712.717	26716.785	26718.818	26719.835	26722.886
172.5	26819.494	26820.511	26822.545	26825.596	26827.630	26831.698	26835.765	26840.850	26842.884	26843.901
175.0	26912.035	26914.069	26917.120	26919.154	26922.204	26923.221	26924.238	26925.255	26927.289	26925.255
177.5	26967.966	26968.983	26968.983	26970.000	26971.017	26972.034	26973.051	26974.068	26978.136	26974.068
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

Vert. Angles	Horizontal Angles									
	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.254	59.999
87.5	0.000	0.000	0.000	0.000	0.000	10.169	59.999	106.778	152.539	202.369
90.0	46.779	0.000	0.000	0.000	46.779	98.642	152.539	211.521	267.453	318.299
92.5	326.435	312.198	297.960	312.198	326.435	350.841	437.280	520.668	593.887	710.834
95.0	746.427	724.054	699.648	724.054	746.427	775.918	839.984	921.339	1025.065	1177.605
97.5	1331.161	1303.704	1279.298	1303.704	1331.161	1378.957	1458.278	1570.140	1691.155	1825.389
100.0	2127.418	2086.740	2077.588	2086.740	2127.418	2182.332	2248.432	2343.007	2475.208	2624.696
102.5	3156.551	3113.840	3109.772	3113.840	3156.551	3181.974	3214.516	3285.701	3429.088	3586.712
105.0	4346.359	4303.648	4300.597	4303.648	4346.359	4387.036	4401.273	4446.018	4526.355	4617.879
107.5	5678.537	5657.182	5662.266	5657.182	5678.537	5707.011	5691.757	5709.045	5740.570	5779.213
110.0	7121.561	7140.882	7145.967	7140.882	7121.561	7095.120	7047.325	7043.257	7043.257	7044.274
112.5	8631.702	8611.363	8612.380	8611.363	8631.702	8580.855	8551.364	8492.382	8425.265	8348.995
115.0	10050.319	10053.370	10054.387	10053.370	10050.319	10040.150	10015.743	99974.049	9884.559	9777.782
117.5	11468.936	11484.190	11493.343	11484.190	11468.936	11446.564	11419.107	11393.684	11294.024	11189.281
120.0	12865.181	12881.452	12918.062	12881.452	12865.181	12873.317	12816.369	12749.251	12652.643	12544.848
122.5	14222.783	14229.901	14236.003	14229.901	14222.783	14215.664	14188.207	14084.480	13984.821	13849.569
125.0	15527.504	15521.402	15519.368	15521.402	15527.504	15524.453	15450.217	15329.203	15206.154	15074.970
127.5	16751.888	16760.023	16756.972	16760.023	16751.888	16704.092	16614.602	16508.841	16380.708	16248.507
130.0	17881.697	17893.900	17891.866	17893.900	17881.697	17806.444	17721.022	17621.363	17512.551	17398.655
132.5	18911.847	18942.355	18941.338	18942.355	18911.847	18853.882	18795.917	18708.461	18601.683	18491.855
135.0	19904.371	19925.726	19936.912	19925.726	19904.371	19830.135	19771.153	19704.035	19623.698	19544.377
137.5	20798.252	20832.828	20856.217	20832.828	20798.252	20757.575	20700.627	20635.543	20560.290	20478.936
140.0	21648.406	21672.812	21715.523	21672.812	21648.406	21627.050	21567.051	21511.120	21454.172	21375.868
142.5	22429.408	22442.628	22448.729	22442.628	22429.408	22403.984	22364.324	22318.562	22272.801	22205.683
145.0	23147.360	23143.293	23141.259	23143.293	23147.360	23110.751	23100.582	23053.803	23009.058	22961.262
147.5	23760.569	23766.671	23764.637	23766.671	23760.569	23745.315	23734.129	23718.875	23684.299	23650.741
150.0	24322.931	24328.016	24331.067	24328.016	24322.931	24316.830	24315.813	24298.525	24285.305	24269.034
152.5	24829.362	24833.430	24840.549	24833.430	24829.362	24830.379	24819.193	24805.973	24792.753	24772.414
155.0	25276.812	25277.829	25274.778	25277.829	25276.812	25269.693	25261.558	25244.270	25222.914	25192.406
157.5	25645.957	25647.991	25645.957	25647.991	25645.957	25636.805	25625.619	25618.500	25596.128	25567.654
160.0	25945.952	25952.053	25960.189	25952.053	25945.952	25942.901	25939.850	25921.545	25907.308	25894.088
162.5	26206.286	26207.303	26206.286	26207.303	26206.286	26199.167	26190.015	26182.896	26172.727	26159.507
165.0	26415.773	26420.858	26421.875	26420.858	26415.773	26412.722	26408.655	26400.519	26391.367	26379.164
167.5	26593.736	26592.719	26592.719	26592.719	26593.736	26588.651	26582.550	26575.431	26569.330	26562.211
170.0	26726.954	26731.022	26734.072	26731.022	26726.954	26722.886	26719.835	26718.818	26716.785	26712.717
172.5	26842.884	26841.867	26841.867	26841.867	26842.884	26843.901	26842.884	26840.850	26835.765	26831.698
175.0	26925.255	26924.238	26924.238	26924.238	26925.255	26925.255	26927.289	26925.255	26924.238	26923.221
177.5	26974.068	26974.068	26973.051	26974.068	26974.068	26974.068	26978.136	26974.068	26973.051	26972.034
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.389	55.931
80.0	0.000	0.000	0.000	0.000	7.119	44.745	81.354	117.964	144.404	160.675
82.5	0.000	14.237	54.914	94.574	133.218	163.726	189.149	208.471	244.063	292.876
85.0	100.676	140.336	181.014	216.606	245.080	304.062	359.993	413.891	479.991	555.244
87.5	244.063	282.707	346.773	409.823	476.940	569.481	664.055	748.460	828.798	905.068
90.0	392.535	458.635	517.617	632.530	750.494	858.289	981.337	1092.183	1182.690	1267.095
92.5	828.798	940.660	1088.115	1234.553	1360.652	1486.752	1606.749	1707.425	1796.915	1914.879
95.0	1342.348	1500.989	1672.850	1834.542	1973.861	2119.282	2280.974	2422.327	2549.443	2662.323
97.5	1973.861	2147.756	2357.244	2588.087	2774.185	2939.945	3095.535	3236.888	3365.021	3484.002
100.0	2824.015	3036.553	3251.125	3466.714	3630.440	3791.115	3931.451	4066.703	4196.870	4322.969
102.5	3759.590	3971.112	4191.785	4399.239	4553.812	4695.166	4781.605	4902.619	5041.939	5166.004
105.0	4749.063	4920.924	5093.802	5278.884	5480.236	5609.386	5730.400	5838.195	5932.770	6023.276
107.5	5864.635	5980.565	6108.698	6258.187	6439.201	6545.978	6621.231	6725.975	6843.939	6964.953
110.0	7084.951	7143.933	7222.237	7333.082	7460.198	7564.942	7610.704	7681.889	7764.260	7858.835
112.5	8345.944	8352.046	8377.469	8445.604	8518.822	8603.228	8638.820	8691.701	8757.801	8844.240
115.0	9709.647	9620.158	9572.362	9587.616	9608.971	9643.547	9684.224	9696.427	9733.037	9791.002
117.5	11088.605	10988.945	10903.523	10840.474	10770.305	10712.340	10716.408	10689.968	10706.239	10746.916
120.0	12446.206	12337.395	12215.363	12103.501	11994.689	11898.081	11836.048	11767.914	11738.423	11750.626
122.5	13720.419	13611.608	13470.255	13350.257	13232.293	13116.363	13012.636	12928.231	12849.927	12801.115
125.0	14949.888	14842.093	14696.672	14570.573	14448.541	14320.408	14197.360	14097.700	13994.990	13908.551
127.5	16113.256	15990.207	15867.159	15744.110	15627.163	15491.911	15366.829	15260.051	15174.629	15032.259
130.0	17287.810	17171.130	16992.900	16848.496	16716.295	16590.196	16480.367	16379.691	16265.795	16144.780

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CANDELA TABULATION - (Cont.)

132.5	18367.78918235.58818109.48917967.11917821.69817681.36217545.09317413.90917301.03017188.151
135.0	19431.49819304.38219178.28319051.16618913.88118788.79818631.17418493.88918359.65418227.453
137.5	20405.71720303.00720213.51720098.60419951.14919802.67819661.32419520.98819390.82119260.654
140.0	21295.53121208.07521110.45021006.72320873.50520748.42220655.88220480.97020347.75220216.568
142.5	22134.49822072.46521975.85721849.75821721.62421589.42421469.42621340.27621206.04121082.992
145.0	22908.38222853.46822754.82522643.98022534.15222430.42522266.69922134.49821995.17921860.944
147.5	23615.14823538.87823456.50723360.91623261.25623150.41123016.17622884.99222750.75822619.574
150.0	24219.20524145.98624065.64823987.34423894.80423791.07723687.35023576.50523466.67623347.696
152.5	24716.48324669.70424605.63824536.48724461.23424365.64224276.15324186.66324097.17323989.378
155.0	25154.78025111.05225068.34125013.42724951.39424884.27724811.05824735.80524656.48424569.028
157.5	25541.21325513.75625473.07925427.31725381.55525331.72625282.91325229.01625165.96625103.934
160.0	25874.76725849.34325819.85225788.32725755.78625725.27825689.68525640.87325595.11125547.315
162.5	26143.23626132.05026106.62726088.32226072.05126048.66226016.12025985.61225957.13825926.630
165.0	26368.99426354.75726342.55426332.38526317.13126295.77626277.47126263.23426247.98026229.675
167.5	26553.05926543.90626534.75426525.60226516.44926504.24626494.07726484.92526477.80626465.603
170.0	26706.61526700.51426695.42926690.34426684.24326675.09026667.97226660.85326652.71826643.566
172.5	26827.63026825.59626822.54526820.51126819.49426820.51126808.30826801.19026795.08826790.004
175.0	26922.20426919.15426917.12026914.06926912.03526910.00126908.98426907.96726905.93426902.883
177.5	26971.01726970.00026968.98326968.98326967.96626967.96626966.94926966.94926965.93226965.932
180.0	26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.085	25.423	43.728
75.0	0.000	0.000	17.288	44.745	71.185	96.608	121.015	139.319	150.506	159.658
77.5	88.473	119.998	141.353	155.590	168.810	182.030	194.234	209.488	226.775	237.962

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CANDELA TABULATION - (Cont.)

80.0	173.895	190.166	220.674	258.300	287.791	311.181	326.435	350.841	388.467	422.026
82.5	338.638	380.332	428.128	485.076	538.973	588.802	636.598	682.360	728.122	768.799
85.0	619.310	682.360	747.444	814.561	877.611	936.593	992.524	1047.438	1098.284	1139.979
87.5	964.050	1025.065	1106.420	1193.876	1272.179	1341.331	1400.313	1456.244	1505.056	1538.615
90.0	1350.483	1416.583	1490.819	1604.716	1715.561	1805.051	1874.202	1938.269	1974.878	2013.521
92.5	2013.521	2091.825	2205.721	2321.651	2417.243	2494.529	2552.494	2598.256	2647.069	2680.627
95.0	2770.117	2862.658	2969.436	3083.332	3181.974	3266.379	3336.547	3393.495	3448.410	3490.104
97.5	3594.847	3699.591	3818.572	3918.231	4020.941	4112.465	4194.836	4262.970	4308.732	4343.308
100.0	4442.967	4552.796	4658.556	4763.300	4855.841	4937.195	5008.380	5070.413	5135.496	5188.377
102.5	5274.816	5373.458	5461.931	5578.878	5695.825	5801.586	5896.160	5977.514	6035.479	6078.191
105.0	6117.851	6225.645	6346.660	6469.709	6585.639	6686.315	6771.737	6839.871	6884.616	6912.073
107.5	7085.968	7197.830	7308.676	7413.420	7490.706	7553.756	7616.806	7668.669	7699.177	7720.532
110.0	7960.528	8098.830	8239.167	8364.249	8427.299	8481.196	8517.806	8547.297	8570.686	8585.940
112.5	8900.171	8987.627	9080.168	9177.793	9247.961	9301.859	9361.857	9414.738	9454.398	9489.991
115.0	9853.035	9923.203	9996.422	10067.607	10115.403	10143.877	10189.638	10236.417	10265.908	10295.399
117.5	10806.915	10869.965	10937.082	11002.165	11055.046	11069.283	11079.452	11087.588	11083.520	11084.537
120.0	11768.931	11804.523	11847.234	11895.030	11948.927	11960.114	11965.198	11969.266	11965.198	11968.249
122.5	12779.759	12764.505	12763.488	12774.674	12786.878	12805.182	12798.064	12799.081	12803.148	12813.318
125.0	13837.366	13767.198	13708.216	13667.539	13636.014	13621.777	13603.472	13589.235	13593.303	13600.422
127.5	14924.464	14812.602	14709.892	14623.453	14555.319	14493.286	14437.355	14385.492	14364.136	14345.831
130.0	16020.715	15893.599	15770.550	15661.739	15556.995	15452.251	15352.592	15271.238	15214.289	15161.409
132.5	17080.356	16967.477	16868.835	16731.549	16606.467	16478.333	16353.251	16266.812	16188.508	16146.814
135.0	18103.388	17974.237	17843.054	17725.090	17606.109	17481.026	17361.029	17285.776	17208.489	17133.236
137.5	19137.605	19023.709	18875.237	18727.783	18588.463	18443.042	18317.960	18232.538	18185.759	18084.066
140.0	20081.316	19952.166	19819.965	19678.612	19542.344	19409.126	19305.399	19220.994	19134.555	19053.200
142.5	20938.588	20800.286	20669.102	20539.952	20409.785	20281.652	20201.314	20125.044	20049.792	19974.539
145.0	21726.709	21592.474	21463.324	21336.208	21214.176	21119.602	21032.146	20957.910	20894.860	20821.641
147.5	22489.407	22359.240	22234.157	22114.159	21996.196	21922.977	21858.910	21780.606	21707.387	21637.219
150.0	23214.478	23097.531	22980.584	22871.772	22781.266	22712.114	22638.895	22575.846	22517.881	22444.662
152.5	23885.651	23783.958	23687.350	23586.674	23525.658	23460.575	23392.440	23331.425	23272.443	23219.562
155.0	24485.640	24403.269	24318.864	24255.814	24214.120	24122.596	24057.513	23989.378	23943.616	23898.872
157.5	25034.782	24965.631	24911.734	24856.820	24799.872	24746.991	24691.060	24640.214	24590.384	24540.554
160.0	25500.536	25460.876	25422.233	25377.488	25333.760	25290.032	25247.321	25207.660	25166.983	25127.323
162.5	25898.156	25872.733	25838.157	25799.514	25763.921	25729.346	25693.753	25661.211	25630.703	25597.145
165.0	26213.404	26192.049	26166.625	26139.168	26114.762	26091.373	26066.966	26042.560	26019.171	25996.798
167.5	26449.332	26434.078	26419.841	26405.604	26389.333	26374.079	26359.842	26345.605	26335.436	26318.148
170.0	26633.396	26623.227	26614.075	26604.922	26597.804	26591.702	26586.618	26580.516	26574.414	26569.330
172.5	26784.919	26780.851	26776.783	26773.733	26768.648	26763.563	26759.496	26755.428	26752.377	26749.326
175.0	26899.832	26896.781	26894.747	26891.696	26889.663	26888.646	26886.612	26884.578	26883.561	26883.561
177.5	26964.915	26964.915	26964.915	26963.899	26963.899	26963.899	26966.949	26970.000	26961.865	26960.848
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

**Vert.
Angles**

Horizontal Angles

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	59.999	75.253	88.473	99.659	108.812	115.930	122.032	125.082	126.099	125.082
75.0	167.793	175.929	183.047	189.149	193.217	198.301	201.352	203.386	204.403	203.386
77.5	249.148	259.317	266.436	272.537	276.605	279.656	280.673	280.673	279.656	280.673
80.0	460.669	495.245	524.736	549.142	568.464	583.718	592.870	597.955	609.141	597.955
82.5	811.510	850.153	884.729	914.220	938.626	956.931	970.151	988.456	987.439	988.456
85.0	1184.723	1227.434	1265.061	1296.586	1323.026	1343.365	1373.872	1373.872	1373.872	1373.872
87.5	1579.292	1625.054	1665.731	1699.290	1726.747	1747.086	1775.560	1773.526	1772.509	1773.526
90.0	2038.945	2103.011	2154.875	2194.535	2223.009	2241.314	2265.720	2250.466	2235.212	2250.466
92.5	2724.355	2797.574	2858.590	2907.403	2945.029	2969.436	3004.011	2985.706	2970.452	2985.706
95.0	3533.832	3613.152	3676.202	3723.998	3755.522	3772.810	3795.183	3764.675	3741.285	3764.675
97.5	4368.731	4442.967	4506.017	4557.880	4597.540	4624.998	4652.455	4640.252	4626.014	4640.252
100.0	5227.020	5307.358	5377.526	5431.423	5468.033	5489.388	5495.490	5486.337	5462.948	5486.337
102.5	6105.648	6166.663	6233.781	6288.695	6329.372	6379.202	6369.032	6365.982	6348.694	6365.982
105.0	6924.276	6968.004	7034.105	7086.985	7126.645	7156.136	7165.289	7163.255	7146.984	7163.255
107.5	7731.719	7765.277	7832.395	7885.275	7922.902	7945.274	7953.409	7947.308	7925.952	7947.308
110.0	8593.058	8609.329	8662.210	8702.887	8745.598	8751.699	8757.801	8748.649	8724.242	8748.649
112.5	9518.465	9544.905	9608.971	9660.835	9694.394	9707.614	9710.664	9701.512	9681.173	9701.512
115.0	10319.805	10337.093	10389.974	10440.820	10473.362	10493.701	10502.853	10500.819	10487.599	10500.819
117.5	11084.537	11080.469	11101.825	11151.654	11171.993	11190.298	11198.433	11196.399	11183.179	11196.399
120.0	11971.300	11975.367	11992.655	12017.062	12030.282	12037.400	12038.417	12033.333	12021.129	12033.333
122.5	12824.504	12841.792	12853.995	12870.266	12878.401	12883.486	12884.503	12880.435	12872.300	12880.435
125.0	13608.557	13617.709	13642.116	13639.065	13646.183	13652.285	13655.336	13656.353	13654.319	13656.353
127.5	14343.797	14334.645	14335.662	14339.730	14346.848	14351.933	14356.001	14358.034	14358.034	14358.034
130.0	15129.884	15106.495	15084.122	15068.869	15061.750	15054.631	15048.530	15043.445	15036.327	15043.445
132.5	16072.578	16025.800	15981.055	15943.428	15915.971	15892.582	15872.243	15854.955	15839.701	15854.955
135.0	17064.085	17003.069	16947.138	16895.275	16856.631	16824.090	16795.616	16771.209	16751.888	16771.209
137.5	18021.016	17963.051	17907.120	17854.240	17810.512	17772.885	17740.344	17712.886	17690.514	17712.886
140.0	18982.015	18917.948	18856.933	18799.985	18751.172	18714.562	18685.072	18660.665	18642.360	18660.665
142.5	19904.371	19840.304	19777.254	19717.255	19662.341	19623.698	19590.139	19562.682	19541.327	19562.682
145.0	20756.558	20696.559	20640.628	20586.731	20537.918	20500.292	20472.834	20451.479	20434.191	20451.479
147.5	21569.085	21505.018	21448.070	21393.156	21342.310	21296.548	21270.108	21248.752	21232.481	21248.752
150.0	22372.460	22305.342	22243.310	22183.311	22127.380	22076.533	22038.907	22017.551	22001.280	22017.551
152.5	23173.800	23106.683	23041.600	22980.584	22917.534	22858.552	22804.655	22778.215	22764.995	22778.215
155.0	23857.177	23823.619	23790.060	23765.654	23721.926	23665.995	23612.097	23557.183	23553.115	23557.183
157.5	24494.793	24449.031	24405.303	24364.625	24323.948	24288.356	24259.882	24242.594	24235.475	24242.594
160.0	25090.713	25052.070	25014.444	24978.851	24940.208	24902.581	24863.938	24832.413	24833.430	24832.413
162.5	25566.637	25537.146	25507.655	25476.130	25445.622	25418.165	25412.063	25411.046	25412.063	25412.063
165.0	25975.443	25952.053	25930.698	25911.376	25900.190	25901.207	25880.868	25874.767	25870.699	25874.767

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CANDELA TABULATION - (Cont.)

167.5 26304.92826294.75926285.60626278.48826281.53926261.20026256.11526252.04826250.01426252.048
170.0 26564.24526561.19426559.16026564.24526548.99126545.94026543.90626541.87326541.87326541.873
172.5 26746.27626747.29226740.17426738.14026736.10626734.07226733.05526732.03826732.03826732.038
175.0 26888.64626879.49326878.47626877.45926876.44326875.42626875.42626874.40926874.40926874.409
177.5 26960.84826959.83126959.83126958.81426958.81426957.79726957.79726957.79726957.79726957.797
180.0 26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Horizontal Angles
Angles

	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	122.032	115.930	108.812	99.659	88.473	75.253	59.999	43.728	25.423	5.085
75.0	201.352	198.301	193.217	189.149	183.047	175.929	167.793	159.658	150.506	139.319
77.5	280.673	279.656	276.605	272.537	266.436	259.317	249.148	237.962	226.775	209.488
80.0	592.870	583.718	568.464	549.142	524.736	495.245	460.669	422.026	388.467	350.841
82.5	970.151	956.931	938.626	914.220	884.729	850.153	811.510	768.799	728.122	682.360
85.0	1373.872	1343.365	1323.026	1296.586	1265.061	1227.434	1184.723	1139.979	1098.284	1047.438
87.5	1775.560	1747.086	1726.747	1699.290	1665.731	1625.054	1579.292	1538.615	1505.056	1456.244
90.0	2265.720	2241.314	2223.009	2194.535	2154.875	2103.011	2038.945	2013.521	1974.878	1938.269
92.5	3004.011	2969.436	2945.029	2907.403	2858.590	2797.574	2724.355	2680.627	2647.069	2598.256
95.0	3795.183	3772.810	3755.522	3723.998	3676.202	3613.152	3533.832	3490.104	3448.410	3393.495
97.5	4652.455	4624.998	4597.540	4557.880	4506.017	4442.967	4368.731	4343.308	4308.732	4262.970
100.0	5495.490	5489.388	5468.033	5431.423	5377.526	5307.358	5227.020	5188.377	5135.496	5070.413
102.5	6369.032	6379.202	6329.372	6288.695	6233.781	6166.663	6105.648	6078.191	6035.479	5977.514
105.0	7165.289	7156.136	7126.645	7086.985	7034.105	6968.004	6924.276	6912.073	6884.616	6839.871
107.5	7953.409	7945.274	7922.902	7885.275	7832.395	7765.277	7731.719	7720.532	7699.177	7668.669
110.0	8757.801	8751.699	8745.598	8702.887	8662.210	8609.329	8593.058	8585.940	8570.686	8547.297
112.5	9710.664	9707.614	9694.394	9660.835	9608.971	9544.905	9518.465	9489.991	9454.398	9414.738

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CANDELA TABULATION - (Cont.)

115.0	10502.85310493.70110473.36210440.82010389.97410337.09310319.80510295.39910265.90810236.417
117.5	11198.43311190.29811171.99311151.65411101.82511080.46911084.53711084.53711083.52011087.588
120.0	12038.41712037.40012030.28212017.06211992.65511975.36711971.30011968.24911965.19811969.266
122.5	12884.50312883.48612878.40112870.26612853.99512841.79212824.50412813.31812803.14812799.081
125.0	13655.33613652.28513646.18313639.06513642.11613617.70913608.55713600.42213593.30313589.235
127.5	14356.00114351.93314346.84814339.73014335.66214334.64514343.79714345.83114364.13614385.492
130.0	15048.53015054.63115061.75015068.86915084.12215106.49515129.88415161.40915214.28915271.238
132.5	15872.24315892.58215915.97115943.42815981.05516025.80016072.57816146.81416188.50816266.812
135.0	16795.61616824.09016856.63116895.27516947.13817003.06917064.08517133.23617208.48917285.776
137.5	17740.34417772.88517810.51217854.24017907.12017963.05118021.01618084.06618185.75918232.538
140.0	18685.07218714.56218751.17218799.98518856.93318917.94818982.01519053.20019134.55519220.994
142.5	19590.13919623.69819662.34119717.25519777.25419840.30419904.37119974.53920049.79220125.044
145.0	20472.83420500.29220537.91820586.73120640.62820696.55920756.55820821.64120894.86020957.910
147.5	21270.10821296.54821342.31021393.15621448.07021505.01821569.08521637.21921707.38721780.606
150.0	22038.90722076.53322127.38022183.31122243.31022305.34222372.46022444.66222517.88122575.846
152.5	22804.65522858.55222917.53422980.58423041.60023106.68323173.80023219.56223272.44323331.425
155.0	23612.09723665.99523721.92623765.65423790.06023823.61923857.17723898.87223943.61623989.378
157.5	24259.88224288.35624323.94824364.62524405.30324449.03124494.79324540.55424590.38424640.214
160.0	24863.93824902.58124940.20824978.85125014.44425052.07025090.71325127.32325166.98325207.660
162.5	25412.06325418.16525445.62225476.13025507.65525537.14625566.63725597.14525630.70325661.211
165.0	25880.86825901.20725900.19025911.37625930.69825952.05325975.44325996.79826019.17126042.560
167.5	26256.11526261.20026281.53926278.48826285.60626294.75926304.92826318.14826335.43626345.605
170.0	26543.90626545.94026548.99126564.24526559.16026561.19426564.24526569.33026574.41426580.516
172.5	26733.05526734.07226736.10626738.14026740.17426747.29226746.27626749.32626752.37726755.428
175.0	26875.42626875.42626876.44326877.45926878.47626879.49326888.64626883.56126883.56126884.578
177.5	26957.79726957.79726958.81426958.81426959.83126959.83126960.84826960.84826961.86526970.000
180.0	26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

Vert. Horizontal Angles
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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	121.015	96.608	71.185	44.745	17.288	0.000	0.000	0.000	0.000	0.000
77.5	194.234	182.030	168.810	155.590	141.353	119.998	88.473	55.931	23.389	0.000
80.0	326.435	311.181	287.791	258.300	220.674	190.166	173.895	160.675	144.404	117.964
82.5	636.598	588.802	538.973	485.076	428.128	380.332	338.638	292.876	244.063	208.471
85.0	992.524	936.593	877.611	814.561	747.444	682.360	619.310	555.244	479.991	413.891
87.5	1400.313	1341.331	1272.179	1193.876	1106.420	1025.065	964.050	905.068	828.798	748.460
90.0	1874.202	1805.051	1715.561	1604.716	1490.819	1416.583	1350.483	1267.095	1182.690	1092.183
92.5	2552.494	2494.529	2417.243	2321.651	2205.721	2091.825	2013.521	1914.879	1796.915	1707.425
95.0	3336.547	3266.379	3181.974	3083.332	2969.436	2862.658	2770.117	2662.323	2549.443	2422.327
97.5	4194.836	4112.465	4020.941	3918.231	3818.572	3699.591	3594.847	3484.002	3365.021	3236.888
100.0	5008.380	4937.195	4855.841	4763.300	4658.556	4552.796	4442.967	4322.969	4196.870	4066.703
102.5	5896.160	5801.586	5695.825	5578.878	5461.931	5373.458	5274.816	5166.004	5041.939	4902.619
105.0	6771.737	6686.315	6585.639	6469.709	6346.660	6225.645	6117.851	6023.276	5932.770	5838.195
107.5	7616.806	7553.756	7490.706	7413.420	7308.676	7197.830	7085.968	6964.953	6843.939	6725.975
110.0	8517.806	8481.196	8427.299	8364.249	8239.167	8098.830	7960.528	7858.835	7764.260	7681.889
112.5	9361.857	9301.859	9247.961	9177.793	9080.168	8987.627	8900.171	8844.240	8757.801	8691.701
115.0	10189.638	10143.877	10115.403	10067.607	9996.422	9923.203	9853.035	9791.002	9733.037	9696.427
117.5	11079.452	11069.283	11055.046	11002.165	10937.082	10869.965	10806.915	10746.916	10706.239	10689.968
120.0	11965.198	11960.114	11948.927	11895.030	11847.234	11804.523	11768.931	11750.626	11738.423	11767.914
122.5	12798.064	12805.182	12786.878	12774.674	12763.488	12764.505	12779.759	12801.115	12849.927	12928.231
125.0	13603.472	13621.777	13636.014	13667.539	13708.216	13767.198	13837.366	13908.551	13994.990	14097.700
127.5	14437.355	14493.286	14555.319	14623.453	14709.892	14812.602	14924.464	15032.259	15174.629	15260.051
130.0	15352.592	15452.251	15556.995	15661.739	15770.550	15893.599	16020.715	16144.780	16265.795	16379.691
132.5	16353.251	16478.333	16606.467	16731.549	16868.835	16967.477	17080.356	17188.151	17301.030	17413.909
135.0	17361.029	17481.026	17606.109	17725.090	17843.054	17974.237	18103.388	18227.453	18359.654	18493.889
137.5	18317.960	18443.042	18588.463	18727.783	18875.237	19023.709	19191.376	19260.654	19390.821	19520.988
140.0	19305.399	19409.126	19542.344	19678.612	19819.965	19952.166	20081.316	20216.568	20347.752	20480.970
142.5	20201.314	20281.652	20409.785	20539.952	20669.102	20800.286	20938.588	21082.992	21206.041	21340.276
145.0	21032.146	21119.602	21214.176	21336.208	21463.324	21592.474	21726.709	21860.944	21995.179	22134.498
147.5	21858.910	21922.972	21996.196	22114.159	22234.157	22359.240	22489.407	22619.574	22750.758	22884.992
150.0	22638.895	22712.114	22781.266	22871.772	22980.584	23097.531	23214.478	23347.696	23466.676	23576.505
152.5	23392.440	23460.575	23525.658	23586.674	23687.350	23783.958	23885.651	23989.378	24097.173	24186.663
155.0	24057.513	24122.596	24214.120	24255.814	24318.864	24403.269	24485.640	24569.028	24656.484	24735.805
157.5	24691.060	24746.991	24799.872	24856.820	24911.734	24965.631	25034.782	25103.934	25165.966	25229.016
160.0	25247.321	25290.032	25333.760	25377.488	25422.233	25460.876	25500.536	25547.315	25595.111	25640.873
162.5	25693.753	25729.346	25763.921	25799.514	25838.157	25872.733	25898.156	25926.630	25957.138	25985.612
165.0	26066.966	26091.373	26114.762	26139.168	26166.625	26192.049	26213.404	26229.675	26247.980	26263.234
167.5	26359.842	26374.079	26389.333	26405.604	26419.841	26434.078	26449.332	26465.603	26477.806	26484.925
170.0	26586.618	26591.702	26597.804	26604.922	26614.075	26623.227	26633.396	26643.566	26652.718	26660.853
172.5	26759.496	26763.563	26768.648	26773.733	26776.783	26780.851	26784.919	26790.004	26795.088	26801.190
175.0	26886.612	26888.646	26889.663	26891.696	26894.747	26896.781	26899.832	26902.883	26905.934	26907.967
177.5	26966.949	26963.899	26963.899	26963.899	26964.915	26964.915	26964.915	26965.932	26965.932	26966.949
180.0	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271	26986.271

Vert. 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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	81.354	44.745	7.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	189.149	163.726	133.218	94.574	54.914	14.237	0.000	0.000	0.000	0.000
85.0	359.993	304.062	245.080	216.606	181.014	140.336	100.676	59.999	15.254	0.000
87.5	664.055	569.481	476.940	409.823	346.773	282.707	244.063	202.369	152.539	106.778
90.0	981.337	858.289	750.494	632.530	517.617	458.635	392.535	318.299	267.453	211.521
92.5	1606.749	1486.752	1360.652	1234.553	1088.115	940.660	828.798	710.834	593.887	520.668
95.0	2280.974	2119.282	1973.861	1834.542	1672.850	1500.989	1342.348	1177.605	1025.065	921.339
97.5	3095.535	2939.945	2774.185	2588.087	2357.244	2147.756	1973.861	1825.389	1691.155	1570.140
100.0	3931.451	3791.115	3630.440	3466.714	3251.125	3036.553	2822.998	2624.696	2475.208	2343.007
102.5	4781.605	4695.166	4553.812	4399.239	4191.785	3971.112	3759.590	3586.712	3429.088	3285.701
105.0	5730.400	5609.386	5480.236	5278.884	5093.802	4920.924	4749.063	4617.879	4526.355	4446.018
107.5	6621.231	6545.978	6439.201	6258.187	6108.698	5980.565	5864.635	5779.213	5740.570	5709.045
110.0	7610.704	7564.942	7460.198	7333.082	7222.237	7143.933	7084.951	7044.274	7043.257	7043.257
112.5	8638.820	8603.228	8518.822	8445.604	8377.469	8352.046	8345.944	8348.995	8425.265	8492.382
115.0	9684.224	9643.547	9608.971	9587.616	9572.362	9620.158	9709.647	9777.782	9884.559	9974.049
117.5	10716.408	10712.340	10770.305	10840.474	10903.523	10988.945	11088.605	11189.281	11294.024	11393.684
120.0	11836.048	11898.081	11994.689	12103.501	12215.363	12337.395	12446.206	12544.848	12652.643	12749.251
122.5	13012.636	13116.363	13232.293	13350.257	13470.255	13611.608	13720.419	13849.569	13984.821	14084.480
125.0	14197.360	14320.408	14448.541	14570.573	14696.672	14842.093	14949.888	15074.970	15206.154	15329.203
127.5	15366.829	15491.911	15627.163	15744.110	15867.159	15990.207	16113.256	16248.507	16380.708	16508.841
130.0	16480.367	16590.196	16716.295	16848.496	16992.900	17130.186	17287.810	17398.655	17512.551	17621.363
132.5	17545.093	17681.362	17821.698	17967.119	18109.489	18235.588	18367.789	18491.855	18601.683	18708.461
135.0	18631.174	18788.798	18913.881	19051.166	19178.283	19304.382	19431.498	19544.377	19623.698	19704.035
137.5	19661.324	19802.678	19951.149	20098.604	20213.517	20303.007	20405.717	20478.936	20560.290	20635.543
140.0	20655.882	20748.422	20873.505	21006.723	21110.450	21208.075	21295.531	21375.868	21454.172	21511.120
142.5	21469.426	21589.424	21721.624	21849.758	21975.857	22072.465	22134.498	22205.683	22272.801	22318.562
145.0	22266.699	22430.425	22534.152	22643.980	22754.825	22853.468	22908.382	22961.262	23009.058	23053.803
147.5	23016.176	23150.411	23261.256	23360.916	23456.507	23538.878	23615.148	23650.741	23684.299	23718.875

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CANDELA TABULATION - (Cont.)

150.0	23687.35023791.07723894.80423987.34424065.64824145.98624219.20524269.03424285.30524298.525
152.5	24276.15324365.64224461.23424536.48724605.63824669.70424716.48324772.41424792.75324805.973
155.0	24811.05824884.27724951.39425013.42725068.34125111.05225154.78025192.40625222.91425244.270
157.5	25282.91325331.72625381.55525427.31725473.07925513.75625541.21325567.65425596.12825618.500
160.0	25689.68525725.27825755.78625788.32725819.85225849.34325874.76725894.08825907.30825921.545
162.5	26016.12026048.66226072.05126088.32226106.62726132.05026143.23626159.50726172.72726182.896
165.0	26277.47126295.77626317.13126332.38526342.55426354.75726368.99426379.16426391.36726400.519
167.5	26494.07726504.24626516.44926525.60226534.75426543.90626553.05926562.21126569.33026575.431
170.0	26667.97226675.09026684.24326690.34426695.42926700.51426706.61526712.71726716.78526718.818
172.5	26808.30826820.51126819.49426820.51126822.54526825.59626827.63026831.69826835.76526840.850
175.0	26908.98426910.00126912.03526914.06926917.12026919.15426922.20426923.22126924.23826925.255
177.5	26966.94926967.96626967.96626968.98326968.98326970.00026971.01726972.03426973.05126974.068
180.0	26986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.27126986.271

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	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
87.5	59.999	10.169	0.000	0.000	0.000
90.0	152.539	98.642	46.779	0.000	0.000
92.5	437.280	350.841	326.435	312.198	297.960
95.0	839.984	775.918	746.427	724.054	699.648

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CANDELA TABULATION - (Cont.)

97.5	1458.278	1378.957	1331.161	1303.704	1279.298
100.0	2248.432	2182.332	2127.418	2086.740	2077.588
102.5	3214.516	3181.974	3156.551	3113.840	3109.772
105.0	4401.273	4387.036	4346.359	4303.648	4300.597
107.5	5691.757	5707.011	5678.537	5657.182	5662.266
110.0	7047.325	7095.120	7121.561	7140.882	7145.967
112.5	8551.364	8580.855	8631.702	8611.363	8612.380
115.0	10015.743	10040.150	10050.319	10053.370	10054.387
117.5	11419.107	11446.564	11468.936	11484.190	11493.343
120.0	12816.369	12873.317	12865.181	12881.452	12918.062
122.5	14188.207	14215.664	14222.783	14229.901	14236.003
125.0	15450.217	15524.453	15527.504	15521.402	15519.368
127.5	16614.602	16704.092	16751.888	16760.023	16756.972
130.0	17721.022	17806.444	17881.697	17893.900	17891.866
132.5	18795.917	18853.882	18911.847	18942.355	18941.338
135.0	19771.153	19830.135	19904.371	19925.726	19936.912
137.5	20700.627	20757.575	20798.252	20832.828	20856.217
140.0	21567.051	21627.050	21648.406	21672.812	21715.523
142.5	22364.324	22403.984	22429.408	22442.628	22448.729
145.0	23100.582	23110.751	23147.360	23143.293	23141.259
147.5	23734.129	23745.315	23760.569	23766.671	23764.637
150.0	24315.813	24316.830	24322.931	24328.016	24331.067
152.5	24819.193	24830.379	24829.362	24833.430	24840.549
155.0	25261.558	25269.693	25276.812	25277.829	25274.778
157.5	25625.619	25636.805	25645.957	25647.991	25645.957
160.0	25939.850	25942.901	25945.952	25952.053	25960.189
162.5	26190.015	26199.167	26206.286	26207.303	26206.286
165.0	26408.655	26412.722	26415.773	26420.858	26421.875
167.5	26582.550	26588.651	26593.736	26592.719	26592.719
170.0	26719.835	26722.886	26726.954	26731.022	26734.072
172.5	26842.884	26843.901	26842.884	26841.867	26841.867
175.0	26927.289	26925.255	26925.255	26924.238	26924.238
177.5	26978.136	26974.068	26974.068	26974.068	26973.051
180.0	26986.271	26986.271	26986.271	26986.271	26986.271

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	85.55	N.A.	0.10
0-90	827.54	N.A.	1.00
10-90	827.54	N.A.	1.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	85.55	N.A.	0.10
70-80	85.55	N.A.	0.10
80-90	741.98	N.A.	0.90
90-110	9112.66	N.A.	11.20
90-120	19046.75	N.A.	23.40
90-130	31752.69	N.A.	39.00
90-150	59428.92	N.A.	72.90
90-180	80659.64	N.A.	99.00
110-180	71546.97	N.A.	87.80
0-180	81487.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	85.55
80-90	741.98
90-100	2807.75
100-110	6304.91
110-120	9934.09
120-130	12705.93
130-140	14050.77
140-150	13625.47
150-160	11280.99
160-170	7390.43
170-180	2559.3

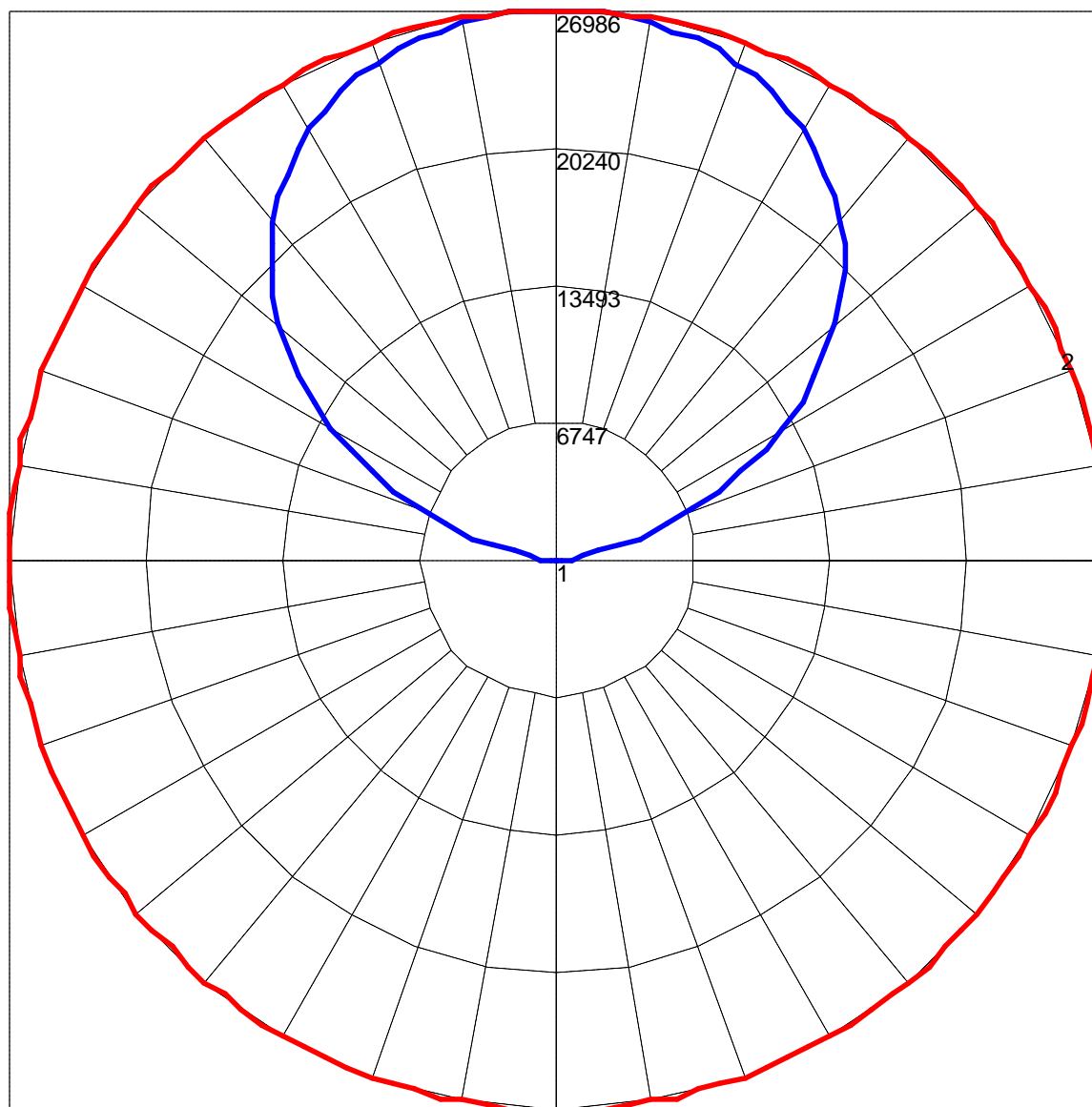
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SXS2-8-S-LED-HO-40.IES

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	95	95	95	95	82	82	82	82	56	56	56	33	33	33	11	11	11	1
1	86	82	79	75	74	71	68	65	48	47	45	28	27	26	9	9	9	0
2	79	72	66	61	67	61	57	53	42	39	37	24	23	22	8	8	7	0
3	72	63	56	51	61	54	48	44	37	34	31	22	20	18	7	6	6	0
4	65	55	48	43	56	48	42	37	33	29	26	19	17	15	6	6	5	0
5	60	49	42	36	51	42	36	31	29	25	22	17	15	13	6	5	4	0
6	55	44	36	31	47	38	31	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	16	14	11	10	5	4	3	0
8	46	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 26986.271 Located At Horizontal Angle = 0, Vertical Angle = 180
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (180) (Through Max. Cd.)