



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SXS2-6-S-LED-HO-50.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-7118
[TESTLAB] LSI INDUSTRIES, INC
[ISSUE DATE] 3/16/2016
[MANUFAC] LSI INDUSTRIES, INC
[LUMCAT] SXS2-6-S-LED-HO-50
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[OTHER] SCALED FROM ORIGINAL TEST DATA
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	64023
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	583
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	512
85	0	4637	11048

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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	8.132
85.0	0.000	0.000	0.000	0.000	0.000	0.000	8.132	31.513	54.893	81.323
87.5	0.000	0.000	0.000	5.083	28.463	52.860	81.323	120.968	157.564	191.110
90.0	0.000	0.000	20.331	45.744	71.158	117.919	162.646	203.308	267.350	323.260
92.5	131.134	156.547	183.994	215.506	288.697	359.855	422.881	519.452	619.073	713.611
95.0	417.798	442.195	474.724	516.402	588.577	672.950	766.471	891.506	1027.722	1161.905
97.5	886.423	905.737	932.167	980.961	1053.135	1148.690	1261.526	1396.726	1560.389	1741.333
100.0	1526.843	1532.942	1560.389	1605.117	1666.109	1766.747	1907.029	2055.444	2207.925	2371.588
102.5	2331.943	2332.959	2370.571	2407.167	2460.027	2518.986	2630.806	2749.741	2903.238	3084.183
105.0	3309.854	3305.788	3320.020	3348.483	3363.731	3409.475	3487.749	3573.138	3699.189	3861.836
107.5	4394.503	4395.519	4404.668	4413.817	4399.585	4424.999	4470.743	4522.587	4612.042	4717.762
110.0	5529.978	5525.912	5537.094	5549.292	5558.441	5560.474	5561.491	5550.309	5588.937	5638.748
112.5	6726.446	6724.412	6742.710	6707.131	6704.082	6717.297	6709.164	6663.420	6629.874	6610.560
115.0	7924.946	7923.930	7920.880	7907.665	7883.268	7853.788	7787.713	7711.473	7679.960	7618.968
117.5	9085.835	9076.686	9067.537	9058.388	9037.041	9012.644	8919.122	8822.551	8725.980	8620.260
120.0	10197.930	10170.483	10163.367	10177.599	10136.937	10086.110	10000.721	9888.902	9791.314	9694.742
122.5	11220.569	11215.486	11209.387	11203.288	11177.874	11103.667	11024.377	10910.524	10791.589	10680.786
125.0	12201.530	12198.481	12191.365	12181.199	12135.455	12069.380	11991.106	11896.568	11794.914	11697.326
127.5	13106.251	13108.284	13112.350	13075.755	13017.812	12955.803	12887.695	12818.570	12746.396	12652.874
130.0	13943.880	13944.896	13937.781	13898.136	13850.358	13785.300	13718.208	13653.149	13600.289	13513.883
132.5	14726.616	14728.649	14714.417	14681.888	14645.293	14590.399	14523.308	14453.166	14378.959	14309.834

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CANDELA TABULATION - (Cont.)

135.0	15459.54115457.50815458.52515423.96215399.56515358.90415308.07715255.21715182.02615091.554
137.5	16143.67316134.52416124.35816113.17616093.86216070.48216037.95215995.25815942.39815857.008
140.0	16786.12616759.69616755.63016756.64616733.26616713.95216693.62116652.95916609.24816559.437
142.5	17340.14017339.12417336.07417330.99117315.74317297.44517278.13117245.60217210.02317182.576
145.0	17870.77417872.80717875.85717855.52617857.55917830.11217806.73217781.31917752.85517724.392
147.5	18357.69718358.71318352.61418337.36618324.15118308.90318288.57218271.29118255.02618223.513
150.0	18803.95818800.90818792.77618783.62718775.49518755.16418738.89918722.63518707.38718685.023
152.5	19210.57419204.47519197.35919193.29319180.07819164.83019153.64819149.58119124.16819111.969
155.0	19569.41319570.42919566.36319557.21419547.04919533.83419520.61919507.40419491.13919474.874
157.5	19884.54019886.57319881.49019869.29219858.11019850.99419835.74619818.46519805.25019793.051
160.0	20141.72520134.60920128.51020123.42720119.36120105.12920092.93120084.79820071.58320055.319
162.5	20326.73520327.75120327.75120322.66920316.56920311.48720305.38820296.23920283.02420275.908
165.0	20486.33220485.31520482.26520480.23220477.18320471.08420463.96820455.83520447.70320436.521
167.5	20606.28320606.28320607.30020603.23420599.16820592.05220586.96920581.88620573.75420566.638
170.0	20697.77220694.72220691.67320688.62320685.57320684.55720682.52420679.47420674.39220668.292
172.5	20766.89720766.89720767.91320768.93020767.91320764.86420760.79720757.74820754.69820751.649
175.0	20826.87320826.87320826.87320827.88920828.90620827.88920826.87320826.87320825.85620823.823
177.5	20864.48520864.48520864.48520865.50120867.53420865.50120864.48520863.46820863.46820863.468
180.0	20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

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	15.248	38.629	62.009	83.356
80.0	0.000	0.000	4.066	27.447	51.844	77.257	97.588	113.852	127.068	140.283

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CANDELA TABULATION - (Cont.)

82.5	31.513	55.910	81.323	107.753	130.117	148.415	181.961	231.771	281.582	320.210
85.0	114.869	144.349	169.762	222.622	275.482	329.359	392.384	459.476	519.452	574.345
87.5	244.986	299.879	360.872	443.211	526.568	601.792	672.950	739.025	790.868	843.728
90.0	373.070	470.658	573.329	667.867	773.587	868.125	946.399	1019.590	1087.698	1133.442
92.5	837.629	961.647	1070.417	1186.302	1296.089	1382.494	1448.570	1516.678	1572.587	1616.299
95.0	1325.568	1486.182	1618.332	1727.102	1822.656	1906.013	1982.253	2090.006	2200.809	2304.496
97.5	1928.376	2086.957	2196.743	2305.513	2439.696	2569.813	2695.864	2795.485	2876.808	2946.950
100.0	2538.301	2728.393	2867.659	3009.975	3131.960	3243.779	3342.384	3453.187	3576.188	3703.255
102.5	3272.242	3462.335	3612.783	3741.884	3818.124	3931.977	4067.177	4201.360	4332.494	4464.644
105.0	4025.499	4182.046	4343.676	4453.462	4570.364	4689.299	4811.284	4922.087	5006.460	5094.899
107.5	4827.549	4949.534	5090.833	5192.487	5271.777	5369.365	5472.035	5571.656	5661.112	5741.418
110.0	5704.823	5793.262	5891.866	5978.272	6031.132	6091.108	6151.084	6209.027	6284.251	6399.120
112.5	6612.593	6661.387	6717.297	6784.388	6817.934	6858.596	6914.505	6980.581	7035.474	7117.813
115.0	7583.389	7571.190	7562.041	7569.157	7593.554	7618.968	7668.778	7738.919	7799.912	7856.838
117.5	8533.854	8483.027	8430.167	8384.422	8375.273	8364.092	8394.588	8445.415	8502.341	8557.234
120.0	9581.907	9467.037	9349.119	9242.382	9189.522	9139.712	9141.745	9169.191	9196.638	9232.217
122.5	10560.835	10463.247	10370.742	10264.005	10147.103	10044.432	9965.142	9928.547	9927.530	9928.547
125.0	11555.011	11419.811	11280.545	11171.775	11076.220	10998.963	10923.739	10839.367	10766.176	10703.150
127.5	12543.088	12429.235	12310.300	12169.001	12024.652	11889.452	11782.716	11681.062	11606.854	11528.581
130.0	13443.742	13371.568	13280.079	13158.094	13021.878	12892.777	12756.561	12619.328	12490.228	12361.127
132.5	14243.759	14162.436	14083.146	13999.790	13896.102	13796.482	13664.331	13532.181	13411.213	13296.344
135.0	14995.999	14899.428	14816.071	14739.831	14625.978	14516.192	14416.571	14315.934	14221.395	14128.890
137.5	15777.718	15682.163	15575.427	15474.789	15375.168	15280.630	15182.026	15074.272	14961.436	14844.534
140.0	16498.445	16413.056	16310.385	16222.963	16168.070	16049.134	15962.728	15879.372	15799.065	15715.709
142.5	17126.667	17043.310	16961.987	16879.648	16804.424	16729.200	16661.091	16607.215	16540.123	16462.866
145.0	17670.516	17608.507	17542.432	17484.489	17390.967	17322.859	17256.784	17195.791	17129.716	17057.542
147.5	18184.885	18139.141	18089.330	18032.404	17959.213	17886.022	17806.732	17724.392	17654.251	17583.093
150.0	18659.609	18636.229	18598.617	18547.790	18493.913	18427.838	18360.746	18284.506	18199.117	18125.926
152.5	19089.606	19066.225	19042.845	18998.117	18957.455	18917.810	18874.099	18808.024	18740.932	18670.791
155.0	19462.676	19441.328	19416.932	19390.501	19358.989	19328.493	19292.914	19248.186	19204.475	19161.780
157.5	19772.721	19752.390	19734.092	19712.745	19694.447	19674.116	19646.670	19621.256	19591.776	19561.280
160.0	20038.037	20020.756	20002.459	19987.210	19968.913	19946.549	19926.218	19905.887	19885.556	19866.242
162.5	20256.594	20243.379	20232.197	20216.949	20196.618	20178.320	20161.039	20142.741	20125.460	20110.212
165.0	20427.372	20419.240	20408.058	20391.793	20377.562	20365.363	20354.181	20338.933	20325.718	20311.487
167.5	20559.523	20551.390	20542.241	20532.076	20521.911	20512.762	20505.646	20494.464	20481.249	20469.050
170.0	20662.193	20658.127	20651.011	20643.895	20636.780	20630.680	20622.548	20615.432	20605.267	20596.118
172.5	20749.616	20747.582	20745.549	20746.566	20736.400	20731.318	20726.235	20722.169	20717.086	20714.037
175.0	20821.790	20819.757	20817.724	20815.691	20813.658	20812.641	20811.624	20808.575	20806.542	20804.509
177.5	20862.451	20862.451	20862.451	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

**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	4.066	18.298	31.513	43.711	54.893
75.0	12.198	31.513	50.827	69.125	87.422	101.654	111.819	119.952	128.084	134.183
77.5	100.637	112.836	125.034	137.233	148.415	161.630	174.845	182.977	191.110	199.242
80.0	169.762	203.308	229.738	248.036	259.218	279.549	317.160	353.756	394.418	428.980
82.5	359.855	408.649	458.460	508.270	558.080	604.841	646.519	685.148	721.743	756.306
85.0	632.288	690.231	745.124	797.984	848.811	897.605	943.349	982.994	1023.656	1062.284
87.5	911.836	982.994	1048.053	1105.996	1158.856	1209.683	1256.444	1292.022	1332.684	1377.412
90.0	1187.319	1278.807	1368.263	1443.487	1505.496	1564.455	1608.166	1646.795	1671.192	1729.135
92.5	1714.903	1837.904	1936.509	2011.733	2064.593	2097.122	2122.536	2136.767	2166.247	2230.289
95.0	2413.266	2484.424	2546.433	2597.260	2636.905	2674.517	2732.460	2776.171	2818.866	2892.056
97.5	3022.174	3128.910	3234.630	3328.152	3408.459	3473.517	3511.129	3534.510	3547.725	3614.816
100.0	3831.339	3935.027	4021.432	4093.607	4150.533	4192.211	4203.393	4207.459	4202.377	4263.369
102.5	4596.794	4664.902	4709.630	4747.242	4778.755	4806.201	4863.128	4922.087	4981.046	5058.303
105.0	5187.404	5258.562	5325.653	5405.960	5494.399	5590.970	5668.227	5735.319	5792.245	5847.138
107.5	5813.593	5897.965	5997.586	6090.091	6184.630	6274.085	6328.978	6369.640	6398.103	6434.699
110.0	6520.088	6635.973	6728.479	6806.752	6863.678	6905.357	6929.754	6946.018	6955.167	6971.432
112.5	7211.335	7304.857	7363.816	7408.544	7456.321	7495.966	7535.611	7575.256	7612.868	7651.497
115.0	7913.764	7963.575	7986.955	8002.203	8041.848	8089.626	8135.370	8188.230	8241.090	8292.934
117.5	8611.111	8661.938	8702.599	8721.914	8744.278	8767.658	8780.873	8800.187	8822.551	8845.932
120.0	9271.862	9312.523	9355.218	9376.565	9409.095	9442.641	9469.071	9493.468	9514.815	9532.096
122.5	9936.679	9949.894	9970.225	9997.671	10028.168	10056.631	10084.077	10110.507	10133.888	10158.285
125.0	10656.389	10629.959	10620.810	10625.893	10636.059	10647.240	10667.571	10685.869	10702.134	10716.365
127.5	11458.439	11396.431	11343.570	11303.925	11274.446	11252.082	11254.115	11257.165	11270.380	11271.396
130.0	12240.159	12157.819	12088.694	12022.619	11961.627	11912.833	11884.370	11858.956	11846.758	11839.642
132.5	13200.789	13070.672	12957.836	12847.033	12741.313	12671.172	12606.113	12575.617	12530.889	12506.492
135.0	14024.187	13914.400	13808.680	13701.943	13600.289	13537.264	13465.090	13391.899	13326.840	13269.914
137.5	14746.947	14651.392	14555.837	14453.166	14367.777	14325.082	14303.735	14212.246	14151.254	14091.278
140.0	15608.972	15486.988	15358.904	15220.654	15105.785	15017.346	14965.503	14916.709	14867.915	14823.187
142.5	16384.593	16300.220	16214.830	16127.408	16037.952	15941.381	15840.744	15746.205	15659.799	15582.542
145.0	16992.483	16929.458	16871.515	16827.804	16772.911	16698.703	16627.546	16546.222	16469.982	16393.741
147.5	17513.969	17449.927	17382.835	17352.339	17326.925	17284.230	17240.519	17193.758	17145.981	17099.220
150.0	18044.602	17967.345	17904.320	17859.592	17826.046	17795.550	17767.087	17726.425	17685.764	17647.135
152.5	18604.716	18530.509	18475.615	18419.706	18364.813	18317.035	18271.291	18232.662	18201.150	18154.389
155.0	19116.036	19069.275	19032.679	18994.323	18888.331	18824.289	18776.511	18729.750	18686.039	18649.444
157.5	19531.801	19498.255	19453.527	19410.832	19364.071	19320.360	19277.666	19231.921	19190.243	19147.548
160.0	19846.928	19819.481	19792.035	19764.588	19736.125	19710.712	19683.265	19655.818	19630.405	19602.958
162.5	20089.881	20067.517	20046.170	20024.822	20002.459	19981.111	19961.797	19939.433	19919.102	19899.788
165.0	20294.206	20275.908	20257.610	20241.345	20225.081	20206.783	20190.518	20174.254	20160.022	20143.758
167.5	20456.852	20445.670	20431.438	20418.223	20406.025	20394.843	20384.678	20371.463	20362.314	20356.215

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CANDELA TABULATION - (Cont.)

170.0 20586.96920577.82020571.72120567.65520562.57220557.48920551.39020547.32420543.25820540.208
172.5 20710.98720706.92120702.85520698.78920695.73920691.67320689.64020686.59020684.55720685.573
175.0 20802.47620801.45920799.42620798.40920796.37620795.36020794.34320795.36020798.40920791.294
177.5 20861.43520861.43520861.43520861.43520863.46820865.50120859.40220858.38520858.38520858.385
180.0 20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

Vert. Horizontal Angles
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	65.059	73.191	79.290	85.389	89.456	91.489	92.505	91.489	89.456	85.389
75.0	140.283	146.382	150.448	154.514	156.547	158.580	159.597	158.580	156.547	154.514
77.5	205.341	210.424	214.490	217.540	219.573	220.589	220.589	220.589	219.573	217.540
80.0	457.443	480.823	499.121	511.320	518.435	520.469	528.601	520.469	518.435	511.320
82.5	788.835	818.315	843.728	866.092	883.373	906.754	910.820	906.754	883.373	866.092
85.0	1096.847	1127.343	1153.773	1175.120	1204.600	1210.699	1215.782	1210.699	1204.600	1175.120
87.5	1419.090	1456.702	1489.231	1517.694	1552.257	1562.422	1572.587	1562.422	1552.257	1517.694
90.0	1777.929	1817.574	1850.103	1874.500	1903.980	1904.996	1906.013	1904.996	1903.980	1874.500
92.5	2285.182	2331.943	2369.555	2398.018	2434.613	2432.580	2432.580	2432.580	2434.613	2398.018
95.0	2946.950	2985.578	3007.942	3015.058	3024.207	2992.694	2968.297	2992.694	3024.207	3015.058
97.5	3676.825	3731.719	3778.479	3815.075	3853.703	3853.703	3851.670	3853.703	3853.703	3815.075
100.0	4322.328	4371.122	4408.734	4437.197	4454.479	4462.611	4458.545	4462.611	4454.479	4437.197
102.5	5122.345	5163.007	5183.338	5202.652	5170.123	5145.726	5106.081	5145.726	5170.123	5202.652
105.0	5903.048	5953.875	5996.570	6033.165	6041.298	6042.314	6032.149	6042.314	6041.298	6033.165
107.5	6494.674	6549.568	6598.361	6638.007	6663.420	6680.701	6687.817	6680.701	6663.420	6638.007
110.0	7022.259	7062.920	7104.598	7125.946	7144.243	7152.376	7149.326	7152.376	7144.243	7125.946
112.5	7701.307	7736.886	7755.184	7763.316	7762.300	7752.134	7731.804	7752.134	7762.300	7763.316
115.0	8335.628	8371.207	8389.505	8398.654	8400.687	8393.571	8378.323	8393.571	8400.687	8398.654

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CANDELA TABULATION - (Cont.)

117.5	8864.229	8904.891	8920.139	8935.387	8943.519	8945.552	8941.486	8945.552	8943.519	8935.387
120.0	9544.295	9553.443	9556.493	9557.510	9557.510	9554.460	9549.377	9554.460	9557.510	9557.510
122.5	10169.467	10180.649	10187.764	10191.831	10194.880	10194.880	10194.880	10194.880	10194.880	10191.831
125.0	10739.746	10740.762	10747.878	10754.994	10759.060	10763.126	10764.143	10763.126	10759.060	10754.994
127.5	11279.528	11284.611	11290.710	11295.793	11299.859	11303.925	11305.958	11303.925	11299.859	11295.793
130.0	11833.543	11829.477	11829.477	11830.493	11831.510	11832.526	11833.543	11832.526	11831.510	11830.493
132.5	12483.112	12461.764	12448.549	12438.384	12431.268	12427.202	12424.152	12427.202	12431.268	12438.384
135.0	13218.070	13170.293	13139.797	13116.416	13097.102	13082.870	13070.672	13082.870	13097.102	13116.416
137.5	14032.319	13975.393	13931.681	13897.119	13868.656	13845.275	13827.994	13845.275	13868.656	13897.119
140.0	14779.476	14738.814	14707.301	14691.037	14677.822	14669.689	14664.607	14669.689	14677.822	14691.037
142.5	15512.401	15450.392	15396.516	15367.036	15345.689	15329.424	15318.242	15329.424	15345.689	15367.036
145.0	16319.534	16247.360	16180.268	16128.424	16091.829	16062.349	16041.002	16062.349	16091.829	16128.424
147.5	17054.492	17007.732	16966.053	16928.441	16915.226	16907.094	16904.044	16907.094	16915.226	16928.441
150.0	17612.573	17579.027	17548.531	17521.084	17508.886	17512.952	17521.084	17512.952	17508.886	17521.084
152.5	18109.661	18067.983	18026.305	17989.709	17956.163	17952.097	17958.197	17952.097	17956.163	17989.709
155.0	18615.898	18590.484	18547.790	18497.979	18448.169	18400.391	18408.524	18400.391	18448.169	18497.979
157.5	19106.887	19069.275	19031.663	18998.117	18970.670	18950.340	18938.141	18950.340	18970.670	18998.117
160.0	19576.528	19550.098	19521.635	19493.172	19463.692	19441.328	19455.560	19441.328	19463.692	19493.172
162.5	19880.474	19860.143	19839.812	19820.498	19822.531	19829.647	19836.763	19829.647	19822.531	19820.498
165.0	20128.510	20115.295	20113.261	20118.344	20110.212	20111.228	20114.278	20111.228	20110.212	20118.344
167.5	20352.148	20350.115	20354.181	20344.016	20344.016	20344.016	20346.049	20344.016	20344.016	20344.016
170.0	20539.192	20543.258	20533.092	20532.076	20532.076	20532.076	20532.076	20532.076	20532.076	20532.076
172.5	20680.491	20679.474	20678.458	20677.441	20676.425	20676.425	20676.425	20676.425	20676.425	20677.441
175.0	20790.277	20789.261	20788.244	20788.244	20787.227	20787.227	20787.227	20787.227	20787.227	20788.244
177.5	20857.369	20857.369	20857.369	20857.369	20857.369	20857.369	20857.369	20857.369	20857.369	20857.369
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

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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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	79.290	73.191	65.059	54.893	43.711	31.513	18.298	4.066	0.000	0.000
75.0	150.448	146.382	140.283	134.183	128.084	119.952	111.819	101.654	87.422	69.125
77.5	214.490	210.424	205.341	199.242	191.110	182.977	174.845	161.630	148.415	137.233
80.0	499.121	480.823	457.443	428.980	394.418	353.756	317.160	279.549	259.218	248.036
82.5	843.728	818.315	788.835	756.306	721.743	685.148	646.519	604.841	558.080	508.270
85.0	1153.773	1127.343	1096.847	1062.284	1023.656	982.994	943.349	897.605	848.811	797.984
87.5	1489.231	1456.702	1419.090	1377.412	1332.684	1292.022	1256.444	1209.683	1158.856	1105.996
90.0	1850.103	1817.574	1777.929	1729.135	1671.192	1646.795	1608.166	1564.455	1505.496	1443.487
92.5	2369.555	2331.943	2285.182	2230.289	2166.247	2136.767	2122.536	2097.122	2064.593	2011.733
95.0	3007.942	2985.578	2946.950	2892.056	2818.866	2776.171	2732.460	2674.517	2636.905	2597.260
97.5	3778.479	3731.719	3676.825	3614.816	3547.725	3534.510	3511.129	3473.517	3408.459	3328.152
100.0	4408.734	4371.122	4322.328	4263.369	4202.377	4207.459	4203.393	4192.211	4150.533	4093.607
102.5	5183.338	5163.007	5122.345	5058.303	4981.046	4922.087	4863.128	4806.201	4778.755	4747.242
105.0	5996.570	5953.875	5903.048	5847.138	5792.245	5735.319	5668.227	5590.970	5494.399	5405.960
107.5	6598.361	6549.568	6494.674	6434.699	6398.103	6369.640	6328.978	6274.085	6184.630	6090.091
110.0	7104.598	7062.920	7022.259	6971.432	6955.167	6946.018	6929.754	6905.357	6863.678	6806.752
112.5	7755.184	7736.886	7701.307	7651.497	7612.868	7575.256	7535.611	7495.966	7456.321	7408.544
115.0	8389.505	8371.207	8335.628	8292.934	8241.090	8188.230	8135.370	8089.626	8041.848	8002.203
117.5	8920.139	8904.891	8864.229	8845.932	8822.551	8800.187	8780.873	8767.658	8744.278	8721.914
120.0	9556.493	9553.443	9544.295	9532.096	9514.815	9493.468	9469.071	9442.641	9409.095	9376.565
122.5	10187.764	10180.649	10169.467	10158.285	10133.888	10110.507	10084.077	10056.631	10028.168	9997.671
125.0	10747.878	10740.762	10739.746	10717.365	10702.134	10685.869	10667.571	10647.240	10636.059	10625.893
127.5	11290.710	11284.611	11279.528	11271.396	11270.380	11257.165	11254.115	11252.082	11274.446	11303.925
130.0	11829.477	11829.477	11833.543	11839.642	11846.758	11858.956	11884.370	11912.833	11961.627	12022.619
132.5	12448.549	12461.764	12483.112	12506.492	12530.889	12575.617	12606.113	12671.172	12741.313	12847.033
135.0	13139.797	13170.293	13218.070	13269.914	13326.840	13391.899	13465.090	13537.264	13600.289	13701.943
137.5	13931.681	13975.393	14032.319	14091.278	14151.254	14212.246	14303.735	14325.082	14367.777	14453.166
140.0	14707.301	14738.814	14779.476	14823.187	14867.915	14916.709	14965.503	15017.346	15105.785	15220.654
142.5	15396.516	15450.392	15512.401	15582.542	15659.799	15746.205	15840.744	15941.381	16037.952	16127.408
145.0	16180.268	16247.360	16319.534	16393.741	16469.982	16546.222	16627.546	16698.703	16772.911	16827.804
147.5	16966.053	17007.732	17054.492	17099.220	17145.981	17193.758	17240.519	17284.230	17326.925	17352.339
150.0	17548.531	17579.027	17612.573	17647.135	17685.764	17726.425	17767.087	17795.550	17826.046	17859.592
152.5	18026.305	18067.983	18109.661	18154.389	18201.150	18232.662	18271.291	18317.035	18364.813	18419.706
155.0	18547.790	18590.484	18615.898	18649.444	18686.039	18729.750	18776.511	18824.289	18888.331	18949.323
157.5	19031.663	19069.275	19106.887	19147.548	19190.243	19231.921	19277.666	19320.360	19364.071	19410.832
160.0	19521.635	19550.098	19576.528	19602.958	19630.405	19655.818	19683.265	19710.712	19736.125	19764.588
162.5	19839.812	19860.143	19880.474	19899.788	19919.102	19939.433	19961.797	19981.111	20002.459	20024.822
165.0	20113.261	20115.295	20128.510	20143.758	20160.022	20174.254	20190.518	20206.783	20225.081	20241.345
167.5	20354.181	20350.115	20352.148	20356.215	20362.314	20371.463	20384.678	20394.843	20406.025	20418.223
170.0	20533.092	20543.258	20539.192	20540.208	20543.258	20547.324	20551.390	20557.489	20562.572	20567.655
172.5	20678.458	20679.474	20680.491	20685.573	20684.557	20686.590	20689.640	20691.673	20695.739	20698.789
175.0	20788.244	20789.261	20790.277	20791.294	20798.409	20795.360	20794.343	20795.360	20796.376	20798.409
177.5	20857.369	20857.369	20857.369	20858.385	20858.385	20858.385	20859.402	20865.501	20863.468	20861.435
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

Vert. Horizontal Angles

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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PHOTOMETRIC FILENAME : SXS2-6-S-LED-HO-50.IES

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	50.827	31.513	12.198	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	125.034	112.836	100.637	83.356	62.009	38.629	15.248	0.000	0.000	0.000
80.0	229.738	203.308	169.762	140.283	127.068	113.852	97.588	77.257	51.844	27.447
82.5	458.460	408.649	359.855	320.210	281.582	231.771	181.961	148.415	130.117	107.753
85.0	745.124	690.231	632.288	574.345	519.452	459.476	392.384	329.359	275.482	222.622
87.5	1048.053	982.994	911.836	843.728	790.868	739.025	672.950	601.792	526.568	443.211
90.0	1368.263	1278.807	1187.319	1133.442	1087.698	1019.590	946.399	868.125	773.587	667.867
92.5	1936.509	1837.904	1714.903	1616.299	1572.587	1516.678	1448.570	1382.494	1296.089	1186.302
95.0	2546.433	2484.424	2413.266	2304.496	2200.809	2090.006	1982.253	1906.013	1822.656	1727.102
97.5	3234.630	3128.910	3022.174	2946.950	2876.808	2795.485	2695.864	2569.813	2439.696	2305.513
100.0	4021.432	3935.027	3831.339	3703.255	3576.188	3453.187	3342.384	3243.779	3131.960	3009.975
102.5	4709.630	4664.902	4596.794	4464.644	4332.494	4201.360	4067.177	3931.977	3818.124	3741.884
105.0	5325.653	5258.562	5187.404	5094.899	5006.460	4922.087	4811.284	4689.299	4570.364	4453.462
107.5	5997.586	5897.965	5813.593	5741.418	5661.112	5571.656	5472.035	5369.365	5271.777	5192.487
110.0	6728.479	6635.973	6520.088	6399.120	6284.251	6209.027	6151.084	6091.108	6031.132	5978.272
112.5	7363.816	7304.857	7211.335	7117.813	7035.474	6980.581	6914.505	6858.596	6817.934	6784.388
115.0	7986.955	7963.575	7913.764	7856.838	7799.912	7738.919	7668.778	7618.968	7593.554	7569.157
117.5	8702.599	8661.938	8611.111	8557.234	8502.341	8445.415	8394.588	8364.092	8375.273	8384.422
120.0	9355.218	9312.523	9271.862	9232.217	9196.638	9169.191	9141.745	9139.712	9189.522	9242.382
122.5	9970.225	9949.894	9936.679	9928.547	9927.530	9928.547	9965.142	10044.432	10147.103	10264.005
125.0	10620.810	10629.959	10656.389	10703.150	10766.176	10839.367	10923.739	10998.963	11076.220	11171.775
127.5	11343.570	11396.431	11458.439	11528.581	11606.854	11681.062	11782.716	11889.452	12024.652	12169.001
130.0	12088.694	12157.819	12240.159	12361.127	12490.228	12619.328	12756.561	12892.777	13021.878	13158.094
132.5	12957.836	13070.672	13200.789	13296.344	13411.213	13532.181	13664.331	13796.482	13896.102	13999.790
135.0	13808.680	13914.400	14024.187	14128.890	14221.395	14315.934	14416.571	14516.192	14625.978	14739.831
137.5	14555.837	14651.392	14746.947	14844.534	14961.436	15074.272	15182.026	15280.630	15375.168	15474.789
140.0	15358.904	15486.988	15608.972	15715.709	15799.065	15879.372	15962.728	16049.134	16168.070	16222.963
142.5	16214.830	16300.220	16384.593	16462.866	16540.123	16607.215	16661.091	16729.200	16804.424	16879.648
145.0	16871.515	16929.458	16992.483	17057.542	17129.716	17195.791	17256.784	17322.859	17390.967	17484.489
147.5	17382.835	17449.927	17513.969	17583.093	17654.251	17724.392	17806.732	17886.022	17959.213	18032.404
150.0	17904.320	17967.345	18044.602	18125.926	18199.117	18284.506	18360.746	18427.838	18493.913	18547.790

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CANDELA TABULATION - (Cont.)

152.5	18475.61518530.50918604.71618670.79118740.93218808.02418874.09918917.81018957.45518998.117
155.0	19032.67919069.27519116.03619161.78019204.47519248.18619292.91419328.49319358.98919390.501
157.5	19453.52719498.25519531.80119561.28019591.77619621.25619646.67019674.11619694.44719712.745
160.0	19792.03519819.48119846.92819866.24219885.55619905.88719926.21819946.54919968.91319987.210
162.5	20046.17020067.51720089.88120110.21220125.46020142.74120161.03920178.32020196.61820216.949
165.0	20257.61020275.90820294.20620311.48720325.71820338.93320354.18120365.36320377.56220391.793
167.5	20431.43820445.67020456.85220469.05020481.24920494.46420505.64620512.76220521.91120532.076
170.0	20571.72120577.82020586.96920596.11820605.26720615.43220622.54820630.68020636.78020643.895
172.5	20702.85520706.92120710.98720714.03720717.08620722.16920726.23520731.31820736.40020746.566
175.0	20799.42620801.45920802.47620804.50920806.54220808.57520811.62420812.64120813.65820815.691
177.5	20861.43520861.43520861.43520861.43520861.43520861.43520861.43520861.43520861.435
180.0	20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

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	4.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	81.323	55.910	31.513	8.132	0.000	0.000	0.000	0.000	0.000	0.000
85.0	169.762	144.349	114.869	81.323	54.893	31.513	8.132	0.000	0.000	0.000
87.5	360.872	299.879	244.986	191.110	157.564	120.968	81.323	52.860	28.463	5.083
90.0	573.329	470.658	373.070	323.260	267.350	203.308	162.646	117.919	71.158	45.744
92.5	1070.417	961.647	837.629	713.611	619.073	519.452	422.881	359.855	288.697	215.506
95.0	1618.332	1486.182	1325.568	1161.905	1027.722	891.506	766.471	672.950	588.577	516.402
97.5	2196.743	2086.957	1928.376	1741.333	1560.389	1396.726	1261.526	1148.690	1053.135	980.961

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CANDELA TABULATION - (Cont.)

100.0	2867.659	2728.393	2538.301	2371.588	2207.925	2055.444	1907.029	1766.747	1666.109	1605.117
102.5	3612.783	3462.335	3272.242	3084.183	2903.238	2749.741	2630.806	2518.986	2460.027	2407.167
105.0	4343.676	4182.046	4025.499	3861.836	3699.189	3573.138	3487.749	3409.475	3363.731	3348.483
107.5	5090.833	4949.534	4827.549	4717.762	4612.042	4522.587	4470.743	4424.999	4399.585	4413.817
110.0	5891.866	5793.262	5704.823	5638.748	5588.937	5550.309	5561.491	5560.474	5558.441	5549.292
112.5	6717.297	6661.387	6612.593	6610.560	6629.874	6663.420	6709.164	6717.297	6704.082	6707.131
115.0	7562.041	7571.190	7583.389	7618.968	7679.960	7711.473	7787.713	7853.788	7883.268	7907.665
117.5	8430.167	8483.027	8533.854	8620.260	8725.980	8822.551	8919.122	9012.644	9037.041	9058.388
120.0	9349.119	9467.037	9581.907	9694.742	9791.314	9888.902	10000.721	10086.110	10136.937	10177.599
122.5	10370.742	10463.247	10560.835	10680.786	10791.589	10910.524	11024.377	11103.667	11177.874	11203.288
125.0	11280.545	11419.811	11555.011	11697.326	11794.914	11896.568	11991.106	12069.380	12135.455	12181.199
127.5	12310.300	12429.235	12543.088	12652.874	12746.396	12818.570	12887.695	12955.803	13017.812	13075.755
130.0	13280.079	13371.568	13443.742	13513.883	13600.289	13653.149	13718.208	13785.300	13850.358	13898.136
132.5	14083.146	14162.436	14243.759	14309.834	14378.959	14453.166	14523.308	14590.399	14645.293	14681.888
135.0	14816.071	14899.428	14995.999	15091.554	15182.026	15255.217	15308.077	15358.904	15399.565	15423.962
137.5	15575.427	15682.163	15777.718	15857.008	15942.398	15995.258	16037.952	16070.482	16093.862	16113.176
140.0	16310.385	16413.056	16498.445	16559.437	16609.248	16652.959	16693.621	16713.952	16733.266	16756.646
142.5	16961.987	17043.310	17126.667	17182.576	17210.023	17245.602	17278.131	17297.445	17315.743	17330.991
145.0	17542.432	17608.507	17670.516	17724.392	17752.855	17781.319	17806.732	17830.112	17857.559	17855.526
147.5	18089.330	18139.141	18184.885	18223.513	18255.026	18271.291	18288.572	18308.903	18324.151	18337.366
150.0	18598.617	18636.229	18659.609	18685.023	18707.387	18722.635	18738.899	18755.164	18775.495	18783.627
152.5	19042.845	19066.225	19089.606	19111.969	19124.168	19149.581	19153.648	19164.830	19180.078	19193.293
155.0	19416.932	19441.328	19462.676	19474.874	19491.139	19507.404	19520.619	19533.834	19547.049	19557.214
157.5	19734.092	19752.390	19772.721	19793.051	19805.250	19818.465	19835.746	19850.994	19858.110	19869.292
160.0	20002.459	20020.756	20038.037	20055.319	20071.583	20084.798	20092.931	20105.129	20119.361	20123.427
162.5	20232.197	20243.379	20256.594	20275.908	20283.024	20296.239	20305.388	20311.487	20316.569	20322.669
165.0	20408.058	20419.340	20427.372	20436.521	20447.703	20455.835	20463.968	20471.084	20477.183	20480.232
167.5	20542.241	20551.390	20559.523	20566.638	20573.754	20581.886	20586.969	20592.052	20599.168	20603.234
170.0	20651.011	20658.127	20662.193	20668.292	20674.392	20679.474	20682.524	20684.557	20685.573	20688.623
172.5	20745.549	20747.582	20749.616	20751.649	20754.698	20757.748	20760.797	20764.864	20767.913	20768.930
175.0	20817.724	20819.757	20821.790	20823.823	20825.856	20826.873	20826.873	20827.889	20828.906	20827.889
177.5	20862.451	20862.451	20862.451	20863.468	20863.468	20863.468	20864.485	20865.501	20867.534	20865.501
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

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	8.132	31.513
87.5	0.000	0.000	0.000	0.000	0.000	5.083	28.463	52.860	81.323	120.968
90.0	20.331	0.000	0.000	0.000	20.331	45.744	71.158	117.919	162.646	203.308
92.5	183.994	156.547	131.134	156.547	183.994	215.506	288.697	359.855	422.881	519.452
95.0	474.724	442.195	417.798	442.195	474.724	516.402	588.577	672.950	766.471	891.506
97.5	932.167	905.737	886.423	905.737	932.167	980.961	1053.135	1148.690	1261.526	1396.726
100.0	1560.389	1532.942	1526.843	1532.942	1560.389	1605.117	1666.109	1766.747	1907.029	2055.444
102.5	2370.571	2332.959	2331.943	2332.959	2370.571	2407.167	2460.027	2518.986	2630.806	2749.741
105.0	3320.020	3305.788	3309.854	3305.788	3320.020	3348.483	3363.731	3409.475	3487.749	3573.138
107.5	4404.668	4395.519	4394.503	4395.519	4404.668	4413.817	4399.585	4424.999	4470.743	4522.587
110.0	5537.094	5525.912	5529.978	5525.912	5537.094	5549.292	5558.441	5560.474	5561.491	5550.309
112.5	6742.710	6724.412	6726.446	6724.412	6742.710	6707.131	6704.082	6717.297	6709.164	6663.420
115.0	7920.880	7923.930	7924.946	7923.930	7920.880	7907.665	7883.268	7853.788	7787.713	7711.473
117.5	9067.537	9076.686	9085.835	9076.686	9067.537	9058.388	9037.041	9012.644	8919.122	8822.551
120.0	10163.367	10170.483	10197.930	10170.483	10163.367	10177.599	10136.937	10086.110	10000.721	9888.902
122.5	11209.387	11215.486	11220.569	11215.486	11209.387	11203.288	11177.874	11103.667	11024.377	10910.524
125.0	12191.365	12198.481	12201.530	12198.481	12191.365	12181.199	12135.455	12069.380	11991.106	11896.568
127.5	13112.350	13108.284	13106.251	13108.284	13112.350	13075.755	13017.812	12955.803	12887.695	12818.570
130.0	13937.781	13944.896	13943.880	13944.896	13937.781	13898.136	13850.358	13785.300	13718.208	13653.149
132.5	14714.417	14728.649	14726.616	14728.649	14714.417	14681.888	14645.293	14590.399	14523.308	14453.166
135.0	15458.525	15457.508	15459.541	15457.508	15458.525	15423.962	15399.565	15358.904	15308.077	15255.217
137.5	16124.358	16134.524	16143.673	16134.524	16124.358	16113.176	16093.862	16070.482	16037.952	15995.258
140.0	16755.630	16759.696	16786.126	16759.696	16755.630	16756.646	16733.266	16713.952	16693.621	16652.959
142.5	17336.074	17339.124	17340.140	17339.124	17336.074	17330.991	17315.743	17297.445	17278.131	17245.602
145.0	17875.857	17872.807	17870.774	17872.807	17875.857	17855.526	17857.559	17830.112	17806.732	17781.319
147.5	18352.614	18358.713	18357.697	18358.713	18352.614	18337.366	18324.151	18308.903	18288.572	18271.291
150.0	18792.776	18800.908	18803.958	18800.908	18792.776	18783.627	18775.495	18755.164	18738.899	18722.635
152.5	19197.359	19204.475	19210.574	19204.475	19197.359	19193.293	19180.078	19164.830	19153.648	19149.581
155.0	19566.363	19570.429	19569.413	19570.429	19566.363	19557.214	19547.049	19533.834	19520.619	19507.404
157.5	19881.490	19886.573	19884.540	19886.573	19881.490	19869.292	19858.110	19850.994	19835.746	19818.465
160.0	20128.510	20134.609	20141.725	20134.609	20128.510	20123.427	20119.361	20105.129	20092.931	20084.798
162.5	20327.751	20327.751	20326.735	20327.751	20327.751	20322.669	20316.569	20311.487	20305.388	20296.239
165.0	20482.265	20485.315	20486.332	20485.315	20482.265	20480.232	20477.183	20471.084	20463.968	20455.835
167.5	20607.300	20606.283	20606.283	20606.283	20607.300	20603.234	20599.168	20592.052	20586.969	20581.886
170.0	20691.673	20694.722	20697.772	20694.722	20691.673	20688.623	20685.573	20684.557	20682.524	20679.474
172.5	20767.913	20766.897	20766.897	20766.897	20767.913	20768.930	20767.913	20764.864	20760.797	20757.748
175.0	20826.873	20826.873	20826.873	20826.873	20826.873	20827.889	20828.906	20827.889	20826.873	20826.873
177.5	20864.485	20864.485	20864.485	20864.485	20864.485	20865.501	20867.534	20865.501	20864.485	20863.468
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

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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	15.248	38.629
80.0	0.000	0.000	0.000	0.000	4.066	27.447	51.844	77.257	97.588	113.852
82.5	0.000	8.132	31.513	55.910	81.323	107.753	130.117	148.415	181.961	231.771
85.0	54.893	81.323	114.869	144.349	169.762	222.622	275.482	329.359	392.384	459.476
87.5	157.564	191.110	244.986	299.879	360.872	443.211	526.568	601.792	672.950	739.025
90.0	267.350	323.260	373.070	470.658	573.329	667.867	773.587	868.125	946.399	1019.590
92.5	619.073	713.611	837.629	961.647	1070.417	1186.302	1296.089	1382.494	1448.570	1516.678
95.0	1027.722	1161.905	1325.568	1486.182	1618.332	1727.102	1822.656	1906.013	1982.253	2090.006
97.5	1560.389	1741.333	1928.376	2086.957	2196.743	2305.513	2439.696	2569.813	2695.864	2795.485
100.0	2207.925	2371.588	2538.301	2728.393	2867.659	3009.975	3131.960	3243.779	3342.384	3453.187
102.5	2903.238	3084.183	3272.242	3462.335	3612.783	3741.884	3818.124	3931.977	4067.177	4201.360
105.0	3699.189	3861.836	4025.499	4182.046	4343.676	4453.462	4570.364	4689.299	4811.284	4922.087
107.5	4612.042	4717.762	4827.549	4949.534	5090.833	5192.487	5271.777	5369.365	5472.035	5571.656
110.0	5588.937	5638.748	5704.823	5793.262	5891.866	5978.272	6031.132	6091.108	6151.084	6209.027
112.5	6629.874	6610.560	6612.593	6661.387	6717.297	6784.388	6817.934	6858.596	6914.505	6980.581
115.0	7679.960	7618.968	7583.389	7571.190	7562.041	7569.157	7593.554	7618.968	7668.778	7738.919
117.5	8725.980	8620.260	8533.854	8483.027	8430.167	8384.422	8375.273	8364.092	8394.588	8445.415
120.0	9791.314	9694.742	9581.907	9467.037	9349.119	9242.382	9189.522	9139.712	9141.745	9169.191
122.5	10791.589	10680.786	10560.835	10463.247	10370.742	10264.005	10147.103	10044.432	9965.142	9928.547
125.0	11794.914	11697.326	11555.011	11419.811	11280.545	11171.775	11076.220	10998.963	10923.739	10839.367
127.5	12746.396	12652.874	12543.088	12429.235	12310.300	12169.001	12024.652	11889.452	11782.716	11681.062
130.0	13600.289	13513.883	13443.742	13371.568	13280.079	13158.094	13021.878	12892.777	12756.561	12619.328

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CANDELA TABULATION - (Cont.)

132.5	14378.95914309.83414243.75914162.43614083.14613999.79013896.10213796.48213664.33113532.181
135.0	15182.02615091.55414995.99914899.42814816.07114739.83114625.97814516.19214416.57114315.934
137.5	15942.39815857.00815777.71815682.16315575.42715474.78915375.16815280.63015182.02615074.272
140.0	16609.24816559.43716498.44516413.05616310.38516222.96316168.07016049.13415962.72815879.372
142.5	17210.02317182.57617126.66717043.31016961.98716879.64816804.42416729.20016661.09116607.215
145.0	17752.85517724.39217670.51617608.50717542.43217484.48917390.96717322.85917256.78417195.791
147.5	18255.02618223.51318184.88518139.14118089.33018032.40417959.21317886.02217806.73217724.392
150.0	18707.38718685.02318659.60918636.22918598.61718547.79018493.91318427.83818360.74618284.506
152.5	19124.16819111.96919089.60619066.22519042.84518998.11718957.45518917.81018874.09918808.024
155.0	19491.13919474.87419462.67619441.32819416.93219390.50119358.98919328.49319292.91419248.186
157.5	19805.25019793.05119772.72119752.39019734.09219712.74519694.44719674.11619646.67019621.256
160.0	20071.58320055.31920038.03720020.75620002.45919987.21019968.91319946.54919926.21819905.887
162.5	20283.02420275.90820256.59420243.37920232.19720216.94920196.61820178.32020161.03920142.741
165.0	20447.70320436.52120427.37220419.24020408.05820391.79320377.56220365.36320354.18120338.933
167.5	20573.75420566.63820559.52320551.39020542.24120532.07620521.91120512.76220505.64620494.464
170.0	20674.39220668.29220662.19320658.12720651.01120643.89520636.78020630.68020622.54820615.432
172.5	20754.69820751.64920749.61620747.58220745.54920746.56620736.40020731.31820726.23520722.169
175.0	20825.85620823.82320821.79020819.75720817.72420815.69120813.65820812.64120811.62420808.575
177.5	20863.46820863.46820862.45120862.45120862.45120861.43520861.43520861.43520861.435
180.0	20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

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	4.066	18.298	31.513
75.0	0.000	0.000	12.198	31.513	50.827	69.125	87.422	101.654	111.819	119.952
77.5	62.009	83.356	100.637	112.836	125.034	137.233	148.415	161.630	174.845	182.977

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CANDELA TABULATION - (Cont.)

80.0	127.068	140.283	169.762	203.308	229.738	248.036	259.218	279.549	317.160	353.756
82.5	281.582	320.210	359.855	408.649	458.460	508.270	558.080	604.841	646.519	685.148
85.0	519.452	574.345	632.288	690.231	745.124	797.984	848.811	897.605	943.349	982.994
87.5	790.868	843.728	911.836	982.994	1048.053	1105.996	1158.856	1209.683	1256.444	1292.022
90.0	1087.698	1133.442	1187.319	1278.807	1368.263	1443.487	1505.496	1564.455	1608.166	1646.795
92.5	1572.587	1616.299	1714.903	1837.904	1936.509	2011.733	2064.593	2097.122	2122.536	2136.767
95.0	2200.809	2304.496	2413.266	2484.424	2546.433	2597.260	2636.905	2674.517	2732.460	2776.171
97.5	2876.808	2946.950	3022.174	3128.910	3234.630	3328.152	3408.459	3473.517	3511.129	3534.510
100.0	3576.188	3703.255	3831.339	3935.027	4021.432	4093.607	4150.533	4192.211	4203.393	4207.459
102.5	4332.494	4464.644	4596.794	4664.902	4709.630	4747.242	4778.755	4806.201	4863.128	4922.087
105.0	5006.460	5094.899	5187.404	5258.562	5325.653	5405.960	5494.399	5590.970	5668.227	5735.319
107.5	5661.112	5741.418	5813.593	5897.965	5997.586	6090.091	6184.630	6274.085	6328.978	6369.640
110.0	6284.251	6399.120	6520.088	6635.973	6728.479	6806.752	6863.678	6905.357	6929.754	6946.018
112.5	7035.474	7117.813	7211.335	7304.857	7363.816	7408.544	7456.321	7495.966	7535.611	7575.256
115.0	7799.912	7856.838	7913.764	7963.575	7986.955	8002.203	8041.848	8089.626	8135.370	8188.230
117.5	8502.341	8557.234	8611.111	8661.938	8702.599	8721.914	8744.278	8767.658	8780.873	8800.187
120.0	9196.638	9232.217	9271.862	9312.523	9355.218	9376.565	9409.095	9442.641	9469.071	9493.468
122.5	9927.530	9928.547	9936.679	9949.894	9970.225	9997.671	10028.168	10056.631	10084.077	10110.507
125.0	10766.176	10703.150	10656.389	10629.959	10620.810	10625.893	10636.059	10647.240	10667.571	10685.869
127.5	11606.854	11528.581	11458.439	11396.431	11343.570	11303.925	11274.446	11252.082	11254.115	11257.165
130.0	12490.228	12361.127	12240.159	12157.819	12088.694	12022.619	11961.627	11912.833	11884.370	11858.956
132.5	13411.213	13296.344	13200.789	13070.672	12957.836	12847.033	12741.313	12671.172	12606.113	12575.617
135.0	14221.395	14128.890	14024.187	13914.400	13808.680	13701.943	13600.289	13537.264	13465.090	13391.899
137.5	14961.436	14844.534	14746.947	14651.392	14555.837	14453.166	14367.777	14325.082	14303.735	14212.246
140.0	15799.065	15715.709	15608.972	15486.988	15358.904	15220.654	15105.785	15017.346	14965.503	14916.709
142.5	16540.123	16462.866	16384.593	16300.220	16214.830	16127.408	16037.952	15941.381	15840.744	15746.205
145.0	17129.716	17057.542	16992.483	16929.458	16871.515	16827.804	16772.911	16698.703	16627.546	16546.222
147.5	17654.251	17583.093	17513.969	17449.927	17382.835	17352.339	17326.925	17284.230	17240.519	17193.758
150.0	18199.117	18125.926	18044.602	17967.345	17904.320	17859.592	17826.046	17795.550	17767.087	17726.425
152.5	18740.932	18670.791	18604.716	18530.509	18475.615	18419.706	18364.813	18317.035	18271.291	18232.662
155.0	19204.475	19161.780	19116.036	19069.275	19032.679	18949.323	18888.331	18824.289	18776.511	18729.750
157.5	19591.776	19561.280	19531.801	19498.255	19453.527	19410.832	19364.071	19320.360	19277.666	19231.921
160.0	19885.556	19866.242	19846.928	19819.481	19792.035	19764.588	19736.125	19710.712	19683.265	19655.818
162.5	20125.460	20110.212	20089.881	20067.517	20046.170	20024.822	20002.459	19981.111	19961.797	19939.433
165.0	20325.718	20311.487	20294.206	20275.908	20257.610	20241.345	20225.081	20206.783	20190.518	20174.254
167.5	20481.249	20469.050	20456.852	20445.670	20431.438	20418.223	20406.025	20394.843	20384.678	20371.463
170.0	20605.267	20596.118	20586.969	20577.820	20571.721	20567.655	20562.572	20557.489	20551.390	20547.324
172.5	20717.086	20714.037	20710.987	20706.921	20702.855	20698.789	20695.739	20691.673	20689.640	20686.590
175.0	20806.542	20804.509	20802.476	20801.459	20799.426	20798.409	20796.376	20795.360	20794.343	20795.360
177.5	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435	20863.468	20865.501	20859.402	20858.385
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

**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	43.711	54.893	65.059	73.191	79.290	85.389	89.456	91.489	92.505	91.489
75.0	128.084	134.183	140.283	146.382	150.448	154.514	156.547	158.580	159.597	158.580
77.5	191.110	199.242	205.341	210.424	214.490	217.540	219.573	220.589	220.589	220.589
80.0	394.418	428.980	457.443	480.823	499.121	511.320	518.435	520.469	528.601	520.469
82.5	721.743	756.306	788.835	818.315	843.728	866.092	883.373	906.754	910.820	906.754
85.0	1023.656	1062.284	1096.847	1127.343	1153.773	1175.120	1204.600	1210.699	1215.782	1210.699
87.5	1332.684	1377.412	1419.090	1456.702	1489.231	1517.694	1552.257	1562.422	1572.587	1562.422
90.0	1671.192	1729.135	1777.929	1817.574	1850.103	1874.500	1903.980	1904.996	1906.013	1904.996
92.5	2166.247	2230.289	2285.182	2331.943	2369.555	2398.018	2434.613	2432.580	2432.580	2432.580
95.0	2818.866	2892.056	2946.950	2985.578	3007.942	3015.058	3024.207	2992.694	2968.297	2992.694
97.5	3547.725	3614.816	3676.825	3731.719	3778.479	3815.075	3853.703	3853.703	3851.670	3853.703
100.0	4202.377	4263.369	4322.328	4371.122	4408.734	4437.197	4454.479	4462.611	4458.545	4462.611
102.5	4981.046	5058.303	5122.345	5163.007	5183.338	5202.652	5170.123	5145.726	5106.081	5145.726
105.0	5792.245	5847.138	5903.048	5953.875	5996.570	6033.165	6041.298	6042.314	6032.149	6042.314
107.5	6398.103	6434.699	6494.674	6549.568	6598.361	6638.007	6663.420	6680.701	6687.817	6680.701
110.0	6955.167	6971.432	7022.259	7062.920	7104.598	7125.946	7144.243	7152.376	7149.326	7152.376
112.5	7612.868	7651.497	7701.307	7736.886	7755.184	7763.316	7762.300	7752.134	7731.804	7752.134
115.0	8241.090	8292.934	8335.628	8371.207	8389.505	8398.654	8400.687	8393.571	8378.323	8393.571
117.5	8822.551	8845.932	8864.229	8904.891	8920.139	8935.387	8943.519	8945.552	8941.486	8945.552
120.0	9514.815	9532.096	9544.295	9553.443	9556.493	9557.510	9557.510	9554.460	9549.377	9554.460
122.5	10133.888	10158.285	10169.467	10180.649	10187.764	10191.831	10194.880	10194.880	10194.880	10194.880
125.0	10702.134	10716.365	10739.746	10740.762	10747.878	10754.994	10759.060	10763.126	10764.143	10763.126
127.5	11270.380	11271.396	11279.528	11284.611	11290.710	11295.793	11299.859	11303.925	11305.958	11303.925
130.0	11846.758	11839.642	11833.543	11829.477	11829.477	11830.493	11831.510	11832.526	11833.543	11832.526
132.5	12530.889	12506.492	12483.112	12461.764	12448.549	12438.384	12431.268	12427.202	12424.152	12427.202
135.0	13326.840	13269.914	13218.070	13170.293	13139.797	13116.416	13097.102	13082.870	13070.672	13082.870
137.5	14151.254	14091.278	14032.319	13975.393	13931.681	13897.119	13868.656	13845.275	13827.994	13845.275
140.0	14867.915	14823.187	14779.476	14738.814	14707.301	14691.037	14677.822	14669.689	14664.607	14669.689
142.5	15659.799	15582.542	15512.401	15450.392	15396.516	15367.036	15345.689	15329.424	15318.242	15329.424
145.0	16469.982	16393.741	16319.534	16247.360	16180.268	16128.424	16091.829	16062.349	16041.002	16062.349
147.5	17145.981	17099.220	17054.492	17007.732	16966.053	16928.441	16915.226	16907.094	16904.044	16907.094
150.0	17685.764	17647.135	17612.573	17579.027	17548.531	17521.084	17508.886	17512.952	17521.084	17512.952
152.5	18201.150	18154.389	18109.661	18067.983	18026.305	17989.709	17956.163	17952.097	17958.197	17952.097
155.0	18686.039	18649.444	18615.898	18590.484	18547.790	18497.979	18448.169	18400.391	18408.524	18400.391
157.5	19190.243	19147.548	19106.887	19069.275	19031.663	18998.117	18970.670	18950.340	18938.141	18950.340
160.0	19630.405	19602.958	19576.528	19550.098	19521.635	19493.172	19463.692	19441.328	19455.560	19441.328
162.5	19919.102	19899.788	19880.474	19860.143	19839.812	19820.498	19822.531	19829.647	19836.763	19829.647
165.0	20160.022	20143.758	20128.510	20115.295	20113.261	20118.344	20110.212	20111.228	20114.278	20111.228

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CANDELA TABULATION - (Cont.)

167.5 20362.31420356.21520352.14820350.11520354.18120344.01620344.01620344.01620346.04920344.016
170.0 20543.25820540.20820539.19220543.25820533.09220532.07620532.07620532.07620532.07620532.076
172.5 20684.55720685.57320680.49120679.47420678.45820677.44120676.42520676.42520676.42520676.425
175.0 20798.40920791.29420790.27720789.26120788.24420788.24420787.22720787.22720787.22720787.227
177.5 20858.38520858.38520857.36920857.36920857.36920857.36920857.36920857.36920857.36920857.369
180.0 20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

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	89.456	85.389	79.290	73.191	65.059	54.893	43.711	31.513	18.298	4.066
75.0	156.547	154.514	150.448	146.382	140.283	134.183	128.084	119.952	111.819	101.654
77.5	219.573	217.540	214.490	210.424	205.341	199.242	191.110	182.977	174.845	161.630
80.0	518.435	511.320	499.121	480.823	457.443	428.980	394.418	353.756	317.160	279.549
82.5	883.373	866.092	843.728	818.315	788.835	756.306	721.743	685.148	646.519	604.841
85.0	1204.600	1175.120	1153.773	1127.343	1096.847	1062.284	1023.656	982.994	943.349	897.605
87.5	1552.257	1517.694	1489.231	1456.702	1419.090	1377.412	1332.684	1292.022	1256.444	1209.683
90.0	1903.980	1874.500	1850.103	1817.574	1777.929	1729.135	1671.192	1646.795	1608.166	1564.455
92.5	2434.613	2398.018	2369.555	2331.943	2285.182	2230.289	2166.247	2136.767	2122.536	2097.122
95.0	3024.207	3015.058	3007.942	2985.578	2946.950	2892.056	2818.866	2776.171	2732.460	2674.517
97.5	3853.703	3815.075	3778.479	3731.719	3676.825	3614.816	3547.725	3534.510	3511.129	3473.517
100.0	4454.479	4437.197	4408.734	4371.122	4322.328	4263.369	4202.377	4207.459	4203.393	4192.211
102.5	5170.123	5202.652	5183.338	5163.007	5122.345	5058.303	4981.046	4922.087	4863.128	4806.201
105.0	6041.298	6033.165	5996.570	5953.875	5903.048	5847.138	5792.245	5735.319	5668.227	5590.970
107.5	6663.420	6638.007	6598.361	6549.568	6494.674	6434.699	6398.103	6369.640	6328.978	6274.085
110.0	7144.243	7125.946	7104.598	7062.920	7022.259	6971.432	6955.167	6946.018	6929.754	6905.357
112.5	7762.300	7763.316	7755.184	7736.886	7701.307	7651.497	7612.868	7575.256	7535.611	7495.966

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CANDELA TABULATION - (Cont.)

115.0	8400.687	8398.654	8389.505	8371.207	8335.628	8292.934	8241.090	8188.230	8135.370	8089.626
117.5	8943.519	8935.387	8920.139	8904.891	8864.229	8845.932	8822.551	8800.187	8780.873	8767.658
120.0	9557.510	9557.510	9556.493	9553.443	9544.295	9532.096	9514.815	9493.468	9469.071	9442.641
122.5	10194.880	10191.831	10187.764	10180.649	10169.467	10158.285	10133.888	10110.507	10084.077	10056.631
125.0	10759.060	10754.994	10747.878	10740.762	10739.746	10716.365	10702.134	10685.869	10667.571	10647.240
127.5	11299.859	11295.793	11290.710	11284.611	11279.528	11271.396	11270.380	11257.165	11254.115	11252.082
130.0	11831.510	11830.493	11829.477	11829.477	11833.543	11839.642	11846.758	11858.956	11884.370	11912.833
132.5	12431.268	12438.384	12448.549	12461.764	12483.112	12506.492	12530.889	12575.617	12606.113	12671.172
135.0	13097.102	13116.416	13139.797	13170.293	13218.070	13269.914	13326.840	13391.899	13465.090	13537.264
137.5	13868.656	13897.119	13931.681	13975.393	14032.319	14091.278	14151.254	14212.246	14303.735	14325.082
140.0	14677.822	14691.037	14707.301	14738.814	14779.476	14823.187	14867.915	14916.709	14965.503	15017.346
142.5	15345.689	15367.036	15396.516	15450.392	15512.401	15582.542	15659.799	15746.205	15840.744	15941.381
145.0	16091.829	16128.424	16180.268	16247.360	16319.534	16393.741	16469.982	16546.222	16627.546	16698.703
147.5	16915.226	16928.441	16966.053	17007.732	17054.492	17099.220	17145.981	17193.758	17240.519	17284.230
150.0	17508.886	17521.084	17548.531	17579.027	17612.573	17647.135	17685.764	17726.425	17767.087	17795.550
152.5	17956.163	17989.709	18026.305	18067.983	18109.661	18154.389	18201.150	18232.662	18271.291	18317.035
155.0	18448.169	18497.979	18547.790	18590.484	18615.898	18649.444	18686.039	18729.750	18776.511	18824.289
157.5	18970.670	18998.117	19031.663	19069.275	19106.887	19147.548	19190.243	19231.921	19277.666	19320.360
160.0	19463.692	19493.172	19521.635	19550.098	19576.528	19602.958	19630.405	19655.818	19683.265	19710.712
162.5	19822.531	19820.498	19839.812	19860.143	19880.474	19899.788	19919.102	19939.433	19961.797	19981.111
165.0	20110.212	20118.344	20113.261	20115.295	20128.510	20143.758	20160.022	20174.254	20190.518	20206.783
167.5	20344.016	20344.016	20354.181	20350.115	20352.148	20356.215	20362.314	20371.463	20384.678	20394.843
170.0	20532.076	20532.076	20533.092	20543.258	20539.192	20540.208	20543.258	20547.324	20551.390	20557.489
172.5	20676.425	20677.441	20678.458	20679.474	20680.491	20685.573	20684.557	20686.590	20689.640	20691.673
175.0	20787.227	20788.244	20788.244	20789.261	20790.277	20791.294	20798.409	20795.360	20794.343	20795.360
177.5	20857.369	20857.369	20857.369	20857.369	20857.369	20858.385	20858.385	20858.385	20859.402	20865.501
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

Vert. Angles **Horizontal Angles**

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	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	87.422	69.125	50.827	31.513	12.198	0.000	0.000	0.000	0.000	0.000
77.5	148.415	137.233	125.034	112.836	100.637	83.356	62.009	38.629	15.248	0.000
80.0	259.218	248.036	229.738	203.308	169.762	140.283	127.068	113.852	97.588	77.257
82.5	558.080	508.270	458.460	408.649	359.855	320.210	281.582	231.771	181.961	148.415
85.0	848.811	797.984	745.124	690.231	632.288	574.345	519.452	459.476	392.384	329.359
87.5	1158.856	1105.996	1048.053	982.994	911.836	843.728	790.868	739.025	672.950	601.792
90.0	1505.496	1443.487	1368.263	1278.807	1187.319	1133.442	1087.698	1019.590	946.399	868.125
92.5	2064.593	2011.733	1936.509	1837.904	1714.903	1616.299	1572.587	1516.678	1448.570	1382.494
95.0	2636.905	2597.260	2546.433	2484.424	2413.266	2304.496	2200.809	2090.006	1982.253	1906.013
97.5	3408.459	3328.152	3234.630	3128.910	3022.174	2946.950	2876.808	2795.485	2695.864	2569.813
100.0	4150.533	4093.607	4021.432	3935.027	3831.339	3703.255	3576.188	3453.187	3342.384	3243.779
102.5	4778.755	4747.242	4709.630	4664.902	4596.794	4464.644	4332.494	4201.360	4067.177	3931.977
105.0	5494.399	5405.960	5325.653	5258.562	5187.404	5094.899	5006.460	4922.087	4811.284	4689.299
107.5	6184.630	6090.091	5997.586	5897.965	5813.593	5741.418	5661.112	5571.656	5472.035	5369.365
110.0	6863.678	6806.752	6728.479	6635.973	6520.088	6399.120	6284.251	6209.027	6151.084	6091.108
112.5	7456.321	7408.544	7363.816	7304.857	7211.335	7117.813	7035.474	6980.581	6914.505	6858.596
115.0	8041.848	8002.203	7986.955	7963.575	7913.764	7856.838	7799.912	7738.919	7668.778	7618.968
117.5	8744.278	8721.914	8702.599	8661.938	8611.111	8557.234	8502.341	8445.415	8394.588	8364.092
120.0	9409.095	9376.565	9355.218	9312.523	9271.862	9232.217	9196.638	9169.191	9141.745	9139.712
122.5	10028.168	9997.671	9970.225	9949.894	9936.679	9928.547	9927.530	9928.547	9965.142	10044.432
125.0	10636.059	10625.893	10620.810	10629.959	10656.389	10703.150	10766.176	10839.367	10923.739	10998.963
127.5	11274.446	11303.925	11343.570	11396.431	11458.439	11528.581	11606.854	11681.062	11782.716	11889.452
130.0	11961.627	12022.619	12088.694	12157.819	12240.159	12361.127	12490.228	12619.328	12756.561	12892.777
132.5	12741.313	12847.033	12957.836	13070.672	13200.789	13296.344	13411.213	13532.181	13664.331	13796.482
135.0	13600.289	13701.943	13808.680	13914.400	14024.187	14128.890	14221.395	14315.934	14416.571	14516.192
137.5	14367.777	14453.166	14555.837	14651.392	14746.947	14844.534	14961.436	15074.272	15182.026	15280.630
140.0	15105.785	15220.654	15358.904	15486.988	15608.972	15715.709	15799.065	15879.372	15962.728	16049.134
142.5	16037.952	16127.408	16214.830	16300.220	16384.593	16462.866	16540.123	16607.215	16661.091	16729.200
145.0	16772.911	16827.804	16871.515	16929.458	16992.483	17057.542	17129.716	17195.791	17256.784	17322.859
147.5	17326.925	17352.339	17382.835	17449.927	17513.969	17583.093	17654.251	17724.392	17806.732	17886.022
150.0	17826.046	17859.592	17904.320	17967.345	18044.602	18125.926	18199.117	18284.506	18360.746	18427.838
152.5	18364.813	18419.706	18475.615	18530.509	18604.716	18670.791	18740.932	18808.024	18874.099	18917.810
155.0	18888.331	18949.323	19032.679	19069.275	19116.036	19161.780	19204.475	19248.186	19292.914	19328.493
157.5	19364.071	19410.832	19453.527	19498.255	19531.801	19561.280	19591.776	19621.256	19646.670	19674.116
160.0	19736.125	19764.588	19792.035	19819.481	19846.928	19866.242	19885.556	19905.887	19926.218	19946.549
162.5	20002.459	20024.822	20046.170	20067.517	20089.881	20110.212	20125.460	20142.741	20161.039	20178.320
165.0	20225.081	20241.345	20257.610	20275.908	20294.206	20311.487	20325.718	20338.933	20354.181	20365.363
167.5	20406.025	20418.223	20431.438	20445.670	20456.852	20469.050	20481.249	20494.464	20505.646	20512.762
170.0	20562.572	20567.655	20571.721	20577.820	20586.969	20596.118	20605.267	20615.432	20622.548	20630.680
172.5	20695.739	20698.789	20702.855	20706.921	20710.987	20714.037	20717.086	20722.169	20726.235	20731.318
175.0	20796.376	20798.409	20799.426	20801.459	20802.476	20804.509	20806.542	20808.575	20811.624	20812.641
177.5	20863.468	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435	20861.435
180.0	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716	20878.716

Vert. Angles **Horizontal Angles**

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	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	51.844	27.447	4.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	130.117	107.753	81.323	55.910	31.513	8.132	0.000	0.000	0.000	0.000
85.0	275.482	222.622	169.762	144.349	114.869	81.323	54.893	31.513	8.132	0.000
87.5	526.568	443.211	360.872	299.879	244.986	191.110	157.564	120.968	81.323	52.860
90.0	773.587	667.867	573.329	470.658	373.070	323.260	267.350	203.308	162.646	117.919
92.5	1296.089	1186.302	1070.417	961.647	837.629	713.611	619.073	519.452	422.881	359.855
95.0	1822.656	1727.102	1618.332	1486.182	1325.568	1161.905	1027.722	891.506	766.471	672.950
97.5	2439.696	2305.513	2196.743	2086.957	1928.376	1741.333	1560.389	1396.726	1261.526	1148.690
100.0	3131.960	3009.975	2867.659	2728.393	2538.301	2371.588	2207.925	2055.444	1907.029	1766.747
102.5	3818.124	3741.884	3612.783	3462.335	3272.242	3084.183	2903.238	2749.741	2630.806	2518.986
105.0	4570.364	4453.462	4343.676	4182.046	4025.499	3861.836	3699.189	3573.138	3487.749	3409.475
107.5	5271.777	5192.487	5090.833	4949.534	4827.549	4717.762	4612.042	4522.587	4470.743	4424.999
110.0	6031.132	5978.272	5891.866	5793.262	5704.823	5638.748	5588.937	5550.309	5561.491	5560.474
112.5	6817.934	6784.388	6717.297	6661.387	6612.593	6610.560	6629.874	6663.420	6709.164	6717.297
115.0	7593.554	7569.157	7562.041	7571.190	7583.389	7618.968	7679.960	7711.473	7787.713	7853.788
117.5	8375.273	8384.422	8430.167	8483.027	8533.854	8620.260	8725.980	8822.551	8919.122	9012.644
120.0	9189.522	9242.382	9349.119	9467.037	9581.907	9694.742	9791.314	9888.902	10000.721	10086.110
122.5	10147.103	10264.005	10370.742	10463.247	10560.835	10680.786	10791.589	10910.524	11024.377	11103.667
125.0	11076.220	11171.775	11280.545	11419.811	11555.011	11697.326	11794.914	11896.568	11991.106	12069.380
127.5	12024.652	12169.001	12310.300	12429.235	12543.088	12652.874	12746.396	12818.570	12887.695	12955.803
130.0	13021.878	13158.094	13280.079	13371.568	13443.742	13513.883	13600.289	13653.149	13718.208	13785.300
132.5	13896.102	13999.790	14083.146	14162.436	14243.759	14309.834	14378.959	14453.166	14523.308	14590.399
135.0	14625.978	14739.831	14816.071	14899.428	14995.999	15091.554	15182.026	15255.217	15308.077	15358.904
137.5	15375.168	15474.789	15575.427	15682.163	15777.718	15857.008	15942.398	15995.258	16037.952	16070.482
140.0	16168.070	16222.963	16310.385	16413.056	16498.445	16559.437	16609.248	16652.959	16693.621	16713.952
142.5	16804.424	16879.648	16961.987	17043.310	17126.667	17182.576	17210.023	17245.602	17278.131	17297.445
145.0	17390.967	17484.489	17542.432	17608.507	17670.516	17724.392	17752.855	17781.319	17806.732	17830.112
147.5	17959.213	18032.404	18089.330	18139.141	18184.885	18223.513	18255.026	18271.291	18288.572	18308.903

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CANDELA TABULATION - (Cont.)

150.0	18493.91318547.79018598.61718636.22918659.60918685.02318707.38718722.63518738.89918755.164
152.5	18957.45518998.11719042.84519066.22519089.60619111.96919124.16819149.58119153.64819164.830
155.0	19358.98919390.50119416.93219441.32819462.67619474.87419491.13919507.40419520.61919533.834
157.5	19694.44719712.74519734.09219752.39019772.72119793.05119805.25019818.46519835.74619850.994
160.0	19968.91319987.21020002.45920020.75620038.03720055.31920071.58320084.79820092.93120105.129
162.5	20196.61820216.94920232.19720243.37920256.59420275.90820283.02420296.23920305.38820311.487
165.0	20377.56220391.79320408.05820419.24020427.37220436.52120447.70320455.83520463.96820471.084
167.5	20521.91120532.07620542.24120551.39020559.52320566.63820573.75420581.88620586.96920592.052
170.0	20636.78020643.89520651.01120658.12720662.19320668.29220674.39220679.47420682.52420684.557
172.5	20736.40020746.56620745.54920747.58220749.61620751.64920754.69820757.74820760.79720764.864
175.0	20813.65820815.69120817.72420819.75720821.79020823.82320825.85620826.87320826.87320827.889
177.5	20861.43520861.43520862.45120862.45120862.45120863.46820863.46820863.46820864.48520865.501
180.0	20878.71620878.71620878.71620878.71620878.71620878.71620878.71620878.716

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	28.463	5.083	0.000	0.000	0.000
90.0	71.158	45.744	20.331	0.000	0.000
92.5	288.697	215.506	183.994	156.547	131.134
95.0	588.577	516.402	474.724	442.195	417.798

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CANDELA TABULATION - (Cont.)

97.5	1053.135	980.961	932.167	905.737	886.423
100.0	1666.109	1605.117	1560.389	1532.942	1526.843
102.5	2460.027	2407.167	2370.571	2332.959	2331.943
105.0	3363.731	3348.483	3320.020	3305.788	3309.854
107.5	4399.585	4413.817	4404.668	4395.519	4394.503
110.0	5558.441	5549.292	5537.094	5525.912	5529.978
112.5	6704.082	6707.131	6742.710	6724.412	6726.446
115.0	7883.268	7907.665	7920.880	7923.930	7924.946
117.5	9037.041	9058.388	9067.537	9076.686	9085.835
120.0	10136.937	10177.599	10163.367	10170.483	10197.930
122.5	11177.874	11203.288	11209.387	11215.486	11220.569
125.0	12135.455	12181.199	12191.365	12198.481	12201.530
127.5	13017.812	13075.755	13112.350	13108.284	13106.251
130.0	13850.358	13898.136	13937.781	13944.896	13943.880
132.5	14645.293	14681.888	14714.417	14728.649	14726.616
135.0	15399.565	15423.962	15458.525	15457.508	15459.541
137.5	16093.862	16113.176	16124.358	16134.524	16143.673
140.0	16733.266	16756.646	16755.630	16759.696	16786.126
142.5	17315.743	17330.991	17336.074	17339.124	17340.140
145.0	17857.559	17855.526	17875.857	17872.807	17870.774
147.5	18324.151	18337.366	18352.614	18358.713	18357.697
150.0	18775.495	18783.627	18792.776	18800.908	18803.958
152.5	19180.078	19193.293	19197.359	19204.475	19210.574
155.0	19547.049	19557.214	19566.363	19570.429	19569.413
157.5	19858.110	19869.292	19881.490	19886.573	19884.540
160.0	20119.361	20123.427	20128.510	20134.609	20141.725
162.5	20316.569	20322.669	20327.751	20327.751	20326.735
165.0	20477.183	20480.232	20482.265	20485.315	20486.332
167.5	20599.168	20603.234	20607.300	20606.283	20606.283
170.0	20685.573	20688.623	20691.673	20694.722	20697.772
172.5	20767.913	20768.930	20767.913	20766.897	20766.897
175.0	20828.906	20827.889	20826.873	20826.873	20826.873
177.5	20867.534	20865.501	20864.485	20864.485	20864.485
180.0	20878.716	20878.716	20878.716	20878.716	20878.716

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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	67.01	N.A.	0.10
0-90	685.89	N.A.	1.10
10-90	685.89	N.A.	1.10
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	67.01	N.A.	0.10
70-80	67.01	N.A.	0.10
80-90	618.88	N.A.	1.00
90-110	7312.27	N.A.	11.40
90-120	15177.54	N.A.	23.70
90-130	25147.92	N.A.	39.30
90-150	46813.99	N.A.	73.10
90-180	63337.6	N.A.	98.90
110-180	56025.32	N.A.	87.50
0-180	64023.49	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	67.01
80-90	618.88
90-100	2237.28
100-110	5074.99
110-120	7865.27
120-130	9970.38
130-140	10990.86
140-150	10675.21
150-160	8806.42
160-170	5737.39
170-180	1979.8

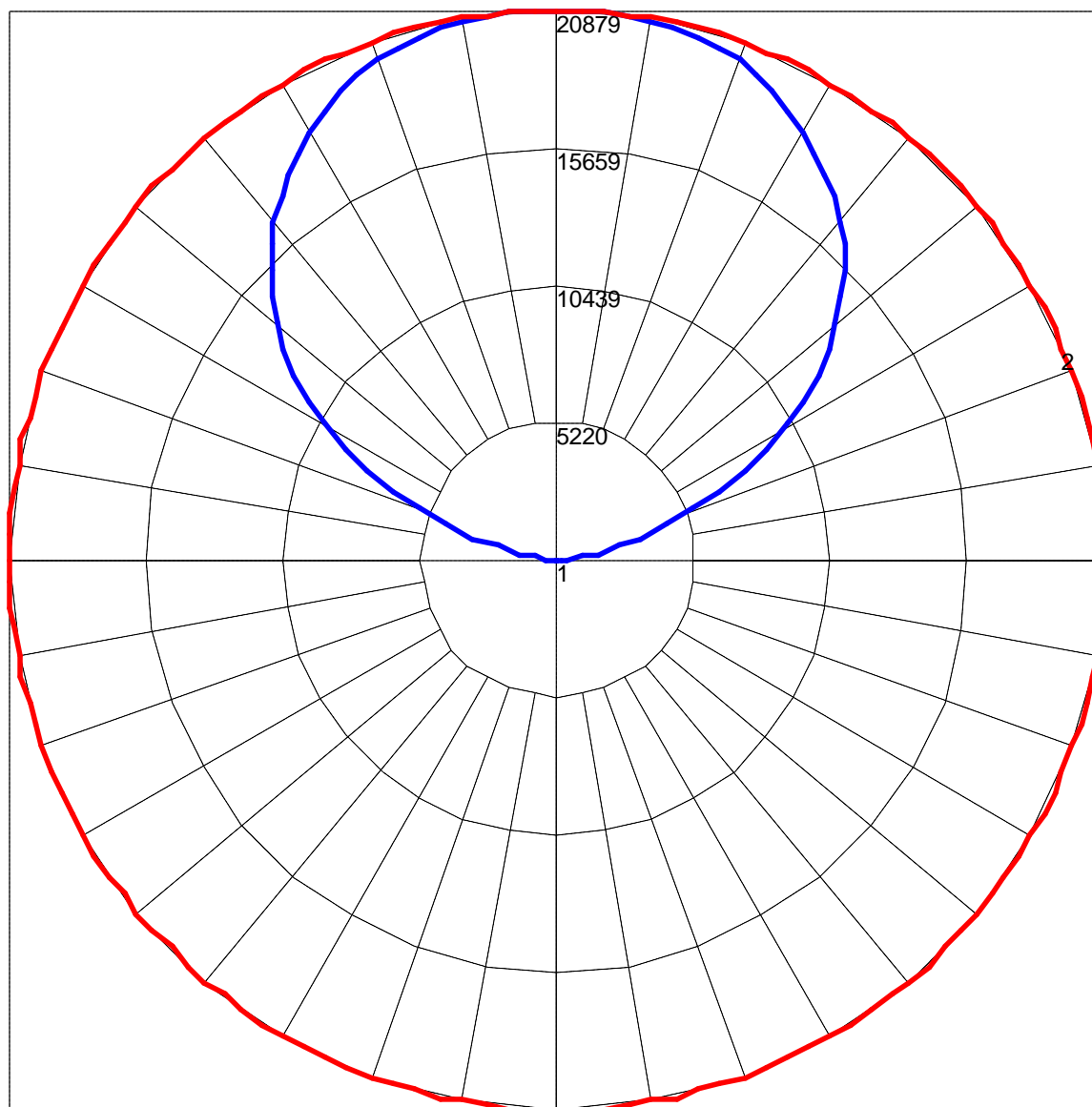
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SXS2-6-S-LED-HO-50.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	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 = 20878.716 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.)