



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : NUVHTHOWT30MWD120-277V.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE] 2017-07-20

[ISSUEDATE] 2017-07-20 09:47:55

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER]

[MANUFAC] BEGHELLI

[LUMINAIRE] NUVHTHOWT30MWD120-277V

[LAMP] 3000K Ra80

### CHARACTERISTICS

Lumens Per Lamp	30556 (1 lamp)
Total Lamp Lumens	30556
Luminaire Lumens	30556
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	232.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.00
Spacing Criterion (90-270)	1.00
Spacing Criterion (Diagonal)	0.92
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.24 m (Diameter)
Luminous Width (90-270)	0.24 m (Diameter)
Luminous Height	0.00 m

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	82392	81962	77540
55	30560	31637	30532
65	19288	19861	19973
75	14807	15215	15575
85	778	1113	1034

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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	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29890.76	29890.82	29890.87	29890.90	29890.92	29890.91	29890.88	29890.76	29890.62	29890.48
1.0	29886.92	29887.02	29887.10	29887.16	29887.18	29887.17	29887.12	29886.90	29886.66	29886.41
1.5	29880.57	29880.69	29880.79	29880.87	29880.91	29880.91	29880.87	29880.59	29880.28	29879.96
2.0	29871.56	29871.66	29871.74	29871.80	29871.83	29871.82	29871.76	29871.46	29871.11	29870.76
2.5	29859.77	29859.76	29859.74	29859.70	29859.63	29859.54	29859.40	29859.08	29858.74	29858.40
3.0	29845.17	29845.03	29844.87	29844.70	29844.50	29844.29	29844.06	29843.73	29843.40	29843.08
3.5	29827.82	29827.55	29827.24	29826.90	29826.54	29826.16	29825.79	29825.43	29825.10	29824.79
4.0	29807.25	29806.93	29806.55	29806.14	29805.70	29805.25	29804.81	29804.43	29804.07	29803.74
4.5	29782.74	29782.59	29782.44	29782.28	29782.11	29781.91	29781.69	29781.28	29780.85	29780.43
5.0	29755.06	29755.11	29755.21	29755.33	29755.44	29755.51	29755.52	29755.07	29754.56	29754.04
5.5	29725.25	29725.33	29725.46	29725.59	29725.71	29725.78	29725.76	29725.26	29724.67	29724.06
6.0	29691.89	29691.92	29691.98	29692.03	29692.05	29692.02	29691.92	29691.36	29690.73	29690.07
6.5	29653.81	29653.70	29653.62	29653.54	29653.44	29653.31	29653.12	29652.58	29652.00	29651.41
7.0	29611.30	29611.05	29610.83	29610.61	29610.40	29610.17	29609.91	29609.39	29608.86	29608.33
7.5	29564.43	29564.12	29563.83	29563.54	29563.25	29562.94	29562.62	29562.06	29561.49	29560.95
8.0	29512.79	29512.49	29512.20	29511.90	29511.61	29511.29	29510.95	29510.35	29509.74	29509.16
8.5	29455.98	29455.79	29455.65	29455.52	29455.39	29455.24	29455.05	29454.44	29453.81	29453.20
9.0	29394.07	29393.97	29393.95	29393.97	29393.99	29394.00	29393.96	29393.37	29392.75	29392.16
9.5	29327.20	29326.98	29326.85	29326.77	29326.72	29326.67	29326.60	29326.06	29325.53	29325.04
10.0	29254.70	29254.35	29254.09	29253.90	29253.75	29253.63	29253.52	29253.04	29252.61	29252.25
10.5	29175.91	29175.58	29175.37	29175.25	29175.20	29175.19	29175.19	29174.78	29174.40	29174.10
11.0	29091.01	29090.72	29090.57	29090.52	29090.54	29090.62	29090.71	29090.37	29090.07	29089.84
11.5	29000.44	29000.09	28999.83	28999.64	28999.52	28999.46	28999.44	28999.21	28999.04	28998.97
12.0	28902.82	28902.40	28902.03	28901.69	28901.42	28901.21	28901.06	28900.96	28900.95	28901.05
12.5	28796.89	28796.48	28796.11	28795.78	28795.51	28795.31	28795.21	28795.24	28795.38	28795.64
13.0	28682.66	28682.32	28682.00	28681.74	28681.54	28681.43	28681.42	28681.58	28681.88	28682.29
13.5	28560.11	28559.83	28559.58	28559.38	28559.24	28559.20	28559.27	28559.57	28560.00	28560.58
14.0	28428.11	28427.99	28427.92	28427.90	28427.95	28428.09	28428.33	28428.76	28429.32	28430.01
14.5	28285.18	28285.51	28285.95	28286.45	28287.03	28287.67	28288.37	28288.95	28289.59	28290.31
15.0	28132.43	28133.19	28134.08	28135.07	28136.12	28137.20	28138.28	28138.99	28139.71	28140.43
15.5	27971.41	27972.21	27973.07	27973.98	27974.91	27975.87	27976.84	27977.60	27978.37	27979.17
16.0	27799.27	27800.11	27800.93	27801.74	27802.55	27803.37	27804.20	27805.00	27805.85	27806.75
16.5	27613.19	27614.48	27615.75	27617.01	27618.24	27619.45	27620.62	27621.58	27622.53	27623.48
17.0	27414.67	27416.37	27418.08	27419.76	27421.40	27423.00	27424.52	27425.68	27426.79	27427.86
17.5	27205.00	27206.53	27208.04	27209.51	27210.96	27212.38	27213.80	27215.20	27216.60	27218.00
18.0	26982.04	26983.51	26984.90	26986.25	26987.58	26988.92	26990.27	26991.89	26993.54	26995.21
18.5	26744.08	26746.31	26748.49	26750.63	26752.70	26754.69	26756.60	26758.30	26759.90	26761.42
19.0	26491.23	26494.25	26497.25	26500.18	26503.01	26505.68	26508.14	26509.94	26511.52	26512.90
19.5	26223.28	26226.28	26229.22	26232.09	26234.84	26237.47	26239.93	26242.11	26244.10	26245.88
20.0	25939.53	25942.53	25945.40	25948.15	25950.79	25953.29	25955.67	25958.09	25960.36	25962.42
20.5	25639.35	25643.18	25646.82	25650.25	25653.43	25656.34	25658.95	25660.89	25662.54	25663.92
21.0	25322.44	25327.05	25331.40	25335.43	25339.09	25342.35	25345.15	25346.70	25347.82	25348.60
21.5	24988.75	24993.16	24997.22	25000.93	25004.28	25007.26	25009.87	25011.96	25013.68	25015.07
22.0	24636.97	24641.07	24644.75	24648.05	24651.02	24653.69	24656.11	24658.92	24661.46	24663.67
22.5	24265.70	24269.98	24273.81	24277.25	24280.35	24283.17	24285.75	24288.97	24291.91	24294.51
23.0	23875.22	23879.98	23884.29	23888.19	23891.72	23894.92	23897.83	23901.22	23904.27	23906.90
23.5	23465.00	23470.72	23476.03	23480.90	23485.33	23489.28	23492.75	23495.78	23498.27	23500.19
24.0	23036.13	23042.72	23048.92	23054.66	23059.87	23064.47	23068.40	23071.12	23073.10	23074.35
24.5	22590.30	22596.90	22603.02	22608.61	22613.65	22618.10	22621.91	22625.08	22627.55	22629.27
25.0	22125.17	22131.75	22137.76	22143.20	22148.07	22152.35	22156.04	22159.59	22162.46	22164.56
25.5	21637.62	21645.02	21651.94	21658.30	21664.02	21669.02	21673.21	21676.05	21678.00	21679.06
26.0	21131.68	21139.83	21147.59	21154.80	21161.32	21166.99	21171.66	21173.87	21175.01	21175.14
26.5	20610.79	20618.75	20626.27	20633.24	20639.54	20645.04	20649.64	20652.57	20654.47	20655.33

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27.0	20073.63	20081.17	20088.15	20094.54	20100.25	20105.27	20109.52	20113.31	20116.18	20118.00
27.5	19520.23	19527.58	19534.14	19539.91	19544.92	19549.19	19552.73	19556.57	19559.54	19561.50
28.0	18949.98	18957.28	18963.59	18968.99	18973.52	18977.26	18980.26	18983.87	18986.64	18988.42
28.5	18360.02	18367.46	18374.09	18379.91	18384.93	18389.13	18392.52	18395.88	18398.29	18399.61
29.0	17757.20	17764.85	17771.90	17778.29	17783.92	17788.72	17792.63	17795.73	17797.75	17798.58
29.5	17147.84	17155.78	17163.08	17169.65	17175.42	17180.31	17184.25	17187.24	17189.12	17189.77
30.0	16530.68	16538.66	16545.90	16552.32	16557.88	16562.52	16566.19	16569.03	16570.76	16571.29
30.5	15906.02	15913.15	15919.45	15924.92	15929.52	15933.26	15936.10	15938.53	15939.95	15940.26
31.0	15275.53	15281.86	15287.37	15292.04	15295.88	15298.90	15301.08	15303.05	15304.08	15304.06
31.5	14639.29	14646.03	14652.11	14657.44	14661.95	14665.56	14668.21	14669.77	14670.22	14669.49
32.0	14002.40	14009.55	14016.23	14022.29	14027.57	14031.91	14035.17	14036.53	14036.60	14035.36
32.5	13369.36	13375.86	13382.04	13387.74	13392.81	13397.07	13400.37	13402.22	13402.85	13402.14
33.0	12742.08	12747.55	12752.79	12757.67	12762.04	12765.77	12768.70	12770.88	12771.95	12771.74
33.5	12123.69	12128.07	12132.18	12135.90	12139.13	12141.74	12143.63	12144.95	12145.28	12144.46
34.0	11514.98	11518.27	11521.21	11523.72	11525.71	11527.11	11527.82	11528.02	11527.33	11525.62
34.5	10917.80	10920.21	10922.27	10923.89	10925.02	10925.57	10925.48	10924.84	10923.38	10921.00
35.0	10332.03	10333.62	10334.90	10335.79	10336.23	10336.15	10335.47	10334.28	10332.34	10329.55
35.5	9756.18	9756.84	9757.31	9757.52	9757.42	9756.93	9756.00	9754.93	9753.22	9750.75
36.0	9196.23	9196.10	9195.91	9195.60	9195.10	9194.35	9193.28	9192.40	9190.97	9188.84
36.5	8658.74	8658.34	8657.90	8657.37	8656.66	8655.71	8654.43	8653.23	8651.49	8649.03
37.0	8140.40	8139.80	8139.19	8138.48	8137.58	8136.41	8134.88	8133.19	8130.92	8127.93
37.5	7639.43	7638.31	7637.24	7636.12	7634.83	7633.30	7631.40	7629.08	7626.20	7622.66
38.0	7157.78	7156.14	7154.58	7153.00	7151.30	7149.36	7147.09	7144.22	7140.83	7136.86
38.5	6696.57	6694.64	6692.74	6690.78	6688.69	6686.38	6683.76	6680.72	6677.22	6673.19
39.0	6256.53	6254.37	6252.17	6249.89	6247.46	6244.84	6241.97	6238.97	6235.58	6231.71
39.5	5838.95	5836.51	5834.04	5831.51	5828.87	5826.09	5823.13	5820.32	5817.18	5813.63
40.0	5443.20	5440.51	5437.81	5435.07	5432.27	5429.41	5426.45	5423.96	5421.24	5418.17
40.5	5068.67	5065.64	5062.53	5059.38	5056.24	5053.11	5050.05	5048.17	5046.23	5044.07
41.0	4716.62	4713.62	4710.56	4707.47	4704.42	4701.44	4698.58	4697.06	4695.56	4693.91
41.5	4388.05	4386.63	4385.46	4384.42	4383.38	4382.23	4380.82	4378.40	4375.59	4372.36
42.0	4083.03	4082.63	4082.65	4082.85	4083.02	4082.94	4082.39	4079.50	4075.99	4071.92
42.5	3805.63	3802.78	3799.59	3796.23	3792.84	3789.57	3786.56	3785.95	3785.56	3785.21
43.0	3544.83	3539.77	3533.70	3527.12	3520.51	3514.37	3509.17	3510.73	3513.30	3516.46
43.5	3286.24	3283.13	3279.40	3275.35	3271.25	3267.40	3264.08	3264.76	3265.99	3267.52
44.0	3044.02	3043.57	3043.07	3042.52	3041.90	3041.22	3040.47	3039.79	3039.01	3038.08
44.5	2830.54	2830.90	2831.27	2831.59	2831.82	2831.93	2831.86	2831.36	2830.64	2829.71
45.0	2636.73	2637.36	2637.91	2638.37	2638.71	2638.94	2639.03	2639.06	2638.93	2638.60
45.5	2457.91	2458.67	2459.30	2459.81	2460.19	2460.47	2460.66	2461.05	2461.31	2461.42
46.0	2293.30	2294.18	2294.89	2295.45	2295.89	2296.24	2296.52	2297.22	2297.83	2298.31
46.5	2140.47	2141.88	2143.12	2144.22	2145.18	2146.02	2146.75	2147.63	2148.39	2148.97
47.0	1999.63	2001.56	2003.34	2004.97	2006.45	2007.77	2008.93	2009.96	2010.81	2011.47
47.5	1870.33	1872.46	1874.42	1876.19	1877.80	1879.23	1880.49	1881.66	1882.66	1883.48
48.0	1752.15	1754.30	1756.21	1757.90	1759.40	1760.74	1761.95	1763.36	1764.64	1765.77
48.5	1646.05	1647.84	1649.24	1650.36	1651.30	1652.15	1653.02	1655.11	1657.23	1659.28
49.0	1547.45	1549.11	1550.33	1551.25	1551.99	1552.69	1553.49	1556.00	1558.61	1561.20
49.5	1450.37	1453.12	1455.72	1458.17	1460.45	1462.55	1464.48	1466.10	1467.54	1468.83
50.0	1359.99	1363.77	1367.67	1371.55	1375.27	1378.70	1381.68	1382.42	1382.73	1382.75
50.5	1280.79	1284.20	1287.60	1290.91	1294.07	1296.98	1299.57	1300.83	1301.79	1302.51
51.0	1208.88	1211.67	1214.24	1216.64	1218.86	1220.94	1222.89	1224.89	1226.77	1228.52
51.5	1141.82	1144.59	1147.14	1149.50	1151.70	1153.76	1155.70	1157.79	1159.77	1161.63
52.0	1079.86	1082.70	1085.36	1087.85	1090.19	1092.38	1094.43	1096.45	1098.35	1100.10
52.5	1022.56	1025.27	1027.81	1030.20	1032.46	1034.58	1036.59	1038.64	1040.57	1042.39
53.0	969.51	972.09	974.52	976.81	978.97	981.03	983.00	985.03	986.98	988.82
53.5	920.19	922.79	925.26	927.61	929.84	931.96	933.96	935.88	937.70	939.41
54.0	874.51	877.12	879.62	882.02	884.30	886.45	888.49	890.30	891.99	893.57
54.5	832.38	834.83	837.17	839.42	841.56	843.60	845.54	847.37	849.11	850.74

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55.0	793.31	795.58	797.75	799.82	801.81	803.71	805.54	807.39	809.17	810.87
55.5	756.82	759.03	761.15	763.18	765.13	767.00	768.78	770.53	772.20	773.78
56.0	722.80	724.97	727.06	729.08	731.00	732.84	734.60	736.22	737.75	739.20
56.5	691.01	693.09	695.10	697.04	698.90	700.69	702.39	703.95	705.43	706.82
57.0	661.39	663.35	665.26	667.10	668.88	670.59	672.23	673.73	675.16	676.53
57.5	633.88	635.72	637.51	639.24	640.91	642.51	644.05	645.47	646.83	648.12
58.0	608.21	609.93	611.59	613.19	614.73	616.22	617.65	618.99	620.27	621.51
58.5	584.18	585.75	587.26	588.72	590.13	591.50	592.82	594.12	595.37	596.60
59.0	561.63	563.04	564.41	565.72	566.99	568.24	569.45	570.70	571.93	573.14
59.5	540.35	541.62	542.83	544.00	545.13	546.24	547.33	548.49	549.65	550.79
60.0	520.30	521.44	522.52	523.56	524.56	525.55	526.53	527.60	528.67	529.74
60.5	501.38	502.43	503.42	504.37	505.30	506.20	507.11	508.11	509.13	510.16
61.0	483.50	484.48	485.40	486.29	487.15	487.99	488.84	489.78	490.75	491.72
61.5	466.55	467.46	468.32	469.14	469.93	470.71	471.49	472.36	473.25	474.16
62.0	450.50	451.35	452.14	452.90	453.64	454.36	455.08	455.89	456.71	457.54
62.5	435.36	436.14	436.88	437.59	438.27	438.94	439.62	440.37	441.14	441.93
63.0	420.96	421.68	422.37	423.02	423.65	424.28	424.92	425.63	426.37	427.12
63.5	407.13	407.79	408.42	409.03	409.62	410.20	410.80	411.50	412.21	412.94
64.0	393.87	394.49	395.07	395.63	396.18	396.73	397.30	397.97	398.66	399.37
64.5	381.15	381.73	382.29	382.82	383.34	383.86	384.39	385.01	385.64	386.29
65.0	368.92	369.48	370.01	370.52	371.02	371.52	372.03	372.59	373.16	373.74
65.5	357.19	357.72	358.22	358.72	359.20	359.68	360.17	360.70	361.24	361.80
66.0	345.85	346.35	346.83	347.30	347.76	348.22	348.69	349.21	349.73	350.27
66.5	334.87	335.32	335.75	336.18	336.60	337.03	337.47	337.98	338.52	339.06
67.0	324.10	324.50	324.89	325.27	325.66	326.05	326.47	326.98	327.52	328.08
67.5	313.31	313.69	314.05	314.42	314.79	315.18	315.58	316.08	316.59	317.13
68.0	302.69	303.05	303.41	303.77	304.14	304.53	304.93	305.39	305.88	306.38
68.5	292.39	292.74	293.10	293.46	293.83	294.21	294.61	295.05	295.49	295.96
69.0	282.33	282.67	283.03	283.39	283.76	284.14	284.52	284.93	285.34	285.76
69.5	272.48	272.82	273.16	273.51	273.86	274.22	274.59	274.96	275.34	275.73
70.0	262.83	263.15	263.47	263.80	264.13	264.47	264.82	265.16	265.52	265.88
70.5	253.30	253.60	253.91	254.22	254.54	254.87	255.21	255.55	255.89	256.25
71.0	243.93	244.21	244.50	244.81	245.12	245.44	245.78	246.10	246.44	246.79
71.5	234.74	235.00	235.29	235.59	235.90	236.22	236.55	236.84	237.15	237.47
72.0	225.70	225.96	226.24	226.53	226.84	227.15	227.47	227.74	228.02	228.31
72.5	216.88	217.12	217.38	217.65	217.93	218.22	218.52	218.78	219.05	219.33
73.0	208.13	208.36	208.60	208.85	209.11	209.38	209.66	209.91	210.16	210.44
73.5	199.28	199.51	199.75	200.01	200.28	200.55	200.84	201.06	201.29	201.53
74.0	190.50	190.71	190.95	191.21	191.48	191.76	192.04	192.24	192.44	192.66
74.5	181.96	182.14	182.33	182.54	182.76	182.99	183.23	183.42	183.63	183.84
75.0	173.44	173.58	173.72	173.88	174.05	174.23	174.42	174.62	174.82	175.05
75.5	164.73	164.84	164.96	165.11	165.27	165.44	165.63	165.82	166.02	166.23
76.0	155.94	156.04	156.16	156.30	156.46	156.64	156.83	157.01	157.20	157.41
76.5	147.16	147.25	147.36	147.49	147.64	147.81	147.99	148.16	148.34	148.54
77.0	138.37	138.46	138.56	138.69	138.83	138.99	139.15	139.32	139.49	139.68
77.5	129.63	129.71	129.81	129.93	130.07	130.23	130.39	130.55	130.72	130.90
78.0	120.91	120.98	121.07	121.19	121.32	121.46	121.62	121.76	121.92	122.08
78.5	112.39	112.43	112.50	112.58	112.67	112.78	112.89	112.99	113.10	113.22
79.0	103.52	103.55	103.59	103.64	103.70	103.77	103.84	103.91	103.99	104.07
79.5	93.62	93.66	93.71	93.78	93.85	93.93	94.02	94.12	94.21	94.31
80.0	83.25	83.32	83.39	83.48	83.57	83.67	83.78	83.90	84.03	84.16
80.5	72.71	72.78	72.85	72.92	73.01	73.11	73.21	73.33	73.46	73.59
81.0	62.21	62.26	62.33	62.39	62.47	62.55	62.63	62.74	62.86	62.97
81.5	52.06	52.12	52.19	52.25	52.32	52.38	52.44	52.51	52.57	52.62
82.0	42.20	42.26	42.32	42.39	42.44	42.50	42.55	42.57	42.59	42.60
82.5	32.44	32.48	32.53	32.57	32.62	32.68	32.73	32.77	32.82	32.86

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**CANDELA TABULATION - (Cont.)**

<b>83.0</b>	23.41	23.44	23.48	23.52	23.58	23.64	23.70	23.79	23.87	23.96
<b>83.5</b>	15.51	15.59	15.67	15.77	15.87	15.97	16.07	16.16	16.26	16.36
<b>84.0</b>	9.19	9.32	9.45	9.59	9.73	9.86	9.99	10.09	10.19	10.28
<b>84.5</b>	5.29	5.41	5.53	5.66	5.79	5.91	6.04	6.13	6.21	6.29
<b>85.0</b>	3.07	3.15	3.24	3.34	3.44	3.54	3.63	3.70	3.76	3.82
<b>85.5</b>	2.30	2.34	2.39	2.44	2.50	2.56	2.61	2.64	2.68	2.71
<b>86.0</b>	2.26	2.27	2.28	2.30	2.31	2.33	2.34	2.35	2.35	2.36
<b>86.5</b>	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.10	2.11	2.11
<b>87.0</b>	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.03	2.04	2.05
<b>87.5</b>	2.01	2.01	2.01	2.00	2.00	2.00	2.00	2.01	2.02	2.03
<b>88.0</b>	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.05	2.05	2.06
<b>88.5</b>	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
<b>89.0</b>	2.11	2.11	2.11	2.12	2.12	2.12	2.12	2.12	2.12	2.12
<b>89.5</b>	2.14	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.16
<b>90.0</b>	2.18	2.17	2.17	2.17	2.17	2.17	2.17	2.18	2.18	2.19

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

	<u><b>25.0</b></u>	<u><b>27.5</b></u>	<u><b>30.0</b></u>	<u><b>32.5</b></u>	<u><b>35.0</b></u>	<u><b>37.5</b></u>	<u><b>40.0</b></u>	<u><b>42.5</b></u>	<u><b>45.0</b></u>	<u><b>47.5</b></u>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.35	29890.24	29890.16	29890.26	29890.39	29890.54	29890.70	29890.84	29890.97	29890.92
<b>1.0</b>	29886.18	29885.98	29885.83	29885.99	29886.20	29886.43	29886.67	29886.89	29887.08	29886.96
<b>1.5</b>	29879.66	29879.39	29879.18	29879.33	29879.54	29879.77	29880.01	29880.23	29880.39	29880.18
<b>2.0</b>	29870.42	29870.11	29869.85	29869.97	29870.14	29870.34	29870.54	29870.71	29870.82	29870.55
<b>2.5</b>	29858.07	29857.77	29857.53	29857.61	29857.73	29857.88	29858.04	29858.19	29858.29	29858.12
<b>3.0</b>	29842.78	29842.52	29842.30	29842.33	29842.40	29842.50	29842.63	29842.75	29842.86	29842.80
<b>3.5</b>	29824.51	29824.28	29824.09	29824.07	29824.10	29824.17	29824.26	29824.36	29824.46	29824.46
<b>4.0</b>	29803.46	29803.21	29803.02	29802.99	29803.01	29803.07	29803.16	29803.26	29803.37	29803.36
<b>4.5</b>	29780.03	29779.68	29779.40	29779.45	29779.56	29779.71	29779.89	29780.07	29780.23	29780.09
<b>5.0</b>	29753.51	29753.04	29752.64	29752.73	29752.91	29753.14	29753.39	29753.63	29753.84	29753.59
<b>5.5</b>	29723.44	29722.87	29722.37	29722.34	29722.39	29722.50	29722.66	29722.84	29723.00	29722.85
<b>6.0</b>	29689.42	29688.80	29688.24	29688.08	29688.00	29688.00	29688.05	29688.16	29688.29	29688.28
<b>6.5</b>	29650.82	29650.28	29649.80	29649.66	29649.61	29649.63	29649.71	29649.85	29650.02	29650.10
<b>7.0</b>	29607.84	29607.39	29607.03	29606.97	29607.00	29607.11	29607.29	29607.51	29607.78	29607.96
<b>7.5</b>	29560.45	29560.03	29559.70	29559.74	29559.88	29560.11	29560.42	29560.80	29561.23	29561.56
<b>8.0</b>	29508.64	29508.22	29507.92	29508.08	29508.37	29508.78	29509.27	29509.84	29510.46	29510.94
<b>8.5</b>	29452.67	29452.24	29451.96	29452.31	29452.82	29453.46	29454.20	29455.00	29455.84	29456.38
<b>9.0</b>	29391.64	29391.24	29391.03	29391.58	29392.32	29393.20	29394.18	29395.22	29396.28	29396.89
<b>9.5</b>	29324.65	29324.41	29324.36	29325.10	29326.04	29327.12	29328.31	29329.56	29330.82	29331.59
<b>10.0</b>	29252.00	29251.92	29252.05	29252.94	29254.03	29255.27	29256.63	29258.04	29259.46	29260.42
<b>10.5</b>	29173.92	29173.90	29174.09	29175.06	29176.24	29177.57	29179.01	29180.52	29182.04	29183.09
<b>11.0</b>	29089.73	29089.77	29090.02	29091.01	29092.20	29093.54	29095.01	29096.55	29098.13	29099.32
<b>11.5</b>	28999.01	28999.21	28999.58	29000.46	29001.54	29002.77	29004.14	29005.63	29007.21	29008.79
<b>12.0</b>	28901.28	28901.64	28902.16	28902.98	28903.96	28905.09	28906.38	28907.81	28909.38	28911.29
<b>12.5</b>	28796.03	28796.57	28797.24	28798.18	28799.26	28800.48	28801.83	28803.29	28804.87	28806.69
<b>13.0</b>	28682.85	28683.54	28684.38	28685.50	28686.77	28688.14	28689.61	28691.14	28692.74	28694.34
<b>13.5</b>	28561.29	28562.15	28563.16	28564.52	28566.01	28567.58	28569.22	28570.89	28572.55	28574.00
<b>14.0</b>	28430.84	28431.81	28432.93	28434.45	28436.09	28437.80	28439.56	28441.31	28443.02	28444.38
<b>14.5</b>	28291.11	28292.01	28293.03	28294.45	28295.97	28297.55	28299.18	28300.83	28302.46	28303.90
<b>15.0</b>	28141.20	28142.03	28142.95	28144.23	28145.61	28147.05	28148.55	28150.09	28151.64	28153.20
<b>15.5</b>	27980.03	27980.96	27981.98	27983.38	27984.86	27986.41	27988.01	27989.63	27991.26	27992.94
<b>16.0</b>	27807.71	27808.77	27809.92	27811.45	27813.07	27814.75	27816.46	27818.17	27819.85	27821.52
<b>16.5</b>	27624.47	27625.51	27626.63	27628.18	27629.80	27631.45	27633.08	27634.68	27636.20	27637.53
<b>17.0</b>	27428.91	27429.99	27431.10	27432.68	27434.29	27435.88	27437.42	27438.86	27440.16	27441.10
<b>17.5</b>	27219.40	27220.82	27222.26	27224.00	27225.72	27227.38	27228.94	27230.35	27231.57	27232.38
<b>18.0</b>	26996.90	26998.58	27000.26	27002.07	27003.82	27005.46	27006.96	27008.27	27009.35	27010.02

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**CANDELA TABULATION - (Cont.)**

18.5	26762.87	26764.25	26765.57	26767.11	26768.55	26769.87	26771.02	26771.96	26772.65	26772.98
19.0	26514.11	26515.17	26516.11	26517.27	26518.30	26519.18	26519.88	26520.36	26520.59	26520.62
19.5	26247.46	26248.82	26249.95	26250.74	26251.30	26251.65	26251.80	26251.76	26251.53	26251.68
20.0	25964.26	25965.84	25967.13	25967.71	25967.99	25968.01	25967.81	25967.42	25966.86	25967.03
20.5	25665.05	25665.97	25666.71	25667.60	25668.43	25668.97	25669.25	25669.23	25668.88	25668.39
21.0	25349.12	25349.45	25349.68	25350.90	25352.00	25352.88	25353.45	25353.62	25353.29	25352.01
21.5	25016.13	25016.89	25017.36	25017.90	25018.13	25018.01	25017.51	25016.59	25015.21	25013.49
22.0	24665.48	24666.85	24667.70	24667.44	24666.63	24665.33	24663.55	24661.34	24658.73	24656.54
22.5	24296.66	24298.28	24299.29	24298.86	24297.76	24296.04	24293.75	24290.91	24287.58	24284.58
23.0	23909.03	23910.57	23911.43	23910.89	23909.62	23907.65	23905.02	23901.74	23897.85	23894.03
23.5	23501.50	23502.17	23502.16	23501.18	23499.50	23497.14	23494.13	23490.45	23486.13	23481.83
24.0	23074.90	23074.73	23073.87	23072.35	23070.14	23067.27	23063.72	23059.51	23054.64	23049.80
24.5	22630.19	22630.29	22629.53	22627.37	22624.35	22620.50	22615.88	22610.51	22604.45	22598.67
25.0	22165.82	22166.16	22165.47	22162.87	22159.23	22154.61	22149.09	22142.72	22135.56	22128.64
25.5	21679.24	21678.54	21676.95	21674.68	21671.49	21667.34	21662.21	21656.05	21648.84	21640.47
26.0	21174.34	21172.67	21170.21	21168.10	21165.16	21161.26	21156.32	21150.21	21142.82	21133.18
26.5	20655.15	20653.90	20651.59	20648.29	20643.91	20638.41	20631.77	20623.98	20615.01	20604.95
27.0	20118.68	20118.09	20116.13	20111.50	20105.48	20098.15	20089.61	20079.96	20069.27	20058.99
27.5	19562.31	19561.80	19559.83	19554.74	19548.14	19540.16	19530.89	19520.45	19508.95	19498.15
28.0	18989.03	18988.32	18986.14	18980.81	18973.95	18965.64	18956.00	18945.12	18933.10	18921.67
28.5	18399.70	18398.43	18395.65	18389.91	18382.63	18373.90	18363.81	18352.45	18339.91	18327.76
29.0	17798.12	17796.26	17792.89	17786.90	17779.36	17770.36	17759.97	17748.26	17735.29	17722.33
29.5	17189.12	17187.07	17183.54	17177.73	17170.37	17161.49	17151.12	17139.28	17126.00	17111.96
30.0	16570.53	16568.40	16564.80	16559.25	16552.14	16543.45	16533.17	16521.28	16507.77	16492.79
30.5	15939.36	15937.14	15933.51	15927.99	15920.91	15912.24	15901.96	15890.03	15876.41	15861.08
31.0	15302.88	15300.42	15296.58	15290.86	15283.62	15274.79	15264.37	15252.29	15238.52	15223.04
31.5	14667.51	14664.23	14659.57	14653.33	14645.61	14636.36	14625.54	14613.10	14599.00	14583.29
32.0	14032.77	14028.78	14023.37	14016.40	14007.93	13997.96	13986.45	13973.39	13958.75	13942.89
32.5	13399.99	13396.31	13390.98	13382.89	13373.12	13361.74	13348.84	13334.47	13318.72	13302.91
33.0	12770.07	12766.78	12761.68	12752.76	12742.01	12729.58	12715.63	12700.28	12683.70	12667.98
33.5	12142.31	12138.69	12133.44	12124.90	12114.67	12102.85	12089.52	12074.79	12058.76	12042.99
34.0	11522.77	11518.66	11513.16	11505.32	11495.99	11485.18	11472.92	11459.21	11444.07	11428.19
34.5	10917.59	10913.06	10907.29	10899.82	10890.98	10880.74	10869.07	10855.93	10841.30	10825.13
35.0	10325.82	10321.06	10315.17	10307.88	10299.31	10289.39	10278.08	10265.31	10251.01	10234.73
35.5	9747.38	9742.99	9737.45	9730.08	9721.40	9711.39	9700.02	9687.26	9673.08	9657.42
36.0	9185.84	9181.80	9176.58	9168.99	9160.06	9149.80	9138.24	9125.38	9111.23	9096.28
36.5	8645.71	8641.36	8635.84	8627.90	8618.67	8608.16	8596.41	8583.46	8569.32	8554.56
37.0	8124.09	8119.27	8113.34	8105.20	8095.85	8085.30	8073.60	8060.77	8046.85	8032.24
37.5	7618.36	7613.20	7607.08	7599.33	7590.50	7580.61	7569.64	7557.60	7544.47	7530.29
38.0	7132.23	7126.87	7120.69	7113.39	7105.17	7096.01	7085.87	7074.71	7062.52	7049.05
38.5	6668.55	6663.24	6657.17	6649.90	6641.79	6632.84	6623.04	6612.38	6600.86	6588.73
39.0	6227.28	6222.20	6216.39	6209.12	6201.05	6192.23	6182.68	6172.42	6161.48	6150.69
39.5	5809.56	5804.87	5799.47	5792.39	5784.54	5775.97	5766.73	5756.85	5746.39	5736.32
40.0	5414.63	5410.51	5405.68	5399.02	5391.60	5383.46	5374.67	5365.27	5355.33	5345.81
40.5	5041.54	5038.49	5034.76	5029.04	5022.54	5015.31	5007.39	4998.84	4989.69	4980.71
41.0	4691.95	4689.53	4686.50	4681.61	4675.98	4669.64	4662.61	4654.94	4646.65	4638.27
41.5	4368.72	4364.62	4360.07	4354.94	4349.32	4343.24	4336.69	4329.66	4322.17	4314.65
42.0	4067.37	4062.39	4057.06	4051.89	4046.41	4040.63	4034.52	4028.07	4021.28	4014.59
42.5	3784.71	3783.86	3782.47	3779.01	3774.87	3770.10	3764.75	3758.85	3752.46	3746.21
43.0	3519.77	3522.82	3525.19	3523.47	3520.74	3517.07	3512.57	3507.31	3501.40	3495.50
43.5	3269.08	3270.42	3271.28	3269.77	3267.55	3264.63	3261.03	3256.79	3251.92	3246.56
44.0	3036.98	3035.67	3034.12	3032.44	3030.43	3028.04	3025.21	3021.90	3018.04	3013.23
44.5	2828.56	2827.19	2825.59	2824.08	2822.28	2820.15	2817.63	2814.66	2811.20	2806.79
45.0	2638.06	2637.28	2636.23	2634.94	2633.32	2631.35	2628.99	2626.21	2622.98	2618.99
45.5	2461.32	2460.98	2460.37	2459.31	2457.92	2456.19	2454.09	2451.61	2448.73	2445.38
46.0	2298.60	2298.67	2298.46	2297.67	2296.54	2295.08	2293.28	2291.14	2288.64	2285.92

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**CANDELA TABULATION - (Cont.)**

46.5	2149.37	2149.55	2149.46	2148.98	2148.20	2147.12	2145.71	2143.99	2141.92	2139.62
47.0	2011.93	2012.17	2012.18	2012.01	2011.57	2010.86	2009.86	2008.53	2006.87	2004.89
47.5	1884.11	1884.54	1884.77	1884.91	1884.80	1884.43	1883.76	1882.78	1881.45	1879.69
48.0	1766.74	1767.52	1768.09	1768.42	1768.50	1768.30	1767.82	1767.02	1765.89	1764.39
48.5	1661.18	1662.83	1664.14	1664.26	1664.00	1663.40	1662.51	1661.37	1660.03	1659.13
49.0	1563.64	1565.80	1567.57	1567.67	1567.32	1566.60	1565.60	1564.39	1563.03	1562.56
49.5	1469.96	1470.96	1471.83	1472.97	1473.94	1474.70	1475.18	1475.34	1475.13	1474.12
50.0	1382.61	1382.47	1382.45	1384.56	1386.76	1388.88	1390.76	1392.20	1393.05	1391.53
50.5	1303.08	1303.60	1304.13	1305.91	1307.68	1309.32	1310.71	1311.75	1312.32	1311.32
51.0	1230.13	1231.59	1232.89	1234.11	1235.13	1235.94	1236.51	1236.82	1236.85	1236.54
51.5	1163.34	1164.90	1166.29	1167.46	1168.42	1169.18	1169.71	1170.01	1170.06	1169.94
52.0	1101.72	1103.19	1104.52	1105.76	1106.83	1107.71	1108.38	1108.83	1109.03	1108.98
52.5	1044.08	1045.63	1047.03	1048.32	1049.44	1050.37	1051.10	1051.62	1051.90	1051.97
53.0	990.54	992.15	993.61	994.95	996.13	997.13	997.94	998.54	998.91	999.08
53.5	941.01	942.49	943.88	945.27	946.54	947.65	948.59	949.32	949.84	950.09
54.0	895.04	896.42	897.71	899.14	900.47	901.66	902.69	903.54	904.17	904.48
54.5	852.28	853.73	855.08	856.47	857.75	858.89	859.88	860.69	861.30	861.65
55.0	812.47	813.99	815.40	816.74	817.95	819.02	819.94	820.69	821.26	821.65
55.5	775.29	776.70	778.03	779.34	780.55	781.63	782.57	783.36	783.98	784.42
56.0	740.57	741.87	743.10	744.39	745.60	746.70	747.68	748.52	749.20	749.70
56.5	708.15	709.41	710.60	711.87	713.07	714.17	715.16	716.01	716.72	717.24
57.0	677.82	679.06	680.23	681.50	682.69	683.79	684.79	685.66	686.38	686.91
57.5	649.37	650.56	651.72	652.99	654.21	655.35	656.39	657.30	658.08	658.62
58.0	622.71	623.88	625.01	626.29	627.52	628.69	629.75	630.70	631.51	632.06
58.5	597.79	598.95	600.08	601.31	602.49	603.61	604.63	605.55	606.33	606.89
59.0	574.32	575.47	576.60	577.78	578.92	579.98	580.97	581.84	582.60	583.16
59.5	551.93	553.05	554.15	555.35	556.51	557.60	558.62	559.53	560.32	560.87
60.0	530.82	531.90	532.98	534.19	535.37	536.50	537.55	538.50	539.33	539.86
60.5	511.19	512.22	513.26	514.44	515.59	516.69	517.73	518.66	519.48	520.01
61.0	492.70	493.69	494.69	495.81	496.92	497.98	498.99	499.90	500.70	501.24
61.5	475.07	476.00	476.94	478.03	479.11	480.15	481.14	482.04	482.85	483.39
62.0	458.40	459.27	460.15	461.20	462.25	463.27	464.24	465.13	465.93	466.47
62.5	442.73	443.56	444.41	445.41	446.42	447.41	448.34	449.21	449.99	450.50
63.0	427.89	428.68	429.49	430.45	431.41	432.35	433.24	434.07	434.81	435.30
63.5	413.69	414.46	415.25	416.15	417.04	417.92	418.75	419.53	420.23	420.71
64.0	400.10	400.84	401.59	402.43	403.26	404.07	404.85	405.57	406.23	406.73
64.5	386.96	387.64	388.34	389.12	389.91	390.68	391.43	392.13	392.78	393.29
65.0	374.35	374.97	375.61	376.35	377.10	377.83	378.55	379.24	379.88	380.40
65.5	362.37	362.95	363.55	364.25	364.95	365.64	366.32	366.97	367.58	368.10
66.0	350.83	351.39	351.97	352.62	353.27	353.91	354.54	355.15	355.72	356.23
66.5	339.62	340.19	340.76	341.35	341.94	342.52	343.09	343.64	344.17	344.68
67.0	328.64	329.21	329.78	330.33	330.87	331.40	331.92	332.43	332.91	333.42
67.5	317.67	318.23	318.78	319.33	319.87	320.40	320.92	321.42	321.90	322.37
68.0	306.89	307.42	307.95	308.50	309.06	309.60	310.13	310.64	311.12	311.54
68.5	296.43	296.92	297.41	297.94	298.48	299.01	299.53	300.03	300.50	300.91
69.0	286.20	286.64	287.10	287.61	288.12	288.64	289.14	289.63	290.09	290.50
69.5	276.13	276.55	276.98	277.48	277.98	278.49	278.99	279.47	279.93	280.32
70.0	266.26	266.66	267.07	267.56	268.06	268.57	269.06	269.54	270.00	270.37
70.5	256.62	257.00	257.41	257.89	258.39	258.89	259.38	259.85	260.29	260.64
71.0	247.15	247.52	247.92	248.41	248.90	249.39	249.88	250.34	250.77	251.09
71.5	237.80	238.15	238.53	239.02	239.52	240.02	240.51	240.98	241.42	241.71
72.0	228.61	228.94	229.29	229.78	230.28	230.79	231.29	231.76	232.20	232.47
72.5	219.62	219.94	220.28	220.76	221.25	221.74	222.22	222.68	223.11	223.37
73.0	210.72	211.03	211.37	211.82	212.29	212.77	213.23	213.68	214.09	214.35
73.5	201.79	202.06	202.37	202.81	203.27	203.74	204.20	204.64	205.04	205.30
74.0	192.88	193.13	193.41	193.84	194.29	194.75	195.20	195.64	196.04	196.29

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**CANDELA TABULATION - (Cont.)**

74.5	184.08	184.33	184.61	185.03	185.46	185.89	186.32	186.73	187.11	187.35
75.0	175.29	175.56	175.85	176.24	176.65	177.07	177.48	177.86	178.22	178.43
75.5	166.47	166.73	167.02	167.41	167.81	168.22	168.62	169.00	169.34	169.55
76.0	157.63	157.88	158.15	158.53	158.92	159.32	159.71	160.08	160.42	160.62
76.5	148.76	148.99	149.24	149.58	149.94	150.29	150.64	150.98	151.30	151.51
77.0	139.88	140.10	140.33	140.63	140.94	141.25	141.56	141.87	142.15	142.38
77.5	131.09	131.30	131.52	131.80	132.08	132.38	132.67	132.96	133.23	133.47
78.0	122.25	122.44	122.64	122.88	123.14	123.40	123.66	123.92	124.17	124.40
78.5	113.34	113.47	113.61	113.76	113.92	114.09	114.25	114.42	114.60	114.79
79.0	104.15	104.23	104.32	104.38	104.45	104.52	104.60	104.69	104.79	104.95
79.5	94.41	94.51	94.60	94.65	94.70	94.75	94.81	94.88	94.96	95.13
80.0	84.28	84.40	84.51	84.57	84.62	84.66	84.72	84.78	84.86	85.05
80.5	73.72	73.83	73.94	73.96	73.97	73.98	74.00	74.04	74.11	74.32
81.0	63.07	63.17	63.26	63.24	63.22	63.21	63.20	63.22	63.27	63.50
81.5	52.67	52.72	52.76	52.74	52.72	52.71	52.72	52.74	52.78	52.96
82.0	42.60	42.61	42.62	42.61	42.62	42.63	42.65	42.68	42.73	42.86
82.5	32.90	32.95	32.99	33.02	33.05	33.08	33.12	33.17	33.22	33.33
83.0	24.05	24.14	24.23	24.30	24.36	24.42	24.49	24.55	24.61	24.70
83.5	16.46	16.55	16.65	16.75	16.85	16.94	17.04	17.12	17.20	17.27
84.0	10.37	10.46	10.55	10.67	10.79	10.90	11.01	11.12	11.21	11.26
84.5	6.36	6.44	6.52	6.62	6.72	6.82	6.92	7.00	7.08	7.12
85.0	3.88	3.94	3.99	4.06	4.14	4.21	4.27	4.33	4.39	4.42
85.5	2.74	2.76	2.79	2.83	2.87	2.91	2.95	2.98	3.01	3.02
86.0	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.44
86.5	2.12	2.13	2.13	2.14	2.14	2.14	2.14	2.14	2.14	2.14
87.0	2.07	2.08	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.09
87.5	2.04	2.05	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.05
88.0	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
88.5	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.10	2.10
89.0	2.12	2.12	2.13	2.13	2.13	2.13	2.14	2.14	2.14	2.14
89.5	2.16	2.16	2.16	2.16	2.17	2.17	2.17	2.17	2.17	2.17
90.0	2.19	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20

**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	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29890.84	29890.75	29890.68	29890.61	29890.58	29890.77	29890.99	29891.21	29891.41	29891.58
1.0	29886.81	29886.63	29886.47	29886.33	29886.23	29886.50	29886.80	29887.11	29887.40	29887.65
1.5	29879.91	29879.62	29879.33	29879.07	29878.86	29879.02	29879.23	29879.47	29879.70	29879.89
2.0	29870.23	29869.88	29869.52	29869.18	29868.89	29868.93	29869.02	29869.14	29869.27	29869.38
2.5	29857.90	29857.66	29857.41	29857.18	29856.98	29857.02	29857.09	29857.18	29857.28	29857.36
3.0	29842.72	29842.63	29842.54	29842.45	29842.40	29842.49	29842.61	29842.73	29842.85	29842.96
3.5	29824.45	29824.44	29824.45	29824.48	29824.55	29824.77	29825.01	29825.27	29825.52	29825.74
4.0	29803.36	29803.37	29803.42	29803.50	29803.62	29803.98	29804.38	29804.79	29805.20	29805.59
4.5	29779.94	29779.79	29779.68	29779.62	29779.64	29780.07	29780.58	29781.13	29781.70	29782.25
5.0	29753.31	29753.03	29752.79	29752.62	29752.55	29753.03	29753.61	29754.26	29754.95	29755.64
5.5	29722.69	29722.55	29722.46	29722.43	29722.51	29722.98	29723.55	29724.20	29724.90	29725.64
6.0	29688.30	29688.36	29688.48	29688.67	29688.93	29689.41	29689.97	29690.61	29691.31	29692.08
6.5	29650.22	29650.38	29650.61	29650.91	29651.28	29651.83	29652.46	29653.17	29653.96	29654.82
7.0	29608.17	29608.44	29608.76	29609.16	29609.64	29610.29	29611.02	29611.84	29612.73	29613.70
7.5	29561.93	29562.35	29562.83	29563.37	29563.98	29564.73	29565.55	29566.45	29567.42	29568.45
8.0	29511.46	29512.02	29512.64	29513.31	29514.06	29514.96	29515.94	29516.98	29518.08	29519.24
8.5	29456.94	29457.54	29458.21	29458.96	29459.81	29461.03	29462.35	29463.74	29465.18	29466.64
9.0	29397.50	29398.14	29398.87	29399.68	29400.63	29402.17	29403.82	29405.55	29407.32	29409.08
9.5	29332.37	29333.17	29334.03	29334.98	29336.06	29337.71	29339.47	29341.30	29343.15	29345.00



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**CANDELA TABULATION - (Cont.)**

10.0	29261.38	29262.35	29263.38	29264.48	29265.70	29267.41	29269.22	29271.09	29272.98	29274.85
10.5	29184.14	29185.22	29186.35	29187.57	29188.90	29190.80	29192.80	29194.85	29196.90	29198.91
11.0	29100.52	29101.76	29103.05	29104.43	29105.90	29107.90	29109.97	29112.08	29114.16	29116.18
11.5	29010.44	29012.12	29013.84	29015.57	29017.31	29019.03	29020.73	29022.40	29024.03	29025.61
12.0	28913.30	28915.34	28917.39	28919.40	28921.33	28922.75	28924.07	28925.30	28926.47	28927.59
12.5	28808.57	28810.48	28812.39	28814.27	28816.08	28817.55	28818.93	28820.22	28821.43	28822.56
13.0	28695.95	28697.58	28699.21	28700.81	28702.39	28703.94	28705.43	28706.85	28708.17	28709.38
13.5	28575.41	28576.79	28578.14	28579.47	28580.77	28582.19	28583.56	28584.85	28586.05	28587.13
14.0	28445.66	28446.88	28448.05	28449.18	28450.25	28451.49	28452.67	28453.77	28454.76	28455.63
14.5	28305.28	28306.61	28307.88	28309.07	28310.19	28311.32	28312.35	28313.26	28314.02	28314.62
15.0	28154.73	28156.21	28157.62	28158.93	28160.11	28161.11	28161.94	28162.60	28163.06	28163.32
15.5	27994.56	27996.10	27997.53	27998.80	27999.90	28000.63	28001.15	28001.44	28001.49	28001.29
16.0	27823.11	27824.56	27825.86	27826.96	27827.83	27828.26	27828.42	27828.31	27827.92	27827.26
16.5	27638.72	27639.75	27640.60	27641.25	27641.67	27641.81	27641.69	27641.28	27640.57	27639.54
17.0	27441.86	27442.41	27442.76	27442.89	27442.80	27442.62	27442.16	27441.41	27440.32	27438.88
17.5	27232.94	27233.25	27233.32	27233.11	27232.63	27232.05	27231.14	27229.87	27228.21	27226.12
18.0	27010.42	27010.51	27010.30	27009.76	27008.89	27007.79	27006.30	27004.39	27002.01	26999.13
18.5	26772.99	26772.68	26772.01	26770.96	26769.52	26767.68	26765.39	26762.63	26759.37	26755.57
19.0	26520.33	26519.68	26518.65	26517.18	26515.23	26512.65	26509.54	26505.88	26501.66	26496.86
19.5	26251.56	26251.11	26250.24	26248.86	26246.90	26243.87	26240.15	26235.74	26230.63	26224.80
20.0	25966.95	25966.52	25965.62	25964.14	25961.97	25958.42	25954.05	25948.86	25942.82	25935.93
20.5	25667.46	25666.02	25663.99	25661.30	25657.87	25653.33	25647.97	25641.76	25634.68	25626.72
21.0	25350.11	25347.54	25344.29	25340.30	25335.55	25330.00	25323.62	25316.38	25308.25	25299.20
21.5	25011.21	25008.30	25004.71	25000.36	24995.20	24989.08	24982.03	24974.02	24964.98	24954.89
22.0	24653.88	24650.64	24646.73	24642.05	24636.50	24629.75	24621.97	24613.09	24603.07	24591.85
22.5	24281.03	24276.83	24271.89	24266.11	24259.40	24251.48	24242.47	24232.32	24220.96	24208.36
23.0	23889.55	23884.31	23878.24	23871.26	23863.27	23854.06	23843.70	23832.16	23819.37	23805.28
23.5	23476.80	23470.96	23464.20	23456.44	23447.58	23437.31	23425.79	23412.97	23398.79	23383.21
24.0	23044.19	23037.71	23030.25	23021.71	23011.97	23000.64	22987.96	22973.87	22958.32	22941.26
24.5	22592.13	22584.68	22576.24	22566.66	22555.84	22543.28	22529.30	22513.88	22496.95	22478.48
25.0	22120.89	22112.20	22102.46	22091.55	22079.39	22065.57	22050.33	22033.63	22015.40	21995.60
25.5	21630.99	21620.37	21608.60	21595.64	21581.48	21566.58	21550.36	21532.71	21513.52	21492.70
26.0	21122.18	21109.88	21096.31	21081.51	21065.52	21049.43	21032.05	21013.23	20992.85	20970.78
26.5	20593.66	20581.08	20567.20	20551.97	20535.35	20517.57	20498.28	20477.41	20454.87	20430.59
27.0	20047.64	20035.06	20021.13	20005.71	19988.65	19969.05	19947.68	19924.54	19899.63	19872.97
27.5	19486.23	19473.00	19458.30	19441.96	19423.81	19402.30	19378.88	19353.62	19326.59	19297.86
28.0	18909.01	18894.96	18879.33	18861.95	18842.65	18819.65	18794.66	18767.78	18739.11	18708.75
28.5	18314.37	18299.56	18283.19	18265.08	18245.09	18221.92	18196.75	18169.60	18140.53	18109.57
29.0	17708.06	17692.35	17675.08	17656.11	17635.33	17612.10	17586.89	17559.66	17530.36	17498.98
29.5	17096.44	17079.33	17060.56	17040.05	17017.71	16993.26	16966.86	16938.47	16908.05	16875.56
30.0	16476.13	16457.75	16437.60	16415.63	16391.82	16366.05	16338.37	16308.72	16277.10	16243.46
30.5	15844.00	15825.12	15804.42	15781.87	15757.42	15731.09	15702.81	15672.53	15640.21	15605.83
31.0	15205.79	15186.73	15165.81	15143.00	15118.26	15091.55	15062.83	15032.07	14999.22	14964.25
31.5	14565.82	14546.54	14525.39	14502.32	14477.27	14449.94	14420.58	14389.17	14355.70	14320.18
32.0	13925.34	13906.03	13884.87	13861.78	13836.68	13808.84	13778.93	13747.00	13713.08	13677.19
32.5	13285.64	13266.76	13246.13	13223.60	13199.03	13171.02	13140.90	13108.76	13074.68	13038.73
33.0	12650.98	12632.50	12612.36	12590.37	12566.34	12538.39	12508.33	12476.27	12442.34	12406.63
33.5	12025.86	12007.21	11986.89	11964.75	11940.64	11912.93	11883.20	11851.57	11818.13	11783.00
34.0	11410.80	11391.82	11371.16	11348.72	11324.42	11297.21	11268.12	11237.23	11204.62	11170.37
34.5	10807.39	10788.05	10767.10	10744.49	10720.21	10693.94	10665.98	10636.36	10605.09	10572.20
35.0	10216.89	10197.48	10176.53	10154.03	10130.02	10104.69	10077.83	10049.41	10019.42	9987.84
35.5	9640.29	9621.67	9601.54	9579.87	9556.65	9531.61	9505.02	9476.91	9447.30	9416.22
36.0	9080.00	9062.32	9043.18	9022.53	9000.29	8975.64	8949.42	8921.71	8892.58	8862.11
36.5	8538.58	8521.35	8502.80	8482.89	8461.55	8438.12	8413.27	8387.05	8359.51	8330.70
37.0	8016.53	7999.68	7981.67	7962.45	7941.99	7919.98	7896.72	7872.22	7846.51	7819.58
37.5	7515.02	7498.64	7481.17	7462.58	7442.87	7422.05	7400.09	7377.01	7352.78	7327.41

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**CANDELA TABULATION - (Cont.)**

38.0	7034.52	7018.91	7002.24	6984.51	6965.73	6945.96	6925.13	6903.23	6880.27	6856.23
38.5	6575.67	6561.63	6546.58	6530.45	6513.19	6494.21	6474.10	6452.92	6430.71	6407.53
39.0	6139.14	6126.72	6113.33	6098.86	6083.21	6065.06	6045.73	6025.31	6003.91	5981.62
39.5	5725.61	5714.13	5701.77	5688.43	5673.98	5657.18	5639.26	5620.30	5600.39	5579.61
40.0	5335.69	5324.88	5313.29	5300.81	5287.35	5271.92	5255.47	5238.05	5219.72	5200.54
40.5	4971.11	4960.82	4949.77	4937.87	4925.07	4910.62	4895.23	4878.95	4861.81	4843.87
41.0	4629.24	4619.52	4609.05	4597.77	4585.64	4572.02	4557.55	4542.26	4526.20	4509.43
41.5	4306.60	4297.93	4288.57	4278.45	4267.50	4254.59	4240.89	4226.50	4211.53	4196.09
42.0	4007.45	3999.78	3991.47	3982.45	3972.62	3960.55	3947.73	3934.31	3920.42	3906.21
42.5	3739.44	3732.12	3724.18	3715.57	3706.23	3695.65	3684.33	3672.27	3659.53	3646.12
43.0	3489.01	3481.92	3474.22	3465.89	3456.92	3447.75	3437.83	3427.10	3415.45	3402.81
43.5	3240.60	3234.04	3226.87	3219.11	3210.75	3202.06	3192.74	3182.73	3172.01	3160.52
44.0	3007.84	3001.86	2995.30	2988.18	2980.50	2972.19	2963.34	2954.00	2944.17	2933.89
44.5	2801.84	2796.38	2790.40	2783.93	2776.98	2769.64	2761.84	2753.58	2744.86	2735.69
45.0	2614.53	2609.61	2604.25	2598.46	2592.24	2585.88	2579.08	2571.82	2564.07	2555.81
45.5	2441.61	2437.42	2432.79	2427.74	2422.24	2416.35	2410.00	2403.18	2395.87	2388.07
46.0	2282.82	2279.31	2275.37	2270.98	2266.10	2260.53	2254.47	2247.92	2240.89	2233.39
46.5	2136.94	2133.85	2130.34	2126.37	2121.92	2116.69	2110.97	2104.77	2098.12	2091.04
47.0	2002.52	1999.75	1996.56	1992.91	1988.79	1983.90	1978.53	1972.72	1966.48	1959.84
47.5	1877.53	1874.98	1872.01	1868.62	1864.77	1860.28	1855.34	1849.99	1844.23	1838.10
48.0	1762.51	1760.26	1757.61	1754.56	1751.08	1747.00	1742.49	1737.58	1732.27	1726.58
48.5	1658.01	1656.61	1654.87	1652.71	1650.09	1646.50	1642.39	1637.80	1632.73	1627.21
49.0	1561.94	1561.09	1559.92	1558.34	1556.28	1553.05	1549.27	1544.96	1540.13	1534.80
49.5	1472.69	1470.86	1468.64	1466.02	1463.04	1459.79	1456.16	1452.17	1447.79	1443.03
50.0	1389.34	1386.58	1383.35	1379.75	1375.89	1372.58	1369.08	1365.36	1361.41	1357.19
50.5	1309.79	1307.79	1305.36	1302.57	1299.46	1296.42	1293.11	1289.54	1285.71	1281.63
51.0	1235.91	1234.94	1233.63	1231.94	1229.87	1227.15	1224.05	1220.62	1216.88	1212.85
51.5	1169.54	1168.84	1167.80	1166.42	1164.65	1162.17	1159.31	1156.11	1152.61	1148.83
52.0	1108.64	1108.01	1107.06	1105.77	1104.13	1101.84	1099.21	1096.26	1093.01	1089.49
52.5	1051.77	1051.28	1050.49	1049.36	1047.88	1045.76	1043.29	1040.51	1037.44	1034.13
53.0	999.00	998.63	997.96	996.97	995.64	993.64	991.32	988.69	985.80	982.67
53.5	950.08	949.80	949.21	948.32	947.09	945.22	943.04	940.57	937.86	934.93
54.0	904.54	904.32	903.81	903.01	901.89	900.15	898.11	895.82	893.29	890.57
54.5	861.77	861.63	861.23	860.55	859.57	858.01	856.16	854.07	851.77	849.28
55.0	821.82	821.77	821.48	820.92	820.08	818.69	817.03	815.14	813.05	810.79
55.5	784.66	784.69	784.48	784.03	783.31	782.03	780.50	778.75	776.81	774.71
56.0	750.00	750.10	749.97	749.60	748.97	747.79	746.38	744.76	742.96	741.02
56.5	717.57	717.71	717.64	717.34	716.80	715.75	714.48	713.02	711.39	709.64
57.0	687.27	687.43	687.40	687.16	686.70	685.77	684.64	683.32	681.86	680.28
57.5	658.99	659.17	659.17	658.96	658.55	657.70	656.67	655.47	654.14	652.70
58.0	632.44	632.64	632.66	632.49	632.12	631.34	630.40	629.30	628.08	626.77
58.5	607.29	607.52	607.58	607.47	607.16	606.47	605.62	604.63	603.52	602.34
59.0	583.57	583.83	583.93	583.86	583.62	583.00	582.23	581.34	580.34	579.29
59.5	561.26	561.51	561.60	561.54	561.31	560.75	560.05	559.24	558.34	557.40
60.0	540.24	540.47	540.56	540.49	540.27	539.76	539.12	538.39	537.59	536.75
60.5	520.40	520.65	520.75	520.72	520.54	520.09	519.52	518.86	518.15	517.40
61.0	501.64	501.90	502.04	502.05	501.92	501.52	501.02	500.44	499.81	499.15
61.5	483.81	484.10	484.26	484.31	484.23	483.88	483.44	482.92	482.36	481.78
62.0	466.90	467.21	467.40	467.47	467.43	467.13	466.74	466.29	465.80	465.29
62.5	450.91	451.20	451.39	451.46	451.44	451.19	450.86	450.48	450.07	449.64
63.0	435.69	435.97	436.15	436.24	436.23	436.03	435.76	435.44	435.09	434.74
63.5	421.11	421.41	421.63	421.75	421.79	421.62	421.38	421.11	420.81	420.51
64.0	407.15	407.48	407.74	407.91	407.99	407.86	407.66	407.42	407.16	406.91
64.5	393.73	394.10	394.39	394.60	394.74	394.64	394.49	394.29	394.08	393.87
65.0	380.86	381.26	381.58	381.83	382.00	381.95	381.83	381.68	381.51	381.34
65.5	368.56	368.97	369.31	369.58	369.78	369.75	369.66	369.54	369.40	369.28

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**CANDELA TABULATION - (Cont.)**

66.0	356.70	357.11	357.46	357.75	357.97	357.96	357.89	357.80	357.69	357.60
66.5	345.16	345.59	345.97	346.29	346.54	346.54	346.49	346.40	346.32	346.24
67.0	333.89	334.33	334.72	335.06	335.33	335.34	335.30	335.23	335.16	335.11
67.5	322.80	323.20	323.55	323.86	324.11	324.13	324.12	324.09	324.06	324.05
68.0	311.93	312.29	312.60	312.86	313.08	313.12	313.14	313.14	313.14	313.17
68.5	301.29	301.64	301.94	302.20	302.42	302.47	302.49	302.51	302.53	302.57
69.0	290.88	291.22	291.52	291.79	292.01	292.06	292.08	292.10	292.13	292.19
69.5	280.68	281.01	281.30	281.55	281.76	281.81	281.84	281.86	281.90	281.98
70.0	270.71	271.01	271.28	271.51	271.70	271.75	271.79	271.82	271.87	271.95
70.5	260.95	261.22	261.47	261.67	261.85	261.89	261.92	261.96	262.01	262.11
71.0	251.38	251.62	251.84	252.02	252.17	252.21	252.25	252.29	252.35	252.46
71.5	241.96	242.17	242.35	242.51	242.64	242.70	242.75	242.82	242.91	243.04
72.0	232.69	232.88	233.03	233.16	233.28	233.35	233.42	233.51	233.62	233.77
72.5	223.59	223.78	223.93	224.06	224.17	224.23	224.29	224.36	224.46	224.60
73.0	214.57	214.76	214.91	215.04	215.15	215.19	215.23	215.29	215.37	215.49
73.5	205.52	205.70	205.85	205.97	206.08	206.11	206.13	206.17	206.24	206.35
74.0	196.50	196.67	196.81	196.93	197.02	197.04	197.06	197.09	197.15	197.26
74.5	187.54	187.70	187.83	187.93	188.02	188.04	188.06	188.09	188.15	188.26
75.0	178.61	178.76	178.88	178.97	179.05	179.07	179.09	179.13	179.19	179.30
75.5	169.72	169.86	169.97	170.06	170.13	170.15	170.17	170.20	170.26	170.36
76.0	160.80	160.93	161.05	161.14	161.21	161.22	161.23	161.26	161.30	161.39
76.5	151.70	151.87	152.00	152.12	152.21	152.22	152.22	152.23	152.27	152.33
77.0	142.59	142.78	142.94	143.08	143.20	143.20	143.19	143.18	143.20	143.25
77.5	133.68	133.88	134.05	134.20	134.31	134.30	134.27	134.24	134.23	134.26
78.0	124.61	124.81	124.98	125.12	125.24	125.21	125.16	125.11	125.08	125.08
78.5	114.99	115.17	115.33	115.47	115.59	115.53	115.46	115.39	115.35	115.34
79.0	105.12	105.29	105.45	105.59	105.71	105.65	105.57	105.50	105.45	105.44
79.5	95.31	95.49	95.66	95.82	95.95	95.92	95.88	95.84	95.81	95.81
80.0	85.24	85.44	85.64	85.82	85.99	86.00	85.99	85.98	85.98	86.00
80.5	74.55	74.80	75.04	75.27	75.47	75.52	75.53	75.54	75.54	75.54
81.0	63.75	64.02	64.29	64.54	64.77	64.83	64.86	64.87	64.87	64.87
81.5	53.17	53.38	53.60	53.80	53.99	54.05	54.08	54.10	54.10	54.11
82.0	43.00	43.14	43.29	43.42	43.55	43.59	43.62	43.64	43.65	43.65
82.5	33.43	33.54	33.65	33.74	33.83	33.85	33.86	33.86	33.85	33.82
83.0	24.78	24.86	24.94	25.00	25.05	25.06	25.06	25.04	25.01	24.97
83.5	17.33	17.38	17.43	17.46	17.49	17.51	17.53	17.53	17.51	17.48
84.0	11.30	11.33	11.35	11.37	11.38	11.42	11.45	11.48	11.49	11.48
84.5	7.15	7.18	7.19	7.21	7.21	7.26	7.30	7.33	7.34	7.34
85.0	4.44	4.46	4.48	4.49	4.50	4.54	4.57	4.60	4.62	4.62
85.5	3.03	3.04	3.05	3.05	3.05	3.07	3.09	3.10	3.11	3.12
86.0	2.44	2.44	2.43	2.43	2.42	2.43	2.43	2.43	2.42	2.42
86.5	2.14	2.14	2.15	2.15	2.15	2.14	2.13	2.13	2.12	2.11
87.0	2.09	2.10	2.11	2.12	2.12	2.11	2.11	2.10	2.09	2.08
87.5	2.06	2.06	2.07	2.07	2.08	2.07	2.07	2.06	2.05	2.04
88.0	2.07	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.06
88.5	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.09
89.0	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
89.5	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
90.0	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20

**Vert.  
Angles**

**Horizontal Angles**

	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>
0.0	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29891.70	29891.66	29891.55	29891.36	29891.08	29890.72	29890.26	29890.39	29890.46	29890.50
1.0	29887.82	29887.79	29887.64	29887.36	29886.95	29886.39	29885.68	29885.98	29886.18	29886.30

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**CANDELA TABULATION - (Cont.)**

1.5	29880.03	29880.04	29879.94	29879.72	29879.36	29878.82	29878.10	29878.66	29879.08	29879.37
2.0	29869.46	29869.54	29869.54	29869.43	29869.17	29868.73	29868.09	29868.90	29869.51	29869.95
2.5	29857.42	29857.58	29857.66	29857.62	29857.42	29857.03	29856.39	29857.28	29857.94	29858.42
3.0	29843.04	29843.30	29843.48	29843.53	29843.39	29843.01	29842.34	29843.24	29843.89	29844.34
3.5	29825.94	29826.36	29826.68	29826.83	29826.73	29826.35	29825.59	29826.47	29827.04	29827.36
4.0	29805.94	29806.56	29807.05	29807.32	29807.29	29806.89	29806.04	29806.89	29807.36	29807.52
4.5	29782.77	29783.60	29784.27	29784.68	29784.74	29784.35	29783.41	29784.27	29784.69	29784.75
5.0	29756.31	29757.40	29758.32	29758.94	29759.16	29758.85	29757.90	29758.73	29759.04	29758.94
5.5	29726.39	29727.86	29729.17	29730.19	29730.76	29730.75	29730.01	29730.64	29730.65	29730.18
6.0	29692.91	29694.75	29696.46	29697.87	29698.80	29699.10	29698.57	29698.99	29698.70	29697.85
6.5	29655.75	29657.84	29659.80	29661.43	29662.54	29662.96	29662.46	29662.82	29662.38	29661.34
7.0	29614.73	29617.01	29619.15	29620.93	29622.14	29622.59	29622.06	29622.40	29621.88	29620.71
7.5	29569.55	29572.00	29574.29	29576.19	29577.48	29577.94	29577.34	29577.68	29577.09	29575.79
8.0	29520.44	29523.03	29525.41	29527.38	29528.67	29529.07	29528.33	29528.68	29528.03	29526.61
8.5	29468.10	29470.76	29473.15	29475.05	29476.22	29476.43	29475.43	29475.72	29474.99	29473.46
9.0	29410.78	29413.53	29415.95	29417.80	29418.85	29418.86	29417.61	29417.84	29417.02	29415.37
9.5	29346.78	29349.76	29352.38	29354.38	29355.50	29355.49	29354.08	29354.33	29353.40	29351.56
10.0	29276.67	29279.87	29282.69	29284.84	29286.04	29285.99	29284.42	29284.72	29283.73	29281.71
10.5	29200.83	29204.12	29206.97	29209.09	29210.16	29209.88	29207.96	29208.38	29207.41	29205.37
11.0	29118.08	29121.41	29124.27	29126.33	29127.29	29126.81	29124.58	29125.15	29124.25	29122.20
11.5	29027.12	29030.51	29033.48	29035.67	29036.77	29036.40	29034.24	29034.92	29034.00	29031.80
12.0	28928.70	28932.08	28935.10	28937.37	28938.53	28938.21	28936.04	28936.96	28936.13	28933.89
12.5	28823.63	28826.86	28829.66	28831.65	28832.46	28831.70	28829.01	28830.46	28830.09	28828.24
13.0	28710.46	28713.52	28716.05	28717.68	28718.04	28716.73	28713.38	28715.47	28715.65	28714.27
13.5	28588.07	28591.04	28593.45	28594.89	28594.97	28593.28	28589.43	28592.08	28592.66	28591.50
14.0	28456.33	28459.21	28461.47	28462.72	28462.51	28460.43	28456.05	28459.37	28460.39	28459.51
14.5	28315.03	28317.71	28319.73	28320.66	28320.05	28317.47	28312.45	28316.64	28318.38	28318.05
15.0	28163.36	28165.74	28167.44	28167.97	28166.89	28163.74	28158.05	28163.21	28165.76	28166.10
15.5	28000.85	28002.80	28004.04	28004.09	28002.50	27998.79	27992.51	27998.52	28001.81	28002.76
16.0	27826.30	27827.74	27828.43	27827.90	27825.70	27821.35	27814.40	27821.46	27825.68	27827.41
16.5	27638.18	27639.06	27639.13	27637.92	27634.98	27629.84	27622.04	27630.64	27636.26	27639.23
17.0	27437.03	27437.25	27436.59	27434.59	27430.78	27424.71	27415.90	27426.29	27433.52	27437.91
17.5	27223.56	27222.98	27221.43	27218.46	27213.61	27206.41	27196.38	27208.60	27217.42	27223.15
18.0	26995.72	26994.21	26991.67	26987.66	26981.70	26973.34	26962.11	26976.29	26986.86	26994.09
18.5	26751.21	26748.67	26745.11	26740.10	26733.20	26723.95	26711.92	26728.23	26740.82	26749.91
19.0	26491.45	26487.77	26483.07	26476.93	26468.93	26458.63	26445.62	26464.24	26479.03	26490.16
19.5	26218.23	26213.31	26207.25	26199.60	26189.95	26177.87	26162.91	26184.12	26201.24	26214.43
20.0	25928.18	25921.92	25914.38	25905.13	25893.75	25879.81	25862.87	25886.78	25906.36	25921.72
20.5	25617.85	25610.18	25601.22	25590.58	25577.87	25562.70	25544.67	25571.20	25593.26	25610.91
21.0	25289.21	25279.98	25269.47	25257.33	25243.23	25226.80	25207.71	25237.04	25261.78	25281.96
21.5	24943.69	24932.68	24920.26	24906.17	24890.10	24871.77	24850.89	24883.55	24911.51	24934.71
22.0	24579.36	24566.50	24552.12	24536.00	24517.91	24497.61	24474.84	24510.87	24542.11	24568.39
22.5	24194.43	24179.87	24163.78	24145.97	24126.24	24104.38	24080.19	24118.95	24152.89	24181.79
23.0	23789.83	23773.56	23755.76	23736.27	23714.90	23691.48	23665.83	23707.58	23744.44	23776.13
23.5	23366.16	23348.03	23328.30	23306.81	23283.44	23258.03	23230.41	23276.43	23317.30	23352.67
24.0	22922.63	22902.67	22881.03	22857.59	22832.25	22804.88	22775.33	22825.81	22870.87	22910.05
24.5	22458.41	22436.91	22413.72	22388.77	22361.94	22333.14	22302.24	22356.35	22404.82	22447.16
25.0	21974.18	21951.05	21926.24	21899.70	21871.38	21841.18	21809.03	21866.81	21918.82	21964.49
25.5	21470.14	21444.86	21417.84	21389.11	21358.70	21326.62	21292.88	21355.11	21411.59	21461.62
26.0	20946.86	20919.35	20890.06	20859.13	20826.65	20792.74	20757.50	20824.46	20885.65	20940.24
26.5	20404.48	20374.94	20343.73	20311.03	20276.97	20241.72	20205.40	20277.29	20343.12	20401.96
27.0	19844.54	19813.15	19780.26	19746.05	19710.72	19674.41	19637.30	19713.77	19783.90	19846.71
27.5	19267.49	19234.64	19200.51	19165.30	19129.20	19092.40	19055.08	19134.75	19208.14	19274.19
28.0	18676.81	18642.43	18606.90	18570.45	18533.31	18495.71	18457.86	18540.67	18617.32	18686.63
28.5	18076.75	18040.10	18002.07	17963.05	17923.36	17883.36	17843.38	17930.65	18011.74	18085.35
29.0	17465.46	17426.64	17386.22	17344.67	17302.45	17260.02	17217.81	17309.50	17394.97	17472.78

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

29.5	16840.95	16801.00	16759.47	16716.84	16673.57	16630.13	16586.95	16681.91	16770.54	16851.39
30.0	16207.78	16166.96	16124.65	16081.30	16037.38	15993.33	15949.60	16047.43	16138.87	16222.42
30.5	15569.34	15527.28	15483.71	15439.14	15394.09	15349.05	15304.52	15405.36	15499.83	15586.36
31.0	14927.13	14884.02	14839.40	14793.88	14748.02	14702.38	14657.53	14761.16	14858.49	14947.87
31.5	14282.59	14238.97	14194.03	14148.40	14102.72	14057.60	14013.65	14119.79	14219.74	14311.78
32.0	13639.37	13595.68	13550.89	13505.67	13460.70	13416.63	13374.11	13482.06	13583.96	13678.02
32.5	13001.00	12957.80	12913.68	12869.35	12825.48	12782.73	12741.78	12850.06	12952.42	13047.06
33.0	12369.27	12326.78	12283.53	12240.24	12197.56	12156.16	12116.72	12224.96	12327.36	12422.13
33.5	11746.28	11704.41	11661.87	11619.34	11577.52	11537.08	11498.70	11607.70	11710.81	11806.23
34.0	11134.57	11093.38	11051.53	11009.73	10968.67	10929.03	10891.51	11001.04	11104.64	11200.55
34.5	10537.70	10497.28	10456.11	10414.93	10374.48	10335.44	10298.54	10407.50	10510.79	10606.61
35.0	9954.64	9915.15	9874.88	9834.58	9794.99	9756.83	9720.84	9828.65	9931.10	10026.36
35.5	9383.70	9345.45	9306.61	9267.91	9230.07	9193.79	9159.78	9266.15	9367.35	9461.57
36.0	8830.38	8793.60	8756.43	8719.58	8683.72	8649.55	8617.73	8722.19	8821.64	8914.32
36.5	8300.68	8265.65	8230.23	8195.12	8160.99	8128.49	8098.30	8200.09	8297.04	8387.45
37.0	7791.48	7758.23	7724.57	7691.17	7658.69	7627.78	7599.08	7698.12	7792.46	7880.48
37.5	7300.90	7269.21	7237.12	7205.28	7174.35	7144.94	7117.71	7215.00	7307.67	7394.10
38.0	6831.11	6800.96	6770.46	6740.25	6710.96	6683.22	6657.66	6752.68	6843.23	6927.67
38.5	6383.43	6354.94	6326.29	6298.09	6270.96	6245.51	6222.33	6312.75	6399.08	6479.75
39.0	5958.55	5931.73	5904.90	5878.67	5853.63	5830.36	5809.44	5894.98	5976.81	6053.43
39.5	5558.07	5532.83	5507.56	5482.82	5459.17	5437.17	5417.38	5499.84	5578.64	5652.35
40.0	5180.58	5156.90	5133.10	5109.72	5087.30	5066.35	5047.41	5126.84	5202.61	5273.38
40.5	4825.17	4802.87	4780.43	4758.36	4737.18	4717.36	4699.42	4774.40	4845.98	4912.87
41.0	4491.98	4471.35	4450.63	4430.27	4410.73	4392.45	4375.90	4446.18	4513.26	4575.95
41.5	4180.29	4162.74	4145.34	4128.43	4112.34	4097.41	4083.98	4150.14	4213.01	4271.49
42.0	3891.83	3876.68	3861.79	3847.41	3833.78	3821.14	3809.73	3871.70	3930.36	3984.66
42.5	3632.07	3615.80	3599.26	3582.73	3566.50	3550.85	3536.05	3593.21	3647.50	3697.94
43.0	3389.10	3371.53	3353.22	3334.52	3315.78	3297.35	3279.58	3331.81	3381.71	3428.36
43.5	3148.22	3132.45	3116.28	3100.10	3084.29	3069.24	3055.33	3102.67	3148.09	3190.74
44.0	2923.17	2909.73	2896.33	2883.38	2871.27	2860.39	2851.13	2894.09	2935.36	2974.17
44.5	2726.07	2713.75	2701.39	2689.39	2678.09	2667.87	2659.08	2699.03	2737.12	2772.62
45.0	2547.01	2535.47	2523.73	2512.13	2501.01	2490.68	2481.46	2518.69	2553.83	2586.22
45.5	2379.75	2368.93	2357.94	2347.08	2336.67	2327.01	2318.39	2352.10	2383.84	2413.00
46.0	2225.43	2215.30	2205.04	2194.95	2185.31	2176.41	2168.50	2198.70	2227.11	2253.18
46.5	2083.54	2074.23	2064.81	2055.53	2046.64	2038.38	2031.00	2058.24	2083.75	2107.04
47.0	1952.82	1944.29	1935.65	1927.11	1918.90	1911.20	1904.24	1928.79	1951.65	1972.38
47.5	1831.60	1823.73	1815.73	1807.80	1800.12	1792.87	1786.23	1808.22	1828.62	1847.06
48.0	1720.52	1713.10	1705.53	1697.99	1690.65	1683.68	1677.24	1696.82	1714.93	1731.26
48.5	1621.25	1613.76	1606.08	1598.40	1590.94	1583.87	1577.39	1594.47	1610.27	1624.48
49.0	1528.99	1521.55	1513.88	1506.20	1498.71	1491.61	1485.10	1500.24	1514.20	1526.67
49.5	1437.88	1431.46	1424.81	1418.05	1411.33	1404.78	1398.52	1413.51	1427.06	1438.90
50.0	1352.70	1347.40	1341.87	1336.16	1330.34	1324.44	1318.54	1333.22	1346.24	1357.39
50.5	1277.29	1272.47	1267.44	1262.24	1256.90	1251.44	1245.91	1257.88	1268.45	1277.47
51.0	1208.57	1204.04	1199.33	1194.46	1189.46	1184.36	1179.18	1188.15	1196.09	1202.86
51.5	1144.80	1140.61	1136.23	1131.69	1126.99	1122.15	1117.18	1124.58	1131.08	1136.57
52.0	1085.74	1081.87	1077.81	1073.55	1069.12	1064.51	1059.73	1066.06	1071.57	1076.14
52.5	1030.59	1027.02	1023.26	1019.31	1015.16	1010.82	1006.27	1011.70	1016.35	1020.15
53.0	979.33	976.06	972.60	968.96	965.12	961.06	956.77	961.43	965.35	968.47
53.5	931.82	928.86	925.74	922.44	918.94	915.22	911.25	915.07	918.22	920.64
54.0	887.70	885.05	882.25	879.28	876.10	872.71	869.05	872.07	874.48	876.26
54.5	846.65	844.27	841.75	839.04	836.12	832.95	829.49	831.79	833.55	834.74
55.0	808.38	806.25	803.98	801.52	798.82	795.86	792.58	794.25	795.43	796.11
55.5	772.49	770.60	768.58	766.37	763.92	761.20	758.15	759.30	760.00	760.26
56.0	738.97	737.31	735.52	733.55	731.35	728.87	726.05	726.75	727.03	726.91
56.5	707.78	706.34	704.77	703.03	701.06	698.79	696.19	696.44	696.31	695.82
57.0	678.61	677.38	676.02	674.49	672.72	670.66	668.26	668.09	667.59	666.78

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

57.5	651.18	650.12	648.95	647.60	646.02	644.14	641.90	641.39	640.57	639.47
58.0	625.39	624.50	623.51	622.34	620.94	619.23	617.16	616.34	615.23	613.89
58.5	601.10	600.40	599.59	598.62	597.42	595.91	594.02	592.92	591.55	589.97
59.0	578.18	577.66	577.04	576.26	575.25	573.93	572.24	570.88	569.28	567.49
59.5	556.42	556.06	555.62	555.02	554.19	553.05	551.52	549.96	548.17	546.21
60.0	535.89	535.68	535.40	534.96	534.29	533.30	531.91	530.19	528.24	526.12
60.5	516.65	516.56	516.40	516.08	515.54	514.67	513.41	511.54	509.44	507.20
61.0	498.49	498.50	498.44	498.24	497.80	497.05	495.89	493.88	491.66	489.32
61.5	481.20	481.32	481.37	481.28	480.95	480.30	479.24	477.12	474.79	472.36
62.0	464.80	465.01	465.16	465.17	464.93	464.37	463.40	461.19	458.79	456.28
62.5	449.23	449.52	449.75	449.84	449.68	449.20	448.30	446.04	443.57	441.01
63.0	434.41	434.77	435.08	435.23	435.15	434.74	433.92	431.60	429.08	426.47
63.5	420.24	420.68	421.07	421.31	421.32	421.00	420.26	417.86	415.27	412.60
64.0	406.68	407.19	407.65	407.97	408.05	407.81	407.14	404.69	402.05	399.33
64.5	393.69	394.23	394.72	395.07	395.18	394.97	394.34	391.89	389.27	386.56
65.0	381.20	381.76	382.28	382.65	382.79	382.61	382.02	379.60	377.00	374.32
65.5	369.17	369.79	370.36	370.79	370.99	370.87	370.34	367.93	365.34	362.67
66.0	357.54	358.21	358.83	359.32	359.59	359.53	359.07	356.66	354.06	351.38
66.5	346.21	346.93	347.61	348.16	348.47	348.46	348.03	345.59	342.96	340.24
67.0	335.10	335.87	336.59	337.18	337.54	337.57	337.17	334.72	332.06	329.32
67.5	324.08	324.86	325.61	326.21	326.60	326.66	326.30	323.92	321.32	318.63
68.0	313.25	314.03	314.78	315.40	315.81	315.90	315.60	313.30	310.78	308.17
68.5	302.67	303.46	304.22	304.87	305.30	305.43	305.18	302.96	300.51	297.96
69.0	292.29	293.10	293.88	294.54	295.00	295.17	294.97	292.82	290.45	287.96
69.5	282.10	282.92	283.72	284.40	284.89	285.10	284.94	282.86	280.54	278.11
70.0	272.09	272.93	273.74	274.45	274.96	275.19	275.07	273.05	270.81	268.44
70.5	262.26	263.10	263.93	264.65	265.18	265.44	265.35	263.43	261.27	258.98
71.0	252.62	253.46	254.29	255.01	255.55	255.83	255.76	253.93	251.87	249.67
71.5	243.22	244.04	244.84	245.55	246.07	246.33	246.25	244.52	242.56	240.47
72.0	233.97	234.77	235.54	236.22	236.71	236.96	236.87	235.23	233.37	231.37
72.5	224.79	225.58	226.34	227.01	227.52	227.77	227.71	226.13	224.32	222.38
73.0	215.66	216.44	217.20	217.87	218.39	218.67	218.63	217.10	215.34	213.45
73.5	206.52	207.28	208.04	208.72	209.24	209.53	209.52	208.06	206.37	204.54
74.0	197.42	198.17	198.93	199.60	200.13	200.43	200.44	199.05	197.43	195.67
74.5	188.42	189.18	189.93	190.60	191.13	191.44	191.46	190.13	188.57	186.86
75.0	179.47	180.21	180.95	181.61	182.12	182.42	182.44	181.17	179.67	178.03
75.5	170.51	171.20	171.88	172.50	172.97	173.23	173.22	172.04	170.63	169.09
76.0	161.52	162.16	162.79	163.36	163.78	164.01	163.98	162.88	161.57	160.12
76.5	152.45	153.08	153.70	154.25	154.67	154.90	154.88	153.83	152.59	151.20
77.0	143.35	143.97	144.58	145.13	145.56	145.80	145.80	144.81	143.63	142.32
77.5	134.34	134.93	135.52	136.06	136.48	136.72	136.74	135.86	134.78	133.56
78.0	125.14	125.70	126.28	126.80	127.22	127.48	127.52	126.74	125.77	124.66
78.5	115.39	115.96	116.55	117.09	117.54	117.82	117.90	117.22	116.33	115.31
79.0	105.49	106.06	106.64	107.19	107.64	107.93	108.03	107.43	106.62	105.67
79.5	95.87	96.38	96.90	97.37	97.75	97.98	98.02	97.48	96.74	95.87
80.0	86.05	86.49	86.92	87.30	87.59	87.73	87.68	87.19	86.51	85.70
80.5	75.57	75.94	76.29	76.58	76.77	76.82	76.69	76.22	75.57	74.80
81.0	64.87	65.17	65.45	65.66	65.77	65.74	65.53	65.09	64.50	63.79
81.5	54.11	54.38	54.61	54.78	54.85	54.77	54.51	54.20	53.73	53.16
82.0	43.65	43.88	44.08	44.21	44.23	44.12	43.83	43.67	43.36	42.94
82.5	33.80	33.94	34.06	34.11	34.07	33.92	33.63	33.60	33.44	33.19
83.0	24.91	24.97	24.99	24.97	24.87	24.69	24.40	24.49	24.47	24.37
83.5	17.43	17.41	17.36	17.27	17.12	16.92	16.65	16.83	16.93	16.96
84.0	11.44	11.37	11.27	11.13	10.97	10.77	10.53	10.75	10.92	11.04
84.5	7.32	7.26	7.17	7.05	6.91	6.74	6.54	6.72	6.87	6.98
85.0	4.61	4.57	4.52	4.44	4.34	4.22	4.08	4.19	4.27	4.34

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

85.5	3.11	3.09	3.06	3.02	2.96	2.90	2.83	2.88	2.92	2.95
86.0	2.42	2.41	2.41	2.40	2.38	2.37	2.35	2.36	2.37	2.38
86.5	2.11	2.11	2.11	2.11	2.12	2.12	2.12	2.13	2.13	2.13
87.0	2.07	2.08	2.08	2.09	2.09	2.10	2.10	2.11	2.12	2.12
87.5	2.04	2.04	2.05	2.06	2.06	2.07	2.07	2.08	2.08	2.08
88.0	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.08
88.5	2.09	2.10	2.10	2.10	2.11	2.10	2.10	2.10	2.10	2.10
89.0	2.14	2.14	2.15	2.15	2.15	2.14	2.14	2.14	2.13	2.13
89.5	2.17	2.18	2.18	2.19	2.19	2.18	2.18	2.18	2.17	2.17
90.0	2.20	2.21	2.22	2.22	2.23	2.23	2.22	2.22	2.22	2.21

**Vert.  
Angles**

**Horizontal Angles**

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29890.51	29890.50	29890.49	29890.59	29890.71	29890.82	29890.94	29891.06	29891.18	29891.30
1.0	29886.37	29886.39	29886.40	29886.60	29886.80	29887.01	29887.22	29887.42	29887.61	29887.82
1.5	29879.56	29879.68	29879.76	29880.03	29880.31	29880.57	29880.82	29881.05	29881.27	29881.50
2.0	29870.26	29870.46	29870.60	29870.95	29871.29	29871.59	29871.88	29872.13	29872.37	29872.58
2.5	29858.75	29858.97	29859.11	29859.56	29859.98	29860.38	29860.73	29861.05	29861.33	29861.51
3.0	29844.61	29844.77	29844.87	29845.36	29845.85	29846.32	29846.75	29847.13	29847.46	29847.63
3.5	29827.48	29827.47	29827.40	29827.84	29828.30	29828.75	29829.18	29829.58	29829.95	29830.21
4.0	29807.45	29807.23	29806.95	29807.34	29807.76	29808.19	29808.63	29809.07	29809.48	29809.85
4.5	29784.55	29784.19	29783.77	29784.20	29784.69	29785.21	29785.75	29786.27	29786.77	29787.15
5.0	29758.55	29757.99	29757.38	29757.85	29758.42	29759.03	29759.66	29760.30	29760.90	29761.29
5.5	29729.38	29728.39	29727.38	29727.77	29728.29	29728.91	29729.60	29730.32	29731.03	29731.54
6.0	29696.62	29695.21	29693.80	29694.10	29694.60	29695.24	29695.99	29696.79	29697.59	29698.19
6.5	29659.89	29658.25	29656.64	29657.04	29657.67	29658.47	29659.37	29660.30	29661.21	29661.69
7.0	29619.10	29617.28	29615.51	29615.98	29616.71	29617.60	29618.59	29619.60	29620.55	29620.90
7.5	29574.00	29571.96	29569.95	29570.22	29570.75	29571.46	29572.29	29573.17	29574.02	29574.44
8.0	29524.65	29522.42	29520.17	29520.22	29520.53	29521.04	29521.67	29522.37	29523.09	29523.52
8.5	29471.38	29469.03	29466.66	29466.72	29467.04	29467.55	29468.16	29468.82	29469.45	29469.56
9.0	29413.15	29410.64	29408.13	29408.21	29408.55	29409.07	29409.68	29410.29	29410.83	29410.62
9.5	29349.08	29346.26	29343.42	29343.31	29343.48	29343.84	29344.30	29344.80	29345.24	29345.02
10.0	29278.98	29275.86	29272.69	29272.39	29272.38	29272.57	29272.89	29273.26	29273.60	29273.44
10.5	29202.56	29199.33	29196.02	29195.71	29195.68	29195.86	29196.16	29196.50	29196.80	29196.56
11.0	29119.32	29115.98	29112.55	29112.21	29112.14	29112.28	29112.54	29112.83	29113.08	29112.74
11.5	29028.68	29025.02	29021.22	29020.64	29020.35	29020.25	29020.30	29020.40	29020.50	29020.14
12.0	28930.63	28926.74	28922.65	28921.82	28921.25	28920.88	28920.65	28920.52	28920.41	28920.00
12.5	28825.28	28821.60	28817.64	28816.69	28815.93	28815.32	28814.82	28814.39	28814.00	28813.48
13.0	28711.69	28708.29	28704.51	28703.52	28702.63	28701.82	28701.07	28700.37	28699.69	28699.02
13.5	28589.01	28585.60	28581.72	28580.74	28579.81	28578.94	28578.09	28577.27	28576.46	28575.65
14.0	28457.14	28453.72	28449.74	28448.75	28447.78	28446.80	28445.83	28444.84	28443.85	28442.86
14.5	28316.08	28312.91	28309.02	28307.91	28306.70	28305.40	28304.04	28302.64	28301.22	28299.89
15.0	28164.63	28161.82	28158.13	28156.87	28155.38	28153.71	28151.92	28150.04	28148.14	28146.48
15.5	28001.77	27999.29	27995.81	27994.46	27992.79	27990.85	27988.73	27986.51	27984.28	27982.48
16.0	27827.06	27825.08	27821.92	27820.51	27818.64	27816.41	27813.94	27811.35	27808.75	27806.87
16.5	27639.93	27638.77	27636.21	27634.78	27632.67	27630.05	27627.09	27623.96	27620.81	27618.78
17.0	27439.80	27439.59	27437.72	27436.24	27433.86	27430.79	27427.27	27423.52	27419.75	27417.58
17.5	27226.13	27226.75	27225.41	27223.75	27220.98	27217.36	27213.20	27208.78	27204.40	27202.21
18.0	26998.32	26999.90	26999.23	26997.49	26994.38	26990.26	26985.48	26980.42	26975.42	26973.18
18.5	26755.80	26758.80	26759.28	26757.81	26754.71	26750.36	26745.19	26739.61	26734.04	26731.45
19.0	26497.87	26502.43	26504.16	26503.01	26499.90	26495.32	26489.73	26483.61	26477.44	26474.53
19.5	26223.89	26229.85	26232.61	26231.42	26227.95	26222.79	26216.48	26209.59	26202.70	26199.89
20.0	25933.04	25940.50	25944.37	25943.17	25939.37	25933.63	25926.59	25918.95	25911.33	25908.63
20.5	25624.28	25633.51	25638.80	25637.98	25634.23	25628.27	25620.83	25612.65	25604.45	25601.47

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**CANDELA TABULATION - (Cont.)**

21.0	25297.62	25308.85	25315.79	25315.44	25311.80	25305.67	25297.84	25289.12	25280.30	25277.00
21.5	24953.10	24966.70	24975.55	24975.50	24971.72	24965.10	24956.55	24946.99	24937.31	24933.93
22.0	24589.61	24605.67	24616.54	24616.88	24613.05	24606.04	24596.88	24586.56	24576.10	24572.67
22.5	24205.46	24223.73	24236.50	24237.64	24234.26	24227.43	24218.21	24207.69	24196.93	24193.32
23.0	23802.38	23822.97	23837.73	23839.74	23836.88	23830.27	23821.03	23810.31	23799.24	23795.41
23.5	23382.20	23405.61	23422.63	23425.34	23422.66	23415.82	23406.05	23394.59	23382.69	23378.57
24.0	22942.97	22969.26	22988.60	22991.96	22989.40	22982.26	22971.88	22959.64	22946.88	22942.61
24.5	22482.91	22511.66	22533.01	22537.01	22534.67	22527.43	22516.74	22504.06	22490.84	22486.85
25.0	22003.29	22034.72	22058.31	22063.00	22060.92	22053.61	22042.63	22029.53	22015.88	22012.29
25.5	21504.50	21539.62	21566.36	21571.92	21570.14	21562.67	21551.21	21537.46	21523.10	21519.77
26.0	20987.40	21026.36	21056.36	21062.84	21061.36	21053.72	21041.75	21027.29	21012.16	21009.06
26.5	20452.94	20495.17	20527.82	20535.05	20533.74	20525.83	20513.29	20498.10	20482.21	20479.40
27.0	19901.23	19946.53	19981.71	19989.85	19988.92	19980.98	19968.13	19952.43	19935.97	19933.28
27.5	19331.84	19380.05	19417.85	19427.55	19427.80	19420.70	19408.37	19392.91	19376.44	19373.21
28.0	18747.46	18798.69	18839.21	18850.40	18851.78	18845.47	18833.61	18818.38	18801.91	18798.37
28.5	18150.19	18205.00	18248.52	18260.28	18261.65	18254.91	18242.39	18226.39	18209.24	18206.70
29.0	17541.52	17599.80	17646.25	17658.65	17660.12	17653.09	17640.03	17623.42	17605.72	17604.28
29.5	16922.99	16983.92	17032.77	17046.98	17049.96	17044.15	17032.04	17016.11	16998.86	16997.45
30.0	16296.59	16359.94	16411.01	16427.13	16431.78	16427.40	16416.46	16401.44	16384.83	16383.39
30.5	15663.38	15729.37	15782.78	15799.99	15805.42	15801.56	15790.97	15776.20	15759.81	15759.17
31.0	15027.64	15096.18	15151.87	15170.02	15176.07	15172.59	15162.21	15147.57	15131.29	15131.46
31.5	14394.16	14465.17	14523.10	14542.46	14549.41	14546.55	14536.56	14522.09	14505.80	14505.99
32.0	13762.43	13835.42	13895.20	13915.81	13923.80	13921.78	13912.43	13898.41	13882.38	13882.55
32.5	13132.18	13206.00	13266.73	13288.62	13297.96	13297.33	13289.33	13276.61	13261.78	13262.63
33.0	12507.51	12581.73	12643.00	12665.95	12676.47	12677.09	12670.38	12658.93	12645.33	12646.93
33.5	11892.20	11966.95	12028.70	12052.04	12062.90	12063.82	12057.38	12046.17	12032.78	12034.68
34.0	11286.97	11362.13	11424.26	11447.85	11458.93	11460.05	11453.79	11442.75	11429.53	11431.84
34.5	10693.16	10768.64	10831.27	10855.49	10867.32	10869.28	10863.95	10853.89	10841.69	10845.11
35.0	10112.64	10188.12	10251.00	10275.80	10288.39	10291.28	10286.97	10278.01	10266.95	10271.47
35.5	9547.02	9621.90	9684.42	9709.38	9722.33	9725.73	9722.04	9713.76	9703.39	9708.38
36.0	8998.46	9072.28	9134.02	9159.08	9172.39	9176.32	9173.28	9165.69	9156.00	9161.13
36.5	8469.62	8541.86	8602.46	8628.06	8642.30	8647.42	8645.68	8639.39	8630.82	8635.68
37.0	7960.54	8031.01	8090.26	8116.00	8130.76	8136.64	8135.83	8130.47	8122.76	8127.43
37.5	7472.67	7541.73	7599.67	7624.00	7637.47	7642.24	7640.52	7634.49	7626.38	7631.72
38.0	7004.40	7071.78	7128.18	7150.97	7163.08	7166.69	7164.03	7157.31	7148.78	7154.63
38.5	6553.22	6617.92	6672.26	6694.86	6707.33	6711.68	6709.96	6704.24	6696.59	6701.69
39.0	6123.36	6185.12	6237.19	6259.69	6272.62	6277.82	6277.17	6272.53	6265.81	6269.83
39.5	5719.55	5778.80	5828.67	5850.04	5862.15	5866.79	5865.75	5860.86	5853.94	5857.34
40.0	5337.77	5394.43	5441.98	5462.07	5473.20	5477.10	5475.52	5470.23	5462.98	5465.75
40.5	4973.78	5027.44	5072.55	5092.11	5103.22	5107.45	5106.39	5101.67	5094.90	5096.63
41.0	4633.06	4683.37	4725.69	4744.25	4754.88	4759.02	4758.13	4753.71	4747.23	4748.17
41.5	4324.43	4370.73	4409.26	4424.57	4432.31	4433.95	4431.01	4425.00	4417.43	4418.87
42.0	4033.56	4076.01	4110.96	4123.39	4128.62	4128.14	4123.48	4116.15	4107.68	4109.24
42.5	3743.55	3783.34	3816.34	3829.19	3835.38	3836.19	3832.91	3826.83	3819.26	3818.61
43.0	3470.84	3508.23	3539.60	3553.51	3561.36	3564.13	3562.85	3558.55	3552.25	3548.98
43.5	3229.76	3264.31	3293.52	3307.47	3315.91	3319.63	3319.45	3316.20	3310.70	3305.66
44.0	3009.71	3041.22	3067.89	3080.87	3088.81	3092.37	3092.27	3089.22	3083.92	3077.97
44.5	2804.80	2832.95	2856.33	2866.08	2871.01	2871.90	2869.51	2864.64	2858.07	2853.01
45.0	2615.18	2640.05	2660.18	2666.55	2668.30	2666.30	2661.43	2654.59	2646.66	2642.76
45.5	2438.97	2461.15	2478.93	2483.91	2484.65	2481.95	2476.65	2469.59	2461.59	2457.61
46.0	2276.36	2296.10	2311.85	2316.03	2316.34	2313.52	2308.32	2301.48	2293.76	2289.38
46.5	2127.60	2144.95	2158.60	2161.65	2161.15	2157.78	2152.25	2145.25	2137.47	2132.84
47.0	1990.55	2005.74	2017.50	2019.66	2018.56	2014.84	2009.14	2002.10	1994.37	1989.43
47.5	1863.16	1876.57	1886.91	1888.94	1888.04	1884.75	1879.60	1873.14	1865.92	1860.39
48.0	1745.48	1757.27	1766.33	1768.17	1767.38	1764.40	1759.71	1753.75	1747.00	1741.09
48.5	1636.77	1646.85	1654.42	1655.06	1653.30	1649.59	1644.38	1638.12	1631.27	1625.81



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**CANDELA TABULATION - (Cont.)**

49.0	1537.34	1545.91	1552.09	1551.38	1548.43	1543.72	1537.73	1530.94	1523.83	1519.12
49.5	1448.78	1456.44	1461.63	1459.91	1455.99	1450.39	1443.66	1436.31	1428.88	1425.00
50.0	1366.47	1373.27	1377.60	1375.28	1370.84	1364.82	1357.77	1350.24	1342.78	1339.45
50.5	1284.75	1290.15	1293.49	1291.46	1287.65	1282.49	1276.42	1269.87	1263.27	1259.52
51.0	1208.32	1212.33	1214.77	1213.20	1210.23	1206.16	1201.29	1195.92	1190.34	1186.04
51.5	1140.93	1144.05	1145.83	1144.24	1141.45	1137.71	1133.28	1128.40	1123.34	1119.19
52.0	1079.70	1082.14	1083.38	1081.68	1078.91	1075.32	1071.13	1066.56	1061.85	1058.02
52.5	1023.02	1024.88	1025.69	1023.98	1021.34	1017.97	1014.07	1009.84	1005.48	1001.81
53.0	970.74	972.11	972.54	970.84	968.32	965.17	961.54	957.62	953.58	950.09
53.5	922.31	923.19	923.25	921.53	919.11	916.14	912.78	909.17	905.45	902.22
54.0	877.37	877.80	877.53	875.79	873.47	870.69	867.58	864.28	860.89	857.93
54.5	835.36	835.40	834.85	833.14	830.94	828.38	825.55	822.57	819.52	816.82
55.0	796.29	795.98	795.19	793.52	791.46	789.11	786.55	783.87	781.15	778.67
55.5	760.07	759.47	758.46	756.83	754.89	752.72	750.39	747.95	745.50	743.21
56.0	726.40	725.54	724.35	722.76	720.94	718.95	716.83	714.63	712.42	710.30
56.5	695.02	693.92	692.58	691.06	689.38	687.58	685.69	683.75	681.80	679.86
57.0	665.70	664.40	662.92	661.48	659.95	658.34	656.68	654.99	653.29	651.53
57.5	638.16	636.68	635.08	633.73	632.34	630.92	629.48	628.02	626.56	624.96
58.0	612.36	610.72	609.01	607.73	606.47	605.22	603.98	602.74	601.49	600.03
58.5	588.25	586.45	584.65	583.40	582.22	581.09	579.99	578.92	577.86	576.55
59.0	565.60	563.66	561.76	560.54	559.42	558.40	557.43	556.50	555.60	554.43
59.5	544.15	542.09	540.09	538.92	537.88	536.96	536.13	535.35	534.59	533.53
60.0	523.93	521.76	519.69	518.56	517.61	516.80	516.09	515.44	514.82	513.84
60.5	504.91	502.66	500.54	499.48	498.61	497.91	497.32	496.80	496.30	495.41
61.0	486.95	484.64	482.49	481.48	480.70	480.09	479.62	479.22	478.84	478.01
61.5	469.91	467.54	465.36	464.40	463.69	463.17	462.79	462.49	462.21	461.43
62.0	453.76	451.35	449.14	448.22	447.57	447.13	446.83	446.62	446.42	445.69
62.5	438.45	436.00	433.77	432.89	432.30	431.93	431.71	431.58	431.47	430.80
63.0	423.87	421.40	419.15	418.32	417.78	417.47	417.33	417.27	417.23	416.62
63.5	409.95	407.44	405.18	404.38	403.90	403.65	403.58	403.59	403.63	403.05
64.0	396.64	394.11	391.84	391.07	390.62	390.43	390.41	390.48	390.57	390.03
64.5	383.89	381.37	379.12	378.36	377.93	377.75	377.74	377.83	377.94	377.44
65.0	371.68	369.18	366.95	366.19	365.76	365.57	365.57	365.66	365.78	365.31
65.5	360.03	357.53	355.30	354.54	354.10	353.91	353.91	354.01	354.14	353.71
66.0	348.73	346.23	343.98	343.22	342.78	342.60	342.60	342.71	342.85	342.45
66.5	337.54	334.99	332.72	331.97	331.56	331.42	331.45	331.60	331.78	331.38
67.0	326.59	324.02	321.72	320.99	320.60	320.49	320.55	320.73	320.94	320.53
67.5	315.95	313.42	311.15	310.41	310.01	309.87	309.92	310.08	310.27	309.89
68.0	305.57	303.09	300.87	300.12	299.69	299.51	299.52	299.64	299.80	299.46
68.5	295.41	292.98	290.79	290.02	289.57	289.36	289.34	289.42	289.56	289.23
69.0	285.46	283.07	280.90	280.13	279.65	279.41	279.35	279.41	279.51	279.19
69.5	275.66	273.31	271.18	270.38	269.88	269.61	269.52	269.54	269.62	269.31
70.0	266.05	263.75	261.65	260.85	260.32	260.02	259.90	259.89	259.95	259.64
70.5	256.67	254.43	252.39	251.58	251.05	250.73	250.57	250.53	250.55	250.24
71.0	247.44	245.28	243.30	242.50	241.95	241.61	241.42	241.35	241.34	241.01
71.5	238.33	236.25	234.34	233.53	232.96	232.58	232.35	232.24	232.19	231.87
72.0	229.32	227.32	225.47	224.66	224.07	223.67	223.41	223.26	223.19	222.88
72.5	220.38	218.44	216.63	215.85	215.28	214.89	214.65	214.51	214.43	214.13
73.0	211.50	209.60	207.85	207.09	206.55	206.19	205.96	205.83	205.77	205.47
73.5	202.66	200.82	199.10	198.36	197.83	197.47	197.24	197.11	197.04	196.77
74.0	193.85	192.07	190.40	189.68	189.15	188.79	188.56	188.43	188.37	188.13
74.5	185.09	183.35	181.73	181.04	180.53	180.19	179.98	179.87	179.82	179.61
75.0	176.32	174.64	173.08	172.42	171.95	171.63	171.44	171.35	171.32	171.13
75.5	167.48	165.89	164.41	163.79	163.35	163.06	162.89	162.81	162.79	162.62
76.0	158.62	157.12	155.73	155.16	154.76	154.49	154.34	154.27	154.26	154.11
76.5	149.76	148.34	147.01	146.49	146.14	145.91	145.79	145.75	145.76	145.61

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**CANDELA TABULATION - (Cont.)**

77.0	140.94	139.58	138.32	137.84	137.52	137.32	137.23	137.20	137.22	137.08
77.5	132.28	131.01	129.81	129.34	129.01	128.79	128.67	128.62	128.61	128.47
78.0	123.48	122.29	121.16	120.70	120.36	120.13	119.98	119.90	119.87	119.74
78.5	114.20	113.09	112.03	111.61	111.31	111.12	111.01	110.96	110.97	110.91
79.0	104.64	103.59	102.60	102.23	101.98	101.83	101.76	101.75	101.79	101.78
79.5	94.91	93.94	93.01	92.67	92.43	92.28	92.20	92.18	92.19	92.13
80.0	84.82	83.91	83.05	82.73	82.50	82.35	82.26	82.22	82.21	82.09
80.5	73.97	73.12	72.31	72.02	71.83	71.71	71.65	71.63	71.64	71.54
81.0	63.02	62.24	61.50	61.26	61.10	61.02	60.99	61.01	61.05	61.00
81.5	52.52	51.86	51.24	51.05	50.93	50.88	50.88	50.91	50.98	50.99
82.0	42.46	41.95	41.46	41.32	41.24	41.21	41.22	41.26	41.32	41.38
82.5	32.87	32.53	32.18	32.09	32.03	31.99	31.98	31.99	32.01	32.03
83.0	24.22	24.03	23.82	23.76	23.70	23.65	23.61	23.57	23.53	23.47
83.5	16.95	16.89	16.79	16.74	16.67	16.59	16.49	16.37	16.25	16.09
84.0	11.11	11.14	11.13	11.08	11.00	10.89	10.75	10.58	10.40	10.16
84.5	7.05	7.09	7.10	7.07	7.01	6.92	6.80	6.67	6.51	6.31
85.0	4.38	4.40	4.40	4.38	4.35	4.30	4.23	4.15	4.05	3.92
85.5	2.97	2.98	2.98	2.97	2.95	2.92	2.89	2.85	2.80	2.73
86.0	2.38	2.37	2.37	2.36	2.35	2.34	2.33	2.32	2.31	2.29
86.5	2.13	2.12	2.11	2.11	2.10	2.09	2.08	2.07	2.06	2.06
87.0	2.12	2.12	2.11	2.10	2.08	2.07	2.06	2.05	2.03	2.03
87.5	2.08	2.07	2.07	2.06	2.05	2.04	2.03	2.02	2.01	2.01
88.0	2.07	2.07	2.06	2.06	2.05	2.04	2.04	2.03	2.03	2.03
88.5	2.09	2.08	2.08	2.07	2.07	2.07	2.06	2.06	2.06	2.06
89.0	2.12	2.12	2.11	2.11	2.10	2.10	2.10	2.10	2.10	2.10
89.5	2.16	2.15	2.14	2.14	2.14	2.13	2.13	2.13	2.13	2.13
90.0	2.20	2.19	2.18	2.18	2.17	2.17	2.16	2.16	2.16	2.16

**Vert. Horizontal Angles**

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29891.42	29891.52	29891.58	29891.62	29891.62	29891.46	29891.26	29891.05	29890.83	29890.60
1.0	29888.00	29888.16	29888.27	29888.33	29888.34	29888.13	29887.87	29887.57	29887.26	29886.94
1.5	29881.70	29881.88	29882.01	29882.10	29882.15	29882.04	29881.89	29881.71	29881.49	29881.26
2.0	29872.77	29872.93	29873.06	29873.16	29873.22	29873.22	29873.20	29873.14	29873.04	29872.92
2.5	29861.65	29861.74	29861.78	29861.79	29861.77	29861.69	29861.59	29861.46	29861.31	29861.15
3.0	29847.73	29847.78	29847.77	29847.71	29847.61	29847.43	29847.23	29847.00	29846.76	29846.52
3.5	29830.42	29830.58	29830.67	29830.71	29830.69	29830.51	29830.28	29830.02	29829.72	29829.42
4.0	29810.17	29810.45	29810.66	29810.81	29810.88	29810.74	29810.52	29810.25	29809.93	29809.58
4.5	29787.48	29787.75	29787.96	29788.10	29788.16	29788.07	29787.90	29787.67	29787.38	29787.05
5.0	29761.62	29761.88	29762.08	29762.20	29762.25	29762.18	29762.04	29761.83	29761.55	29761.21
5.5	29731.99	29732.38	29732.69	29732.90	29733.02	29732.89	29732.67	29732.35	29731.96	29731.50
6.0	29698.73	29699.20	29699.57	29699.84	29699.98	29699.75	29699.41	29698.96	29698.43	29697.83
6.5	29662.07	29662.35	29662.53	29662.59	29662.53	29662.18	29661.74	29661.21	29660.61	29659.98
7.0	29621.12	29621.21	29621.19	29621.04	29620.79	29620.33	29619.79	29619.18	29618.52	29617.84
7.5	29574.76	29574.96	29575.06	29575.02	29574.85	29574.31	29573.65	29572.91	29572.11	29571.27
8.0	29523.89	29524.17	29524.33	29524.37	29524.25	29523.64	29522.89	29522.05	29521.13	29520.17
8.5	29469.57	29469.47	29469.27	29468.96	29468.55	29467.91	29467.18	29466.38	29465.52	29464.63
9.0	29410.26	29409.78	29409.20	29408.53	29407.79	29407.07	29406.31	29405.52	29404.68	29403.83
9.5	29344.67	29344.20	29343.61	29342.92	29342.13	29341.14	29340.09	29339.00	29337.89	29336.79
10.0	29273.16	29272.77	29272.25	29271.60	29270.82	29269.56	29268.21	29266.81	29265.40	29264.03
10.5	29196.20	29195.71	29195.09	29194.34	29193.44	29192.07	29190.61	29189.11	29187.60	29186.15
11.0	29112.28	29111.70	29110.99	29110.15	29109.18	29107.79	29106.32	29104.82	29103.32	29101.88
11.5	29019.69	29019.15	29018.51	29017.76	29016.89	29015.64	29014.30	29012.93	29011.55	29010.21
12.0	28919.56	28919.06	28918.48	28917.82	28917.06	28915.91	28914.69	28913.42	28912.14	28910.89

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**CANDELA TABULATION - (Cont.)**

12.5	28812.93	28812.35	28811.70	28810.98	28810.17	28808.91	28807.57	28806.21	28804.85	28803.54
13.0	28698.33	28697.62	28696.84	28695.99	28695.05	28693.58	28692.05	28690.51	28689.01	28687.60
13.5	28574.82	28573.95	28573.00	28571.98	28570.85	28569.10	28567.29	28565.50	28563.79	28562.23
14.0	28441.84	28440.77	28439.63	28438.42	28437.12	28435.18	28433.21	28431.29	28429.48	28427.88
14.5	28298.55	28297.20	28295.83	28294.45	28293.05	28291.32	28289.63	28288.01	28286.53	28285.23
15.0	28144.85	28143.26	28141.71	28140.20	28138.77	28137.33	28135.99	28134.76	28133.66	28132.72
15.5	27980.76	27979.10	27977.52	27976.03	27974.64	27973.36	27972.20	27971.15	27970.23	27969.46
16.0	27805.10	27803.43	27801.87	27800.41	27799.07	27797.82	27796.70	27795.70	27794.84	27794.11
16.5	27616.88	27615.11	27613.46	27611.94	27610.52	27609.04	27607.69	27606.48	27605.44	27604.58
17.0	27415.59	27413.77	27412.09	27410.54	27409.09	27407.40	27405.84	27404.44	27403.24	27402.29
17.5	27200.31	27198.64	27197.17	27195.87	27194.70	27193.14	27191.71	27190.47	27189.45	27188.70
18.0	26971.30	26969.73	26968.42	26967.33	26966.39	26965.01	26963.79	26962.78	26962.01	26961.55
18.5	26729.22	26727.32	26725.72	26724.37	26723.24	26721.84	26720.67	26719.77	26719.18	26718.94
19.0	26472.00	26469.81	26467.95	26466.38	26465.09	26463.66	26462.53	26461.71	26461.27	26461.22
19.5	26197.57	26195.68	26194.15	26192.94	26192.00	26190.62	26189.51	26188.73	26188.32	26188.36
20.0	25906.53	25904.94	25903.78	25902.97	25902.42	25901.21	25900.26	25899.63	25899.38	25899.59
20.5	25599.11	25597.31	25596.00	25595.12	25594.62	25593.89	25593.49	25593.46	25593.82	25594.60
21.0	25274.33	25272.26	25270.74	25269.74	25269.22	25268.95	25269.10	25269.67	25270.64	25272.01
21.5	24931.26	24929.25	24927.84	24926.98	24926.62	24926.33	24926.50	24927.13	24928.23	24929.82
22.0	24570.01	24568.06	24566.76	24566.05	24565.86	24565.59	24565.80	24566.53	24567.81	24569.66
22.5	24190.47	24188.35	24186.92	24186.15	24186.01	24186.27	24187.12	24188.56	24190.58	24193.20
23.0	23792.32	23789.97	23788.37	23787.50	23787.38	23788.24	23789.80	23792.03	23794.88	23798.30
23.5	23375.23	23372.66	23370.89	23369.94	23369.83	23370.98	23372.93	23375.61	23378.96	23382.94
24.0	22939.15	22936.53	22934.76	22933.86	22933.85	22935.22	22937.43	22940.43	22944.14	22948.52
24.5	22483.74	22481.50	22480.14	22479.66	22480.07	22481.70	22484.16	22487.39	22491.36	22495.99
25.0	22009.64	22007.90	22007.06	22007.10	22008.00	22009.82	22012.44	22015.82	22019.92	22024.71
25.5	21517.44	21516.06	21515.59	21515.98	21517.20	21519.00	21521.58	21524.91	21529.00	21533.84
26.0	21007.02	21005.96	21005.84	21006.57	21008.11	21009.95	21012.53	21015.89	21020.02	21024.96
26.5	20477.73	20477.12	20477.48	20478.73	20480.79	20482.93	20485.82	20489.47	20493.91	20499.16
27.0	19931.77	19931.37	19931.98	19933.54	19935.95	19938.64	19942.10	19946.34	19951.35	19957.15
27.5	19371.04	19369.93	19369.86	19370.86	19372.92	19376.64	19381.32	19386.86	19393.15	19400.09
28.0	18795.76	18794.16	18793.62	18794.23	18796.03	18800.54	18806.14	18812.65	18819.88	18827.66
28.5	18205.24	18204.85	18205.50	18207.17	18209.84	18213.86	18218.77	18224.49	18230.94	18238.04
29.0	17604.06	17604.94	17606.82	17609.56	17613.07	17616.42	17620.44	17625.16	17630.61	17636.79
29.5	16997.07	16997.67	16999.16	17001.49	17004.59	17008.02	17012.15	17016.98	17022.49	17028.69
30.0	16382.77	16382.97	16384.00	16385.83	16388.49	16392.28	16396.82	16402.04	16407.90	16414.32
30.5	15759.39	15760.44	15762.28	15764.91	15768.30	15772.75	15777.85	15783.53	15789.69	15796.26
31.0	15132.53	15134.42	15137.09	15140.49	15144.55	15149.38	15154.74	15160.56	15166.76	15173.25
31.5	14506.92	14508.56	14510.85	14513.75	14517.20	14521.04	14525.37	14530.15	14535.35	14540.95
32.0	13883.31	13884.62	13886.45	13888.77	13891.56	13894.57	13898.02	13901.91	13906.27	13911.08
32.5	13263.95	13265.74	13268.00	13270.72	13273.91	13277.95	13282.39	13287.15	13292.16	13297.35
33.0	12648.94	12651.36	12654.21	12657.52	12661.29	12666.55	12672.15	12677.93	12683.73	12689.40
33.5	12036.96	12039.63	12042.68	12046.14	12050.00	12055.19	12060.64	12066.23	12071.79	12077.18
34.0	11434.51	11437.53	11440.89	11444.57	11448.56	11453.44	11458.49	11463.60	11468.64	11473.51
34.5	10848.87	10852.92	10857.22	10861.70	10866.32	10871.41	10876.47	10881.38	10886.03	10890.30
35.0	10276.30	10281.35	10286.55	10291.80	10297.03	10302.35	10307.44	10312.18	10316.46	10320.15
35.5	9713.65	9719.08	9724.60	9730.10	9735.48	9740.79	9745.76	9750.30	9754.27	9757.57
36.0	9166.45	9171.87	9177.30	9182.66	9187.86	9192.98	9197.75	9202.02	9205.70	9208.65
36.5	8640.50	8645.25	8649.90	8654.41	8658.77	8663.55	8668.01	8672.01	8675.40	8678.06
37.0	8131.88	8136.14	8140.19	8144.05	8147.72	8152.01	8155.97	8159.48	8162.40	8164.60
37.5	7637.06	7642.28	7647.30	7652.02	7656.33	7659.84	7662.79	7665.16	7666.89	7667.95
38.0	7160.67	7166.70	7172.54	7177.99	7182.88	7185.72	7187.83	7189.24	7189.97	7190.06
38.5	6706.78	6711.75	6716.50	6720.90	6724.84	6727.75	6730.06	6731.74	6732.76	6733.08
39.0	6273.63	6277.17	6280.44	6283.45	6286.18	6289.19	6291.79	6293.89	6295.37	6296.12
39.5	5860.50	5863.43	5866.11	5868.54	5870.74	5873.28	5875.47	5877.21	5878.39	5878.90
40.0	5468.30	5470.63	5472.74	5474.62	5476.27	5478.16	5479.74	5480.91	5481.61	5481.74

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**CANDELA TABULATION - (Cont.)**

40.5	5097.97	5098.97	5099.71	5100.24	5100.63	5101.85	5102.91	5103.71	5104.14	5104.13
41.0	4748.61	4748.65	4748.40	4747.96	4747.42	4747.92	4748.34	4748.60	4748.62	4748.32
41.5	4420.19	4421.36	4422.31	4423.01	4423.40	4422.80	4421.91	4420.78	4419.46	4418.01
42.0	4111.00	4112.81	4114.52	4115.97	4117.03	4115.84	4114.23	4112.36	4110.35	4108.36
42.5	3817.80	3816.89	3815.93	3814.99	3814.12	3814.03	3814.03	3814.05	3814.06	3814.00
43.0	3545.06	3540.81	3536.56	3532.64	3529.39	3530.75	3532.81	3535.27	3537.82	3540.18
43.5	3299.69	3293.28	3286.92	3281.12	3276.37	3278.70	3282.12	3286.16	3290.38	3294.31
44.0	3071.02	3063.64	3056.37	3049.76	3044.36	3046.89	3050.67	3055.19	3059.95	3064.45
44.5	2847.38	2841.55	2835.87	2830.71	2826.43	2827.26	2829.02	2831.41	2834.11	2836.82
45.0	2638.77	2634.83	2631.09	2627.69	2624.77	2623.73	2623.24	2623.22	2623.59	2624.29
45.5	2453.63	2449.76	2446.12	2442.82	2439.98	2438.61	2437.78	2437.44	2437.56	2438.08
46.0	2284.97	2280.69	2276.66	2273.03	2269.94	2268.68	2268.04	2267.95	2268.36	2269.21
46.5	2128.24	2123.81	2119.68	2115.98	2112.84	2111.44	2110.68	2110.52	2110.91	2111.79
47.0	1984.55	1979.87	1975.52	1971.64	1968.38	1966.98	1966.27	1966.21	1966.72	1967.77
47.5	1854.81	1849.39	1844.33	1839.84	1836.10	1835.23	1835.20	1835.88	1837.15	1838.88
48.0	1735.07	1729.18	1723.66	1718.76	1714.73	1714.23	1714.67	1715.86	1717.65	1719.85
48.5	1620.37	1615.14	1610.27	1605.96	1602.38	1601.31	1601.06	1601.51	1602.59	1604.18
49.0	1514.62	1510.41	1506.57	1503.18	1500.32	1498.46	1497.22	1496.61	1496.63	1497.29
49.5	1421.52	1418.42	1415.69	1413.30	1411.23	1408.77	1406.71	1405.17	1404.25	1404.04
50.0	1336.63	1334.25	1332.22	1330.48	1328.94	1326.23	1323.80	1321.80	1320.38	1319.69
50.5	1256.13	1253.10	1250.42	1248.10	1246.13	1244.10	1242.49	1241.37	1240.81	1240.87
51.0	1181.92	1178.06	1174.56	1171.49	1168.95	1167.73	1167.09	1167.01	1167.47	1168.43
51.5	1115.18	1111.41	1107.98	1104.97	1102.48	1101.39	1100.88	1100.91	1101.45	1102.45
52.0	1054.33	1050.87	1047.72	1044.95	1042.65	1041.51	1040.88	1040.77	1041.12	1041.94
52.5	998.28	994.95	991.90	989.21	986.96	985.78	985.11	984.91	985.18	985.90
53.0	946.72	943.53	940.59	937.99	935.80	934.59	933.85	933.58	933.75	934.37
53.5	899.09	896.13	893.40	890.98	888.94	887.75	886.99	886.66	886.75	887.25
54.0	855.06	852.36	849.87	847.65	845.76	844.62	843.87	843.50	843.51	843.90
54.5	814.20	811.73	809.45	807.42	805.68	804.58	803.83	803.42	803.37	803.66
55.0	776.29	774.03	771.94	770.08	768.47	767.42	766.68	766.26	766.15	766.36
55.5	741.00	738.90	736.97	735.23	733.74	732.75	732.05	731.63	731.51	731.68
56.0	708.25	706.30	704.50	702.87	701.47	700.53	699.85	699.44	699.29	699.42
56.5	677.98	676.18	674.50	672.98	671.65	670.70	669.97	669.49	669.26	669.29
57.0	649.80	648.15	646.60	645.17	643.91	642.93	642.17	641.62	641.30	641.23
57.5	623.38	621.85	620.40	619.07	617.88	616.94	616.19	615.64	615.30	615.18
58.0	598.59	597.18	595.85	594.61	593.50	592.62	591.91	591.38	591.03	590.89
58.5	575.26	574.00	572.81	571.70	570.69	569.87	569.19	568.67	568.32	568.16
59.0	553.28	552.16	551.10	550.10	549.20	548.44	547.80	547.31	546.97	546.79
59.5	532.48	531.45	530.48	529.56	528.73	528.03	527.44	526.98	526.67	526.51
60.0	512.87	511.92	511.01	510.16	509.39	508.74	508.20	507.79	507.50	507.36
60.5	494.51	493.63	492.77	491.97	491.24	490.64	490.14	489.75	489.48	489.35
61.0	477.17	476.34	475.53	474.78	474.08	473.52	473.06	472.70	472.45	472.33
61.5	460.63	459.84	459.08	458.35	457.69	457.19	456.79	456.47	456.27	456.17
62.0	444.94	444.19	443.46	442.77	442.14	441.69	441.33	441.06	440.89	440.83
62.5	430.10	429.40	428.71	428.06	427.47	427.04	426.69	426.43	426.26	426.20
63.0	415.97	415.32	414.68	414.06	413.50	413.08	412.74	412.48	412.31	412.24
63.5	402.44	401.81	401.19	400.60	400.05	399.66	399.34	399.10	398.95	398.89
64.0	389.44	388.84	388.25	387.67	387.15	386.78	386.49	386.28	386.15	386.11
64.5	376.89	376.34	375.78	375.26	374.77	374.44	374.18	373.99	373.88	373.86
65.0	364.81	364.30	363.80	363.32	362.88	362.58	362.35	362.18	362.09	362.08
65.5	353.25	352.79	352.33	351.90	351.50	351.22	351.00	350.85	350.76	350.75
66.0	342.03	341.60	341.18	340.78	340.42	340.16	339.96	339.82	339.75	339.74
66.5	330.95	330.52	330.09	329.69	329.33	329.12	328.98	328.90	328.89	328.94
67.0	320.10	319.65	319.22	318.82	318.47	318.31	318.21	318.18	318.22	318.33
67.5	309.49	309.09	308.70	308.33	308.01	307.85	307.74	307.70	307.73	307.82
68.0	299.10	298.74	298.39	298.08	297.79	297.62	297.50	297.43	297.44	297.50

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**CANDELA TABULATION - (Cont.)**

68.5	288.89	288.55	288.23	287.94	287.68	287.52	287.41	287.36	287.37	287.44
69.0	278.86	278.54	278.24	277.98	277.75	277.60	277.51	277.48	277.51	277.60
69.5	269.01	268.71	268.45	268.21	268.01	267.90	267.83	267.82	267.87	267.97
70.0	259.35	259.08	258.84	258.63	258.46	258.37	258.34	258.35	258.42	258.54
70.5	249.94	249.66	249.41	249.21	249.05	248.99	248.99	249.03	249.13	249.28
71.0	240.70	240.42	240.17	239.97	239.82	239.79	239.81	239.89	240.02	240.20
71.5	231.58	231.32	231.10	230.93	230.81	230.81	230.87	230.97	231.13	231.32
72.0	222.61	222.38	222.19	222.05	221.96	221.99	222.06	222.19	222.36	222.57
72.5	213.86	213.63	213.44	213.30	213.21	213.25	213.33	213.47	213.64	213.86
73.0	205.21	204.98	204.79	204.65	204.56	204.60	204.69	204.83	205.00	205.21
73.5	196.54	196.34	196.18	196.06	196.00	196.04	196.13	196.27	196.44	196.65
74.0	187.92	187.76	187.63	187.54	187.51	187.55	187.64	187.78	187.94	188.14
74.5	179.43	179.29	179.18	179.12	179.09	179.14	179.22	179.34	179.49	179.68
75.0	170.97	170.85	170.76	170.71	170.69	170.73	170.81	170.92	171.05	171.22
75.5	162.49	162.38	162.31	162.26	162.25	162.28	162.34	162.43	162.55	162.71
76.0	153.99	153.89	153.82	153.78	153.77	153.80	153.85	153.93	154.04	154.18
76.5	145.49	145.38	145.31	145.26	145.24	145.27	145.33	145.42	145.54	145.68
77.0	136.95	136.84	136.76	136.70	136.68	136.72	136.79	136.89	137.02	137.16
77.5	128.35	128.25	128.18	128.14	128.12	128.17	128.24	128.33	128.45	128.58
78.0	119.65	119.58	119.53	119.51	119.52	119.56	119.63	119.72	119.83	119.95
78.5	110.87	110.87	110.88	110.92	110.97	111.03	111.10	111.18	111.29	111.41
79.0	101.79	101.82	101.88	101.95	102.03	102.10	102.18	102.27	102.38	102.49
79.5	92.09	92.07	92.07	92.09	92.13	92.19	92.27	92.36	92.47	92.60
80.0	82.00	81.92	81.86	81.82	81.81	81.87	81.96	82.07	82.19	82.32
80.5	71.47	71.41	71.37	71.35	71.36	71.47	71.60	71.74	71.89	72.05
81.0	60.97	60.96	60.96	60.99	61.04	61.18	61.34	61.50	61.67	61.83
81.5	51.02	51.06	51.12	51.19	51.27	51.39	51.51	51.63	51.75	51.85
82.0	41.45	41.53	41.61	41.70	41.78	41.86	41.93	41.99	42.05	42.09
82.5	32.06	32.09	32.13	32.17	32.21	32.25	32.28	32.32	32.35	32.37
83.0	23.42	23.37	23.33	23.29	23.26	23.26	23.26	23.27	23.28	23.30
83.5	15.93	15.77	15.61	15.46	15.34	15.28	15.24	15.22	15.21	15.20
84.0	9.92	9.67	9.43	9.20	9.00	8.90	8.83	8.78	8.75	8.73
84.5	6.09	5.87	5.66	5.46	5.27	5.17	5.10	5.04	5.00	4.98
85.0	3.77	3.62	3.47	3.33	3.20	3.12	3.06	3.01	2.97	2.95
85.5	2.66	2.58	2.51	2.44	2.37	2.33	2.30	2.27	2.25	2.23
86.0	2.28	2.27	2.26	2.25	2.24	2.23	2.23	2.22	2.22	2.22
86.5	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.06	2.06	2.06
87.0	2.03	2.03	2.03	2.03	2.02	2.02	2.01	2.01	2.00	2.00
87.5	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.00	2.00	1.99
88.0	2.03	2.03	2.03	2.03	2.04	2.03	2.03	2.03	2.02	2.02
88.5	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06
89.0	2.10	2.10	2.10	2.10	2.10	2.09	2.10	2.10	2.10	2.10
89.5	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13
90.0	2.15	2.15	2.15	2.15	2.15	2.16	2.16	2.16	2.16	2.17

**Vert.  
Angles**

**Horizontal Angles**

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29890.40	29890.29	29890.21	29890.15	29890.12	29890.11	29890.13	29890.21	29890.31	29890.42
1.0	29886.64	29886.45	29886.30	29886.18	29886.09	29886.04	29886.04	29886.14	29886.27	29886.43
1.5	29881.02	29880.78	29880.55	29880.34	29880.15	29879.99	29879.88	29879.93	29880.02	29880.14
2.0	29872.76	29872.51	29872.24	29871.97	29871.71	29871.47	29871.27	29871.24	29871.26	29871.31
2.5	29860.97	29860.78	29860.58	29860.38	29860.20	29860.04	29859.89	29859.84	29859.81	29859.79
3.0	29846.28	29846.13	29845.99	29845.87	29845.76	29845.67	29845.58	29845.52	29845.46	29845.40
3.5	29829.12	29828.88	29828.67	29828.47	29828.29	29828.13	29827.99	29827.98	29827.97	29827.96

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**CANDELA TABULATION - (Cont.)**

4.0	29809.21	29808.86	29808.52	29808.19	29807.88	29807.60	29807.37	29807.34	29807.34	29807.35
4.5	29786.67	29786.23	29785.77	29785.30	29784.84	29784.39	29783.97	29783.70	29783.46	29783.25
5.0	29760.81	29760.29	29759.74	29759.15	29758.55	29757.96	29757.38	29756.87	29756.40	29755.98
5.5	29730.98	29730.40	29729.79	29729.16	29728.53	29727.91	29727.33	29726.85	29726.41	29726.03
6.0	29697.19	29696.57	29695.95	29695.32	29694.71	29694.13	29693.59	29693.18	29692.83	29692.52
6.5	29659.31	29658.74	29658.17	29657.60	29657.05	29656.52	29656.02	29655.56	29655.14	29654.75
7.0	29617.15	29616.60	29616.07	29615.55	29615.04	29614.55	29614.06	29613.55	29613.06	29612.58
7.5	29570.44	29569.81	29569.21	29568.63	29568.07	29567.54	29567.04	29566.55	29566.08	29565.63
8.0	29519.21	29518.46	29517.75	29517.08	29516.43	29515.83	29515.27	29514.77	29514.32	29513.90
8.5	29463.73	29462.88	29462.05	29461.24	29460.45	29459.70	29458.98	29458.35	29457.77	29457.24
9.0	29402.96	29402.07	29401.18	29400.30	29399.43	29398.58	29397.77	29397.00	29396.27	29395.60
9.5	29335.73	29334.94	29334.19	29333.48	29332.80	29332.14	29331.49	29330.68	29329.88	29329.12
10.0	29262.75	29262.06	29261.49	29260.98	29260.52	29260.07	29259.60	29258.76	29257.89	29257.03
10.5	29184.81	29184.13	29183.58	29183.10	29182.66	29182.22	29181.74	29180.75	29179.72	29178.68
11.0	29100.54	29099.84	29099.25	29098.73	29098.24	29097.75	29097.22	29096.15	29095.04	29093.93
11.5	29008.94	29008.15	29007.46	29006.83	29006.24	29005.68	29005.12	29004.28	29003.44	29002.61
12.0	28909.70	28908.85	28908.10	28907.41	28906.78	28906.21	28905.68	28905.13	28904.60	28904.11
12.5	28802.33	28801.57	28800.93	28800.38	28799.91	28799.50	28799.13	28798.70	28798.30	28797.92
13.0	28686.34	28685.74	28685.31	28685.01	28684.80	28684.65	28684.53	28684.21	28683.88	28683.56
13.5	28560.90	28560.56	28560.45	28560.52	28560.71	28560.97	28561.24	28561.11	28560.94	28560.75
14.0	28426.55	28426.42	28426.57	28426.92	28427.42	28427.98	28428.55	28428.56	28428.52	28428.44
14.5	28284.17	28284.02	28284.10	28284.35	28284.71	28285.14	28285.58	28285.49	28285.38	28285.27
15.0	28131.96	28131.71	28131.63	28131.67	28131.81	28132.01	28132.25	28132.13	28132.04	28131.99
15.5	27968.83	27968.48	27968.26	27968.18	27968.22	27968.37	27968.61	27968.88	27969.23	27969.66
16.0	27793.54	27793.14	27792.90	27792.81	27792.88	27793.11	27793.50	27794.24	27795.11	27796.08
16.5	27603.93	27603.68	27603.65	27603.82	27604.19	27604.75	27605.49	27606.52	27607.70	27608.98
17.0	27401.61	27401.62	27401.93	27402.49	27403.29	27404.29	27405.47	27406.76	27408.17	27409.70
17.5	27188.26	27188.68	27189.43	27190.44	27191.68	27193.12	27194.71	27196.30	27197.97	27199.71
18.0	26961.43	26962.29	26963.49	26964.97	26966.67	26968.55	26970.56	26972.46	26974.40	26976.36
18.5	26719.09	26720.28	26721.85	26723.71	26725.83	26728.13	26730.55	26732.74	26734.98	26737.25
19.0	26461.61	26463.12	26465.04	26467.29	26469.81	26472.53	26475.38	26477.91	26480.49	26483.11
19.5	26188.88	26190.80	26193.17	26195.92	26198.96	26202.21	26205.56	26208.50	26211.46	26214.42
20.0	25900.32	25902.54	25905.26	25908.37	25911.80	25915.45	25919.23	25922.66	25926.12	25929.55
20.5	25595.81	25597.93	25600.47	25603.39	25606.65	25610.19	25613.99	25618.06	25622.28	25626.58
21.0	25273.77	25275.88	25278.37	25281.23	25284.44	25288.01	25291.93	25296.71	25301.73	25306.91
21.5	24931.90	24934.76	24938.08	24941.83	24945.97	24950.47	24955.28	24960.77	24966.43	24972.16
22.0	24572.12	24575.83	24580.10	24584.85	24590.01	24595.51	24601.26	24607.38	24613.58	24619.74
22.5	24196.39	24200.53	24205.18	24210.29	24215.77	24221.58	24227.64	24234.18	24240.80	24247.38
23.0	23802.26	23806.76	23811.71	23817.06	23822.76	23828.77	23835.03	23841.89	23848.84	23855.76
23.5	23387.47	23392.49	23397.97	23403.83	23410.03	23416.51	23423.21	23430.30	23437.46	23444.61
24.0	22953.49	22959.03	22965.04	22971.45	22978.19	22985.20	22992.41	22999.80	23007.25	23014.69
24.5	22501.24	22507.11	22513.48	22520.28	22527.45	22534.92	22542.64	22550.75	22558.93	22567.08
25.0	22030.15	22036.39	22043.17	22050.42	22058.06	22066.04	22074.28	22083.02	22091.82	22100.56
25.5	21539.40	21546.30	21553.82	21561.83	21570.22	21578.88	21587.70	21596.34	21604.95	21613.46
26.0	21030.70	21038.26	21046.48	21055.22	21064.32	21073.62	21082.98	21091.48	21099.86	21108.10
26.5	20505.24	20513.27	20522.00	20531.24	20540.84	20550.63	20560.45	20569.36	20578.10	20586.64
27.0	19963.72	19971.90	19980.73	19990.06	19999.75	20009.67	20019.66	20029.23	20038.67	20047.90
27.5	19407.58	19415.03	19422.91	19431.19	19439.85	19448.87	19458.22	19468.87	19479.65	19490.36
28.0	18835.80	18842.69	18849.83	18857.30	18865.15	18873.45	18882.28	18893.68	18905.40	18917.16
28.5	18245.69	18253.56	18261.87	18270.57	18279.63	18289.00	18298.64	18309.30	18320.01	18330.62
29.0	17643.75	17652.56	17662.01	17671.93	17682.19	17692.61	17703.04	17712.79	17722.34	17731.61
29.5	17035.57	17043.72	17052.44	17061.63	17071.17	17080.97	17090.92	17100.89	17110.81	17120.56
30.0	16421.24	16428.36	16435.91	16443.87	16452.21	16460.92	16469.99	16480.28	16490.73	16501.16
30.5	15803.16	15809.66	15816.45	15823.53	15830.95	15838.75	15846.93	15856.91	15867.12	15877.34
31.0	15179.95	15186.05	15192.34	15198.86	15205.65	15212.77	15220.25	15229.64	15239.23	15248.82
31.5	14546.92	14553.19	14559.78	14566.67	14573.85	14581.29	14588.99	14597.60	14606.30	14614.96

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**CANDELA TABULATION - (Cont.)**

32.0	13916.36	13922.56	13929.16	13936.10	13943.30	13950.71	13958.24	13965.81	13973.38	13980.89
32.5	13302.65	13307.45	13312.31	13317.26	13322.31	13327.50	13332.84	13338.80	13344.89	13351.05
33.0	12694.79	12698.12	12701.15	12703.99	12706.77	12709.63	12712.68	12717.16	12721.91	12726.83
33.5	12082.27	12085.34	12088.08	12090.61	12093.04	12095.51	12098.12	12102.13	12106.33	12110.65
34.0	11478.07	11480.92	11483.47	11485.81	11488.04	11490.29	11492.65	11496.30	11500.08	11503.92
34.5	10894.08	10895.66	10896.79	10897.63	10898.33	10899.05	10899.95	10902.69	10905.66	10908.76
35.0	10323.14	10323.39	10323.04	10322.28	10321.33	10320.40	10319.70	10321.33	10323.28	10325.44
35.5	9760.07	9759.76	9758.75	9757.24	9755.46	9753.60	9751.88	9752.19	9752.77	9753.53
36.0	9210.77	9210.10	9208.66	9206.67	9204.32	9201.81	9199.34	9198.46	9197.78	9197.25
36.5	8679.86	8678.63	8676.61	8674.01	8671.03	8667.88	8664.78	8663.34	8662.13	8661.09
37.0	8165.94	8164.30	8161.89	8158.91	8155.56	8152.05	8148.59	8146.76	8145.16	8143.76
37.5	7668.28	7666.78	7664.65	7662.03	7659.06	7655.89	7652.64	7650.19	7647.83	7645.56
38.0	7189.54	7188.11	7186.18	7183.84	7181.16	7178.23	7175.14	7172.19	7169.20	7166.23
38.5	6732.69	6730.57	6727.83	6724.62	6721.06	6717.30	6713.46	6710.44	6707.49	6704.62
39.0	6296.04	6293.23	6289.68	6285.58	6281.13	6276.53	6271.97	6269.01	6266.25	6263.66
39.5	5878.64	5875.85	5872.37	5868.38	5864.05	5859.57	5855.12	5852.11	5849.26	5846.55
40.0	5481.23	5478.68	5475.54	5471.97	5468.09	5464.05	5460.00	5457.01	5454.12	5451.32
40.5	5103.57	5101.08	5098.08	5094.70	5091.07	5087.33	5083.60	5081.00	5078.49	5076.05
41.0	4747.63	4745.45	4742.88	4740.03	4736.97	4733.82	4730.65	4728.30	4725.99	4723.70
41.5	4416.50	4415.66	4414.75	4413.70	4412.46	4410.96	4409.13	4405.83	4402.26	4398.58
42.0	4106.51	4106.66	4106.95	4107.21	4107.30	4107.05	4106.31	4102.79	4098.85	4094.69
42.5	3813.83	3812.90	3811.84	3810.72	3809.58	3808.47	3807.43	3807.41	3807.41	3807.33
43.0	3542.05	3539.74	3536.94	3533.93	3531.00	3528.44	3526.53	3529.61	3533.22	3536.95
43.5	3297.51	3294.86	3291.37	3287.38	3283.25	3279.31	3275.92	3277.17	3279.01	3281.13
44.0	3068.17	3065.87	3062.61	3058.68	3054.40	3050.07	3046.00	3044.86	3044.18	3043.85
44.5	2839.25	2838.49	2837.28	2835.76	2834.05	2832.30	2830.65	2830.24	2830.02	2829.98
45.0	2625.22	2626.09	2627.10	2628.20	2629.36	2630.55	2631.74	2632.71	2633.63	2634.49
45.5	2438.97	2440.37	2442.02	2443.86	2445.83	2447.86	2449.87	2451.48	2452.99	2454.40
46.0	2270.45	2272.03	2273.87	2275.91	2278.09	2280.35	2282.63	2284.68	2286.65	2288.53
46.5	2113.13	2115.05	2117.30	2119.79	2122.45	2125.21	2127.97	2130.32	2132.59	2134.75
47.0	1969.29	1971.37	1973.79	1976.48	1979.35	1982.33	1985.34	1987.93	1990.46	1992.91
47.5	1840.95	1842.61	1844.46	1846.50	1848.70	1851.05	1853.54	1856.34	1859.20	1862.09
48.0	1722.30	1723.62	1725.05	1726.62	1728.35	1730.29	1732.45	1735.60	1738.92	1742.33
48.5	1606.19	1608.03	1610.19	1612.64	1615.38	1618.39	1621.67	1625.82	1630.11	1634.39
49.0	1498.61	1501.19	1504.34	1507.97	1512.00	1516.32	1520.86	1525.66	1530.47	1535.17
49.5	1404.65	1407.86	1411.81	1416.31	1421.16	1426.18	1431.18	1434.83	1438.28	1441.55
50.0	1319.89	1323.40	1327.70	1332.54	1337.67	1342.85	1347.83	1350.27	1352.38	1354.30
50.5	1241.62	1244.46	1247.90	1251.79	1255.97	1260.27	1264.55	1267.47	1270.24	1272.92
51.0	1169.86	1171.87	1174.28	1177.03	1180.08	1183.37	1186.85	1190.52	1194.28	1198.05
51.5	1103.88	1105.68	1107.84	1110.32	1113.09	1116.12	1119.38	1123.05	1126.85	1130.70
52.0	1043.19	1044.95	1047.07	1049.53	1052.28	1055.27	1058.48	1061.97	1065.57	1069.21
52.5	987.05	988.77	990.87	993.28	995.99	998.93	1002.06	1005.42	1008.88	1012.37
53.0	935.41	937.08	939.13	941.50	944.14	947.01	950.07	953.27	956.55	959.86
53.5	888.16	889.69	891.57	893.76	896.22	898.91	901.77	904.76	907.84	910.97
54.0	844.66	846.02	847.70	849.69	851.93	854.39	857.03	859.82	862.71	865.67
54.5	804.30	805.49	807.00	808.79	810.84	813.11	815.56	818.23	821.00	823.85
55.0	766.90	767.94	769.28	770.90	772.76	774.84	777.11	779.67	782.34	785.09
55.5	732.16	733.07	734.27	735.73	737.42	739.33	741.43	743.83	746.35	748.96
56.0	699.83	700.64	701.72	703.05	704.59	706.34	708.28	710.52	712.88	715.33
56.5	669.58	670.32	671.31	672.54	673.99	675.63	677.46	679.53	681.73	684.02
57.0	641.42	642.08	642.99	644.13	645.48	647.03	648.74	650.67	652.72	654.85
57.5	615.30	615.86	616.66	617.67	618.88	620.29	621.86	623.68	625.62	627.64
58.0	590.97	591.43	592.11	593.00	594.08	595.34	596.77	598.49	600.33	602.26
58.5	568.20	568.60	569.20	569.99	570.96	572.11	573.43	575.04	576.78	578.59
59.0	546.81	547.16	547.70	548.42	549.31	550.37	551.58	553.09	554.71	556.41
59.5	526.52	526.85	527.36	528.03	528.86	529.85	530.98	532.40	533.92	535.51

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**CANDELA TABULATION - (Cont.)**

60.0	507.38	507.69	508.16	508.79	509.57	510.49	511.54	512.88	514.30	515.79
60.5	489.36	489.62	490.03	490.59	491.29	492.13	493.09	494.35	495.70	497.11
61.0	472.33	472.55	472.90	473.39	474.01	474.77	475.65	476.83	478.11	479.45
61.5	456.20	456.39	456.70	457.14	457.71	458.39	459.20	460.30	461.50	462.75
62.0	440.87	441.05	441.35	441.76	442.28	442.91	443.66	444.69	445.80	446.97
62.5	426.24	426.43	426.74	427.15	427.67	428.29	429.01	429.97	431.01	432.09
63.0	412.27	412.49	412.81	413.23	413.75	414.37	415.07	415.97	416.94	417.94
63.5	398.93	399.15	399.46	399.87	400.38	400.97	401.64	402.49	403.39	404.32
64.0	386.16	386.37	386.68	387.08	387.56	388.13	388.76	389.55	390.39	391.27
64.5	373.92	374.14	374.44	374.83	375.29	375.83	376.43	377.16	377.94	378.74
65.0	362.16	362.38	362.68	363.05	363.50	364.01	364.58	365.26	365.97	366.71
65.5	350.82	351.04	351.34	351.71	352.15	352.64	353.19	353.81	354.47	355.15
66.0	339.82	340.05	340.35	340.72	341.15	341.64	342.16	342.74	343.35	343.98
66.5	329.07	329.33	329.66	330.04	330.48	330.96	331.47	332.02	332.58	333.16
67.0	318.51	318.80	319.15	319.55	320.00	320.48	320.98	321.49	322.02	322.55
67.5	307.99	308.29	308.65	309.07	309.52	310.00	310.50	310.97	311.45	311.92
68.0	297.64	297.96	298.33	298.75	299.21	299.70	300.19	300.62	301.04	301.46
68.5	287.59	287.92	288.31	288.75	289.22	289.70	290.19	290.57	290.95	291.31
69.0	277.76	278.10	278.50	278.94	279.41	279.89	280.36	280.71	281.05	281.37
69.5	268.14	268.46	268.83	269.24	269.67	270.12	270.57	270.90	271.23	271.55
70.0	258.71	259.01	259.35	259.73	260.13	260.54	260.95	261.27	261.59	261.90
70.5	249.48	249.78	250.12	250.49	250.88	251.27	251.66	251.95	252.22	252.49
71.0	240.43	240.74	241.08	241.45	241.82	242.20	242.56	242.81	243.04	243.27
71.5	231.56	231.87	232.21	232.56	232.91	233.26	233.60	233.81	234.00	234.18
72.0	222.81	223.11	223.44	223.77	224.10	224.43	224.74	224.92	225.08	225.23
72.5	214.10	214.39	214.69	215.01	215.32	215.63	215.92	216.10	216.26	216.41
73.0	205.46	205.73	206.02	206.32	206.61	206.91	207.18	207.36	207.52	207.67
73.5	196.88	197.16	197.45	197.74	198.03	198.32	198.58	198.71	198.83	198.94
74.0	188.36	188.64	188.93	189.22	189.51	189.78	190.03	190.13	190.21	190.27
74.5	179.88	180.14	180.42	180.70	180.97	181.24	181.48	181.58	181.67	181.74
75.0	171.41	171.66	171.92	172.19	172.45	172.71	172.94	173.06	173.15	173.23
75.5	162.88	163.15	163.42	163.71	163.99	164.25	164.48	164.56	164.62	164.65
76.0	154.35	154.62	154.90	155.19	155.48	155.74	155.97	156.01	156.01	156.00
76.5	145.84	146.07	146.32	146.56	146.79	147.01	147.19	147.22	147.22	147.21
77.0	137.32	137.51	137.70	137.89	138.08	138.24	138.39	138.41	138.41	138.40
77.5	128.73	128.92	129.11	129.29	129.47	129.63	129.76	129.76	129.74	129.71
78.0	120.09	120.28	120.48	120.68	120.86	121.02	121.16	121.14	121.11	121.05
78.5	111.54	111.75	111.96	112.17	112.36	112.54	112.68	112.67	112.63	112.57
79.0	102.63	102.83	103.05	103.26	103.46	103.64	103.79	103.79	103.76	103.71
79.5	92.73	92.91	93.10	93.28	93.45	93.60	93.73	93.74	93.73	93.71
80.0	82.46	82.60	82.73	82.86	82.99	83.10	83.19	83.22	83.23	83.24
80.5	72.20	72.28	72.36	72.42	72.47	72.52	72.55	72.58	72.60	72.63
81.0	61.97	62.01	62.02	62.02	62.01	62.00	61.98	62.01	62.04	62.07
81.5	51.94	51.94	51.92	51.89	51.85	51.82	51.79	51.81	51.85	51.89
82.0	42.12	42.10	42.07	42.03	41.99	41.96	41.93	41.95	41.99	42.03
82.5	32.39	32.39	32.38	32.37	32.36	32.35	32.34	32.34	32.35	32.37
83.0	23.32	23.33	23.35	23.36	23.38	23.39	23.40	23.40	23.40	23.39
83.5	15.21	15.20	15.19	15.19	15.20	15.21	15.22	15.25	15.29	15.33
84.0	8.73	8.69	8.66	8.64	8.62	8.63	8.65	8.70	8.78	8.86
84.5	4.96	4.93	4.91	4.90	4.90	4.90	4.92	4.96	5.00	5.06
85.0	2.93	2.92	2.91	2.92	2.92	2.94	2.95	2.96	2.96	2.98
85.5	2.22	2.22	2.22	2.22	2.23	2.24	2.24	2.25	2.25	2.25
86.0	2.22	2.22	2.21	2.22	2.22	2.22	2.22	2.22	2.23	2.23
86.5	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.07
87.0	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00
87.5	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.00	2.00



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**CANDELA TABULATION - (Cont.)**

<b>88.0</b>	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.04
<b>88.5</b>	2.06	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.07
<b>89.0</b>	2.10	2.10	2.10	2.10	2.11	2.11	2.11	2.11	2.11	2.11
<b>89.5</b>	2.13	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
<b>90.0</b>	2.17	2.17	2.17	2.17	2.16	2.16	2.16	2.16	2.17	2.17

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

	<b>175.0</b>	<b>177.5</b>	<b>180.0</b>	<b>182.5</b>	<b>185.0</b>	<b>187.5</b>	<b>190.0</b>	<b>192.5</b>	<b>195.0</b>	<b>197.5</b>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.53	29890.65	29890.76	29890.65	29890.53	29890.42	29890.31	29890.21	29890.13	29890.11
<b>1.0</b>	29886.59	29886.76	29886.92	29886.76	29886.59	29886.43	29886.27	29886.14	29886.04	29886.04
<b>1.5</b>	29880.28	29880.42	29880.57	29880.42	29880.28	29880.14	29880.02	29879.93	29879.88	29879.99
<b>2.0</b>	29871.38	29871.47	29871.56	29871.47	29871.38	29871.31	29871.26	29871.24	29871.27	29871.47
<b>2.5</b>	29859.78	29859.78	29859.77	29859.78	29859.78	29859.79	29859.81	29859.84	29859.89	29860.04
<b>3.0</b>	29845.33	29845.26	29845.17	29845.26	29845.33	29845.40	29845.46	29845.52	29845.58	29845.67
<b>3.5</b>	29827.95	29827.91	29827.82	29827.91	29827.95	29827.96	29827.97	29827.98	29827.99	29828.13
<b>4.0</b>	29807.35	29807.33	29807.25	29807.33	29807.35	29807.35	29807.34	29807.34	29807.37	29807.60
<b>4.5</b>	29783.06	29782.90	29782.74	29782.90	29783.06	29783.25	29783.46	29783.70	29783.97	29784.39
<b>5.0</b>	29755.61	29755.30	29755.06	29755.30	29755.61	29755.98	29756.40	29756.87	29757.38	29757.96
<b>5.5</b>	29725.71	29725.45	29725.25	29725.45	29725.71	29726.03	29726.41	29726.85	29727.33	29727.91
<b>6.0</b>	29692.26	29692.05	29691.89	29692.05	29692.26	29692.52	29692.83	29693.18	29693.59	29694.13
<b>6.5</b>	29654.40	29654.08	29653.81	29654.08	29654.40	29654.75	29655.14	29655.56	29656.02	29656.52
<b>7.0</b>	29612.12	29611.70	29611.30	29611.70	29612.12	29612.58	29613.06	29613.55	29614.06	29614.55
<b>7.5</b>	29565.21	29564.81	29564.43	29564.81	29565.21	29565.63	29566.08	29566.55	29567.04	29567.54
<b>8.0</b>	29513.50	29513.13	29512.79	29513.13	29513.50	29513.90	29514.32	29514.77	29515.27	29515.83
<b>8.5</b>	29456.77	29456.35	29455.98	29456.35	29456.77	29457.24	29457.77	29458.35	29458.98	29459.70
<b>9.0</b>	29395.01	29394.49	29394.07	29394.49	29395.01	29395.60	29396.27	29397.00	29397.77	29398.58
<b>9.5</b>	29328.40	29327.75	29327.20	29327.75	29328.40	29329.12	29329.88	29330.68	29331.49	29332.14
<b>10.0</b>	29256.19	29255.41	29254.70	29255.41	29256.19	29257.03	29257.89	29258.76	29259.60	29260.07
<b>10.5</b>	29177.67	29176.74	29175.91	29176.74	29177.67	29178.68	29179.72	29180.75	29181.74	29182.22
<b>11.0</b>	29092.86	29091.87	29091.01	29091.87	29092.86	29093.93	29095.04	29096.15	29097.22	29097.75
<b>11.5</b>	29001.82	29001.09	29000.44	29001.09	29001.82	29002.61	29003.44	29004.28	29005.12	29005.68
<b>12.0</b>	28903.65	28903.22	28902.82	28903.22	28903.65	28904.11	28904.60	28905.13	28905.68	28906.21
<b>12.5</b>	28797.56	28797.21	28796.89	28797.21	28797.56	28797.92	28798.30	28798.70	28799.13	28799.50
<b>13.0</b>	28683.25	28682.95	28682.66	28682.95	28683.25	28683.56	28683.88	28684.21	28684.53	28684.65
<b>13.5</b>	28560.54	28560.32	28560.11	28560.32	28560.54	28560.75	28560.94	28561.11	28561.24	28560.97
<b>14.0</b>	28428.33	28428.22	28428.11	28428.22	28428.33	28428.44	28428.52	28428.56	28428.55	28427.98
<b>14.5</b>	28285.18	28285.14	28285.18	28285.14	28285.18	28285.27	28285.38	28285.49	28285.58	28285.14
<b>15.0</b>	28132.02	28132.16	28132.43	28132.16	28132.02	28131.99	28132.04	28132.13	28132.25	28132.01
<b>15.5</b>	27970.16	27970.75	27971.41	27970.75	27970.16	27969.66	27969.23	27968.88	27968.61	27968.37
<b>16.0</b>	27797.12	27798.19	27799.27	27798.19	27797.12	27796.08	27795.11	27794.24	27793.50	27793.11
<b>16.5</b>	27610.34	27611.75	27613.19	27611.75	27610.34	27608.98	27607.70	27606.52	27605.49	27604.75
<b>17.0</b>	27411.30	27412.97	27414.67	27412.97	27411.30	27409.70	27408.17	27406.76	27405.47	27404.29
<b>17.5</b>	27201.47	27203.24	27205.00	27203.24	27201.47	27199.71	27197.97	27196.30	27194.71	27193.12
<b>18.0</b>	26978.30	26980.20	26982.04	26980.20	26978.30	26976.36	26974.40	26972.46	26970.56	26968.55
<b>18.5</b>	26739.53	26741.81	26744.08	26741.81	26739.53	26737.25	26734.98	26732.74	26730.55	26728.13
<b>19.0</b>	26485.78	26488.49	26491.23	26488.49	26485.78	26483.11	26480.49	26477.91	26475.38	26472.53
<b>19.5</b>	26217.39	26220.34	26223.28	26220.34	26217.39	26214.42	26211.46	26208.50	26205.56	26202.21
<b>20.0</b>	25932.95	25936.29	25939.53	25936.29	25932.95	25929.55	25926.12	25922.66	25919.23	25915.45
<b>20.5</b>	25630.90	25635.17	25639.35	25635.17	25630.90	25626.58	25622.28	25618.06	25613.99	25610.19
<b>21.0</b>	25312.15	25317.36	25322.44	25317.36	25312.15	25306.91	25301.73	25296.71	25291.93	25288.01
<b>21.5</b>	24977.86	24983.42	24988.75	24983.42	24977.86	24972.16	24966.43	24960.77	24955.28	24950.47
<b>22.0</b>	24625.77	24631.55	24636.97	24631.55	24625.77	24619.74	24613.58	24607.38	24601.26	24595.51
<b>22.5</b>	24253.79	24259.94	24265.70	24259.94	24253.79	24247.38	24240.80	24234.18	24227.64	24221.58
<b>23.0</b>	23862.55	23869.07	23875.22	23869.07	23862.55	23855.76	23848.84	23841.89	23835.03	23828.77

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**CANDELA TABULATION - (Cont.)**

23.5	23451.64	23458.47	23465.00	23458.47	23451.64	23444.61	23437.46	23430.30	23423.21	23416.51
24.0	23022.03	23029.20	23036.13	23029.20	23022.03	23014.69	23007.25	22999.80	22992.41	22985.20
24.5	22575.10	22582.87	22590.30	22582.87	22575.10	22567.08	22558.93	22550.75	22542.64	22534.92
25.0	22109.11	22117.36	22125.17	22117.36	22109.11	22100.56	22091.82	22083.02	22074.28	22066.04
25.5	21621.78	21629.87	21637.62	21629.87	21621.78	21613.46	21604.95	21596.34	21587.70	21578.88
26.0	21116.16	21124.03	21131.68	21124.03	21116.16	21108.10	21099.86	21091.48	21082.98	21073.62
26.5	20594.96	20603.01	20610.79	20603.01	20594.96	20586.64	20578.10	20569.36	20560.45	20550.63
27.0	20056.85	20065.45	20073.63	20065.45	20056.85	20047.90	20038.67	20029.23	20019.66	20009.67
27.5	19500.82	19510.84	19520.23	19510.84	19500.82	19490.36	19479.65	19468.87	19458.22	19448.87
28.0	18928.69	18939.72	18949.98	18939.72	18928.69	18917.16	18905.40	18893.68	18882.28	18873.45
28.5	18340.93	18350.79	18360.02	18350.79	18340.93	18330.62	18320.01	18309.30	18298.64	18289.00
29.0	17740.55	17749.10	17757.20	17749.10	17740.55	17731.61	17722.34	17712.79	17703.04	17692.61
29.5	17130.05	17139.18	17147.84	17139.18	17130.05	17120.56	17110.81	17100.89	17090.92	17080.97
30.0	16511.42	16521.31	16530.68	16521.31	16511.42	16501.16	16490.73	16480.28	16469.99	16460.92
30.5	15887.36	15896.99	15906.02	15896.99	15887.36	15877.34	15867.12	15856.91	15846.93	15838.75
31.0	15258.21	15267.18	15275.53	15267.18	15258.21	15248.82	15239.23	15229.64	15220.25	15212.77
31.5	14623.44	14631.59	14639.29	14631.59	14623.44	14614.96	14606.30	14597.60	14588.99	14581.29
32.0	13988.27	13995.46	14002.40	13995.46	13988.27	13980.89	13973.38	13965.81	13958.24	13950.71
32.5	13357.21	13363.34	13369.36	13363.34	13357.21	13351.05	13344.89	13338.80	13332.84	13327.50
33.0	12731.88	12736.99	12742.08	12736.99	12731.88	12726.83	12721.91	12717.16	12712.68	12709.63
33.5	12115.04	12119.41	12123.69	12119.41	12115.04	12110.65	12106.33	12102.13	12098.12	12095.51
34.0	11507.74	11511.45	11514.98	11511.45	11507.74	11503.92	11500.08	11496.30	11492.65	11490.29
34.5	10911.88	10914.93	10917.80	10914.93	10911.88	10908.76	10905.66	10902.69	10899.95	10899.05
35.0	10327.69	10329.93	10332.03	10329.93	10327.69	10325.44	10323.28	10321.33	10319.70	10320.40
35.5	9754.41	9755.32	9756.18	9755.32	9754.41	9753.53	9752.77	9752.19	9751.88	9753.60
36.0	9196.84	9196.51	9196.23	9196.51	9196.84	9197.25	9197.78	9198.46	9199.34	9201.81
36.5	8660.20	8659.43	8658.74	8659.43	8660.20	8661.09	8662.13	8663.34	8664.78	8667.88
37.0	8142.52	8141.41	8140.40	8141.41	8142.52	8143.76	8145.16	8146.76	8148.59	8152.05
37.5	7643.39	7641.34	7639.43	7641.34	7643.39	7645.56	7647.83	7650.19	7652.64	7655.89
38.0	7163.30	7160.47	7157.78	7160.47	7163.30	7166.23	7169.20	7172.19	7175.14	7178.23
38.5	6701.84	6699.15	6696.57	6699.15	6701.84	6704.62	6707.49	6710.44	6713.46	6717.30
39.0	6261.20	6258.84	6256.53	6258.84	6261.20	6263.66	6266.25	6269.01	6271.97	6276.53
39.5	5843.95	5841.43	5838.95	5841.43	5843.95	5846.55	5849.26	5852.11	5855.12	5859.57
40.0	5448.57	5445.87	5443.20	5445.87	5448.57	5451.32	5454.12	5457.01	5460.00	5464.05
40.5	5073.63	5071.18	5068.67	5071.18	5073.63	5076.05	5078.49	5081.00	5083.60	5087.33
41.0	4721.40	4719.05	4716.62	4719.05	4721.40	4723.70	4725.99	4728.30	4730.65	4733.82
41.5	4394.90	4391.35	4388.05	4391.35	4394.90	4398.58	4402.26	4405.83	4409.13	4410.96
42.0	4090.53	4086.57	4083.03	4086.57	4090.53	4094.69	4098.85	4102.79	4106.31	4107.05
42.5	3807.07	3806.54	3805.63	3806.54	3807.07	3807.33	3807.41	3807.41	3807.43	3808.47
43.0	3540.40	3543.16	3544.83	3543.16	3540.40	3536.95	3533.22	3529.61	3526.53	3528.44
43.5	3283.24	3285.04	3286.24	3285.04	3283.24	3281.13	3279.01	3277.17	3275.92	3279.31
44.0	3043.78	3043.88	3044.02	3043.88	3043.78	3043.85	3044.18	3044.86	3046.00	3050.07
44.5	2830.07	2830.27	2830.54	2830.27	2830.07	2829.98	2830.02	2830.24	2830.65	2832.30
45.0	2635.30	2636.05	2636.73	2636.05	2635.30	2634.49	2633.63	2632.71	2631.74	2630.55
45.5	2455.70	2456.87	2457.91	2456.87	2455.70	2454.40	2452.99	2451.48	2449.87	2447.86
46.0	2290.28	2291.88	2293.30	2291.88	2290.28	2288.53	2286.65	2284.68	2282.63	2280.35
46.5	2136.80	2138.71	2140.47	2138.71	2136.80	2134.75	2132.59	2130.32	2127.97	2125.21
47.0	1995.26	1997.51	1999.63	1997.51	1995.26	1992.91	1990.46	1987.93	1985.34	1982.33
47.5	1864.93	1867.70	1870.33	1867.70	1864.93	1862.09	1859.20	1856.34	1853.54	1851.05
48.0	1745.73	1749.03	1752.15	1749.03	1745.73	1742.33	1738.92	1735.60	1732.45	1730.29
48.5	1638.56	1642.48	1646.05	1642.48	1638.56	1634.39	1630.11	1625.82	1621.67	1618.39
49.0	1539.64	1543.78	1547.45	1543.78	1539.64	1535.17	1530.47	1525.66	1520.86	1516.32
49.5	1444.65	1447.59	1450.37	1447.59	1444.65	1441.55	1438.28	1434.83	1431.18	1426.18
50.0	1356.13	1357.99	1359.99	1357.99	1356.13	1354.30	1352.38	1350.27	1347.83	1342.85
50.5	1275.54	1278.15	1280.79	1278.15	1275.54	1272.92	1270.24	1267.47	1264.55	1260.27
51.0	1201.79	1205.42	1208.88	1205.42	1201.79	1198.05	1194.28	1190.52	1186.85	1183.37

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**CANDELA TABULATION - (Cont.)**

51.5	1134.53	1138.26	1141.82	1138.26	1134.53	1130.70	1126.85	1123.05	1119.38	1116.12
52.0	1072.85	1076.42	1079.86	1076.42	1072.85	1069.21	1065.57	1061.97	1058.48	1055.27
52.5	1015.86	1019.27	1022.56	1019.27	1015.86	1012.37	1008.88	1005.42	1002.06	998.93
53.0	963.16	966.40	969.51	966.40	963.16	959.86	956.55	953.27	950.07	947.01
53.5	914.10	917.19	920.19	917.19	914.10	910.97	907.84	904.76	901.77	898.91
54.0	868.65	871.61	874.51	871.61	868.65	865.67	862.71	859.82	857.03	854.39
54.5	826.73	829.58	832.38	829.58	826.73	823.85	821.00	818.23	815.56	813.11
55.0	787.87	790.62	793.31	790.62	787.87	785.09	782.34	779.67	777.11	774.84
55.5	751.60	754.24	756.82	754.24	751.60	748.96	746.35	743.83	741.43	739.33
56.0	717.83	720.33	722.80	720.33	717.83	715.33	712.88	710.52	708.28	706.34
56.5	686.35	688.69	691.01	688.69	686.35	684.02	681.73	679.53	677.46	675.63
57.0	657.03	659.22	661.39	659.22	657.03	654.85	652.72	650.67	648.74	647.03
57.5	629.72	631.81	633.88	631.81	629.72	627.64	625.62	623.68	621.86	620.29
58.0	604.24	606.24	608.21	606.24	604.24	602.26	600.33	598.49	596.77	595.34
58.5	580.45	582.33	584.18	582.33	580.45	578.59	576.78	575.04	573.43	572.11
59.0	558.15	559.90	561.63	559.90	558.15	556.41	554.71	553.09	551.58	550.37
59.5	537.13	538.76	540.35	538.76	537.13	535.51	533.92	532.40	530.98	529.85
60.0	517.31	518.82	520.30	518.82	517.31	515.79	514.30	512.88	511.54	510.49
60.5	498.55	499.98	501.38	499.98	498.55	497.11	495.70	494.35	493.09	492.13
61.0	480.81	482.17	483.50	482.17	480.81	479.45	478.11	476.83	475.65	474.77
61.5	464.03	465.31	466.55	465.31	464.03	462.75	461.50	460.30	459.20	458.39
62.0	448.16	449.35	450.50	449.35	448.16	446.97	445.80	444.69	443.66	442.91
62.5	433.20	434.29	435.36	434.29	433.20	432.09	431.01	429.97	429.01	428.29
63.0	418.96	419.97	420.96	419.97	418.96	417.94	416.94	415.97	415.07	414.37
63.5	405.27	406.21	407.13	406.21	405.27	404.32	403.39	402.49	401.64	400.97
64.0	392.15	393.02	393.87	393.02	392.15	391.27	390.39	389.55	388.76	388.13
64.5	379.56	380.36	381.15	380.36	379.56	378.74	377.94	377.16	376.43	375.83
65.0	367.46	368.20	368.92	368.20	367.46	366.71	365.97	365.26	364.58	364.01
65.5	355.84	356.52	357.19	356.52	355.84	355.15	354.47	353.81	353.19	352.64
66.0	344.61	345.24	345.85	345.24	344.61	343.98	343.35	342.74	342.16	341.64
66.5	333.74	334.31	334.87	334.31	333.74	333.16	332.58	332.02	331.47	330.96
67.0	323.08	323.60	324.10	323.60	323.08	322.55	322.02	321.49	320.98	320.48
67.5	312.39	312.86	313.31	312.86	312.39	311.92	311.45	310.97	310.50	310.00
68.0	301.87	302.28	302.69	302.28	301.87	301.46	301.04	300.62	300.19	299.70
68.5	291.67	292.03	292.39	292.03	291.67	291.31	290.95	290.57	290.19	289.70
69.0	281.69	282.01	282.33	282.01	281.69	281.37	281.05	280.71	280.36	279.89
69.5	271.86	272.17	272.48	272.17	271.86	271.55	271.23	270.90	270.57	270.12
70.0	262.21	262.52	262.83	262.52	262.21	261.90	261.59	261.27	260.95	260.54
70.5	252.76	253.03	253.30	253.03	252.76	252.49	252.22	251.95	251.66	251.27
71.0	243.48	243.70	243.93	243.70	243.48	243.27	243.04	242.81	242.56	242.20
71.5	234.36	234.54	234.74	234.54	234.36	234.18	234.00	233.81	233.60	233.26
72.0	225.38	225.53	225.70	225.53	225.38	225.23	225.08	224.92	224.74	224.43
72.5	216.56	216.71	216.88	216.71	216.56	216.41	216.26	216.10	215.92	215.63
73.0	207.82	207.97	208.13	207.97	207.82	207.67	207.52	207.36	207.18	206.91
73.5	199.04	199.16	199.28	199.16	199.04	198.94	198.83	198.71	198.58	198.32
74.0	190.33	190.41	190.50	190.41	190.33	190.27	190.21	190.13	190.03	189.78
74.5	181.81	181.88	181.96	181.88	181.81	181.74	181.67	181.58	181.48	181.24
75.0	173.30	173.37	173.44	173.37	173.30	173.23	173.15	173.06	172.94	172.71
75.5	164.67	164.69	164.73	164.69	164.67	164.65	164.62	164.56	164.48	164.25
76.0	155.98	155.95	155.94	155.95	155.98	156.00	156.01	156.01	155.97	155.74
76.5	147.18	147.16	147.16	147.16	147.18	147.21	147.22	147.22	147.19	147.01
77.0	138.38	138.37	138.37	138.37	138.38	138.40	138.41	138.41	138.39	138.24
77.5	129.67	129.64	129.63	129.64	129.67	129.71	129.74	129.76	129.76	129.63
78.0	120.99	120.94	120.91	120.94	120.99	121.05	121.11	121.14	121.16	121.02
78.5	112.51	112.44	112.39	112.44	112.51	112.57	112.63	112.67	112.68	112.54
79.0	103.64	103.58	103.52	103.58	103.64	103.71	103.76	103.79	103.79	103.64

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**CANDELA TABULATION - (Cont.)**

<b>79.5</b>	93.68	93.64	93.62	93.64	93.68	93.71	93.73	93.74	93.73	93.60
<b>80.0</b>	83.24	83.24	83.25	83.24	83.24	83.24	83.23	83.22	83.19	83.10
<b>80.5</b>	72.65	72.68	72.71	72.68	72.65	72.63	72.60	72.58	72.55	72.52
<b>81.0</b>	62.11	62.16	62.21	62.16	62.11	62.07	62.04	62.01	61.98	62.00
<b>81.5</b>	51.94	52.00	52.06	52.00	51.94	51.89	51.85	51.81	51.79	51.82
<b>82.0</b>	42.08	42.14	42.20	42.14	42.08	42.03	41.99	41.95	41.93	41.96
<b>82.5</b>	32.39	32.41	32.44	32.41	32.39	32.37	32.35	32.34	32.34	32.35
<b>83.0</b>	23.39	23.40	23.41	23.40	23.39	23.39	23.40	23.40	23.40	23.39
<b>83.5</b>	15.38	15.44	15.51	15.44	15.38	15.33	15.29	15.25	15.22	15.21
<b>84.0</b>	8.96	9.07	9.19	9.07	8.96	8.86	8.78	8.70	8.65	8.63
<b>84.5</b>	5.13	5.20	5.29	5.20	5.13	5.06	5.00	4.96	4.92	4.90
<b>85.0</b>	3.00	3.03	3.07	3.03	3.00	2.98	2.96	2.96	2.95	2.94
<b>85.5</b>	2.26	2.28	2.30	2.28	2.26	2.25	2.25	2.25	2.24	2.24
<b>86.0</b>	2.24	2.25	2.26	2.25	2.24	2.23	2.23	2.22	2.22	2.22
<b>86.5</b>	2.07	2.08	2.08	2.08	2.07	2.07	2.07	2.06	2.06	2.06
<b>87.0</b>	2.01	2.01	2.01	2.01	2.01	2.00	2.00	2.00	1.99	1.99
<b>87.5</b>	2.00	2.01	2.01	2.01	2.00	2.00	2.00	1.99	1.99	1.99
<b>88.0</b>	2.04	2.04	2.05	2.04	2.04	2.04	2.03	2.03	2.03	2.02
<b>88.5</b>	2.07	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07
<b>89.0</b>	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11
<b>89.5</b>	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
<b>90.0</b>	2.17	2.17	2.18	2.17	2.17	2.17	2.17	2.16	2.16	2.16

**Vert.  
Angles**

**Horizontal Angles**

	<u><b>200.0</b></u>	<u><b>202.5</b></u>	<u><b>205.0</b></u>	<u><b>207.5</b></u>	<u><b>210.0</b></u>	<u><b>212.5</b></u>	<u><b>215.0</b></u>	<u><b>217.5</b></u>	<u><b>220.0</b></u>	<u><b>222.5</b></u>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.12	29890.15	29890.21	29890.29	29890.40	29890.60	29890.83	29891.05	29891.26	29891.46
<b>1.0</b>	29886.09	29886.18	29886.30	29886.45	29886.64	29886.94	29887.26	29887.57	29887.87	29888.13
<b>1.5</b>	29880.15	29880.34	29880.55	29880.78	29881.02	29881.26	29881.49	29881.71	29881.89	29882.04
<b>2.0</b>	29871.71	29871.97	29872.24	29872.51	29872.76	29872.92	29873.04	29873.14	29873.20	29873.22
<b>2.5</b>	29860.20	29860.38	29860.58	29860.78	29860.97	29861.15	29861.31	29861.46	29861.59	29861.69
<b>3.0</b>	29845.76	29845.87	29845.99	29846.13	29846.28	29846.52	29846.76	29847.00	29847.23	29847.43
<b>3.5</b>	29828.29	29828.47	29828.67	29828.88	29829.12	29829.42	29829.72	29830.02	29830.28	29830.51
<b>4.0</b>	29807.88	29808.19	29808.52	29808.86	29809.21	29809.58	29809.93	29810.25	29810.52	29810.74
<b>4.5</b>	29784.84	29785.30	29785.77	29786.23	29786.67	29787.05	29787.38	29787.67	29787.90	29788.07
<b>5.0</b>	29758.55	29759.15	29759.74	29760.29	29760.81	29761.21	29761.55	29761.83	29762.04	29762.18
<b>5.5</b>	29728.53	29729.16	29729.79	29730.40	29730.98	29731.50	29731.96	29732.35	29732.67	29732.89
<b>6.0</b>	29694.71	29695.32	29695.95	29696.57	29697.19	29697.83	29698.43	29698.96	29699.41	29699.75
<b>6.5</b>	29657.05	29657.60	29658.17	29658.74	29659.31	29659.98	29660.61	29661.21	29661.74	29662.18
<b>7.0</b>	29615.04	29615.55	29616.07	29616.60	29617.15	29617.84	29618.52	29619.18	29619.79	29620.33
<b>7.5</b>	29568.07	29568.63	29569.21	29569.81	29570.44	29571.27	29572.11	29572.91	29573.65	29574.31
<b>8.0</b>	29516.43	29517.08	29517.75	29518.46	29519.21	29520.17	29521.13	29522.05	29522.89	29523.64
<b>8.5</b>	29460.45	29461.24	29462.05	29462.88	29463.73	29464.63	29465.52	29466.38	29467.18	29467.91
<b>9.0</b>	29399.43	29400.30	29401.18	29402.07	29402.96	29403.83	29404.68	29405.52	29406.31	29407.07
<b>9.5</b>	29332.80	29333.48	29334.19	29334.94	29335.73	29336.79	29337.89	29339.00	29340.09	29341.14
<b>10.0</b>	29260.52	29260.98	29261.49	29262.06	29262.75	29264.03	29265.40	29266.81	29268.21	29269.56
<b>10.5</b>	29182.66	29183.10	29183.58	29184.13	29184.81	29186.15	29187.60	29189.11	29190.61	29192.07
<b>11.0</b>	29098.24	29098.73	29099.25	29099.84	29100.54	29101.88	29103.32	29104.82	29106.32	29107.79
<b>11.5</b>	29006.24	29006.83	29007.46	29008.15	29008.94	29010.21	29011.55	29012.93	29014.30	29015.64
<b>12.0</b>	28906.78	28907.41	28908.10	28908.85	28909.70	28910.89	28912.14	28913.42	28914.69	28915.91
<b>12.5</b>	28799.91	28800.38	28800.93	28801.57	28802.33	28803.54	28804.85	28806.21	28807.57	28808.91
<b>13.0</b>	28684.80	28685.01	28685.31	28685.74	28686.34	28687.60	28689.01	28690.51	28692.05	28693.58
<b>13.5</b>	28560.71	28560.52	28560.45	28560.56	28560.90	28562.23	28563.79	28565.50	28567.29	28569.10
<b>14.0</b>	28427.42	28426.92	28426.57	28426.42	28426.55	28427.88	28429.48	28431.29	28433.21	28435.18
<b>14.5</b>	28284.71	28284.35	28284.10	28284.02	28284.17	28285.23	28286.53	28288.01	28289.63	28291.32

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

15.0	28131.81	28131.67	28131.63	28131.71	28131.96	28132.72	28133.66	28134.76	28135.99	28137.33
15.5	27968.22	27968.18	27968.26	27968.48	27968.83	27969.46	27970.23	27971.15	27972.20	27973.36
16.0	27792.88	27792.81	27792.90	27793.14	27793.54	27794.11	27794.84	27795.70	27796.70	27797.82
16.5	27604.19	27603.82	27603.65	27603.68	27603.93	27604.58	27605.44	27606.48	27607.69	27609.04
17.0	27403.29	27402.49	27401.93	27401.62	27401.61	27402.29	27403.24	27404.44	27405.84	27407.40
17.5	27191.68	27190.44	27189.43	27188.68	27188.26	27188.70	27189.45	27190.47	27191.71	27193.14
18.0	26966.67	26964.97	26963.49	26962.29	26961.43	26961.55	26962.01	26962.78	26963.79	26965.01
18.5	26725.83	26723.71	26721.85	26720.28	26719.09	26718.94	26719.18	26719.77	26720.67	26721.84
19.0	26469.81	26467.29	26465.04	26463.12	26461.61	26461.22	26461.27	26461.71	26462.53	26463.66
19.5	26198.96	26195.92	26193.17	26190.80	26188.88	26188.36	26188.32	26188.73	26189.51	26190.62
20.0	25911.80	25908.37	25905.26	25902.54	25900.32	25899.59	25899.38	25899.63	25900.26	25901.21
20.5	25606.65	25603.39	25600.47	25597.93	25595.81	25594.60	25593.82	25593.46	25593.49	25593.89
21.0	25284.44	25281.23	25278.37	25275.88	25273.77	25272.01	25270.64	25269.67	25269.10	25268.95
21.5	24945.97	24941.83	24938.08	24934.76	24931.90	24929.82	24928.23	24927.13	24926.50	24926.33
22.0	24590.01	24584.85	24580.10	24575.83	24572.12	24569.66	24567.81	24566.53	24565.80	24565.59
22.5	24215.77	24210.29	24205.18	24200.53	24196.39	24193.20	24190.58	24188.56	24187.12	24186.27
23.0	23822.76	23817.06	23811.71	23806.76	23802.26	23798.30	23794.88	23792.03	23789.80	23788.24
23.5	23410.03	23403.83	23397.97	23392.49	23387.47	23382.94	23378.96	23375.61	23372.93	23370.98
24.0	22978.19	22971.45	22965.04	22959.03	22953.49	22948.52	22944.14	22940.43	22937.43	22935.22
24.5	22527.45	22520.28	22513.48	22507.11	22501.24	22495.99	22491.36	22487.39	22484.16	22481.70
25.0	22058.06	22050.42	22043.17	22036.39	22030.15	22024.71	22019.92	22015.82	22012.44	22009.82
25.5	21570.22	21561.83	21553.82	21546.30	21539.40	21533.84	21529.00	21524.91	21521.58	21519.00
26.0	21064.32	21055.22	21046.48	21038.26	21030.70	21024.96	21020.02	21015.89	21012.53	21009.95
26.5	20540.84	20531.24	20522.00	20513.27	20505.24	20499.16	20493.91	20489.47	20485.82	20482.93
27.0	19999.75	19990.06	19980.73	19971.90	19963.72	19957.15	19951.35	19946.34	19942.10	19938.64
27.5	19439.85	19431.19	19422.91	19415.03	19407.58	19400.09	19393.15	19386.86	19381.32	19376.64
28.0	18865.15	18857.30	18849.83	18842.69	18835.80	18827.66	18819.88	18812.65	18806.14	18800.54
28.5	18279.63	18270.57	18261.87	18253.56	18245.69	18238.04	18230.94	18224.49	18218.77	18213.86
29.0	17682.19	17671.93	17662.01	17652.56	17643.75	17636.79	17630.61	17625.16	17620.44	17616.42
29.5	17071.17	17061.63	17052.44	17043.72	17035.57	17028.69	17022.49	17016.98	17012.15	17008.02
30.0	16452.21	16443.87	16435.91	16428.36	16421.24	16414.32	16407.90	16402.04	16396.82	16392.28
30.5	15830.95	15823.53	15816.45	15809.66	15803.16	15796.26	15789.69	15783.53	15777.85	15772.75
31.0	15205.65	15198.86	15192.34	15186.05	15179.95	15173.25	15166.76	15160.56	15154.74	15149.38
31.5	14573.85	14566.67	14559.78	14553.19	14546.92	14540.95	14535.35	14530.15	14525.37	14521.04
32.0	13943.30	13936.10	13929.16	13922.56	13916.36	13911.08	13906.27	13901.91	13898.02	13894.57
32.5	13322.31	13317.26	13312.31	13307.45	13302.65	13297.35	13292.16	13287.15	13282.39	13277.95
33.0	12706.77	12703.99	12701.15	12698.12	12694.75	12689.40	12683.73	12677.93	12672.15	12666.55
33.5	12093.04	12090.61	12088.08	12085.34	12082.27	12077.18	12071.79	12066.23	12060.64	12055.19
34.0	11488.04	11485.81	11483.47	11480.92	11478.07	11473.51	11468.64	11463.60	11458.49	11453.44
34.5	10898.33	10897.63	10896.79	10895.66	10894.08	10890.30	10886.03	10881.38	10876.47	10871.41
35.0	10321.33	10322.28	10323.04	10323.39	10323.14	10320.15	10316.46	10312.18	10307.44	10302.35
35.5	9755.46	9757.24	9758.75	9759.76	9760.07	9757.57	9754.27	9750.30	9745.76	9740.79
36.0	9204.32	9206.67	9208.66	9210.10	9210.77	9208.65	9205.70	9202.02	9197.75	9192.98
36.5	8671.03	8674.01	8676.61	8678.63	8679.86	8678.06	8675.40	8672.01	8668.01	8663.55
37.0	8155.56	8158.91	8161.89	8164.30	8165.94	8164.60	8162.40	8159.48	8155.97	8152.01
37.5	7659.06	7662.03	7664.65	7666.78	7668.28	7667.95	7666.89	7665.16	7662.79	7659.84
38.0	7181.16	7183.84	7186.18	7188.11	7189.54	7190.06	7189.97	7189.24	7187.83	7185.72
38.5	6721.06	6724.62	6727.83	6730.57	6732.69	6733.08	6732.76	6731.74	6730.06	6727.75
39.0	6281.13	6285.58	6289.68	6293.23	6296.04	6296.12	6295.37	6293.89	6291.79	6289.19
39.5	5864.05	5868.38	5872.37	5875.85	5878.64	5878.90	5878.39	5877.21	5875.47	5873.28
40.0	5468.09	5471.97	5475.54	5478.68	5481.23	5481.74	5481.61	5480.91	5479.74	5478.16
40.5	5091.07	5094.70	5098.08	5101.08	5103.57	5104.13	5104.14	5103.71	5102.91	5101.85
41.0	4736.97	4740.03	4742.88	4745.45	4747.63	4748.32	4748.62	4748.60	4748.34	4747.92
41.5	4412.46	4413.70	4414.75	4415.66	4416.50	4418.01	4419.46	4420.78	4421.91	4422.80
42.0	4107.30	4107.21	4106.95	4106.66	4106.51	4108.36	4110.35	4112.36	4114.23	4115.84
42.5	3809.58	3810.72	3811.84	3812.90	3813.83	3814.00	3814.06	3814.05	3814.03	3814.03

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**CANDELA TABULATION - (Cont.)**

43.0	3531.00	3533.93	3536.94	3539.74	3542.05	3540.18	3537.82	3535.27	3532.81	3530.75
43.5	3283.25	3287.38	3291.37	3294.86	3297.51	3294.31	3290.38	3286.16	3282.12	3278.70
44.0	3054.40	3058.68	3062.61	3065.87	3068.17	3064.45	3059.95	3055.19	3050.67	3046.89
44.5	2834.05	2835.76	2837.28	2838.49	2839.25	2836.82	2834.11	2831.41	2829.02	2827.26
45.0	2629.36	2628.20	2627.10	2626.09	2625.22	2624.29	2623.59	2623.22	2623.24	2623.73
45.5	2445.83	2443.86	2442.02	2440.37	2438.97	2438.08	2437.56	2437.44	2437.78	2438.61
46.0	2278.09	2275.91	2273.87	2272.03	2270.45	2269.21	2268.36	2267.95	2268.04	2268.68
46.5	2122.45	2119.79	2117.30	2115.05	2113.13	2111.79	2110.91	2110.52	2110.68	2111.44
47.0	1979.35	1976.48	1973.79	1971.37	1969.29	1967.77	1966.72	1966.21	1966.27	1966.98
47.5	1848.70	1846.50	1844.46	1842.61	1840.95	1838.88	1837.15	1835.88	1835.20	1835.23
48.0	1728.35	1726.62	1725.05	1723.62	1722.30	1719.85	1717.65	1715.86	1714.67	1714.23
48.5	1615.38	1612.64	1610.19	1608.03	1606.19	1604.18	1602.59	1601.51	1601.06	1601.31
49.0	1512.00	1507.97	1504.34	1501.19	1498.61	1497.29	1496.63	1496.61	1497.22	1498.46
49.5	1421.16	1416.31	1411.81	1407.86	1404.65	1404.04	1404.25	1405.17	1406.71	1408.77
50.0	1337.67	1332.54	1327.70	1323.40	1319.89	1319.69	1320.38	1321.80	1323.80	1326.23
50.5	1255.97	1251.79	1247.90	1244.46	1241.62	1240.87	1240.81	1241.37	1242.49	1244.10
51.0	1180.08	1177.03	1174.28	1171.87	1169.86	1168.43	1167.47	1167.01	1167.09	1167.73
51.5	1113.09	1110.32	1107.84	1105.68	1103.88	1102.45	1101.45	1100.91	1100.88	1101.39
52.0	1052.28	1049.53	1047.07	1044.95	1043.19	1041.94	1041.12	1040.77	1040.88	1041.51
52.5	995.99	993.28	990.87	988.77	987.05	985.90	985.18	984.91	985.11	985.78
53.0	944.14	941.50	939.13	937.08	935.41	934.37	933.75	933.58	933.85	934.59
53.5	896.22	893.76	891.57	889.69	888.16	887.25	886.75	886.66	886.99	887.75
54.0	851.93	849.69	847.70	846.02	844.66	843.90	843.51	843.50	843.87	844.62
54.5	810.84	808.79	807.00	805.49	804.30	803.66	803.37	803.42	803.83	804.58
55.0	772.76	770.90	769.28	767.94	766.90	766.36	766.15	766.26	766.68	767.42
55.5	737.42	735.73	734.27	733.07	732.16	731.68	731.51	731.63	732.05	732.75
56.0	704.59	703.05	701.72	700.64	699.83	699.42	699.29	699.44	699.85	700.53
56.5	673.99	672.54	671.31	670.32	669.58	669.29	669.26	669.49	669.97	670.70
57.0	645.48	644.13	642.99	642.08	641.42	641.23	641.30	641.62	642.17	642.93
57.5	618.88	617.67	616.66	615.86	615.30	615.18	615.30	615.64	616.19	616.94
58.0	594.08	593.00	592.11	591.43	590.97	590.89	591.03	591.38	591.91	592.62
58.5	570.96	569.99	569.20	568.60	568.20	568.16	568.32	568.67	569.19	569.87
59.0	549.31	548.42	547.70	547.16	546.81	546.79	546.97	547.31	547.80	548.44
59.5	528.86	528.03	527.36	526.85	526.52	526.51	526.67	526.98	527.44	528.03
60.0	509.57	508.79	508.16	507.69	507.38	507.36	507.50	507.79	508.20	508.74
60.5	491.29	490.59	490.03	489.62	489.36	489.35	489.48	489.75	490.14	490.64
61.0	474.01	473.39	472.90	472.55	472.33	472.33	472.45	472.70	473.06	473.52
61.5	457.71	457.14	456.70	456.39	456.20	456.17	456.27	456.47	456.79	457.19
62.0	442.28	441.76	441.35	441.05	440.87	440.83	440.89	441.06	441.33	441.69
62.5	427.67	427.15	426.74	426.43	426.24	426.20	426.26	426.43	426.69	427.04
63.0	413.75	413.23	412.81	412.49	412.27	412.24	412.31	412.48	412.74	413.08
63.5	400.38	399.87	399.46	399.15	398.93	398.89	398.95	399.10	399.34	399.66
64.0	387.56	387.08	386.68	386.37	386.16	386.11	386.15	386.28	386.49	386.78
64.5	375.29	374.83	374.44	374.14	373.92	373.86	373.88	373.99	374.18	374.44
65.0	363.50	363.05	362.68	362.38	362.16	362.08	362.09	362.18	362.35	362.58
65.5	352.15	351.71	351.34	351.04	350.82	350.75	350.76	350.85	351.00	351.22
66.0	341.15	340.72	340.35	340.05	339.82	339.74	339.75	339.82	339.96	340.16
66.5	330.48	330.04	329.66	329.33	329.07	328.94	328.89	328.90	328.98	329.12
67.0	320.00	319.55	319.15	318.80	318.51	318.33	318.22	318.18	318.21	318.31
67.5	309.52	309.07	308.65	308.29	307.99	307.82	307.73	307.70	307.74	307.85
68.0	299.21	298.75	298.33	297.96	297.64	297.50	297.44	297.43	297.50	297.62
68.5	289.22	288.75	288.31	287.92	287.59	287.44	287.37	287.36	287.41	287.52
69.0	279.41	278.94	278.50	278.10	277.76	277.60	277.51	277.48	277.51	277.60
69.5	269.67	269.24	268.83	268.46	268.14	267.97	267.87	267.82	267.83	267.90
70.0	260.13	259.73	259.35	259.01	258.71	258.54	258.42	258.35	258.34	258.37
70.5	250.88	250.49	250.12	249.78	249.48	249.28	249.13	249.03	248.99	248.99

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**CANDELA TABULATION - (Cont.)**

71.0	241.82	241.45	241.08	240.74	240.43	240.20	240.02	239.89	239.81	239.79
71.5	232.91	232.56	232.21	231.87	231.56	231.32	231.13	230.97	230.87	230.81
72.0	224.10	223.77	223.44	223.11	222.81	222.57	222.36	222.19	222.06	221.99
72.5	215.32	215.01	214.69	214.39	214.10	213.86	213.64	213.47	213.33	213.25
73.0	206.61	206.32	206.02	205.73	205.46	205.21	205.00	204.83	204.69	204.60
73.5	198.03	197.74	197.45	197.16	196.88	196.65	196.44	196.27	196.13	196.04
74.0	189.51	189.22	188.93	188.64	188.36	188.14	187.94	187.78	187.64	187.55
74.5	180.97	180.70	180.42	180.14	179.88	179.68	179.49	179.34	179.22	179.14
75.0	172.45	172.19	171.92	171.66	171.41	171.22	171.05	170.92	170.81	170.73
75.5	163.99	163.71	163.42	163.15	162.88	162.71	162.55	162.43	162.34	162.28
76.0	155.48	155.19	154.90	154.62	154.35	154.18	154.04	153.93	153.85	153.80
76.5	146.79	146.56	146.32	146.07	145.84	145.68	145.54	145.42	145.33	145.27
77.0	138.08	137.89	137.70	137.51	137.32	137.16	137.02	136.89	136.79	136.72
77.5	129.47	129.29	129.11	128.92	128.73	128.58	128.45	128.33	128.24	128.17
78.0	120.86	120.68	120.48	120.28	120.09	119.95	119.83	119.72	119.63	119.56
78.5	112.36	112.17	111.96	111.75	111.54	111.41	111.29	111.18	111.10	111.03
79.0	103.46	103.26	103.05	102.83	102.63	102.49	102.38	102.27	102.18	102.10
79.5	93.45	93.28	93.10	92.91	92.73	92.60	92.47	92.36	92.27	92.19
80.0	82.99	82.86	82.73	82.60	82.46	82.32	82.19	82.07	81.96	81.87
80.5	72.47	72.42	72.36	72.28	72.20	72.05	71.89	71.74	71.60	71.47
81.0	62.01	62.02	62.02	62.01	61.97	61.83	61.67	61.50	61.34	61.18
81.5	51.85	51.89	51.92	51.94	51.94	51.85	51.75	51.63	51.51	51.39
82.0	41.99	42.03	42.07	42.10	42.12	42.09	42.05	41.99	41.93	41.86
82.5	32.36	32.37	32.38	32.39	32.39	32.37	32.35	32.32	32.28	32.25
83.0	23.38	23.36	23.35	23.33	23.32	23.30	23.28	23.27	23.26	23.26
83.5	15.20	15.19	15.19	15.20	15.21	15.20	15.21	15.22	15.24	15.28
84.0	8.62	8.64	8.66	8.69	8.73	8.73	8.75	8.78	8.83	8.90
84.5	4.90	4.90	4.91	4.93	4.96	4.98	5.00	5.04	5.10	5.17
85.0	2.92	2.92	2.91	2.92	2.93	2.95	2.97	3.01	3.06	3.12
85.5	2.23	2.22	2.22	2.22	2.22	2.23	2.25	2.27	2.30	2.33
86.0	2.22	2.22	2.21	2.22	2.22	2.22	2.22	2.22	2.23	2.23
86.5	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.07	2.07
87.0	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.01	2.01	2.02
87.5	1.99	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.01
88.0	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.03	2.03	2.03
88.5	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06
89.0	2.11	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.09
89.5	2.14	2.14	2.14	2.14	2.13	2.13	2.13	2.13	2.13	2.13
90.0	2.16	2.17	2.17	2.17	2.17	2.17	2.16	2.16	2.16	2.16

**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	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29891.62	29891.62	29891.58	29891.52	29891.42	29891.30	29891.18	29891.06	29890.94	29890.82
1.0	29888.34	29888.33	29888.27	29888.16	29888.00	29887.82	29887.61	29887.42	29887.22	29887.01
1.5	29882.15	29882.10	29882.01	29881.88	29881.70	29881.50	29881.27	29881.05	29880.82	29880.57
2.0	29873.22	29873.16	29873.06	29872.93	29872.77	29872.58	29872.37	29872.13	29871.88	29871.59
2.5	29861.77	29861.79	29861.78	29861.74	29861.65	29861.51	29861.33	29861.05	29860.73	29860.38
3.0	29847.61	29847.71	29847.77	29847.78	29847.73	29847.63	29847.46	29847.13	29846.75	29846.32
3.5	29830.69	29830.71	29830.67	29830.58	29830.42	29830.21	29829.95	29829.58	29829.18	29828.75
4.0	29810.88	29810.81	29810.66	29810.45	29810.17	29809.85	29809.48	29809.07	29808.63	29808.19
4.5	29788.16	29788.10	29787.96	29787.75	29787.48	29787.15	29786.77	29786.27	29785.75	29785.21
5.0	29762.25	29762.20	29762.08	29761.88	29761.62	29761.29	29760.90	29760.30	29759.66	29759.03
5.5	29733.02	29732.90	29732.69	29732.38	29731.99	29731.54	29731.03	29730.32	29729.60	29728.91
6.0	29699.98	29699.84	29699.57	29699.20	29698.73	29698.19	29697.59	29696.79	29695.99	29695.24

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**CANDELA TABULATION - (Cont.)**

6.5	29662.53	29662.59	29662.53	29662.35	29662.07	29661.69	29661.21	29660.30	29659.37	29658.47
7.0	29620.79	29621.04	29621.19	29621.21	29621.12	29620.90	29620.55	29619.60	29618.59	29617.60
7.5	29574.85	29575.02	29575.06	29574.96	29574.76	29574.44	29574.02	29573.17	29572.29	29571.46
8.0	29524.25	29524.37	29524.33	29524.17	29523.89	29523.52	29523.09	29522.37	29521.67	29521.04
8.5	29468.55	29468.96	29469.27	29469.47	29469.57	29469.56	29469.45	29468.82	29468.16	29467.55
9.0	29407.79	29408.53	29409.20	29409.78	29410.26	29410.62	29410.83	29410.29	29409.68	29409.07
9.5	29342.13	29342.92	29343.61	29344.20	29344.67	29345.02	29345.24	29344.80	29344.30	29343.84
10.0	29270.82	29271.60	29272.25	29272.77	29273.16	29273.44	29273.60	29273.26	29272.89	29272.57
10.5	29193.44	29194.34	29195.09	29195.71	29196.20	29196.56	29196.80	29196.50	29196.16	29195.86
11.0	29109.18	29110.15	29110.99	29111.70	29112.28	29112.74	29113.08	29112.83	29112.54	29112.28
11.5	29016.89	29017.76	29018.51	29019.15	29019.69	29020.14	29020.50	29020.40	29020.30	29020.25
12.0	28917.06	28917.82	28918.48	28919.06	28919.56	28920.00	28920.41	28920.52	28920.65	28920.88
12.5	28810.17	28810.98	28811.70	28812.35	28812.93	28813.48	28814.00	28814.39	28814.82	28815.32
13.0	28695.05	28695.99	28696.84	28697.62	28698.33	28699.02	28699.69	28700.37	28701.07	28701.82
13.5	28570.85	28571.98	28573.00	28573.95	28574.82	28575.65	28576.46	28577.27	28578.09	28578.94
14.0	28437.12	28438.42	28439.63	28440.77	28441.84	28442.86	28443.85	28444.84	28445.83	28446.80
14.5	28293.05	28294.45	28295.83	28297.20	28298.55	28299.89	28301.22	28302.64	28304.04	28305.40
15.0	28138.77	28140.20	28141.71	28143.26	28144.85	28146.48	28148.14	28150.04	28151.92	28153.71
15.5	27974.64	27976.03	27977.52	27979.10	27980.76	27982.48	27984.28	27986.51	27988.73	27990.85
16.0	27799.07	27800.41	27801.87	27803.43	27805.10	27806.87	27808.75	27811.35	27813.94	27816.41
16.5	27610.52	27611.94	27613.46	27615.11	27616.88	27618.78	27620.81	27623.96	27627.09	27630.05
17.0	27409.09	27410.54	27412.09	27413.77	27415.59	27417.58	27419.75	27423.52	27427.27	27430.79
17.5	27194.70	27195.87	27197.17	27198.64	27200.31	27202.21	27204.40	27208.78	27213.20	27217.36
18.0	26966.39	26967.33	26968.42	26969.73	26971.30	26973.18	26975.42	26980.42	26985.48	26990.26
18.5	26723.24	26724.37	26725.72	26727.32	26729.22	26731.45	26734.04	26739.61	26745.19	26750.36
19.0	26465.09	26466.38	26467.95	26469.81	26472.00	26474.53	26477.44	26483.61	26489.73	26495.32
19.5	26192.00	26192.94	26194.15	26195.68	26197.57	26199.89	26202.70	26209.59	26216.48	26222.79
20.0	25902.42	25902.97	25903.78	25904.94	25906.53	25908.63	25911.33	25918.95	25926.59	25933.63
20.5	25594.62	25595.12	25596.00	25597.31	25599.11	25601.47	25604.45	25612.65	25620.83	25628.27
21.0	25269.22	25269.74	25270.74	25272.26	25274.33	25277.00	25280.30	25289.12	25297.84	25305.67
21.5	24926.62	24926.98	24927.84	24929.25	24931.26	24933.93	24937.31	24946.99	24956.55	24965.10
22.0	24565.86	24566.05	24566.76	24568.06	24570.01	24572.67	24576.10	24586.56	24596.88	24606.04
22.5	24186.01	24186.15	24186.92	24188.35	24190.47	24193.32	24196.93	24207.69	24218.21	24227.43
23.0	23787.38	23787.50	23788.37	23789.97	23792.32	23795.41	23799.24	23810.31	23821.03	23830.27
23.5	23369.83	23369.94	23370.89	23372.66	23375.23	23378.57	23382.69	23394.59	23406.05	23415.82
24.0	22933.85	22933.86	22934.76	22936.53	22939.15	22942.61	22946.88	22959.64	22971.88	22982.26
24.5	22480.07	22479.66	22480.14	22481.50	22483.74	22486.85	22490.84	22504.06	22516.74	22527.43
25.0	22008.00	22007.10	22007.06	22007.90	22009.64	22012.29	22015.88	22029.53	22042.63	22053.61
25.5	21517.20	21515.98	21515.59	21516.06	21517.44	21519.77	21523.10	21537.46	21551.21	21562.67
26.0	21008.11	21006.57	21005.84	21005.96	21007.02	21009.06	21012.16	21027.29	21041.75	21053.72
26.5	20480.79	20478.73	20477.48	20477.12	20477.73	20479.40	20482.21	20498.10	20513.29	20525.83
27.0	19935.95	19933.54	19931.98	19931.37	19931.77	19933.28	19935.97	19952.43	19968.13	19980.98
27.5	19372.92	19370.86	19369.86	19369.93	19371.04	19373.21	19376.44	19392.91	19408.37	19420.70
28.0	18796.03	18794.23	18793.62	18794.16	18795.76	18798.37	18801.91	18818.38	18833.61	18845.47
28.5	18209.84	18207.17	18205.50	18204.85	18205.24	18206.70	18209.24	18226.39	18242.39	18254.91
29.0	17613.07	17609.56	17606.82	17604.94	17604.06	17604.28	17605.72	17623.42	17640.03	17653.09
29.5	17004.59	17001.49	16999.16	16997.67	16997.07	16997.45	16998.86	17016.11	17032.04	17044.15
30.0	16388.49	16385.83	16384.00	16382.97	16382.77	16383.39	16384.83	16401.44	16416.46	16427.40
30.5	15768.30	15764.91	15762.28	15760.44	15759.39	15759.17	15759.81	15776.20	15790.97	15801.56
31.0	15144.55	15140.49	15137.09	15134.42	15132.53	15131.46	15131.29	15147.57	15162.21	15172.59
31.5	14517.20	14513.75	14510.85	14508.56	14506.92	14505.99	14505.80	14522.09	14536.56	14546.55
32.0	13891.56	13888.77	13886.45	13884.62	13883.31	13882.55	13882.38	13898.41	13912.43	13921.78
32.5	13273.91	13270.72	13268.00	13265.74	13263.95	13262.63	13261.78	13276.61	13289.33	13297.33
33.0	12661.29	12657.52	12654.21	12651.36	12648.94	12646.93	12645.33	12658.93	12670.38	12677.09
33.5	12050.00	12046.14	12042.68	12039.63	12036.96	12034.68	12032.78	12046.17	12057.38	12063.82
34.0	11448.56	11444.57	11440.89	11437.53	11434.51	11431.84	11429.53	11442.75	11453.79	11460.05



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**CANDELA TABULATION - (Cont.)**

34.5	10866.32	10861.70	10857.22	10852.92	10848.87	10845.11	10841.69	10853.89	10863.95	10869.28
35.0	10297.03	10291.80	10286.55	10281.35	10276.30	10271.47	10266.95	10278.01	10286.97	10291.28
35.5	9735.48	9730.10	9724.60	9719.08	9713.65	9708.38	9703.39	9713.76	9722.04	9725.73
36.0	9187.86	9182.66	9177.30	9171.87	9166.45	9161.13	9156.00	9165.69	9173.28	9176.32
36.5	8658.77	8654.41	8649.90	8645.25	8640.50	8635.68	8630.82	8639.39	8645.68	8647.42
37.0	8147.72	8144.05	8140.19	8136.14	8131.88	8127.43	8122.76	8130.47	8135.83	8136.64
37.5	7656.33	7652.02	7647.30	7642.28	7637.06	7631.72	7626.38	7634.49	7640.52	7642.24
38.0	7182.88	7177.99	7172.54	7166.70	7160.67	7154.63	7148.78	7157.31	7164.03	7166.69
38.5	6724.84	6720.90	6716.50	6711.75	6706.78	6701.69	6696.59	6704.24	6709.96	6711.68
39.0	6286.18	6283.45	6280.44	6277.17	6273.63	6269.83	6265.81	6272.53	6277.17	6277.82
39.5	5870.74	5868.54	5866.11	5863.43	5860.50	5857.34	5853.94	5860.86	5865.75	5866.79
40.0	5476.27	5474.62	5472.74	5470.63	5468.30	5465.75	5462.98	5470.23	5475.52	5477.10
40.5	5100.63	5100.24	5099.71	5098.97	5097.97	5096.63	5094.90	5101.67	5106.39	5107.45
41.0	4747.42	4747.96	4748.40	4748.65	4748.61	4748.17	4747.23	4753.71	4758.13	4759.02
41.5	4423.40	4423.01	4422.31	4421.36	4420.19	4418.87	4417.43	4425.00	4431.01	4433.95
42.0	4117.03	4115.97	4114.52	4112.81	4111.00	4109.24	4107.68	4116.15	4123.48	4128.14
42.5	3814.12	3814.99	3815.93	3816.89	3817.80	3818.61	3819.26	3826.83	3832.91	3836.19
43.0	3529.39	3532.64	3536.56	3540.81	3545.06	3548.98	3552.25	3558.55	3562.85	3564.13
43.5	3276.37	3281.12	3286.92	3293.28	3299.69	3305.66	3310.70	3316.20	3319.45	3319.63
44.0	3044.36	3049.76	3056.37	3063.64	3071.02	3077.97	3083.92	3089.22	3092.27	3092.37
44.5	2826.43	2830.71	2835.87	2841.55	2847.38	2853.01	2858.07	2864.64	2869.51	2871.90
45.0	2624.77	2627.69	2631.09	2634.83	2638.77	2642.76	2646.66	2654.59	2661.43	2666.30
45.5	2439.98	2442.82	2446.12	2449.76	2453.63	2457.61	2461.59	2469.59	2476.65	2481.95
46.0	2269.94	2273.03	2276.66	2280.69	2284.97	2289.38	2293.76	2301.48	2308.32	2313.52
46.5	2112.84	2115.98	2119.68	2123.81	2128.24	2132.84	2137.47	2145.25	2152.25	2157.78
47.0	1968.38	1971.64	1975.52	1979.87	1984.55	1989.43	1994.37	2002.10	2009.14	2014.84
47.5	1836.10	1839.84	1844.33	1849.39	1854.81	1860.39	1865.92	1873.14	1879.60	1884.75
48.0	1714.73	1718.76	1723.66	1729.18	1735.07	1741.09	1747.00	1753.75	1759.71	1764.40
48.5	1602.38	1605.96	1610.27	1615.14	1620.37	1625.81	1631.27	1638.12	1644.38	1649.59
49.0	1500.32	1503.18	1506.57	1510.41	1514.62	1519.12	1523.83	1530.94	1537.73	1543.72
49.5	1411.23	1413.30	1415.69	1418.42	1421.52	1425.00	1428.88	1436.31	1443.66	1450.39
50.0	1328.94	1330.48	1332.22	1334.25	1336.63	1339.45	1342.78	1350.24	1357.77	1364.82
50.5	1246.13	1248.10	1250.42	1253.10	1256.13	1259.52	1263.27	1269.87	1276.42	1282.49
51.0	1168.95	1171.49	1174.56	1178.06	1181.92	1186.04	1190.34	1195.92	1201.29	1206.16
51.5	1102.48	1104.97	1107.98	1111.41	1115.18	1119.19	1123.34	1128.40	1133.28	1137.71
52.0	1042.65	1044.95	1047.72	1050.87	1054.33	1058.02	1061.85	1066.56	1071.13	1075.32
52.5	986.96	989.21	991.90	994.95	998.28	1001.81	1005.48	1009.84	1014.07	1017.97
53.0	935.80	937.99	940.59	943.53	946.72	950.09	953.58	957.62	961.54	965.17
53.5	888.94	890.98	893.40	896.13	899.09	902.22	905.45	909.17	912.78	916.14
54.0	845.76	847.65	849.87	852.36	855.06	857.93	860.89	864.28	867.58	870.69
54.5	805.68	807.42	809.45	811.73	814.20	816.82	819.52	822.57	825.55	828.38
55.0	768.47	770.08	771.94	774.03	776.29	778.67	781.15	783.87	786.55	789.11
55.5	733.74	735.23	736.97	738.90	741.00	743.21	745.50	747.95	750.39	752.72
56.0	701.47	702.87	704.50	706.30	708.25	710.30	712.42	714.63	716.83	718.95
56.5	671.65	672.98	674.50	676.18	677.98	679.86	681.80	683.75	685.69	687.58
57.0	643.91	645.17	646.60	648.15	649.80	651.53	653.29	654.99	656.68	658.34
57.5	617.88	619.07	620.40	621.85	623.38	624.96	626.56	628.02	629.48	630.92
58.0	593.50	594.61	595.85	597.18	598.59	600.03	601.49	602.74	603.98	605.22
58.5	570.69	571.70	572.81	574.00	575.26	576.55	577.86	578.92	579.99	581.09
59.0	549.20	550.10	551.10	552.16	553.28	554.43	555.60	556.50	557.43	558.40
59.5	528.73	529.56	530.48	531.45	532.48	533.53	534.59	535.35	536.13	536.96
60.0	509.39	510.16	511.01	511.92	512.87	513.84	514.82	515.44	516.09	516.80
60.5	491.24	491.97	492.77	493.63	494.51	495.41	496.30	496.80	497.32	497.91
61.0	474.08	474.78	475.53	476.34	477.17	478.01	478.84	479.22	479.62	480.09
61.5	457.69	458.35	459.08	459.84	460.63	461.43	462.21	462.49	462.79	463.17
62.0	442.14	442.77	443.46	444.19	444.94	445.69	446.42	446.62	446.83	447.13

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**CANDELA TABULATION - (Cont.)**

62.5	427.47	428.06	428.71	429.40	430.10	430.80	431.47	431.58	431.71	431.93
63.0	413.50	414.06	414.68	415.32	415.97	416.62	417.23	417.27	417.33	417.47
63.5	400.05	400.60	401.19	401.81	402.44	403.05	403.63	403.59	403.58	403.65
64.0	387.15	387.67	388.25	388.84	389.44	390.03	390.57	390.48	390.41	390.43
64.5	374.77	375.26	375.78	376.34	376.89	377.44	377.94	377.83	377.74	377.75
65.0	362.88	363.32	363.80	364.30	364.81	365.31	365.78	365.66	365.57	365.57
65.5	351.50	351.90	352.33	352.79	353.25	353.71	354.14	354.01	353.91	353.91
66.0	340.42	340.78	341.18	341.60	342.03	342.45	342.85	342.71	342.60	342.60
66.5	329.33	329.69	330.09	330.52	330.95	331.38	331.78	331.60	331.45	331.42
67.0	318.47	318.82	319.22	319.65	320.10	320.53	320.94	320.73	320.55	320.49
67.5	308.01	308.33	308.70	309.09	309.49	309.89	310.27	310.08	309.92	309.87
68.0	297.79	298.08	298.39	298.74	299.10	299.46	299.80	299.64	299.52	299.51
68.5	287.68	287.94	288.23	288.55	288.89	289.23	289.56	289.42	289.34	289.36
69.0	277.75	277.98	278.24	278.54	278.86	279.19	279.51	279.41	279.35	279.41
69.5	268.01	268.21	268.45	268.71	269.01	269.31	269.62	269.54	269.52	269.61
70.0	258.46	258.63	258.84	259.08	259.35	259.64	259.95	259.89	259.90	260.02
70.5	249.05	249.21	249.41	249.66	249.94	250.24	250.55	250.53	250.57	250.73
71.0	239.82	239.97	240.17	240.42	240.70	241.01	241.34	241.35	241.42	241.61
71.5	230.81	230.93	231.10	231.32	231.58	231.87	232.19	232.24	232.35	232.58
72.0	221.96	222.05	222.19	222.38	222.61	222.88	223.19	223.26	223.41	223.67
72.5	213.21	213.30	213.44	213.63	213.86	214.13	214.43	214.51	214.65	214.89
73.0	204.56	204.65	204.79	204.98	205.21	205.47	205.77	205.83	205.96	206.19
73.5	196.00	196.06	196.18	196.34	196.54	196.77	197.04	197.11	197.24	197.47
74.0	187.51	187.54	187.63	187.76	187.92	188.13	188.37	188.43	188.56	188.79
74.5	179.09	179.12	179.18	179.29	179.43	179.61	179.82	179.87	179.98	180.19
75.0	170.69	170.71	170.76	170.85	170.97	171.13	171.32	171.35	171.44	171.63
75.5	162.25	162.26	162.31	162.38	162.49	162.62	162.79	162.81	162.89	163.06
76.0	153.77	153.78	153.82	153.89	153.99	154.11	154.26	154.27	154.34	154.49
76.5	145.24	145.26	145.31	145.38	145.49	145.61	145.76	145.75	145.79	145.91
77.0	136.68	136.70	136.76	136.84	136.95	137.08	137.22	137.20	137.23	137.32
77.5	128.12	128.14	128.18	128.25	128.35	128.47	128.61	128.62	128.67	128.79
78.0	119.52	119.51	119.53	119.58	119.65	119.74	119.87	119.90	119.98	120.13
78.5	110.97	110.92	110.88	110.87	110.87	110.91	110.97	110.96	111.01	111.12
79.0	102.03	101.95	101.88	101.82	101.79	101.78	101.79	101.75	101.76	101.83
79.5	92.13	92.09	92.07	92.07	92.09	92.13	92.19	92.18	92.20	92.28
80.0	81.81	81.82	81.86	81.92	82.00	82.09	82.21	82.22	82.26	82.35
80.5	71.36	71.35	71.37	71.41	71.47	71.54	71.64	71.63	71.65	71.71
81.0	61.04	60.99	60.96	60.96	60.97	61.00	61.05	61.01	60.99	61.02
81.5	51.27	51.19	51.12	51.06	51.02	50.99	50.98	50.91	50.88	50.88
82.0	41.78	41.70	41.61	41.53	41.45	41.38	41.32	41.26	41.22	41.21
82.5	32.21	32.17	32.13	32.09	32.06	32.03	32.01	31.99	31.98	31.99
83.0	23.26	23.29	23.33	23.37	23.42	23.47	23.53	23.57	23.61	23.65
83.5	15.34	15.46	15.61	15.77	15.93	16.09	16.25	16.37	16.49	16.59
84.0	9.00	9.20	9.43	9.67	9.92	10.16	10.40	10.58	10.75	10.89
84.5	5.27	5.46	5.66	5.87	6.09	6.31	6.51	6.67	6.80	6.92
85.0	3.20	3.33	3.47	3.62	3.77	3.92	4.05	4.15	4.23	4.30
85.5	2.37	2.44	2.51	2.58	2.66	2.73	2.80	2.85	2.89	2.92
86.0	2.24	2.25	2.26	2.27	2.28	2.29	2.31	2.32	2.33	2.34
86.5	2.07	2.07	2.06	2.06	2.06	2.06	2.06	2.07	2.08	2.09
87.0	2.02	2.03	2.03	2.03	2.03	2.03	2.03	2.05	2.06	2.07
87.5	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.03	2.04
88.0	2.04	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.04	2.04
88.5	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.07
89.0	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
89.5	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13
90.0	2.15	2.15	2.15	2.15	2.15	2.16	2.16	2.16	2.16	2.17

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**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>250.0</b></u>	<u><b>252.5</b></u>	<u><b>255.0</b></u>	<u><b>257.5</b></u>	<u><b>260.0</b></u>	<u><b>262.5</b></u>	<u><b>265.0</b></u>	<u><b>267.5</b></u>	<u><b>270.0</b></u>	<u><b>272.5</b></u>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.71	29890.59	29890.49	29890.50	29890.51	29890.50	29890.46	29890.39	29890.26	29890.72
<b>1.0</b>	29886.80	29886.60	29886.40	29886.39	29886.37	29886.30	29886.18	29885.98	29885.68	29886.39
<b>1.5</b>	29880.31	29880.03	29879.76	29879.68	29879.56	29879.37	29879.08	29878.66	29878.10	29878.82
<b>2.0</b>	29871.29	29870.95	29870.60	29870.46	29870.26	29869.95	29869.51	29868.90	29868.09	29868.73
<b>2.5</b>	29859.98	29859.56	29859.11	29858.97	29858.75	29858.42	29857.94	29857.28	29856.39	29857.03
<b>3.0</b>	29845.85	29845.36	29844.87	29844.77	29844.61	29844.34	29843.89	29843.24	29842.34	29843.01
<b>3.5</b>	29828.30	29827.84	29827.40	29827.47	29827.48	29827.36	29827.04	29826.47	29825.59	29826.35
<b>4.0</b>	29807.76	29807.34	29806.95	29807.23	29807.45	29807.52	29807.36	29806.89	29806.04	29806.89
<b>4.5</b>	29784.69	29784.20	29783.77	29784.19	29784.55	29784.75	29784.69	29784.27	29783.41	29784.35
<b>5.0</b>	29758.42	29757.85	29757.38	29757.99	29758.55	29758.94	29759.04	29758.73	29757.90	29758.85
<b>5.5</b>	29728.29	29727.77	29727.38	29728.39	29729.38	29730.18	29730.65	29730.64	29730.01	29730.75
<b>6.0</b>	29694.60	29694.10	29693.80	29695.21	29696.62	29697.85	29698.70	29698.99	29698.57	29699.10
<b>6.5</b>	29657.67	29657.04	29656.64	29658.25	29659.89	29661.34	29662.38	29662.82	29662.46	29662.96
<b>7.0</b>	29616.71	29615.98	29615.51	29617.28	29619.10	29620.71	29621.88	29622.40	29622.06	29622.59
<b>7.5</b>	29570.75	29570.22	29569.95	29571.96	29574.00	29575.79	29577.09	29577.68	29577.34	29577.94
<b>8.0</b>	29520.53	29520.22	29520.17	29522.42	29524.65	29526.61	29528.03	29528.68	29528.33	29529.07
<b>8.5</b>	29467.04	29466.72	29466.66	29469.03	29471.38	29473.46	29474.99	29475.72	29475.43	29476.43
<b>9.0</b>	29408.55	29408.21	29408.13	29410.64	29413.15	29415.37	29417.02	29417.84	29417.61	29418.86
<b>9.5</b>	29343.48	29343.31	29343.42	29346.26	29349.08	29351.56	29353.40	29354.33	29354.08	29355.49
<b>10.0</b>	29272.38	29272.39	29272.69	29275.86	29278.98	29281.71	29283.73	29284.72	29284.42	29285.99
<b>10.5</b>	29195.68	29195.71	29196.02	29199.33	29202.56	29205.37	29207.41	29208.38	29207.96	29209.88
<b>11.0</b>	29112.14	29112.21	29112.55	29115.98	29119.32	29122.20	29124.25	29125.15	29124.58	29126.81
<b>11.5</b>	29020.35	29020.64	29021.22	29025.02	29028.68	29031.80	29034.00	29034.92	29034.24	29036.40
<b>12.0</b>	28921.25	28921.82	28922.65	28926.74	28930.63	28933.89	28936.13	28936.96	28936.04	28938.21
<b>12.5</b>	28815.93	28816.69	28817.64	28821.60	28825.28	28828.24	28830.09	28830.46	28829.01	28831.70
<b>13.0</b>	28702.63	28703.52	28704.51	28708.29	28711.69	28714.27	28715.65	28715.47	28713.38	28716.73
<b>13.5</b>	28579.81	28580.74	28581.72	28585.60	28589.01	28591.50	28592.66	28592.08	28589.43	28593.28
<b>14.0</b>	28447.78	28448.75	28449.74	28453.72	28457.14	28459.51	28460.39	28459.37	28456.05	28460.43
<b>14.5</b>	28306.70	28307.91	28309.02	28312.91	28316.08	28318.05	28318.38	28316.64	28312.45	28317.47
<b>15.0</b>	28155.38	28156.87	28158.13	28161.82	28164.63	28166.10	28165.76	28163.21	28158.05	28163.74
<b>15.5</b>	27992.79	27994.46	27995.81	27999.29	28001.77	28002.76	28001.81	27998.52	27992.51	27998.79
<b>16.0</b>	27818.64	27820.51	27821.92	27825.08	27827.06	27827.41	27825.68	27821.46	27814.40	27821.35
<b>16.5</b>	27632.67	27634.78	27636.21	27638.77	27639.93	27639.23	27636.26	27630.64	27622.04	27629.84
<b>17.0</b>	27433.86	27436.24	27437.72	27439.59	27439.80	27437.91	27433.52	27426.29	27415.90	27424.71
<b>17.5</b>	27220.98	27223.75	27225.41	27226.75	27226.13	27223.15	27217.42	27208.60	27196.38	27206.41
<b>18.0</b>	26994.38	26997.49	26999.23	26999.90	26998.32	26994.09	26986.86	26976.29	26962.11	26973.34
<b>18.5</b>	26754.71	26757.81	26759.28	26758.80	26755.80	26749.91	26740.82	26728.23	26711.92	26723.95
<b>19.0</b>	26499.90	26503.01	26504.16	26502.43	26497.87	26490.16	26479.03	26464.24	26445.62	26458.63
<b>19.5</b>	26227.95	26231.42	26232.61	26229.85	26223.89	26214.43	26201.24	26184.12	26162.91	26177.87
<b>20.0</b>	25939.37	25943.17	25944.37	25940.50	25933.04	25921.72	25906.36	25886.78	25862.87	25879.81
<b>20.5</b>	25634.23	25637.98	25638.80	25633.51	25624.28	25610.91	25593.26	25571.20	25544.67	25562.70
<b>21.0</b>	25311.80	25315.44	25315.79	25308.85	25297.62	25281.96	25261.78	25237.04	25207.71	25226.80
<b>21.5</b>	24971.72	24975.50	24975.55	24966.70	24953.10	24934.71	24911.51	24883.55	24850.89	24871.77
<b>22.0</b>	24613.05	24616.88	24616.54	24605.67	24589.61	24568.39	24542.11	24510.87	24474.84	24497.61
<b>22.5</b>	24234.26	24237.64	24236.50	24223.73	24205.46	24181.79	24152.89	24118.95	24080.19	24104.38
<b>23.0</b>	23836.88	23839.74	23837.73	23822.97	23802.38	23776.13	23744.44	23707.58	23665.83	23691.48
<b>23.5</b>	23422.66	23425.34	23422.63	23405.61	23382.20	23352.67	23317.30	23276.43	23230.41	23258.03
<b>24.0</b>	22989.40	22991.96	22988.60	22969.26	22942.97	22910.05	22870.87	22825.81	22775.33	22804.88
<b>24.5</b>	22534.67	22537.01	22533.01	22511.66	22482.91	22447.16	22404.82	22356.35	22302.24	22333.14
<b>25.0</b>	22060.92	22063.00	22058.31	22034.72	22003.29	21964.49	21918.82	21866.81	21809.03	21841.18
<b>25.5</b>	21570.14	21571.92	21566.36	21539.62	21504.50	21461.62	21411.59	21355.11	21292.88	21326.62
<b>26.0</b>	21061.36	21062.84	21056.36	21026.36	20987.40	20940.24	20885.65	20824.46	20757.50	20792.74

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26.5	20533.74	20535.05	20527.82	20495.17	20452.94	20401.96	20343.12	20277.29	20205.40	20241.72
27.0	19988.92	19989.85	19981.71	19946.53	19901.23	19846.71	19783.90	19713.77	19637.30	19674.41
27.5	19427.80	19427.55	19417.85	19380.05	19331.84	19274.19	19208.14	19134.75	19055.08	19092.40
28.0	18851.78	18850.40	18839.21	18798.69	18747.46	18686.63	18617.32	18540.67	18457.86	18495.71
28.5	18261.65	18260.28	18248.52	18205.00	18150.19	18085.35	18011.74	17930.65	17843.38	17883.36
29.0	17660.12	17658.65	17646.25	17599.80	17541.52	17472.78	17394.97	17309.50	17217.81	17260.02
29.5	17049.96	17046.98	17032.77	16983.92	16922.99	16851.39	16770.54	16681.91	16586.95	16630.13
30.0	16431.78	16427.13	16411.01	16359.94	16296.59	16222.42	16138.87	16047.43	15949.60	15993.33
30.5	15805.42	15799.99	15782.78	15729.37	15663.38	15586.36	15499.83	15405.36	15304.52	15349.05
31.0	15176.07	15170.02	15151.87	15096.18	15027.64	14947.87	14858.49	14761.16	14657.53	14702.38
31.5	14549.41	14542.46	14523.10	14465.17	14394.16	14311.78	14219.74	14119.79	14013.65	14057.60
32.0	13923.80	13915.81	13895.20	13835.42	13762.43	13678.02	13583.96	13482.06	13374.11	13416.63
32.5	13297.96	13288.62	13266.73	13206.00	13132.18	13047.06	12952.42	12850.06	12741.78	12782.73
33.0	12676.47	12665.95	12643.00	12581.73	12507.51	12422.13	12327.36	12224.96	12116.72	12156.16
33.5	12062.90	12052.04	12028.70	11966.95	11892.20	11806.23	11710.81	11607.70	11498.70	11537.08
34.0	11458.93	11447.85	11424.26	11362.13	11286.97	11200.55	11104.64	11001.04	10891.51	10929.03
34.5	10867.32	10855.49	10831.27	10768.64	10693.16	10606.61	10510.79	10407.50	10298.54	10335.44
35.0	10288.39	10275.80	10251.00	10188.12	10112.64	10026.36	9931.10	9828.65	9720.84	9756.83
35.5	9722.33	9709.38	9684.42	9621.90	9547.02	9461.57	9367.35	9266.15	9159.78	9193.79
36.0	9172.39	9159.08	9134.02	9072.28	8998.46	8914.32	8821.64	8722.19	8617.73	8649.55
36.5	8642.30	8628.06	8602.46	8541.86	8469.62	8387.45	8297.04	8200.09	8098.30	8128.49
37.0	8130.76	8116.00	8090.26	8031.01	7960.54	7880.48	7792.46	7698.12	7599.08	7627.78
37.5	7637.47	7624.00	7599.67	7541.73	7472.67	7394.10	7307.67	7215.00	7117.71	7144.94
38.0	7163.08	7150.97	7128.18	7071.78	7004.40	6927.67	6843.23	6752.68	6657.66	6683.22
38.5	6707.33	6694.86	6672.26	6617.92	6553.22	6479.75	6399.08	6312.75	6222.33	6245.51
39.0	6272.62	6259.69	6237.19	6185.12	6123.36	6053.43	5976.81	5894.98	5809.44	5830.36
39.5	5862.15	5850.04	5828.67	5778.80	5719.55	5652.35	5578.64	5499.84	5417.38	5437.17
40.0	5473.20	5462.07	5441.98	5394.43	5337.77	5273.38	5202.61	5126.84	5047.41	5066.35
40.5	5103.22	5092.11	5072.55	5027.44	4973.78	4912.87	4845.98	4774.40	4699.42	4717.36
41.0	4754.88	4744.25	4725.69	4683.37	4633.06	4575.95	4513.26	4446.18	4375.90	4392.45
41.5	4432.31	4424.57	4409.26	4370.73	4324.43	4271.49	4213.01	4150.14	4083.98	4097.41
42.0	4128.62	4123.39	4110.96	4076.01	4033.56	3984.66	3930.36	3871.70	3809.73	3821.14
42.5	3835.38	3829.19	3816.34	3783.34	3743.55	3697.94	3647.50	3593.21	3536.05	3550.85
43.0	3561.36	3553.51	3539.60	3508.23	3470.84	3428.36	3381.71	3331.81	3279.58	3297.35
43.5	3315.91	3307.47	3293.52	3264.31	3229.76	3190.74	3148.09	3102.67	3055.33	3069.24
44.0	3088.81	3080.87	3067.89	3041.22	3009.71	2974.17	2935.36	2894.09	2851.13	2860.39
44.5	2871.01	2866.08	2856.33	2832.95	2804.80	2772.62	2737.12	2699.03	2659.08	2667.87
45.0	2668.30	2666.55	2660.18	2640.05	2615.18	2586.22	2553.83	2518.69	2481.46	2490.68
45.5	2484.65	2483.91	2478.93	2461.15	2438.97	2413.00	2383.84	2352.10	2318.39	2327.01
46.0	2316.34	2316.03	2311.85	2296.10	2276.36	2253.18	2227.11	2198.70	2168.50	2176.41
46.5	2161.15	2161.65	2158.60	2144.95	2127.60	2107.04	2083.75	2058.24	2031.00	2038.38
47.0	2018.56	2019.66	2017.50	2005.74	1990.55	1972.38	1951.65	1928.79	1904.24	1911.20
47.5	1888.04	1888.94	1886.91	1876.57	1863.16	1847.06	1828.62	1808.22	1786.23	1792.87
48.0	1767.38	1768.17	1766.33	1757.27	1745.48	1731.26	1714.93	1696.82	1677.24	1683.68
48.5	1653.30	1655.06	1654.42	1646.85	1636.77	1624.48	1610.27	1594.47	1577.39	1583.87
49.0	1548.43	1551.38	1552.09	1545.91	1537.34	1526.67	1514.20	1500.24	1485.10	1491.61
49.5	1455.99	1459.91	1461.63	1456.44	1448.78	1438.90	1427.06	1413.51	1398.52	1404.78
50.0	1370.84	1375.28	1377.60	1373.27	1366.47	1357.39	1346.24	1333.22	1318.54	1324.44
50.5	1287.65	1291.46	1293.49	1290.15	1284.75	1277.47	1268.45	1257.88	1245.91	1251.44
51.0	1210.23	1213.20	1214.77	1212.33	1208.32	1202.86	1196.09	1188.15	1179.18	1184.36
51.5	1141.45	1144.24	1145.83	1144.05	1140.93	1136.57	1131.08	1124.58	1117.18	1122.15
52.0	1078.91	1081.68	1083.38	1082.14	1079.70	1076.14	1071.57	1066.06	1059.73	1064.51
52.5	1021.34	1023.98	1025.69	1024.88	1023.02	1020.15	1016.35	1011.70	1006.27	1010.82
53.0	968.32	970.84	972.54	972.11	970.74	968.47	965.35	961.43	956.77	961.06
53.5	919.11	921.53	923.25	923.19	922.31	920.64	918.22	915.07	911.25	915.22
54.0	873.47	875.79	877.53	877.80	877.37	876.26	874.48	872.07	869.05	872.71

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**CANDELA TABULATION - (Cont.)**

54.5	830.94	833.14	834.85	835.40	835.36	834.74	833.55	831.79	829.49	832.95
55.0	791.46	793.52	795.19	795.98	796.29	796.11	795.43	794.25	792.58	795.86
55.5	754.89	756.83	758.46	759.47	760.07	760.26	760.00	759.30	758.15	761.20
56.0	720.94	722.76	724.35	725.54	726.40	726.91	727.03	726.75	726.05	728.87
56.5	689.38	691.06	692.58	693.92	695.02	695.82	696.31	696.44	696.19	698.79
57.0	659.95	661.48	662.92	664.40	665.70	666.78	667.59	668.09	668.26	670.66
57.5	632.34	633.73	635.08	636.68	638.16	639.47	640.57	641.39	641.90	644.14
58.0	606.47	607.73	609.01	610.72	612.36	613.89	615.23	616.34	617.16	619.23
58.5	582.22	583.40	584.65	586.45	588.25	589.97	591.55	592.92	594.02	595.91
59.0	559.42	560.54	561.76	563.66	565.60	567.49	569.28	570.88	572.24	573.93
59.5	537.88	538.92	540.09	542.09	544.15	546.21	548.17	549.96	551.52	553.05
60.0	517.61	518.56	519.69	521.76	523.93	526.12	528.24	530.19	531.91	533.30
60.5	498.61	499.48	500.54	502.66	504.91	507.20	509.44	511.54	513.41	514.67
61.0	480.70	481.48	482.49	484.64	486.95	489.32	491.66	493.88	495.89	497.05
61.5	463.69	464.40	465.36	467.54	469.91	472.36	474.79	477.12	479.24	480.30
62.0	447.57	448.22	449.14	451.35	453.76	456.28	458.79	461.19	463.40	464.37
62.5	432.30	432.89	433.77	436.00	438.45	441.01	443.57	446.04	448.30	449.20
63.0	417.78	418.32	419.15	421.40	423.87	426.47	429.08	431.60	433.92	434.74
63.5	403.90	404.38	405.18	407.44	409.95	412.60	415.27	417.86	420.26	421.00
64.0	390.62	391.07	391.84	394.11	396.64	399.33	402.05	404.69	407.14	407.81
64.5	377.93	378.36	379.12	381.37	383.89	386.56	389.27	391.89	394.34	394.97
65.0	365.76	366.19	366.95	369.18	371.68	374.32	377.00	379.60	382.02	382.61
65.5	354.10	354.54	355.30	357.53	360.03	362.67	365.34	367.93	370.34	370.87
66.0	342.78	343.22	343.98	346.23	348.73	351.38	354.06	356.66	359.07	359.53
66.5	331.56	331.97	332.72	334.99	337.54	340.24	342.96	345.59	348.03	348.46
67.0	320.60	320.99	321.72	324.02	326.59	329.32	332.06	334.72	337.17	337.57
67.5	310.01	310.41	311.15	313.42	315.95	318.63	321.32	323.92	326.30	326.66
68.0	299.69	300.12	300.87	303.09	305.57	308.17	310.78	313.30	315.60	315.90
68.5	289.57	290.02	290.79	292.98	295.41	297.96	300.51	302.96	305.18	305.43
69.0	279.65	280.13	280.90	283.07	285.46	287.96	290.45	292.82	294.97	295.17
69.5	269.88	270.38	271.18	273.31	275.66	278.11	280.54	282.86	284.94	285.10
70.0	260.32	260.85	261.65	263.75	266.05	268.44	270.81	273.05	275.07	275.19
70.5	251.05	251.58	252.39	254.43	256.67	258.98	261.27	263.43	265.35	265.44
71.0	241.95	242.50	243.30	245.28	247.44	249.67	251.87	253.93	255.76	255.83
71.5	232.96	233.53	234.34	236.25	238.33	240.47	242.56	244.52	246.25	246.33
72.0	224.07	224.66	225.47	227.32	229.32	231.37	233.37	235.23	236.87	236.96
72.5	215.28	215.85	216.63	218.44	220.38	222.38	224.32	226.13	227.71	227.77
73.0	206.55	207.09	207.85	209.60	211.50	213.45	215.34	217.10	218.63	218.67
73.5	197.83	198.36	199.10	200.82	202.66	204.54	206.37	208.06	209.52	209.53
74.0	189.15	189.68	190.40	192.07	193.85	195.67	197.43	199.05	200.44	200.43
74.5	180.53	181.04	181.73	183.35	185.09	186.86	188.57	190.13	191.46	191.44
75.0	171.95	172.42	173.08	174.64	176.32	178.03	179.67	181.17	182.44	182.42
75.5	163.35	163.79	164.41	165.89	167.48	169.09	170.63	172.04	173.22	173.23
76.0	154.76	155.16	155.73	157.12	158.62	160.12	161.57	162.88	163.98	164.01
76.5	146.14	146.49	147.01	148.34	149.76	151.20	152.59	153.83	154.88	154.90
77.0	137.52	137.84	138.32	139.58	140.94	142.32	143.63	144.81	145.80	145.80
77.5	129.01	129.34	129.81	131.01	132.28	133.56	134.78	135.86	136.74	136.72
78.0	120.36	120.70	121.16	122.29	123.48	124.66	125.77	126.74	127.52	127.48
78.5	111.31	111.61	112.03	113.09	114.20	115.31	116.33	117.22	117.90	117.82
79.0	101.98	102.23	102.60	103.59	104.64	105.67	106.62	107.43	108.03	107.93
79.5	92.43	92.67	93.01	93.94	94.91	95.87	96.74	97.48	98.02	97.98
80.0	82.50	82.73	83.05	83.91	84.82	85.70	86.51	87.19	87.68	87.73
80.5	71.83	72.02	72.31	73.12	73.97	74.80	75.57	76.22	76.69	76.82
81.0	61.10	61.26	61.50	62.24	63.02	63.79	64.50	65.09	65.53	65.74
81.5	50.93	51.05	51.24	51.86	52.52	53.16	53.73	54.20	54.51	54.77
82.0	41.24	41.32	41.46	41.95	42.46	42.94	43.36	43.67	43.83	44.12

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**CANDELA TABULATION - (Cont.)**

<b>82.5</b>	32.03	32.09	32.18	32.53	32.87	33.19	33.44	33.60	33.63	33.92
<b>83.0</b>	23.70	23.76	23.82	24.03	24.22	24.37	24.47	24.49	24.40	24.69
<b>83.5</b>	16.67	16.74	16.79	16.89	16.95	16.96	16.93	16.83	16.65	16.92
<b>84.0</b>	11.00	11.08	11.13	11.14	11.11	11.04	10.92	10.75	10.53	10.77
<b>84.5</b>	7.01	7.07	7.10	7.09	7.05	6.98	6.87	6.72	6.54	6.74
<b>85.0</b>	4.35	4.38	4.40	4.40	4.38	4.34	4.27	4.19	4.08	4.22
<b>85.5</b>	2.95	2.97	2.98	2.98	2.97	2.95	2.92	2.88	2.83	2.90
<b>86.0</b>	2.35	2.36	2.37	2.37	2.38	2.38	2.37	2.36	2.35	2.37
<b>86.5</b>	2.10	2.11	2.11	2.12	2.13	2.13	2.13	2.13	2.12	2.12
<b>87.0</b>	2.08	2.10	2.11	2.12	2.12	2.12	2.12	2.11	2.10	2.10
<b>87.5</b>	2.05	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.07	2.07
<b>88.0</b>	2.05	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.08	2.08
<b>88.5</b>	2.07	2.07	2.08	2.08	2.09	2.10	2.10	2.10	2.10	2.10
<b>89.0</b>	2.10	2.11	2.11	2.12	2.12	2.13	2.13	2.14	2.14	2.14
<b>89.5</b>	2.14	2.14	2.14	2.15	2.16	2.17	2.17	2.18	2.18	2.18
<b>90.0</b>	2.17	2.18	2.18	2.19	2.20	2.21	2.22	2.22	2.22	2.23

**Vert.  
Angles**

**Horizontal Angles**

	<u><b>275.0</b></u>	<u><b>277.5</b></u>	<u><b>280.0</b></u>	<u><b>282.5</b></u>	<u><b>285.0</b></u>	<u><b>287.5</b></u>	<u><b>290.0</b></u>	<u><b>292.5</b></u>	<u><b>295.0</b></u>	<u><b>297.5</b></u>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29891.08	29891.36	29891.55	29891.66	29891.70	29891.58	29891.41	29891.21	29890.99	29890.77
<b>1.0</b>	29886.95	29887.36	29887.64	29887.79	29887.82	29887.65	29887.40	29887.11	29886.80	29886.50
<b>1.5</b>	29879.36	29879.72	29879.94	29880.04	29880.03	29879.89	29879.70	29879.47	29879.23	29879.02
<b>2.0</b>	29869.17	29869.43	29869.54	29869.54	29869.46	29869.38	29869.27	29869.14	29869.02	29868.93
<b>2.5</b>	29857.42	29857.62	29857.66	29857.58	29857.42	29857.36	29857.28	29857.18	29857.09	29857.02
<b>3.0</b>	29843.39	29843.53	29843.48	29843.30	29843.04	29842.96	29842.85	29842.73	29842.61	29842.49
<b>3.5</b>	29826.73	29826.83	29826.68	29826.36	29825.94	29825.74	29825.52	29825.27	29825.01	29824.77
<b>4.0</b>	29807.29	29807.32	29807.05	29806.56	29805.94	29805.59	29805.20	29804.79	29804.38	29803.98
<b>4.5</b>	29784.74	29784.68	29784.27	29783.60	29782.77	29782.25	29781.70	29781.13	29780.58	29780.07
<b>5.0</b>	29759.16	29758.94	29758.32	29757.40	29756.31	29755.64	29754.95	29754.26	29753.61	29753.03
<b>5.5</b>	29730.76	29730.19	29729.17	29727.86	29726.39	29725.64	29724.90	29724.20	29723.55	29722.98
<b>6.0</b>	29698.80	29697.87	29696.46	29694.75	29692.91	29692.08	29691.31	29690.61	29689.97	29689.41
<b>6.5</b>	29662.54	29661.43	29659.80	29657.84	29655.75	29654.82	29653.96	29653.17	29652.46	29651.83
<b>7.0</b>	29622.14	29620.93	29619.15	29617.01	29614.73	29613.70	29612.73	29611.84	29611.02	29610.29
<b>7.5</b>	29577.48	29576.19	29574.29	29572.00	29569.55	29568.45	29567.42	29566.48	29565.55	29564.73
<b>8.0</b>	29528.67	29527.38	29525.41	29523.03	29520.44	29519.24	29518.08	29516.98	29515.94	29514.96
<b>8.5</b>	29476.22	29475.05	29473.15	29470.76	29468.10	29466.64	29465.18	29463.74	29462.35	29461.03
<b>9.0</b>	29418.85	29417.80	29415.95	29413.53	29410.78	29409.08	29407.32	29405.55	29403.82	29402.17
<b>9.5</b>	29355.50	29354.38	29352.38	29349.76	29346.78	29345.00	29343.15	29341.30	29339.47	29337.71
<b>10.0</b>	29286.04	29284.84	29282.69	29279.87	29276.67	29274.85	29272.98	29271.09	29269.22	29267.41
<b>10.5</b>	29210.16	29209.09	29206.97	29204.12	29200.83	29198.91	29196.90	29194.85	29192.80	29190.80
<b>11.0</b>	29127.29	29126.33	29124.27	29121.41	29118.08	29116.18	29114.16	29112.08	29109.97	29107.90
<b>11.5</b>	29036.77	29035.67	29033.48	29030.51	29027.12	29025.61	29024.03	29022.40	29020.73	29019.03
<b>12.0</b>	28938.53	28937.37	28935.10	28932.08	28928.70	28927.59	28926.47	28925.30	28924.07	28922.75
<b>12.5</b>	28832.46	28831.65	28829.66	28826.86	28823.63	28822.56	28821.43	28820.22	28818.93	28817.55
<b>13.0</b>	28718.04	28717.68	28716.05	28713.52	28710.46	28709.38	28708.17	28706.85	28705.43	28703.94
<b>13.5</b>	28594.97	28594.89	28593.45	28591.04	28588.07	28587.13	28586.05	28584.85	28583.56	28582.19
<b>14.0</b>	28462.51	28462.72	28461.47	28459.21	28456.33	28455.63	28454.76	28453.77	28452.67	28451.49
<b>14.5</b>	28320.05	28320.66	28319.73	28317.71	28315.03	28314.62	28314.02	28313.26	28312.35	28311.32
<b>15.0</b>	28166.89	28167.97	28167.44	28165.74	28163.36	28163.32	28163.06	28162.60	28161.94	28161.11
<b>15.5</b>	28002.50	28004.09	28004.04	28002.80	28000.85	28001.29	28001.49	28001.44	28001.15	28000.63
<b>16.0</b>	27825.70	27827.90	27828.43	27827.74	27826.30	27827.26	27827.92	27828.31	27828.42	27828.26
<b>16.5</b>	27634.98	27637.92	27639.13	27639.06	27638.18	27639.54	27640.57	27641.28	27641.69	27641.81
<b>17.0</b>	27430.78	27434.59	27436.59	27437.25	27437.03	27438.88	27440.32	27441.41	27442.16	27442.62
<b>17.5</b>	27213.61	27218.46	27221.43	27222.98	27223.56	27226.12	27228.21	27229.87	27231.14	27232.05

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**CANDELA TABULATION - (Cont.)**

18.0	26981.70	26987.66	26991.67	26994.21	26995.72	26999.13	27002.01	27004.39	27006.30	27007.79
18.5	26733.20	26740.10	26745.11	26748.67	26751.21	26755.57	26759.37	26762.63	26765.39	26767.68
19.0	26468.93	26476.93	26483.07	26487.77	26491.45	26496.86	26501.66	26505.88	26509.54	26512.65
19.5	26189.95	26199.60	26207.25	26213.31	26218.23	26224.80	26230.63	26235.74	26240.15	26243.87
20.0	25893.75	25905.13	25914.38	25921.92	25928.18	25935.93	25942.82	25948.86	25954.05	25958.42
20.5	25577.87	25590.58	25601.22	25610.18	25617.85	25626.72	25634.68	25641.76	25647.97	25653.33
21.0	25243.23	25257.33	25269.47	25279.98	25289.21	25299.20	25308.25	25316.38	25323.62	25330.00
21.5	24890.10	24906.17	24920.26	24932.68	24943.69	24954.89	24964.98	24974.02	24982.03	24989.08
22.0	24517.91	24536.00	24552.12	24566.50	24579.36	24591.85	24603.07	24613.09	24621.97	24629.75
22.5	24126.24	24145.97	24163.78	24179.87	24194.43	24208.36	24220.96	24232.32	24242.47	24251.48
23.0	23714.90	23736.27	23755.76	23773.56	23789.83	23805.28	23819.37	23832.16	23843.70	23854.06
23.5	23283.44	23306.81	23328.30	23348.03	23366.16	23383.21	23398.79	23412.97	23425.79	23437.31
24.0	22832.25	22857.59	22881.03	22902.67	22922.63	22941.26	22958.32	22973.87	22987.96	23000.64
24.5	22361.94	22388.77	22413.72	22436.91	22458.41	22478.48	22496.95	22513.88	22529.30	22543.28
25.0	21871.38	21899.70	21926.24	21951.05	21974.18	21995.60	22015.40	22033.63	22050.33	22065.57
25.5	21358.70	21389.11	21417.84	21444.86	21470.14	21492.70	21513.52	21532.71	21550.36	21566.58
26.0	20826.65	20859.13	20890.06	20919.35	20946.86	20970.78	20992.85	21013.23	21032.05	21049.43
26.5	20276.97	20311.03	20343.73	20374.94	20404.48	20430.59	20454.87	20477.41	20498.28	20517.57
27.0	19710.72	19746.05	19780.26	19813.15	19844.54	19872.97	19899.63	19924.54	19947.68	19969.05
27.5	19129.20	19165.30	19200.51	19234.64	19267.49	19297.86	19326.59	19353.62	19378.88	19402.30
28.0	18533.31	18570.45	18606.90	18642.43	18676.81	18708.75	18739.11	18767.78	18794.66	18819.65
28.5	17923.36	17963.05	18002.07	18040.10	18076.75	18109.57	18140.53	18169.60	18196.75	18221.92
29.0	17302.45	17344.67	17386.22	17426.64	17465.46	17498.98	17530.36	17559.66	17586.89	17612.10
29.5	16673.57	16716.84	16759.47	16801.00	16840.95	16875.56	16908.05	16938.47	16966.86	16993.26
30.0	16037.38	16081.30	16124.65	16166.96	16207.78	16243.46	16277.10	16308.72	16338.37	16366.05
30.5	15394.09	15439.14	15483.71	15527.28	15569.34	15605.83	15640.21	15672.53	15702.81	15731.09
31.0	14748.02	14793.88	14839.40	14884.02	14927.13	14964.25	14999.22	15032.07	15062.83	15091.55
31.5	14102.72	14148.40	14194.03	14238.97	14282.59	14320.18	14355.70	14389.17	14420.58	14449.94
32.0	13460.70	13505.67	13550.89	13595.68	13639.37	13677.19	13713.08	13747.00	13778.93	13808.84
32.5	12825.48	12869.35	12913.68	12957.80	13001.00	13038.73	13074.68	13108.76	13140.90	13171.02
33.0	12197.56	12240.24	12283.53	12326.78	12369.27	12406.63	12442.34	12476.27	12508.33	12538.39
33.5	11577.52	11619.34	11661.87	11704.41	11746.28	11783.00	11818.13	11851.57	11883.20	11912.93
34.0	10968.67	11009.73	11051.53	11093.38	11134.57	11170.37	11204.62	11237.23	11268.12	11297.21
34.5	10374.48	10414.93	10456.11	10497.28	10537.70	10572.20	10605.09	10636.36	10665.98	10693.94
35.0	9794.99	9834.58	9874.88	9915.15	9954.64	9987.84	10019.42	10049.41	10077.83	10104.69
35.5	9230.07	9267.91	9306.61	9345.45	9383.70	9416.22	9447.30	9476.91	9505.02	9531.61
36.0	8683.72	8719.58	8756.43	8793.60	8830.38	8862.11	8892.58	8921.71	8949.42	8975.64
36.5	8160.99	8195.12	8230.23	8265.65	8300.68	8330.70	8359.51	8387.05	8413.27	8438.12
37.0	7658.69	7691.17	7724.57	7758.23	7791.48	7819.58	7846.51	7872.22	7896.72	7919.98
37.5	7174.35	7205.28	7237.12	7269.21	7300.90	7327.41	7352.78	7377.01	7400.09	7422.05
38.0	6710.96	6740.25	6770.46	6800.96	6831.11	6856.23	6880.27	6903.23	6925.13	6945.96
38.5	6270.96	6298.09	6326.29	6354.94	6383.43	6407.53	6430.71	6452.92	6474.10	6494.21
39.0	5853.63	5878.67	5904.90	5931.73	5958.55	5981.62	6003.91	6025.31	6045.73	6065.06
39.5	5459.17	5482.82	5507.56	5532.83	5558.07	5579.61	5600.39	5620.30	5639.26	5657.18
40.0	5087.30	5109.72	5133.10	5156.90	5180.58	5200.54	5219.72	5238.05	5255.47	5271.92
40.5	4737.18	4758.36	4780.43	4802.87	4825.17	4843.87	4861.81	4878.95	4895.23	4910.62
41.0	4410.73	4430.27	4450.63	4471.35	4491.98	4509.43	4526.20	4542.26	4557.55	4572.02
41.5	4112.34	4128.43	4145.34	4162.74	4180.29	4196.09	4211.53	4226.50	4240.89	4254.59
42.0	3833.78	3847.41	3861.79	3876.68	3891.83	3906.21	3920.42	3934.31	3947.73	3960.55
42.5	3566.50	3582.73	3599.26	3615.80	3632.07	3646.12	3659.53	3672.27	3684.33	3695.65
43.0	3315.78	3334.52	3353.22	3371.53	3389.10	3402.81	3415.45	3427.10	3437.83	3447.75
43.5	3084.29	3100.10	3116.28	3132.45	3148.22	3160.52	3172.01	3182.73	3192.74	3202.06
44.0	2871.27	2883.38	2896.33	2909.73	2923.17	2933.89	2944.17	2954.00	2963.34	2972.19
44.5	2678.09	2689.39	2701.39	2713.75	2726.07	2735.69	2744.86	2753.58	2761.84	2769.64
45.0	2501.01	2512.13	2523.73	2535.47	2547.01	2555.81	2564.07	2571.82	2579.08	2585.88
45.5	2336.67	2347.08	2357.94	2368.93	2379.75	2388.07	2395.87	2403.18	2410.00	2416.35

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**CANDELA TABULATION - (Cont.)**

46.0	2185.31	2194.95	2205.04	2215.30	2225.43	2233.39	2240.89	2247.92	2254.47	2260.53
46.5	2046.64	2055.53	2064.81	2074.23	2083.54	2091.04	2098.12	2104.77	2110.97	2116.69
47.0	1918.90	1927.11	1935.65	1944.29	1952.82	1959.84	1966.48	1972.72	1978.53	1983.90
47.5	1800.12	1807.80	1815.73	1823.73	1831.60	1838.10	1844.23	1849.99	1855.34	1860.28
48.0	1690.65	1697.99	1705.53	1713.10	1720.52	1726.58	1732.27	1737.58	1742.49	1747.00
48.5	1590.94	1598.40	1606.08	1613.76	1621.25	1627.21	1632.73	1637.80	1642.39	1646.50
49.0	1498.71	1506.20	1513.88	1521.55	1528.99	1534.80	1540.13	1544.96	1549.27	1553.05
49.5	1411.33	1418.05	1424.81	1431.46	1437.88	1443.03	1447.79	1452.17	1456.16	1459.79
50.0	1330.34	1336.16	1341.87	1347.40	1352.70	1357.19	1361.41	1365.36	1369.08	1372.58
50.5	1256.90	1262.24	1267.44	1272.47	1277.29	1281.63	1285.71	1289.54	1293.11	1296.42
51.0	1189.46	1194.46	1199.33	1204.04	1208.57	1212.85	1216.88	1220.62	1224.05	1227.15
51.5	1126.99	1131.69	1136.23	1140.61	1144.80	1148.83	1152.61	1156.11	1159.31	1162.17
52.0	1069.12	1073.55	1077.81	1081.87	1085.74	1089.49	1093.01	1096.26	1099.21	1101.84
52.5	1015.16	1019.31	1023.26	1027.02	1030.59	1034.13	1037.44	1040.51	1043.29	1045.76
53.0	965.12	968.96	972.60	976.06	979.33	982.67	985.80	988.69	991.32	993.64
53.5	918.94	922.44	925.74	928.86	931.82	934.93	937.86	940.57	943.04	945.22
54.0	876.10	879.28	882.25	885.05	887.70	890.57	893.29	895.82	898.11	900.15
54.5	836.12	839.04	841.75	844.27	846.65	849.28	851.77	854.07	856.16	858.01
55.0	798.82	801.52	803.98	806.25	808.38	810.79	813.05	815.14	817.03	818.69
55.5	763.92	766.37	768.58	770.60	772.49	774.71	776.81	778.75	780.50	782.03
56.0	731.35	733.55	735.52	737.31	738.97	741.02	742.96	744.76	746.38	747.79
56.5	701.06	703.03	704.77	706.34	707.78	709.64	711.39	713.02	714.48	715.75
57.0	672.72	674.49	676.02	677.38	678.61	680.28	681.86	683.32	684.64	685.77
57.5	646.02	647.60	648.95	650.12	651.18	652.70	654.14	655.47	656.67	657.70
58.0	620.94	622.34	623.51	624.50	625.39	626.77	628.08	629.30	630.40	631.34
58.5	597.42	598.62	599.59	600.40	601.10	602.34	603.52	604.63	605.62	606.47
59.0	575.25	576.26	577.04	577.66	578.18	579.29	580.34	581.34	582.23	583.00
59.5	554.19	555.02	555.62	556.06	556.42	557.40	558.34	559.24	560.05	560.75
60.0	534.29	534.96	535.40	535.68	535.89	536.75	537.59	538.39	539.12	539.76
60.5	515.54	516.08	516.40	516.56	516.65	517.40	518.15	518.86	519.52	520.09
61.0	497.80	498.24	498.44	498.50	498.49	499.15	499.81	500.44	501.02	501.52
61.5	480.95	481.28	481.37	481.32	481.20	481.78	482.36	482.92	483.44	483.88
62.0	464.93	465.17	465.16	465.01	464.80	465.29	465.80	466.29	466.74	467.13
62.5	449.68	449.84	449.75	449.52	449.23	449.64	450.07	450.48	450.86	451.19
63.0	435.15	435.23	435.08	434.77	434.41	434.74	435.09	435.44	435.76	436.03
63.5	421.32	421.31	421.07	420.68	420.24	420.51	420.81	421.11	421.38	421.62
64.0	408.05	407.97	407.65	407.19	406.68	406.91	407.16	407.42	407.66	407.86
64.5	395.18	395.07	394.72	394.23	393.69	393.87	394.08	394.29	394.49	394.64
65.0	382.79	382.65	382.28	381.76	381.20	381.34	381.51	381.68	381.83	381.95
65.5	370.99	370.79	370.36	369.79	369.17	369.28	369.40	369.54	369.66	369.75
66.0	359.59	359.32	358.83	358.21	357.54	357.60	357.69	357.80	357.89	357.96
66.5	348.47	348.16	347.61	346.93	346.21	346.24	346.32	346.40	346.49	346.54
67.0	337.54	337.18	336.59	335.87	335.10	335.11	335.16	335.23	335.30	335.34
67.5	326.60	326.21	325.61	324.86	324.08	324.05	324.06	324.09	324.12	324.13
68.0	315.81	315.40	314.78	314.03	313.25	313.17	313.14	313.14	313.14	313.12
68.5	305.30	304.87	304.22	303.46	302.67	302.57	302.53	302.51	302.49	302.47
69.0	295.00	294.54	293.88	293.10	292.29	292.19	292.13	292.10	292.08	292.06
69.5	284.89	284.40	283.72	282.92	282.10	281.98	281.90	281.86	281.84	281.81
70.0	274.96	274.45	273.74	272.93	272.09	271.95	271.87	271.82	271.79	271.75
70.5	265.18	264.65	263.93	263.10	262.26	262.11	262.01	261.96	261.92	261.89
71.0	255.55	255.01	254.29	253.46	252.62	252.46	252.35	252.29	252.25	252.21
71.5	246.07	245.55	244.84	244.04	243.22	243.04	242.91	242.82	242.75	242.70
72.0	236.71	236.22	235.54	234.77	233.97	233.77	233.62	233.51	233.42	233.35
72.5	227.52	227.01	226.34	225.58	224.79	224.60	224.46	224.36	224.29	224.23
73.0	218.39	217.87	217.20	216.44	215.66	215.49	215.37	215.29	215.23	215.19
73.5	209.24	208.72	208.04	207.28	206.52	206.35	206.24	206.17	206.13	206.11



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**CANDELA TABULATION - (Cont.)**

<b>74.0</b>	200.13	199.60	198.93	198.17	197.42	197.26	197.15	197.09	197.06	197.04
<b>74.5</b>	191.13	190.60	189.93	189.18	188.42	188.26	188.15	188.09	188.06	188.04
<b>75.0</b>	182.12	181.61	180.95	180.21	179.47	179.30	179.19	179.13	179.09	179.07
<b>75.5</b>	172.97	172.50	171.88	171.20	170.51	170.36	170.26	170.20	170.17	170.15
<b>76.0</b>	163.78	163.36	162.79	162.16	161.52	161.39	161.30	161.26	161.23	161.22
<b>76.5</b>	154.67	154.25	153.70	153.08	152.45	152.33	152.27	152.23	152.22	152.22
<b>77.0</b>	145.56	145.13	144.58	143.97	143.35	143.25	143.20	143.18	143.19	143.20
<b>77.5</b>	136.48	136.06	135.52	134.93	134.34	134.26	134.23	134.24	134.27	134.30
<b>78.0</b>	127.22	126.80	126.28	125.70	125.14	125.08	125.08	125.11	125.16	125.21
<b>78.5</b>	117.54	117.09	116.55	115.96	115.39	115.34	115.35	115.39	115.46	115.53
<b>79.0</b>	107.64	107.19	106.64	106.06	105.49	105.44	105.45	105.50	105.57	105.65
<b>79.5</b>	97.75	97.37	96.90	96.38	95.87	95.81	95.81	95.84	95.88	95.92
<b>80.0</b>	87.59	87.30	86.92	86.49	86.05	86.00	85.98	85.98	85.99	86.00
<b>80.5</b>	76.77	76.58	76.29	75.94	75.57	75.54	75.54	75.54	75.53	75.52
<b>81.0</b>	65.77	65.66	65.45	65.17	64.87	64.87	64.87	64.87	64.86	64.83
<b>81.5</b>	54.85	54.78	54.61	54.38	54.11	54.11	54.10	54.10	54.08	54.05
<b>82.0</b>	44.23	44.21	44.08	43.88	43.65	43.65	43.65	43.64	43.62	43.59
<b>82.5</b>	34.07	34.11	34.06	33.94	33.80	33.82	33.85	33.86	33.86	33.85
<b>83.0</b>	24.87	24.97	24.99	24.97	24.91	24.97	25.01	25.04	25.06	25.06
<b>83.5</b>	17.12	17.27	17.36	17.41	17.43	17.48	17.51	17.53	17.53	17.51
<b>84.0</b>	10.97	11.13	11.27	11.37	11.44	11.48	11.49	11.48	11.45	11.42
<b>84.5</b>	6.91	7.05	7.17	7.26	7.32	7.34	7.34	7.33	7.30	7.26
<b>85.0</b>	4.34	4.44	4.52	4.57	4.61	4.62	4.62	4.60	4.57	4.54
<b>85.5</b>	2.96	3.02	3.06	3.09	3.11	3.12	3.11	3.10	3.09	3.07
<b>86.0</b>	2.38	2.40	2.41	2.41	2.42	2.42	2.42	2.43	2.43	2.43
<b>86.5</b>	2.12	2.11	2.11	2.11	2.11	2.11	2.12	2.13	2.13	2.14
<b>87.0</b>	2.09	2.09	2.08	2.08	2.07	2.08	2.09	2.10	2.11	2.11
<b>87.5</b>	2.06	2.06	2.05	2.04	2.04	2.04	2.05	2.06	2.07	2.07
<b>88.0</b>	2.08	2.07	2.07	2.06	2.06	2.06	2.07	2.07	2.07	2.08
<b>88.5</b>	2.11	2.10	2.10	2.10	2.09	2.09	2.10	2.10	2.10	2.10
<b>89.0</b>	2.15	2.15	2.15	2.14	2.14	2.14	2.14	2.14	2.14	2.14
<b>89.5</b>	2.19	2.19	2.18	2.18	2.17	2.17	2.17	2.17	2.17	2.17
<b>90.0</b>	2.23	2.22	2.22	2.21	2.20	2.20	2.20	2.20	2.20	2.20

**Vert.  
Angles**

**Horizontal Angles**

	<b><u>300.0</u></b>	<b><u>302.5</u></b>	<b><u>305.0</u></b>	<b><u>307.5</u></b>	<b><u>310.0</u></b>	<b><u>312.5</u></b>	<b><u>315.0</u></b>	<b><u>317.5</u></b>	<b><u>320.0</u></b>	<b><u>322.5</u></b>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.58	29890.61	29890.68	29890.75	29890.84	29890.92	29890.97	29890.84	29890.70	29890.54
<b>1.0</b>	29886.23	29886.33	29886.47	29886.63	29886.81	29886.96	29887.08	29886.89	29886.67	29886.43
<b>1.5</b>	29878.86	29879.07	29879.33	29879.62	29879.91	29880.18	29880.39	29880.23	29880.01	29879.77
<b>2.0</b>	29868.89	29869.18	29869.52	29869.88	29870.23	29870.55	29870.82	29870.71	29870.54	29870.34
<b>2.5</b>	29856.98	29857.18	29857.41	29857.66	29857.90	29858.12	29858.29	29858.19	29858.04	29857.88
<b>3.0</b>	29842.40	29842.45	29842.54	29842.63	29842.72	29842.80	29842.86	29842.75	29842.63	29842.50
<b>3.5</b>	29824.55	29824.48	29824.45	29824.44	29824.45	29824.46	29824.46	29824.36	29824.26	29824.17
<b>4.0</b>	29803.62	29803.50	29803.42	29803.37	29803.36	29803.36	29803.37	29803.26	29803.16	29803.07
<b>4.5</b>	29779.64	29779.62	29779.68	29779.79	29779.94	29780.09	29780.23	29780.07	29779.89	29779.71
<b>5.0</b>	29752.55	29752.62	29752.79	29753.03	29753.31	29753.59	29753.84	29753.63	29753.39	29753.14
<b>5.5</b>	29722.51	29722.43	29722.46	29722.55	29722.69	29722.85	29723.00	29722.84	29722.66	29722.50
<b>6.0</b>	29688.93	29688.67	29688.48	29688.36	29688.30	29688.28	29688.29	29688.16	29688.05	29688.00
<b>6.5</b>	29651.28	29650.91	29650.61	29650.38	29650.22	29650.10	29650.02	29649.85	29649.71	29649.63
<b>7.0</b>	29609.64	29609.16	29608.76	29608.44	29608.17	29607.96	29607.78	29607.51	29607.29	29607.11
<b>7.5</b>	29563.98	29563.37	29562.83	29562.35	29561.93	29561.56	29561.23	29560.80	29560.42	29560.11
<b>8.0</b>	29514.06	29513.31	29512.64	29512.02	29511.46	29510.94	29510.46	29509.84	29509.27	29508.78
<b>8.5</b>	29459.81	29458.96	29458.21	29457.54	29456.94	29456.38	29455.84	29455.00	29454.20	29453.46
<b>9.0</b>	29400.63	29399.68	29398.87	29398.14	29397.50	29396.89	29396.28	29395.22	29394.18	29393.20

CANDELA TABULATION - (Cont.)

9.5	29336.06	29334.98	29334.03	29333.17	29332.37	29331.59	29330.82	29329.56	29328.31	29327.12
10.0	29265.70	29264.48	29263.38	29262.35	29261.38	29260.42	29259.46	29258.04	29256.63	29255.27
10.5	29188.90	29187.57	29186.35	29185.22	29184.14	29183.09	29182.04	29180.52	29179.01	29177.57
11.0	29105.90	29104.43	29103.05	29101.76	29100.52	29099.32	29098.13	29096.55	29095.01	29093.54
11.5	29017.31	29015.57	29013.84	29012.12	29010.44	29008.79	29007.21	29005.63	29004.14	29002.77
12.0	28921.33	28919.40	28917.39	28915.34	28913.30	28911.29	28909.38	28907.81	28906.38	28905.09
12.5	28816.08	28814.27	28812.39	28810.48	28808.57	28806.69	28804.87	28803.29	28801.83	28800.48
13.0	28702.39	28700.81	28699.21	28697.58	28695.95	28694.34	28692.74	28691.14	28689.61	28688.14
13.5	28580.77	28579.47	28578.14	28576.79	28575.41	28574.00	28572.55	28570.89	28569.22	28567.58
14.0	28450.25	28449.18	28448.05	28446.88	28445.66	28444.38	28443.02	28441.31	28439.56	28437.80
14.5	28310.19	28309.07	28307.88	28306.61	28305.28	28303.90	28302.46	28300.83	28299.18	28297.55
15.0	28160.11	28158.93	28157.62	28156.21	28154.73	28153.20	28151.64	28150.09	28148.55	28147.05
15.5	27999.90	27998.80	27997.53	27996.10	27994.56	27992.94	27991.26	27989.63	27988.01	27986.41
16.0	27827.83	27826.96	27825.86	27824.56	27823.11	27821.52	27819.85	27818.17	27816.46	27814.75
16.5	27641.67	27641.25	27640.60	27639.75	27638.72	27637.53	27636.20	27634.68	27633.08	27631.45
17.0	27442.80	27442.89	27442.76	27442.41	27441.86	27441.10	27440.16	27438.86	27437.42	27435.88
17.5	27232.63	27233.11	27233.32	27233.25	27232.94	27232.38	27231.57	27230.35	27228.94	27227.38
18.0	27008.89	27009.76	27010.30	27010.51	27010.42	27010.02	27009.35	27008.27	27006.96	27005.46
18.5	26769.52	26770.96	26772.01	26772.68	26772.99	26772.98	26772.65	26771.96	26771.02	26769.87
19.0	26515.23	26517.18	26518.65	26519.68	26520.33	26520.62	26520.59	26520.36	26519.88	26519.18
19.5	26246.90	26248.86	26250.24	26251.11	26251.56	26251.68	26251.53	26251.76	26251.80	26251.65
20.0	25961.97	25964.14	25965.62	25966.52	25966.95	25967.03	25966.86	25967.42	25967.81	25968.01
20.5	25657.87	25661.30	25663.99	25666.02	25667.46	25668.39	25668.88	25669.23	25669.25	25668.97
21.0	25335.55	25340.30	25344.29	25347.54	25350.11	25352.01	25353.29	25353.62	25353.45	25352.88
21.5	24995.20	25000.36	25004.71	25008.30	25011.21	25013.49	25015.21	25016.59	25017.51	25018.01
22.0	24636.50	24642.05	24646.73	24650.64	24653.88	24656.54	24658.73	24661.34	24663.55	24665.33
22.5	24259.40	24266.11	24271.89	24276.83	24281.03	24284.58	24287.58	24290.91	24293.75	24296.04
23.0	23863.27	23871.26	23878.24	23884.31	23889.55	23894.03	23897.85	23901.74	23905.02	23907.65
23.5	23447.58	23456.44	23464.20	23470.96	23476.80	23481.83	23486.13	23490.45	23494.13	23497.14
24.0	23011.97	23021.71	23030.25	23037.71	23044.19	23049.80	23054.64	23059.51	23063.72	23067.27
24.5	22555.84	22566.66	22576.24	22584.68	22592.13	22598.67	22604.45	22610.51	22615.88	22620.50
25.0	22079.39	22091.55	22102.46	22112.20	22120.89	22128.64	22135.56	22142.72	22149.09	22154.61
25.5	21581.48	21595.64	21608.60	21620.37	21630.99	21640.47	21648.84	21656.05	21662.21	21667.34
26.0	21065.52	21081.51	21096.31	21109.88	21122.18	21133.18	21142.82	21150.21	21156.32	21161.26
26.5	20535.35	20551.97	20567.20	20581.08	20593.66	20604.95	20615.01	20623.98	20631.77	20638.41
27.0	19988.65	20005.71	20021.13	20035.06	20047.64	20058.99	20069.27	20079.96	20089.61	20098.15
27.5	19423.81	19441.96	19458.30	19473.00	19486.23	19498.15	19508.95	19520.45	19530.89	19540.16
28.0	18842.65	18861.95	18879.33	18894.96	18909.01	18921.67	18933.10	18945.12	18956.00	18965.64
28.5	18245.09	18265.08	18283.19	18299.56	18314.37	18327.76	18339.91	18352.45	18363.81	18373.90
29.0	17635.33	17656.11	17675.08	17692.35	17708.06	17722.33	17735.29	17748.26	17759.97	17770.36
29.5	17017.71	17040.05	17060.56	17079.33	17096.44	17111.96	17126.00	17139.28	17151.12	17161.49
30.0	16391.82	16415.63	16437.60	16457.75	16476.13	16492.79	16507.77	16521.28	16533.17	16543.45
30.5	15757.42	15781.87	15804.42	15825.12	15844.00	15861.08	15876.41	15890.03	15901.96	15912.24
31.0	15118.26	15143.00	15165.81	15186.73	15205.79	15223.04	15238.52	15252.29	15264.37	15274.79
31.5	14477.27	14502.32	14525.39	14546.54	14565.82	14583.29	14599.00	14613.10	14625.54	14636.36
32.0	13836.68	13861.78	13884.87	13906.03	13925.34	13942.89	13958.75	13973.39	13986.45	13997.96
32.5	13199.03	13223.60	13246.13	13266.76	13285.64	13302.91	13318.72	13334.47	13348.84	13361.74
33.0	12566.34	12590.37	12612.36	12632.50	12650.98	12667.98	12683.70	12700.28	12715.63	12729.58
33.5	11940.64	11964.75	11986.89	12007.21	12025.86	12042.99	12058.76	12074.79	12089.52	12102.85
34.0	11324.42	11348.72	11371.16	11391.82	11410.80	11428.19	11444.07	11459.21	11472.92	11485.18
34.5	10720.21	10744.49	10767.10	10788.05	10807.39	10825.13	10841.30	10855.93	10869.07	10880.74
35.0	10130.02	10154.03	10176.53	10197.48	10216.89	10234.73	10251.01	10265.31	10278.08	10289.39
35.5	9556.65	9579.87	9601.54	9621.67	9640.29	9657.42	9673.08	9687.26	9700.02	9711.39
36.0	9000.29	9022.53	9043.18	9062.32	9080.00	9096.28	9111.23	9125.38	9138.24	9149.80
36.5	8461.55	8482.89	8502.80	8521.35	8538.58	8554.56	8569.32	8583.46	8596.41	8608.16
37.0	7941.99	7962.45	7981.67	7999.68	8016.53	8032.24	8046.85	8060.77	8073.60	8085.30

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**CANDELA TABULATION - (Cont.)**

37.5	7442.87	7462.58	7481.17	7498.64	7515.02	7530.29	7544.47	7557.60	7569.64	7580.61
38.0	6965.73	6984.51	7002.24	7018.91	7034.52	7049.05	7062.52	7074.71	7085.87	7096.01
38.5	6513.19	6530.45	6546.58	6561.63	6575.67	6588.73	6600.86	6612.38	6623.04	6632.84
39.0	6083.21	6098.86	6113.33	6126.72	6139.14	6150.69	6161.48	6172.42	6182.68	6192.23
39.5	5673.98	5688.43	5701.77	5714.13	5725.61	5736.32	5746.39	5756.85	5766.73	5775.97
40.0	5287.35	5300.81	5313.29	5324.88	5335.69	5345.81	5355.33	5365.27	5374.67	5383.46
40.5	4925.07	4937.87	4949.77	4960.82	4971.11	4980.71	4989.69	4998.84	5007.39	5015.31
41.0	4585.64	4597.77	4609.05	4619.52	4629.24	4638.27	4646.65	4654.94	4662.61	4669.64
41.5	4267.50	4278.45	4288.57	4297.93	4306.60	4314.65	4322.17	4329.66	4336.69	4343.24
42.0	3972.62	3982.45	3991.47	3999.78	4007.45	4014.59	4021.28	4028.07	4034.52	4040.63
42.5	3706.23	3715.57	3724.18	3732.12	3739.44	3746.21	3752.46	3758.85	3764.75	3770.10
43.0	3456.92	3465.89	3474.22	3481.92	3489.01	3495.50	3501.40	3507.31	3512.57	3517.07
43.5	3210.75	3219.11	3226.87	3234.04	3240.60	3246.56	3251.92	3256.79	3261.03	3264.63
44.0	2980.50	2988.18	2995.30	3001.86	3007.84	3013.23	3018.04	3021.90	3025.21	3028.04
44.5	2776.98	2783.93	2790.40	2796.38	2801.84	2806.79	2811.20	2814.66	2817.63	2820.15
45.0	2592.24	2598.46	2604.25	2609.61	2614.53	2618.99	2622.98	2626.21	2628.99	2631.35
45.5	2422.24	2427.74	2432.79	2437.42	2441.61	2445.38	2448.73	2451.61	2454.09	2456.19
46.0	2266.10	2270.98	2275.37	2279.31	2282.82	2285.92	2288.64	2291.14	2293.28	2295.08
46.5	2121.92	2126.37	2130.34	2133.85	2136.94	2139.62	2141.92	2143.99	2145.71	2147.12
47.0	1988.79	1992.91	1996.56	1999.75	2002.52	2004.89	2006.87	2008.53	2009.86	2010.86
47.5	1864.77	1868.62	1872.01	1874.98	1877.53	1879.69	1881.45	1882.78	1883.76	1884.43
48.0	1751.08	1754.56	1757.61	1760.26	1762.51	1764.39	1765.89	1767.02	1767.82	1768.30
48.5	1650.09	1652.71	1654.87	1656.61	1658.01	1659.13	1660.03	1661.37	1662.51	1663.40
49.0	1556.28	1558.34	1559.92	1561.09	1561.94	1562.56	1563.03	1564.39	1565.60	1566.60
49.5	1463.04	1466.02	1468.64	1470.86	1472.69	1474.12	1475.13	1475.34	1475.18	1474.70
50.0	1375.89	1379.75	1383.35	1386.58	1389.34	1391.53	1393.05	1392.20	1390.76	1388.88
50.5	1299.46	1302.57	1305.36	1307.79	1309.79	1311.32	1312.32	1311.75	1310.71	1309.32
51.0	1229.87	1231.94	1233.63	1234.94	1235.91	1236.54	1236.85	1236.82	1236.51	1235.94
51.5	1164.65	1166.42	1167.80	1168.84	1169.54	1169.94	1170.06	1170.01	1169.71	1169.18
52.0	1104.13	1105.77	1107.06	1108.01	1108.64	1108.98	1109.03	1108.83	1108.38	1107.71
52.5	1047.88	1049.36	1050.49	1051.28	1051.77	1051.97	1051.90	1051.62	1051.10	1050.37
53.0	995.64	996.97	997.96	998.63	999.00	999.08	998.91	998.54	997.94	997.13
53.5	947.09	948.32	949.21	949.80	950.08	950.09	949.84	949.32	948.59	947.65
54.0	901.89	903.01	903.81	904.32	904.54	904.48	904.17	903.54	902.69	901.66
54.5	859.57	860.55	861.23	861.63	861.77	861.65	861.30	860.69	859.88	858.89
55.0	820.08	820.92	821.48	821.77	821.82	821.65	821.26	820.69	819.94	819.02
55.5	783.31	784.03	784.48	784.69	784.66	784.42	783.98	783.36	782.57	781.63
56.0	748.97	749.60	749.97	750.10	750.00	749.70	749.20	748.52	747.68	746.70
56.5	716.80	717.34	717.64	717.71	717.57	717.24	716.72	716.01	715.16	714.17
57.0	686.70	687.16	687.40	687.43	687.27	686.91	686.38	685.66	684.79	683.79
57.5	658.55	658.96	659.17	659.17	658.99	658.62	658.08	657.30	656.39	655.35
58.0	632.12	632.49	632.66	632.64	632.44	632.06	631.51	630.70	629.75	628.69
58.5	607.16	607.47	607.58	607.52	607.29	606.89	606.33	605.55	604.63	603.61
59.0	583.62	583.86	583.93	583.83	583.57	583.16	582.60	581.84	580.97	579.98
59.5	561.31	561.54	561.60	561.51	561.26	560.87	560.32	559.53	558.62	557.60
60.0	540.27	540.49	540.56	540.47	540.24	539.86	539.33	538.50	537.55	536.50
60.5	520.54	520.72	520.75	520.65	520.40	520.01	519.48	518.66	517.73	516.69
61.0	501.92	502.05	502.04	501.90	501.64	501.24	500.70	499.90	498.99	497.98
61.5	484.23	484.31	484.26	484.10	483.81	483.39	482.85	482.04	481.14	480.15
62.0	467.43	467.47	467.40	467.21	466.90	466.47	465.93	465.13	464.24	463.27
62.5	451.44	451.46	451.39	451.20	450.91	450.50	449.99	449.21	448.34	447.41
63.0	436.23	436.24	436.15	435.97	435.69	435.30	434.81	434.07	433.24	432.35
63.5	421.79	421.75	421.63	421.41	421.11	420.71	420.23	419.53	418.75	417.92
64.0	407.99	407.91	407.74	407.48	407.15	406.73	406.23	405.57	404.85	404.07
64.5	394.74	394.60	394.39	394.10	393.73	393.29	392.78	392.13	391.43	390.68
65.0	382.00	381.83	381.58	381.26	380.86	380.40	379.88	379.24	378.55	377.83

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**CANDELA TABULATION - (Cont.)**

65.5	369.78	369.58	369.31	368.97	368.56	368.10	367.58	366.97	366.32	365.64
66.0	357.97	357.75	357.46	357.11	356.70	356.23	355.72	355.15	354.54	353.91
66.5	346.54	346.29	345.97	345.59	345.16	344.68	344.17	343.64	343.09	342.52
67.0	335.33	335.06	334.72	334.33	333.89	333.42	332.91	332.43	331.92	331.40
67.5	324.11	323.86	323.55	323.20	322.80	322.37	321.90	321.42	320.92	320.40
68.0	313.08	312.86	312.60	312.29	311.93	311.54	311.12	310.64	310.13	309.60
68.5	302.42	302.20	301.94	301.64	301.29	300.91	300.50	300.03	299.53	299.01
69.0	292.01	291.79	291.52	291.22	290.88	290.50	290.09	289.63	289.14	288.64
69.5	281.76	281.55	281.30	281.01	280.68	280.32	279.93	279.47	278.99	278.49
70.0	271.70	271.51	271.28	271.01	270.71	270.37	270.00	269.54	269.06	268.57
70.5	261.85	261.67	261.47	261.22	260.95	260.64	260.29	259.85	259.38	258.89
71.0	252.17	252.02	251.84	251.62	251.38	251.09	250.77	250.34	249.88	249.39
71.5	242.64	242.51	242.35	242.17	241.96	241.71	241.42	240.98	240.51	240.02
72.0	233.28	233.16	233.03	232.88	232.69	232.47	232.20	231.76	231.29	230.79
72.5	224.17	224.06	223.93	223.78	223.59	223.37	223.11	222.68	222.22	221.74
73.0	215.15	215.04	214.91	214.76	214.57	214.35	214.09	213.68	213.23	212.77
73.5	206.08	205.97	205.85	205.70	205.52	205.30	205.04	204.64	204.20	203.74
74.0	197.02	196.93	196.81	196.67	196.50	196.29	196.04	195.64	195.20	194.75
74.5	188.02	187.93	187.83	187.70	187.54	187.35	187.11	186.73	186.32	185.89
75.0	179.05	178.97	178.88	178.76	178.61	178.43	178.22	177.86	177.48	177.07
75.5	170.13	170.06	169.97	169.86	169.72	169.55	169.34	169.00	168.62	168.22
76.0	161.21	161.14	161.05	160.93	160.80	160.62	160.42	160.08	159.71	159.32
76.5	152.21	152.12	152.00	151.87	151.70	151.51	151.30	150.98	150.64	150.29
77.0	143.20	143.08	142.94	142.78	142.59	142.38	142.15	141.87	141.56	141.25
77.5	134.31	134.20	134.05	133.88	133.68	133.47	133.23	132.96	132.67	132.38
78.0	125.24	125.12	124.98	124.81	124.61	124.40	124.17	123.92	123.66	123.40
78.5	115.59	115.47	115.33	115.17	114.99	114.79	114.60	114.42	114.25	114.09
79.0	105.71	105.59	105.45	105.29	105.12	104.95	104.79	104.69	104.60	104.52
79.5	95.95	95.82	95.66	95.49	95.31	95.13	94.96	94.88	94.81	94.75
80.0	85.99	85.82	85.64	85.44	85.24	85.05	84.86	84.78	84.72	84.66
80.5	75.47	75.27	75.04	74.80	74.55	74.32	74.11	74.04	74.00	73.98
81.0	64.77	64.54	64.29	64.02	63.75	63.50	63.27	63.22	63.20	63.21
81.5	53.99	53.80	53.60	53.38	53.17	52.96	52.78	52.74	52.72	52.71
82.0	43.55	43.42	43.29	43.14	43.00	42.86	42.73	42.68	42.65	42.63
82.5	33.83	33.74	33.65	33.54	33.43	33.33	33.22	33.17	33.12	33.08
83.0	25.05	25.00	24.94	24.86	24.78	24.70	24.61	24.55	24.49	24.42
83.5	17.49	17.46	17.43	17.38	17.33	17.27	17.20	17.12	17.04	16.94
84.0	11.38	11.37	11.35	11.33	11.30	11.26	11.21	11.12	11.01	10.90
84.5	7.21	7.21	7.19	7.18	7.15	7.12	7.08	7.00	6.92	6.82
85.0	4.50	4.49	4.48	4.46	4.44	4.42	4.39	4.33	4.27	4.21
85.5	3.05	3.05	3.05	3.04	3.03	3.02	3.01	2.98	2.95	2.91
86.0	2.42	2.43	2.43	2.44	2.44	2.44	2.44	2.43	2.42	2.41
86.5	2.15	2.15	2.15	2.14	2.14	2.14	2.14	2.14	2.14	2.14
87.0	2.12	2.12	2.11	2.10	2.09	2.09	2.08	2.08	2.08	2.09
87.5	2.08	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.05	2.05
88.0	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07
88.5	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
89.0	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.13
89.5	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
90.0	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20

**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>
<b>0.0</b>	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04	29892.04
<b>0.5</b>	29890.39	29890.26	29890.16	29890.24	29890.35	29890.48	29890.62	29890.76	29890.88	29890.91

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**CANDELA TABULATION - (Cont.)**

1.0	29886.20	29885.99	29885.83	29885.98	29886.18	29886.41	29886.66	29886.90	29887.12	29887.17
1.5	29879.54	29879.33	29879.18	29879.39	29879.66	29879.96	29880.28	29880.59	29880.87	29880.91
2.0	29870.14	29869.97	29869.85	29870.11	29870.42	29870.76	29871.11	29871.46	29871.76	29871.82
2.5	29857.73	29857.61	29857.53	29857.77	29858.07	29858.40	29858.74	29859.08	29859.40	29859.54
3.0	29842.40	29842.33	29842.30	29842.52	29842.78	29843.08	29843.40	29843.73	29844.06	29844.29
3.5	29824.10	29824.07	29824.09	29824.28	29824.51	29824.79	29825.10	29825.43	29825.79	29826.16
4.0	29803.01	29802.99	29803.02	29803.21	29803.46	29803.74	29804.07	29804.43	29804.81	29805.25
4.5	29779.56	29779.45	29779.40	29779.68	29780.03	29780.43	29780.85	29781.28	29781.69	29781.91
5.0	29752.91	29752.73	29752.64	29753.04	29753.51	29754.04	29754.56	29755.07	29755.52	29755.51
5.5	29722.39	29722.34	29722.37	29722.87	29723.44	29724.06	29724.67	29725.26	29725.76	29725.78
6.0	29688.00	29688.08	29688.24	29688.80	29689.42	29690.07	29690.73	29691.36	29691.92	29692.02
6.5	29649.61	29649.66	29649.80	29650.28	29650.82	29651.41	29652.00	29652.58	29653.12	29653.31
7.0	29607.00	29606.97	29607.03	29607.39	29607.84	29608.33	29608.86	29609.39	29609.91	29610.17
7.5	29559.88	29559.74	29559.70	29560.03	29560.45	29560.95	29561.49	29562.06	29562.62	29562.94
8.0	29508.37	29508.08	29507.92	29508.22	29508.64	29509.16	29509.74	29510.35	29510.95	29511.29
8.5	29452.82	29452.31	29451.96	29452.24	29452.67	29453.20	29453.81	29454.44	29455.05	29455.24
9.0	29392.32	29391.58	29391.03	29391.24	29391.64	29392.16	29392.75	29393.37	29393.96	29394.00
9.5	29326.04	29325.10	29324.36	29324.41	29324.65	29325.04	29325.53	29326.06	29326.60	29326.67
10.0	29254.03	29252.94	29252.05	29251.92	29252.00	29252.25	29252.61	29253.04	29253.52	29253.63
10.5	29176.24	29175.06	29174.09	29173.90	29173.92	29174.10	29174.40	29174.78	29175.19	29175.19
11.0	29092.20	29091.01	29090.02	29089.77	29089.73	29089.84	29090.07	29090.37	29090.71	29090.62
11.5	29001.54	29000.46	28999.58	28999.21	28999.01	28998.97	28999.04	28999.21	28999.44	28999.46
12.0	28903.96	28902.98	28902.16	28901.64	28901.28	28901.05	28900.95	28900.96	28901.06	28901.21
12.5	28799.26	28798.18	28797.24	28796.57	28796.03	28795.64	28795.38	28795.24	28795.21	28795.31
13.0	28686.77	28685.50	28684.38	28683.54	28682.85	28682.29	28681.88	28681.58	28681.42	28681.43
13.5	28566.01	28564.52	28563.16	28562.15	28561.29	28560.58	28560.00	28559.57	28559.27	28559.20
14.0	28436.09	28434.45	28432.93	28431.81	28430.84	28430.01	28429.32	28428.76	28428.33	28428.09
14.5	28295.97	28294.45	28293.03	28292.01	28291.11	28290.31	28289.59	28288.95	28288.37	28287.67
15.0	28145.61	28144.23	28142.95	28142.03	28141.20	28140.43	28139.71	28138.99	28138.28	28137.20
15.5	27984.86	27983.38	27981.98	27980.96	27980.03	27979.17	27978.37	27977.60	27976.84	27975.87
16.0	27813.07	27811.45	27809.92	27808.77	27807.71	27806.75	27805.85	27805.00	27804.20	27803.37
16.5	27629.80	27628.18	27626.63	27625.51	27624.47	27623.48	27622.53	27621.58	27620.62	27619.45
17.0	27434.29	27432.68	27431.10	27429.99	27428.91	27427.86	27426.79	27425.68	27424.52	27423.00
17.5	27225.72	27224.00	27222.26	27220.82	27219.40	27218.00	27216.60	27215.20	27213.80	27212.38
18.0	27003.82	27002.07	27000.26	26998.58	26996.90	26995.21	26993.54	26991.89	26990.27	26988.92
18.5	26768.55	26767.11	26765.57	26764.25	26762.87	26761.42	26759.90	26758.30	26756.60	26754.69
19.0	26518.30	26517.27	26516.11	26515.17	26514.11	26512.90	26511.52	26509.94	26508.14	26505.68
19.5	26251.30	26250.74	26249.95	26248.82	26247.46	26245.88	26244.10	26242.11	26239.93	26237.47
20.0	25967.99	25967.71	25967.13	25965.84	25964.26	25962.42	25960.36	25958.09	25955.67	25953.29
20.5	25668.43	25667.67	25666.71	25665.97	25665.05	25663.92	25662.54	25660.89	25658.95	25656.34
21.0	25352.00	25350.90	25349.68	25349.45	25349.12	25348.60	25347.82	25346.70	25345.15	25342.35
21.5	25018.13	25017.90	25017.36	25016.89	25016.13	25015.07	25013.68	25011.96	25009.87	25007.26
22.0	24666.63	24667.44	24667.70	24666.85	24665.48	24663.67	24661.46	24658.92	24656.11	24653.69
22.5	24297.76	24298.86	24299.29	24298.28	24296.66	24294.51	24291.91	24288.97	24285.75	24283.17
23.0	23909.62	23910.89	23911.43	23910.57	23909.03	23906.90	23904.27	23901.22	23897.83	23894.92
23.5	23499.50	23501.18	23502.16	23502.17	23501.50	23500.19	23498.27	23495.78	23492.75	23489.28
24.0	23070.14	23072.35	23073.87	23074.73	23074.90	23074.35	23073.10	23071.12	23068.40	23064.47
24.5	22624.35	22627.37	22629.53	22630.29	22630.19	22629.27	22627.55	22625.08	22621.91	22618.10
25.0	22159.23	22162.87	22165.47	22166.16	22165.82	22164.56	22162.46	22159.59	22156.04	22152.35
25.5	21671.49	21674.68	21676.95	21678.54	21679.24	21679.06	21678.00	21676.05	21673.21	21669.02
26.0	21165.16	21168.10	21170.21	21172.67	21174.34	21175.14	21175.01	21173.87	21171.66	21166.99
26.5	20643.91	20648.29	20651.59	20653.90	20655.15	20655.33	20654.47	20652.57	20649.64	20645.04
27.0	20105.48	20111.50	20116.13	20118.09	20118.68	20118.00	20116.18	20113.31	20109.52	20105.27
27.5	19548.14	19554.74	19559.83	19561.80	19562.31	19561.50	19559.54	19556.57	19552.73	19549.19
28.0	18973.95	18980.81	18986.14	18988.32	18989.03	18988.42	18986.64	18983.87	18980.26	18977.26
28.5	18382.63	18389.91	18395.65	18398.43	18399.70	18399.61	18398.29	18395.88	18392.52	18389.13

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**CANDELA TABULATION - (Cont.)**

29.0	17779.36	17786.90	17792.89	17796.26	17798.12	17798.58	17797.75	17795.73	17792.63	17788.72
29.5	17170.37	17177.73	17183.54	17187.07	17189.12	17189.77	17189.12	17187.24	17184.25	17180.31
30.0	16552.14	16559.25	16564.80	16568.40	16570.53	16571.29	16570.76	16569.03	16566.19	16562.52
30.5	15920.91	15927.99	15933.51	15937.14	15939.36	15940.26	15939.95	15938.53	15936.10	15933.26
31.0	15283.62	15290.86	15296.58	15300.42	15302.88	15304.06	15304.08	15303.05	15301.08	15298.90
31.5	14645.61	14653.33	14659.57	14664.23	14667.51	14669.49	14670.22	14669.77	14668.21	14665.56
32.0	14007.93	14016.40	14023.37	14028.78	14032.77	14035.36	14036.60	14036.53	14035.17	14031.91
32.5	13373.12	13382.89	13390.98	13396.31	13399.99	13402.14	13402.85	13402.22	13400.37	13397.07
33.0	12742.01	12752.76	12761.68	12766.78	12770.07	12771.74	12771.95	12770.88	12768.70	12765.77
33.5	12114.67	12124.90	12133.44	12138.69	12142.31	12144.46	12145.28	12144.95	12143.63	12141.74
34.0	11495.99	11505.32	11513.16	11518.66	11522.77	11525.62	11527.33	11528.02	11527.82	11527.11
34.5	10890.98	10899.82	10907.29	10913.06	10917.59	10921.00	10923.38	10924.84	10925.48	10925.57
35.0	10299.31	10307.88	10315.17	10321.06	10325.82	10329.55	10332.34	10334.28	10335.47	10336.15
35.5	9721.40	9730.08	9737.45	9742.99	9747.38	9750.75	9753.22	9754.93	9756.00	9756.93
36.0	9160.06	9168.99	9176.58	9181.80	9185.84	9188.84	9190.97	9192.40	9193.28	9194.35
36.5	8618.67	8627.90	8635.84	8641.36	8645.71	8649.03	8651.49	8653.23	8654.43	8655.71
37.0	8095.85	8105.20	8113.34	8119.27	8124.09	8127.93	8130.92	8133.19	8134.88	8136.41
37.5	7590.50	7599.33	7607.08	7613.20	7618.36	7622.66	7626.20	7629.08	7631.40	7633.30
38.0	7105.17	7113.39	7120.69	7126.87	7132.23	7136.86	7140.83	7144.22	7147.09	7149.36
38.5	6641.79	6649.90	6657.17	6663.24	6668.55	6673.19	6677.22	6680.72	6683.76	6686.38
39.0	6201.05	6209.12	6216.39	6222.20	6227.28	6231.71	6235.58	6238.97	6241.97	6244.84
39.5	5784.54	5792.39	5799.47	5804.87	5809.56	5813.63	5817.18	5820.32	5823.13	5826.09
40.0	5391.60	5399.02	5405.68	5410.51	5414.63	5418.17	5421.24	5423.96	5426.45	5429.41
40.5	5022.54	5029.04	5034.76	5038.49	5041.54	5044.07	5046.23	5048.17	5050.05	5053.11
41.0	4675.98	4681.61	4686.50	4689.53	4691.95	4693.91	4695.56	4697.06	4698.58	4701.44
41.5	4349.32	4354.94	4360.07	4364.62	4368.72	4372.36	4375.59	4378.40	4380.82	4382.23
42.0	4046.41	4051.89	4057.06	4062.39	4067.37	4071.92	4075.99	4079.50	4082.39	4082.94
42.5	3774.87	3779.01	3782.47	3783.86	3784.71	3785.21	3785.56	3785.95	3786.56	3789.57
43.0	3520.74	3523.47	3525.19	3522.82	3519.77	3516.46	3513.30	3510.73	3509.17	3514.37
43.5	3267.55	3269.77	3271.28	3270.42	3269.08	3267.52	3265.99	3264.76	3264.08	3267.40
44.0	3030.43	3032.44	3034.12	3035.67	3036.98	3038.08	3039.01	3039.79	3040.47	3041.22
44.5	2822.28	2824.08	2825.59	2827.19	2828.56	2829.71	2830.64	2831.36	2831.86	2831.93
45.0	2633.32	2634.94	2636.23	2637.28	2638.06	2638.60	2638.93	2639.06	2639.03	2638.94
45.5	2457.92	2459.31	2460.37	2460.98	2461.32	2461.42	2461.31	2461.05	2460.66	2460.47
46.0	2296.54	2297.67	2298.46	2298.67	2298.60	2298.31	2297.83	2297.22	2296.52	2296.24
46.5	2148.20	2148.98	2149.46	2149.55	2149.37	2148.97	2148.39	2147.63	2146.75	2146.02
47.0	2011.57	2012.01	2012.18	2012.17	2011.93	2011.47	2010.81	2009.96	2008.93	2007.77
47.5	1884.80	1884.91	1884.77	1884.54	1884.11	1883.48	1882.66	1881.66	1880.49	1879.23
48.0	1768.50	1768.42	1768.09	1767.52	1766.74	1765.77	1764.64	1763.36	1761.95	1760.74
48.5	1664.00	1664.26	1664.14	1662.83	1661.18	1659.28	1657.23	1655.11	1653.02	1652.15
49.0	1567.32	1567.67	1567.57	1565.80	1563.64	1561.20	1558.61	1556.00	1553.49	1552.69
49.5	1473.94	1472.97	1471.83	1470.96	1469.96	1468.83	1467.54	1466.10	1464.48	1462.55
50.0	1386.76	1384.56	1382.45	1382.47	1382.61	1382.75	1382.73	1382.42	1381.68	1378.70
50.5	1307.68	1305.91	1304.13	1303.60	1303.08	1302.51	1301.79	1300.83	1299.57	1296.98
51.0	1235.13	1234.11	1232.89	1231.59	1230.13	1228.52	1226.77	1224.89	1222.89	1220.94
51.5	1168.42	1167.46	1166.29	1164.90	1163.34	1161.63	1159.77	1157.79	1155.70	1153.76
52.0	1106.83	1105.76	1104.52	1103.19	1101.72	1100.10	1098.35	1096.45	1094.43	1092.38
52.5	1049.44	1048.32	1047.03	1045.63	1044.08	1042.39	1040.57	1038.64	1036.59	1034.58
53.0	996.13	994.95	993.61	992.15	990.54	988.82	986.98	985.03	983.00	981.03
53.5	946.54	945.27	943.88	942.49	941.01	939.41	937.70	935.88	933.96	931.96
54.0	900.47	899.14	897.71	896.42	895.04	893.57	891.99	890.30	888.49	886.45
54.5	857.75	856.47	855.08	853.73	852.28	850.74	849.11	847.37	845.54	843.60
55.0	817.95	816.74	815.40	813.99	812.47	810.87	809.17	807.39	805.54	803.71
55.5	780.55	779.34	778.03	776.70	775.29	773.78	772.20	770.53	768.78	767.00
56.0	745.60	744.39	743.10	741.87	740.57	739.20	737.75	736.22	734.60	732.84
56.5	713.07	711.87	710.60	709.41	708.15	706.82	705.43	703.95	702.39	700.69

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**CANDELA TABULATION - (Cont.)**

57.0	682.69	681.50	680.23	679.06	677.82	676.53	675.16	673.73	672.23	670.59
57.5	654.21	652.99	651.72	650.56	649.37	648.12	646.83	645.47	644.05	642.51
58.0	627.52	626.29	625.01	623.88	622.71	621.51	620.27	618.99	617.65	616.22
58.5	602.49	601.31	600.08	598.95	597.79	596.60	595.37	594.12	592.82	591.50
59.0	578.92	577.78	576.60	575.47	574.32	573.14	571.93	570.70	569.45	568.24
59.5	556.51	555.35	554.15	553.05	551.93	550.79	549.65	548.49	547.33	546.24
60.0	535.37	534.19	532.98	531.90	530.82	529.74	528.67	527.60	526.53	525.55
60.5	515.59	514.44	513.26	512.22	511.19	510.16	509.13	508.11	507.11	506.20
61.0	496.92	495.81	494.69	493.69	492.70	491.72	490.75	489.78	488.84	487.99
61.5	479.11	478.03	476.94	476.00	475.07	474.16	473.25	472.36	471.49	470.71
62.0	462.25	461.20	460.15	459.27	458.40	457.54	456.71	455.89	455.08	454.36
62.5	446.42	445.41	444.41	443.56	442.73	441.93	441.14	440.37	439.62	438.94
63.0	431.41	430.45	429.49	428.68	427.89	427.12	426.37	425.63	424.92	424.28
63.5	417.04	416.15	415.25	414.46	413.69	412.94	412.21	411.50	410.80	410.20
64.0	403.26	402.43	401.59	400.84	400.10	399.37	398.66	397.97	397.30	396.73
64.5	389.91	389.12	388.34	387.64	386.96	386.29	385.64	385.01	384.39	383.86
65.0	377.10	376.35	375.61	374.97	374.35	373.74	373.16	372.59	372.03	371.52
65.5	364.95	364.25	363.55	362.95	362.37	361.80	361.24	360.70	360.17	359.68
66.0	353.27	352.62	351.97	351.39	350.83	350.27	349.73	349.21	348.69	348.22
66.5	341.94	341.35	340.76	340.19	339.62	339.06	338.52	337.98	337.47	337.03
67.0	330.87	330.33	329.78	329.21	328.64	328.08	327.52	326.98	326.47	326.05
67.5	319.87	319.33	318.78	318.23	317.67	317.13	316.59	316.08	315.58	315.18
68.0	309.06	308.50	307.95	307.42	306.89	306.38	305.88	305.39	304.93	304.53
68.5	298.48	297.94	297.41	296.92	296.43	295.96	295.49	295.05	294.61	294.21
69.0	288.12	287.61	287.10	286.64	286.20	285.76	285.34	284.93	284.52	284.14
69.5	277.98	277.48	276.98	276.55	276.13	275.73	275.34	274.96	274.59	274.22
70.0	268.06	267.56	267.07	266.66	266.26	265.88	265.52	265.16	264.82	264.47
70.5	258.39	257.89	257.41	257.00	256.62	256.25	255.89	255.55	255.21	254.87
71.0	248.90	248.41	247.92	247.52	247.15	246.79	246.44	246.10	245.78	245.44
71.5	239.52	239.02	238.53	238.15	237.80	237.47	237.15	236.84	236.55	236.22
72.0	230.28	229.78	229.29	228.94	228.61	228.31	228.02	227.74	227.47	227.15
72.5	221.25	220.76	220.28	219.94	219.62	219.33	219.05	218.78	218.52	218.22
73.0	212.29	211.82	211.37	211.03	210.72	210.44	210.16	209.91	209.66	209.38
73.5	203.27	202.81	202.37	202.06	201.79	201.53	201.29	201.06	200.84	200.55
74.0	194.29	193.84	193.41	193.13	192.88	192.66	192.44	192.24	192.04	191.76
74.5	185.46	185.03	184.61	184.33	184.08	183.84	183.63	183.42	183.23	182.99
75.0	176.65	176.24	175.85	175.56	175.29	175.05	174.82	174.62	174.42	174.23
75.5	167.81	167.41	167.02	166.73	166.47	166.23	166.02	165.82	165.63	165.44
76.0	158.92	158.53	158.15	157.88	157.63	157.41	157.20	157.01	156.83	156.64
76.5	149.94	149.58	149.24	148.99	148.76	148.54	148.34	148.16	147.99	147.81
77.0	140.94	140.63	140.33	140.10	139.88	139.68	139.49	139.32	139.15	138.99
77.5	132.08	131.80	131.52	131.30	131.09	130.90	130.72	130.55	130.39	130.23
78.0	123.14	122.88	122.64	122.44	122.25	122.08	121.92	121.76	121.62	121.46
78.5	113.92	113.76	113.61	113.47	113.34	113.22	113.10	112.99	112.89	112.78
79.0	104.45	104.38	104.32	104.23	104.15	104.07	103.99	103.91	103.84	103.77
79.5	94.70	94.65	94.60	94.51	94.41	94.31	94.21	94.12	94.02	93.93
80.0	84.62	84.57	84.51	84.40	84.28	84.16	84.03	83.90	83.78	83.67
80.5	73.97	73.96	73.94	73.83	73.72	73.59	73.46	73.33	73.21	73.11
81.0	63.22	63.24	63.26	63.17	63.07	62.97	62.86	62.74	62.63	62.55
81.5	52.72	52.74	52.76	52.72	52.67	52.62	52.57	52.51	52.44	52.38
82.0	42.62	42.61	42.62	42.61	42.60	42.60	42.59	42.57	42.55	42.50
82.5	33.05	33.02	32.99	32.95	32.90	32.86	32.82	32.77	32.73	32.68
83.0	24.36	24.30	24.23	24.14	24.05	23.96	23.87	23.79	23.70	23.64
83.5	16.85	16.75	16.65	16.55	16.46	16.36	16.26	16.16	16.07	15.97
84.0	10.79	10.67	10.55	10.46	10.37	10.28	10.19	10.09	9.99	9.86
84.5	6.72	6.62	6.52	6.44	6.36	6.29	6.21	6.13	6.04	5.91

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**CANDELA TABULATION - (Cont.)**

85.0	4.14	4.06	3.99	3.94	3.88	3.82	3.76	3.70	3.63	3.54
85.5	2.87	2.83	2.79	2.76	2.74	2.71	2.68	2.64	2.61	2.56
86.0	2.40	2.39	2.38	2.37	2.36	2.36	2.35	2.35	2.34	2.33
86.5	2.14	2.14	2.13	2.13	2.12	2.11	2.11	2.10	2.09	2.09
87.0	2.09	2.09	2.09	2.08	2.07	2.05	2.04	2.03	2.01	2.01
87.5	2.06	2.06	2.06	2.05	2.04	2.03	2.02	2.01	2.00	2.00
88.0	2.07	2.07	2.07	2.07	2.06	2.06	2.05	2.05	2.04	2.04
88.5	2.10	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.08	2.08
89.0	2.13	2.13	2.13	2.12	2.12	2.12	2.12	2.12	2.12	2.12
89.5	2.17	2.16	2.16	2.16	2.16	2.16	2.15	2.15	2.15	2.15
90.0	2.20	2.20	2.20	2.20	2.19	2.19	2.18	2.18	2.17	2.17

**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	29892.04	29892.04	29892.04	29892.04	29892.04
0.5	29890.92	29890.90	29890.87	29890.82	29890.76
1.0	29887.18	29887.16	29887.10	29887.02	29886.92
1.5	29880.91	29880.87	29880.79	29880.69	29880.57
2.0	29871.83	29871.80	29871.74	29871.66	29871.56
2.5	29859.63	29859.70	29859.74	29859.76	29859.77
3.0	29844.50	29844.70	29844.87	29845.03	29845.17
3.5	29826.54	29826.90	29827.24	29827.55	29827.82
4.0	29805.70	29806.14	29806.55	29806.93	29807.25
4.5	29782.11	29782.28	29782.44	29782.59	29782.74
5.0	29755.44	29755.33	29755.21	29755.11	29755.06
5.5	29725.71	29725.59	29725.46	29725.33	29725.25
6.0	29692.05	29692.03	29691.98	29691.92	29691.89
6.5	29653.44	29653.54	29653.62	29653.70	29653.81
7.0	29610.40	29610.61	29610.83	29611.05	29611.30
7.5	29563.25	29563.54	29563.83	29564.12	29564.43
8.0	29511.61	29511.90	29512.20	29512.49	29512.79
8.5	29455.39	29455.52	29455.65	29455.79	29455.98
9.0	29393.99	29393.97	29393.95	29393.97	29394.07
9.5	29326.72	29326.77	29326.85	29326.98	29327.20
10.0	29253.75	29253.90	29254.09	29254.35	29254.70
10.5	29175.20	29175.25	29175.37	29175.58	29175.91
11.0	29090.54	29090.52	29090.57	29090.72	29091.01
11.5	28999.52	28999.64	28999.83	29000.09	29000.44
12.0	28901.42	28901.69	28902.03	28902.40	28902.82
12.5	28795.51	28795.78	28796.11	28796.48	28796.89
13.0	28681.54	28681.74	28682.00	28682.32	28682.66
13.5	28559.24	28559.38	28559.58	28559.83	28560.11
14.0	28427.95	28427.90	28427.92	28427.99	28428.11
14.5	28287.03	28286.45	28285.95	28285.51	28285.18
15.0	28136.12	28135.07	28134.08	28133.19	28132.43
15.5	27974.91	27973.98	27973.07	27972.21	27971.41
16.0	27802.55	27801.74	27800.93	27800.11	27799.27
16.5	27618.24	27617.01	27615.75	27614.48	27613.19
17.0	27421.40	27419.76	27418.08	27416.37	27414.67
17.5	27210.96	27209.51	27208.04	27206.53	27205.00
18.0	26987.58	26986.25	26984.90	26983.51	26982.04
18.5	26752.70	26750.63	26748.49	26746.31	26744.08
19.0	26503.01	26500.18	26497.25	26494.25	26491.23
19.5	26234.84	26232.09	26229.22	26226.28	26223.28
20.0	25950.79	25948.15	25945.40	25942.53	25939.53



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**CANDELA TABULATION - (Cont.)**

20.5	25653.43	25650.25	25646.82	25643.18	25639.35
21.0	25339.09	25335.43	25331.40	25327.05	25322.44
21.5	25004.28	25000.93	24997.22	24993.16	24988.75
22.0	24651.02	24648.05	24644.75	24641.07	24636.97
22.5	24280.35	24277.25	24273.81	24269.98	24265.70
23.0	23891.72	23888.19	23884.29	23879.98	23875.22
23.5	23485.33	23480.90	23476.03	23470.72	23465.00
24.0	23059.87	23054.66	23048.92	23042.72	23036.13
24.5	22613.65	22608.61	22603.02	22596.90	22590.30
25.0	22148.07	22143.20	22137.76	22131.75	22125.17
25.5	21664.02	21658.30	21651.94	21645.02	21637.62
26.0	21161.32	21154.80	21147.59	21139.83	21131.68
26.5	20639.54	20633.24	20626.27	20618.75	20610.79
27.0	20100.25	20094.54	20088.15	20081.17	20073.63
27.5	19544.92	19539.91	19534.14	19527.58	19520.23
28.0	18973.52	18968.99	18963.59	18957.28	18949.98
28.5	18384.93	18379.91	18374.09	18367.46	18360.02
29.0	17783.92	17778.29	17771.90	17764.85	17757.20
29.5	17175.42	17169.65	17163.08	17155.78	17147.84
30.0	16557.88	16552.32	16545.90	16538.66	16530.68
30.5	15929.52	15924.92	15919.45	15913.15	15906.02
31.0	15295.88	15292.04	15287.37	15281.86	15275.53
31.5	14661.95	14657.44	14652.11	14646.03	14639.29
32.0	14027.57	14022.29	14016.23	14009.55	14002.40
32.5	13392.81	13387.74	13382.04	13375.86	13369.36
33.0	12762.04	12757.67	12752.79	12747.55	12742.08
33.5	12139.13	12135.90	12132.18	12128.07	12123.69
34.0	11525.71	11523.72	11521.21	11518.27	11514.98
34.5	10925.02	10923.89	10922.27	10920.21	10917.80
35.0	10336.23	10335.79	10334.90	10333.62	10332.03
35.5	9757.42	9757.52	9757.31	9756.84	9756.18
36.0	9195.10	9195.60	9195.91	9196.10	9196.23
36.5	8656.66	8657.37	8657.90	8658.34	8658.74
37.0	8137.58	8138.48	8139.19	8139.80	8140.40
37.5	7634.83	7636.12	7637.24	7638.31	7639.43
38.0	7151.30	7153.00	7154.58	7156.14	7157.78
38.5	6688.69	6690.78	6692.74	6694.64	6696.57
39.0	6247.46	6249.89	6252.17	6254.37	6256.53
39.5	5828.87	5831.51	5834.04	5836.51	5838.95
40.0	5432.27	5435.07	5437.81	5440.51	5443.20
40.5	5056.24	5059.38	5062.53	5065.64	5068.67
41.0	4704.42	4707.47	4710.56	4713.62	4716.62
41.5	4383.38	4384.42	4385.46	4386.63	4388.05
42.0	4083.02	4082.85	4082.65	4082.63	4083.03
42.5	3792.84	3796.23	3799.59	3802.78	3805.63
43.0	3520.51	3527.12	3533.70	3539.77	3544.83
43.5	3271.25	3275.35	3279.40	3283.13	3286.24
44.0	3041.90	3042.52	3043.07	3043.57	3044.02
44.5	2831.82	2831.59	2831.27	2830.90	2830.54
45.0	2638.71	2638.37	2637.91	2637.36	2636.73
45.5	2460.19	2459.81	2459.30	2458.67	2457.91
46.0	2295.89	2295.45	2294.89	2294.18	2293.30
46.5	2145.18	2144.22	2143.12	2141.88	2140.47
47.0	2006.45	2004.97	2003.34	2001.56	1999.63
47.5	1877.80	1876.19	1874.42	1872.46	1870.33
48.0	1759.40	1757.90	1756.21	1754.30	1752.15

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

48.5	1651.30	1650.36	1649.24	1647.84	1646.05
49.0	1551.99	1551.25	1550.33	1549.11	1547.45
49.5	1460.45	1458.17	1455.72	1453.12	1450.37
50.0	1375.27	1371.55	1367.67	1363.77	1359.99
50.5	1294.07	1290.91	1287.60	1284.20	1280.79
51.0	1218.86	1216.64	1214.24	1211.67	1208.88
51.5	1151.70	1149.50	1147.14	1144.59	1141.82
52.0	1090.19	1087.85	1085.36	1082.70	1079.86
52.5	1032.46	1030.20	1027.81	1025.27	1022.56
53.0	978.97	976.81	974.52	972.09	969.51
53.5	929.84	927.61	925.26	922.79	920.19
54.0	884.30	882.02	879.62	877.12	874.51
54.5	841.56	839.42	837.17	834.83	832.38
55.0	801.81	799.82	797.75	795.58	793.31
55.5	765.13	763.18	761.15	759.03	756.82
56.0	731.00	729.08	727.06	724.97	722.80
56.5	698.90	697.04	695.10	693.09	691.01
57.0	668.88	667.10	665.26	663.35	661.39
57.5	640.91	639.24	637.51	635.72	633.88
58.0	614.73	613.19	611.59	609.93	608.21
58.5	590.13	588.72	587.26	585.75	584.18
59.0	566.99	565.72	564.41	563.04	561.63
59.5	545.13	544.00	542.83	541.62	540.35
60.0	524.56	523.56	522.52	521.44	520.30
60.5	505.30	504.37	503.42	502.43	501.38
61.0	487.15	486.29	485.40	484.48	483.50
61.5	469.93	469.14	468.32	467.46	466.55
62.0	453.64	452.90	452.14	451.35	450.50
62.5	438.27	437.59	436.88	436.14	435.36
63.0	423.65	423.02	422.37	421.68	420.96
63.5	409.62	409.03	408.42	407.79	407.13
64.0	396.18	395.63	395.07	394.49	393.87
64.5	383.34	382.82	382.29	381.73	381.15
65.0	371.02	370.52	370.01	369.48	368.92
65.5	359.20	358.72	358.22	357.72	357.19
66.0	347.76	347.30	346.83	346.35	345.85
66.5	336.60	336.18	335.75	335.32	334.87
67.0	325.66	325.27	324.89	324.50	324.10
67.5	314.79	314.42	314.05	313.69	313.31
68.0	304.14	303.77	303.41	303.05	302.69
68.5	293.83	293.46	293.10	292.74	292.39
69.0	283.76	283.39	283.03	282.67	282.33
69.5	273.86	273.51	273.16	272.82	272.48
70.0	264.13	263.80	263.47	263.15	262.83
70.5	254.54	254.22	253.91	253.60	253.30
71.0	245.12	244.81	244.50	244.21	243.93
71.5	235.90	235.59	235.29	235.00	234.74
72.0	226.84	226.53	226.24	225.96	225.70
72.5	217.93	217.65	217.38	217.12	216.88
73.0	209.11	208.85	208.60	208.36	208.13
73.5	200.28	200.01	199.75	199.51	199.28
74.0	191.48	191.21	190.95	190.71	190.50
74.5	182.76	182.54	182.33	182.14	181.96
75.0	174.05	173.88	173.72	173.58	173.44
75.5	165.27	165.11	164.96	164.84	164.73
76.0	156.46	156.30	156.16	156.04	155.94

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

<b>76.5</b>	147.64	147.49	147.36	147.25	147.16
<b>77.0</b>	138.83	138.69	138.56	138.46	138.37
<b>77.5</b>	130.07	129.93	129.81	129.71	129.63
<b>78.0</b>	121.32	121.19	121.07	120.98	120.91
<b>78.5</b>	112.67	112.58	112.50	112.43	112.39
<b>79.0</b>	103.70	103.64	103.59	103.55	103.52
<b>79.5</b>	93.85	93.78	93.71	93.66	93.62
<b>80.0</b>	83.57	83.48	83.39	83.32	83.25
<b>80.5</b>	73.01	72.92	72.85	72.78	72.71
<b>81.0</b>	62.47	62.39	62.33	62.26	62.21
<b>81.5</b>	52.32	52.25	52.19	52.12	52.06
<b>82.0</b>	42.44	42.39	42.32	42.26	42.20
<b>82.5</b>	32.62	32.57	32.53	32.48	32.44
<b>83.0</b>	23.58	23.52	23.48	23.44	23.41
<b>83.5</b>	15.87	15.77	15.67	15.59	15.51
<b>84.0</b>	9.73	9.59	9.45	9.32	9.19
<b>84.5</b>	5.79	5.66	5.53	5.41	5.29
<b>85.0</b>	3.44	3.34	3.24	3.15	3.07
<b>85.5</b>	2.50	2.44	2.39	2.34	2.30
<b>86.0</b>	2.31	2.30	2.28	2.27	2.26
<b>86.5</b>	2.09	2.09	2.09	2.08	2.08
<b>87.0</b>	2.01	2.01	2.01	2.01	2.01
<b>87.5</b>	2.00	2.00	2.01	2.01	2.01
<b>88.0</b>	2.04	2.04	2.04	2.04	2.05
<b>88.5</b>	2.08	2.08	2.08	2.08	2.08
<b>89.0</b>	2.12	2.12	2.11	2.11	2.11
<b>89.5</b>	2.15	2.15	2.15	2.15	2.14
<b>90.0</b>	2.17	2.17	2.17	2.17	2.18

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

Zone	Lumens	%Lamp	%Fixt
0-20	10702.25	35.00	35.00
0-30	20631.57	67.50	67.50
0-40	27048.44	88.50	88.50
0-60	29975.12	98.10	98.10
0-80	30534.6	99.90	99.90
0-90	30555.64	100.00	100.00
10-90	27730.3	90.80	90.80
20-40	16346.18	53.50	53.50
20-50	18524.21	60.60	60.60
40-70	3301.61	10.80	10.80
60-80	559.49	1.80	1.80
70-80	184.56	0.60	0.60
80-90	21.03	0.10	0.10
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	30555.64	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	2825.34
10-20	7876.92
20-30	9929.31
30-40	6416.87
40-50	2178.03
50-60	748.65
60-70	374.93
70-80	184.56
80-90	21.03
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

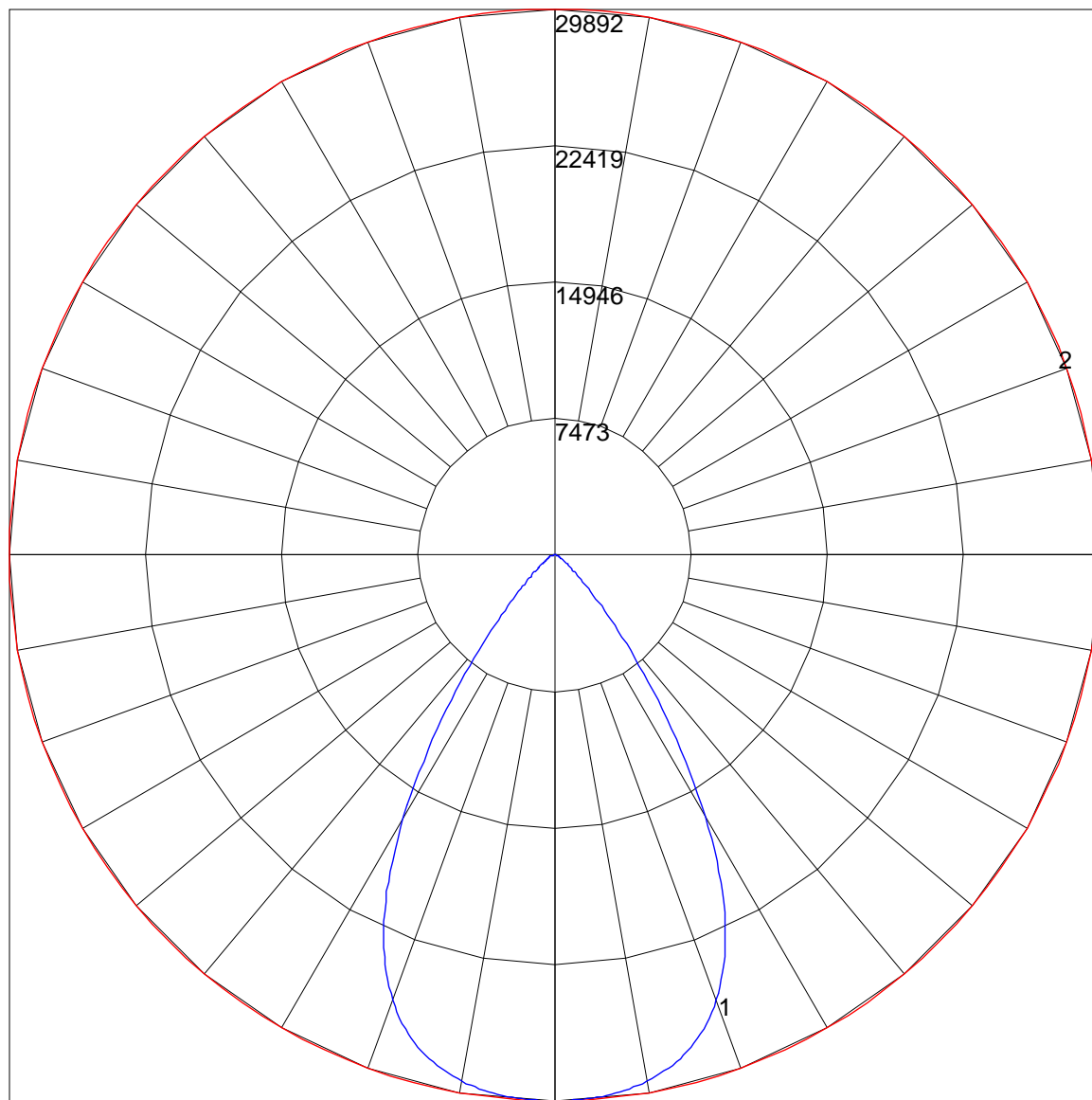
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : NUVHTHOWT30MWD120-277V.IES**

**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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79
4	96	88	82	78	94	87	82	77	85	80	76	83	79	76	81	77	75	73
5	91	82	76	72	89	81	75	71	79	74	71	78	73	70	76	72	69	68
6	86	77	71	66	85	76	70	66	74	69	65	73	68	65	72	68	64	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59
8	77	68	61	57	76	67	61	57	66	61	57	65	60	56	64	59	56	55
9	74	64	58	53	73	63	57	53	62	57	53	61	56	53	60	56	53	51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	50	48

POLAR GRAPH



Maximum Candela = 29892.04 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)