



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : NUVHTMOWT50MWD120-277V.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE] 2017-01-04

[ISSUEDATE] 2017-02-18 08:46:33

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER]

[MANUFAC] BEGHELLI

[LUMINAIRE] NUVHTMOWT50MWD120-277V

[LAMP] 5000K Ra80

### CHARACTERISTICS

Lumens Per Lamp	19794 (1 lamp)
Total Lamp Lumens	19794
Luminaire Lumens	19794
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.90
Spacing Criterion (90-270)	0.88
Spacing Criterion (Diagonal)	0.82
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	45419	44782	43790
55	23508	22729	21810
65	12884	12641	12265
75	7966	7887	7647
85	2282	2606	2687

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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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.92	23522.93	23522.93	23522.93	23522.93	23522.93	23522.93	23522.92	23522.92	23522.91
1.0	23524.82	23524.83	23524.82	23524.82	23524.81	23524.80	23524.79	23524.77	23524.74	23524.72
1.5	23527.84	23527.84	23527.83	23527.81	23527.79	23527.75	23527.71	23527.67	23527.61	23527.55
2.0	23530.50	23530.49	23530.46	23530.42	23530.37	23530.31	23530.24	23530.15	23530.05	23529.94
2.5	23531.97	23531.95	23531.90	23531.83	23531.74	23531.64	23531.51	23531.37	23531.21	23531.03
3.0	23530.76	23530.73	23530.66	23530.56	23530.45	23530.30	23530.13	23529.94	23529.73	23529.49
3.5	23525.02	23524.98	23524.90	23524.79	23524.66	23524.51	23524.33	23524.13	23523.90	23523.66
4.0	23514.99	23514.95	23514.87	23514.76	23514.64	23514.49	23514.33	23514.14	23513.94	23513.72
4.5	23500.20	23500.17	23500.11	23500.03	23499.95	23499.84	23499.73	23499.60	23499.46	23499.32
5.0	23480.95	23480.92	23480.87	23480.82	23480.77	23480.71	23480.64	23480.58	23480.51	23480.44
5.5	23457.41	23457.38	23457.31	23457.25	23457.18	23457.12	23457.06	23457.01	23456.96	23456.91
6.0	23429.41	23429.36	23429.27	23429.19	23429.11	23429.04	23428.98	23428.93	23428.89	23428.86
6.5	23396.90	23396.85	23396.78	23396.71	23396.66	23396.62	23396.58	23396.56	23396.56	23396.57
7.0	23359.60	23359.55	23359.48	23359.43	23359.38	23359.35	23359.33	23359.32	23359.33	23359.36
7.5	23317.52	23317.44	23317.31	23317.21	23317.11	23317.02	23316.93	23316.86	23316.81	23316.78
8.0	23269.74	23269.63	23269.44	23269.28	23269.11	23268.94	23268.79	23268.64	23268.51	23268.40
8.5	23215.81	23215.68	23215.44	23215.23	23215.01	23214.78	23214.56	23214.35	23214.15	23213.97
9.0	23154.37	23154.24	23154.02	23153.81	23153.60	23153.37	23153.15	23152.93	23152.73	23152.54
9.5	23083.93	23083.90	23083.86	23083.83	23083.79	23083.77	23083.74	23083.71	23083.70	23083.69
10.0	23004.40	23004.47	23004.59	23004.71	23004.83	23004.97	23005.11	23005.25	23005.39	23005.53
10.5	22915.95	22915.97	22916.01	22916.04	22916.06	22916.08	22916.10	22916.10	22916.10	22916.09
11.0	22816.36	22816.32	22816.24	22816.15	22816.03	22815.90	22815.75	22815.59	22815.41	22815.22
11.5	22703.14	22703.11	22703.04	22702.96	22702.86	22702.74	22702.61	22702.46	22702.30	22702.13
12.0	22577.38	22577.37	22577.34	22577.30	22577.25	22577.18	22577.11	22577.02	22576.92	22576.81
12.5	22439.42	22439.43	22439.46	22439.46	22439.45	22439.43	22439.40	22439.35	22439.29	22439.20
13.0	22288.96	22288.99	22289.03	22289.04	22289.03	22289.01	22288.96	22288.89	22288.80	22288.68
13.5	22126.39	22126.36	22126.29	22126.17	22126.02	22125.84	22125.62	22125.36	22125.06	22124.73
14.0	21950.03	21949.94	21949.76	21949.52	21949.23	21948.88	21948.47	21948.01	21947.49	21946.93
14.5	21757.61	21757.57	21757.46	21757.28	21757.02	21756.69	21756.29	21755.80	21755.25	21754.62
15.0	21551.24	21551.24	21551.17	21550.99	21550.73	21550.36	21549.90	21549.34	21548.67	21547.90
15.5	21332.88	21332.77	21332.50	21332.10	21331.55	21330.87	21330.05	21329.09	21328.00	21326.77
16.0	21100.75	21100.49	21099.93	21099.21	21098.28	21097.15	21095.84	21094.35	21092.69	21090.86
16.5	20853.55	20853.15	20852.30	20851.23	20849.89	20848.29	20846.45	20844.36	20842.06	20839.55
17.0	20591.84	20591.30	20590.16	20588.76	20587.01	20584.92	20582.52	20579.82	20576.84	20573.60
17.5	20315.83	20315.21	20313.88	20312.22	20310.13	20307.63	20304.75	20301.50	20297.90	20293.98
18.0	20025.23	20024.52	20022.98	20021.04	20018.58	20015.64	20012.24	20008.39	20004.13	19999.46
18.5	19719.92	19719.04	19717.15	19714.79	19711.82	19708.27	19704.16	19699.54	19694.43	19688.84
19.0	19399.52	19398.47	19396.22	19393.43	19389.93	19385.76	19380.94	19375.52	19369.53	19363.00
19.5	19063.50	19062.34	19059.85	19056.73	19052.82	19048.14	19042.73	19036.63	19029.88	19022.52
20.0	18712.23	18710.98	18708.27	18704.86	18700.56	18695.40	18689.44	18682.70	18675.24	18667.08
20.5	18345.43	18344.08	18341.16	18337.46	18332.79	18327.19	18320.69	18313.35	18305.20	18296.29
21.0	17964.56	17963.09	17959.89	17955.85	17950.75	17944.63	17937.54	17929.53	17920.64	17910.92
21.5	17572.37	17570.64	17566.92	17562.31	17556.52	17549.62	17541.64	17532.67	17522.75	17511.95
22.0	17164.79	17162.82	17158.66	17153.54	17147.14	17139.54	17130.80	17120.98	17110.16	17098.40
22.5	16737.09	16735.13	16730.94	16725.76	16719.26	16711.50	16702.57	16692.51	16681.40	16669.31
23.0	16293.97	16292.03	16287.86	16282.67	16276.13	16268.32	16259.29	16249.13	16237.88	16225.61
23.5	15839.39	15837.25	15832.71	15827.15	15820.21	15811.97	15802.49	15791.86	15780.15	15767.44
24.0	15370.87	15368.54	15363.69	15357.84	15350.58	15342.01	15332.21	15321.25	15309.23	15296.22
24.5	14886.28	14884.03	14879.30	14873.59	14866.51	14858.13	14848.54	14837.81	14826.03	14813.28
25.0	14388.50	14386.40	14381.98	14376.59	14369.89	14361.94	14352.81	14342.59	14331.35	14319.15
25.5	13879.10	13877.15	13873.02	13867.98	13861.70	13854.25	13845.70	13836.12	13825.57	13814.13
26.0	13359.86	13358.08	13354.31	13349.71	13343.96	13337.14	13329.30	13320.51	13310.83	13300.33
26.5	12832.15	12830.61	12827.32	12823.27	12818.19	12812.16	12805.21	12797.39	12788.78	12779.41

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27.0	12298.81	12297.50	12294.69	12291.21	12286.82	12281.60	12275.56	12268.77	12261.27	12253.09
27.5	11762.28	11761.13	11758.68	11755.64	11751.82	11747.27	11742.03	11736.13	11729.61	11722.52
28.0	11225.09	11224.08	11221.96	11219.34	11216.07	11212.18	11207.71	11202.69	11197.14	11191.12
28.5	10689.96	10689.13	10687.36	10685.20	10682.51	10679.31	10675.64	10671.53	10667.00	10662.09
29.0	10158.73	10158.08	10156.71	10155.04	10152.97	10150.51	10147.70	10144.55	10141.08	10137.32
29.5	9633.40	9633.00	9632.15	9631.09	9629.76	9628.17	9626.34	9624.29	9622.02	9619.54
30.0	9116.13	9115.96	9115.59	9115.10	9114.47	9113.72	9112.83	9111.82	9110.69	9109.45
30.5	8608.86	8608.81	8608.71	8608.59	8608.45	8608.28	8608.08	8607.86	8607.62	8607.36
31.0	8114.19	8114.24	8114.36	8114.55	8114.81	8115.14	8115.53	8115.99	8116.51	8117.11
31.5	7635.04	7635.23	7635.65	7636.20	7636.90	7637.76	7638.75	7639.89	7641.16	7642.55
32.0	7172.46	7172.77	7173.45	7174.31	7175.39	7176.70	7178.21	7179.92	7181.82	7183.89
32.5	6728.41	6728.77	6729.57	6730.60	6731.91	6733.49	6735.33	6737.43	6739.76	6742.31
33.0	6303.08	6303.46	6304.31	6305.44	6306.90	6308.67	6310.75	6313.12	6315.77	6318.69
33.5	5896.90	5897.29	5898.19	5899.40	5900.98	5902.90	5905.18	5907.78	5910.70	5913.93
34.0	5511.05	5511.45	5512.37	5513.64	5515.30	5517.34	5519.75	5522.53	5525.66	5529.13
34.5	5146.88	5147.28	5148.23	5149.54	5151.26	5153.39	5155.90	5158.80	5162.07	5165.71
35.0	4804.32	4804.72	4805.68	4807.01	4808.77	4810.94	4813.51	4816.48	4819.83	4823.55
35.5	4482.98	4483.40	4484.41	4485.81	4487.65	4489.91	4492.60	4495.69	4499.17	4503.04
36.0	4185.15	4185.52	4186.43	4187.73	4189.46	4191.60	4194.15	4197.11	4200.45	4204.18
36.5	3917.17	3917.17	3917.36	3917.91	3918.77	3919.95	3921.45	3923.29	3925.48	3928.02
37.0	3666.52	3666.29	3666.04	3666.10	3666.38	3666.91	3667.69	3668.75	3670.11	3671.77
37.5	3417.99	3418.33	3419.13	3420.21	3421.62	3423.35	3425.40	3427.74	3430.38	3433.30
38.0	3185.97	3186.91	3188.79	3190.94	3193.52	3196.51	3199.87	3203.55	3207.53	3211.76
38.5	2982.91	2983.71	2985.32	2987.15	2989.37	2991.93	2994.81	2997.97	3001.38	3005.02
39.0	2799.54	2800.04	2801.08	2802.30	2803.80	2805.56	2807.56	2809.78	2812.21	2814.82
39.5	2631.19	2631.60	2632.44	2633.44	2634.66	2636.10	2637.74	2639.56	2641.55	2643.69
40.0	2476.57	2476.93	2477.68	2478.55	2479.61	2480.85	2482.25	2483.79	2485.48	2487.28
40.5	2332.56	2332.91	2333.61	2334.39	2335.34	2336.42	2337.63	2338.96	2340.39	2341.90
41.0	2200.01	2200.35	2201.01	2201.72	2202.55	2203.49	2204.53	2205.65	2206.84	2208.07
41.5	2079.62	2079.91	2080.45	2081.02	2081.67	2082.39	2083.18	2084.01	2084.88	2085.77
42.0	1968.76	1968.98	1969.41	1969.82	1970.29	1970.80	1971.33	1971.88	1972.44	1972.99
42.5	1864.73	1864.93	1865.27	1865.58	1865.92	1866.26	1866.60	1866.93	1867.24	1867.52
43.0	1768.37	1768.54	1768.83	1769.06	1769.28	1769.49	1769.67	1769.82	1769.92	1769.97
43.5	1679.94	1680.11	1680.37	1680.57	1680.74	1680.87	1680.95	1680.98	1680.95	1680.84
44.0	1598.44	1598.58	1598.79	1598.92	1598.99	1599.01	1598.96	1598.84	1598.64	1598.34
44.5	1523.85	1523.88	1523.87	1523.76	1523.56	1523.27	1522.88	1522.40	1521.82	1521.13
45.0	1453.52	1453.43	1453.21	1452.87	1452.41	1451.83	1451.14	1450.33	1449.41	1448.38
45.5	1383.59	1383.48	1383.21	1382.84	1382.35	1381.74	1381.02	1380.18	1379.23	1378.18
46.0	1317.59	1317.48	1317.23	1316.87	1316.40	1315.82	1315.12	1314.32	1313.41	1312.41
46.5	1258.68	1258.57	1258.30	1257.91	1257.40	1256.76	1256.00	1255.13	1254.14	1253.03
47.0	1204.13	1204.01	1203.70	1203.27	1202.69	1201.98	1201.13	1200.15	1199.04	1197.80
47.5	1152.24	1152.07	1151.68	1151.16	1150.49	1149.67	1148.71	1147.61	1146.37	1145.01
48.0	1103.08	1102.87	1102.40	1101.80	1101.04	1100.12	1099.06	1097.85	1096.51	1095.04
48.5	1056.10	1055.88	1055.38	1054.75	1053.96	1053.01	1051.90	1050.66	1049.28	1047.77
49.0	1011.47	1011.24	1010.73	1010.09	1009.28	1008.31	1007.19	1005.93	1004.53	1003.01
49.5	969.27	969.02	968.49	967.83	966.99	966.00	964.86	963.57	962.15	960.61
50.0	929.18	928.91	928.36	927.68	926.82	925.81	924.65	923.35	921.91	920.36
50.5	890.91	890.64	890.07	889.39	888.53	887.51	886.35	885.04	883.61	882.05
51.0	854.38	854.11	853.54	852.85	851.99	850.97	849.80	848.50	847.07	845.51
51.5	819.53	819.25	818.65	817.94	817.06	816.03	814.85	813.53	812.09	810.54
52.0	786.08	785.78	785.17	784.44	783.56	782.52	781.34	780.03	778.60	777.06
52.5	753.62	753.34	752.75	752.05	751.20	750.20	749.06	747.80	746.42	744.94
53.0	722.46	722.19	721.63	720.96	720.15	719.19	718.10	716.89	715.57	714.15
53.5	692.90	692.62	692.06	691.40	690.60	689.66	688.59	687.41	686.12	684.73
54.0	664.50	664.22	663.66	663.01	662.21	661.28	660.23	659.07	657.81	656.46
54.5	636.88	636.61	636.06	635.42	634.65	633.75	632.74	631.61	630.40	629.09

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**CANDELA TABULATION - (Cont.)**

55.0	610.24	609.98	609.45	608.83	608.09	607.22	606.24	605.16	603.98	602.73
55.5	584.77	584.51	583.98	583.37	582.63	581.78	580.82	579.77	578.63	577.42
56.0	560.23	559.97	559.44	558.84	558.12	557.29	556.35	555.33	554.22	553.05
56.5	536.41	536.16	535.65	535.08	534.39	533.59	532.70	531.72	530.67	529.55
57.0	513.42	513.18	512.69	512.14	511.48	510.72	509.87	508.94	507.94	506.87
57.5	491.30	491.06	490.57	490.03	489.38	488.63	487.80	486.90	485.93	484.91
58.0	470.02	469.77	469.29	468.75	468.11	467.38	466.57	465.69	464.74	463.75
58.5	449.60	449.36	448.88	448.35	447.73	447.02	446.24	445.39	444.48	443.53
59.0	429.94	429.70	429.23	428.72	428.12	427.44	426.69	425.87	425.00	424.09
59.5	410.90	410.66	410.21	409.72	409.14	408.49	407.76	406.99	406.16	405.30
60.0	392.60	392.37	391.93	391.46	390.91	390.28	389.59	388.85	388.07	387.25
60.5	375.16	374.95	374.53	374.08	373.55	372.96	372.31	371.61	370.87	370.10
61.0	358.45	358.24	357.83	357.40	356.89	356.32	355.69	355.03	354.32	353.59
61.5	342.43	342.20	341.77	341.31	340.78	340.19	339.55	338.86	338.14	337.40
62.0	326.92	326.69	326.25	325.78	325.25	324.66	324.01	323.33	322.62	321.89
62.5	311.62	311.43	311.06	310.67	310.22	309.72	309.18	308.60	308.00	307.38
63.0	296.91	296.77	296.49	296.19	295.84	295.45	295.02	294.57	294.09	293.59
63.5	283.09	282.97	282.75	282.50	282.21	281.88	281.52	281.13	280.73	280.30
64.0	270.07	269.97	269.79	269.58	269.33	269.06	268.75	268.41	268.06	267.68
64.5	257.90	257.82	257.68	257.51	257.31	257.08	256.82	256.53	256.23	255.90
65.0	246.44	246.39	246.27	246.14	245.98	245.79	245.57	245.33	245.07	244.79
65.5	235.60	235.56	235.48	235.38	235.25	235.10	234.92	234.72	234.49	234.25
66.0	225.30	225.28	225.23	225.15	225.05	224.93	224.78	224.61	224.42	224.20
66.5	215.51	215.49	215.45	215.39	215.31	215.20	215.07	214.92	214.75	214.55
67.0	206.08	206.07	206.04	205.99	205.92	205.83	205.72	205.59	205.43	205.26
67.5	196.84	196.84	196.83	196.80	196.75	196.68	196.60	196.49	196.37	196.23
68.0	187.91	187.92	187.93	187.92	187.89	187.85	187.79	187.71	187.62	187.50
68.5	179.47	179.48	179.49	179.49	179.47	179.43	179.38	179.32	179.23	179.13
69.0	171.26	171.28	171.29	171.29	171.28	171.26	171.21	171.16	171.08	170.99
69.5	163.03	163.05	163.08	163.09	163.09	163.08	163.06	163.02	162.97	162.90
70.0	155.02	155.05	155.09	155.12	155.14	155.15	155.16	155.15	155.12	155.09
70.5	147.42	147.46	147.52	147.58	147.62	147.66	147.70	147.72	147.73	147.73
71.0	140.19	140.24	140.33	140.40	140.47	140.54	140.60	140.65	140.68	140.71
71.5	133.39	133.44	133.54	133.61	133.69	133.77	133.83	133.89	133.94	133.97
72.0	126.96	127.01	127.10	127.18	127.26	127.33	127.40	127.45	127.50	127.53
72.5	120.89	120.94	121.03	121.09	121.16	121.23	121.28	121.33	121.36	121.39
73.0	115.09	115.13	115.21	115.27	115.33	115.38	115.42	115.46	115.48	115.49
73.5	109.44	109.49	109.56	109.61	109.67	109.71	109.76	109.79	109.81	109.81
74.0	103.95	103.99	104.06	104.12	104.17	104.22	104.26	104.29	104.31	104.32
74.5	98.55	98.60	98.67	98.72	98.78	98.83	98.87	98.90	98.93	98.94
75.0	93.31	93.35	93.42	93.48	93.54	93.59	93.64	93.68	93.70	93.72
75.5	88.28	88.32	88.39	88.45	88.51	88.56	88.61	88.65	88.68	88.70
76.0	83.42	83.46	83.53	83.58	83.64	83.70	83.74	83.78	83.82	83.83
76.5	78.68	78.72	78.79	78.85	78.91	78.97	79.02	79.06	79.09	79.12
77.0	74.08	74.12	74.19	74.25	74.31	74.36	74.42	74.46	74.49	74.52
77.5	69.60	69.64	69.70	69.76	69.81	69.86	69.91	69.95	69.98	70.00
78.0	65.23	65.27	65.33	65.37	65.42	65.47	65.51	65.55	65.57	65.59
78.5	60.99	61.02	61.07	61.12	61.16	61.20	61.23	61.26	61.28	61.30
79.0	56.83	56.85	56.90	56.94	56.98	57.01	57.04	57.06	57.08	57.09
79.5	52.69	52.72	52.77	52.81	52.84	52.88	52.91	52.94	52.96	52.97
80.0	48.58	48.60	48.65	48.70	48.74	48.78	48.81	48.85	48.87	48.89
80.5	44.43	44.46	44.52	44.56	44.61	44.66	44.71	44.75	44.79	44.82
81.0	40.27	40.31	40.37	40.43	40.49	40.55	40.61	40.66	40.71	40.75
81.5	36.13	36.17	36.24	36.31	36.38	36.45	36.51	36.58	36.64	36.70
82.0	31.97	32.01	32.09	32.16	32.24	32.32	32.41	32.49	32.56	32.63
82.5	27.69	27.74	27.83	27.92	28.01	28.11	28.21	28.31	28.41	28.51

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**CANDELA TABULATION - (Cont.)**

<b>83.0</b>	23.47	23.52	23.62	23.72	23.83	23.94	24.06	24.18	24.30	24.42
<b>83.5</b>	19.39	19.45	19.55	19.65	19.77	19.89	20.02	20.15	20.29	20.42
<b>84.0</b>	15.55	15.61	15.71	15.81	15.92	16.05	16.18	16.31	16.45	16.58
<b>84.5</b>	12.10	12.14	12.22	12.31	12.40	12.51	12.62	12.73	12.85	12.97
<b>85.0</b>	9.00	9.03	9.09	9.15	9.23	9.31	9.39	9.49	9.58	9.68
<b>85.5</b>	6.21	6.23	6.28	6.32	6.38	6.45	6.52	6.60	6.68	6.76
<b>86.0</b>	3.97	3.98	4.01	4.05	4.09	4.14	4.20	4.26	4.33	4.40
<b>86.5</b>	2.57	2.58	2.60	2.62	2.64	2.67	2.71	2.75	2.80	2.85
<b>87.0</b>	1.76	1.76	1.77	1.78	1.79	1.80	1.82	1.84	1.87	1.89
<b>87.5</b>	1.43	1.43	1.44	1.44	1.45	1.46	1.47	1.48	1.49	1.51
<b>88.0</b>	1.37	1.37	1.38	1.38	1.39	1.39	1.40	1.41	1.42	1.42
<b>88.5</b>	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.35
<b>89.0</b>	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
<b>89.5</b>	1.33	1.33	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
<b>90.0</b>	1.33	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.35	1.35

**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>	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
<b>0.5</b>	23522.91	23522.90	23522.89	23522.86	23522.83	23522.79	23522.76	23522.73	23522.70	23522.67
<b>1.0</b>	23524.69	23524.66	23524.62	23524.54	23524.46	23524.38	23524.29	23524.21	23524.13	23524.06
<b>1.5</b>	23527.48	23527.41	23527.32	23527.18	23527.03	23526.88	23526.73	23526.58	23526.43	23526.28
<b>2.0</b>	23529.82	23529.70	23529.54	23529.33	23529.09	23528.86	23528.62	23528.38	23528.15	23527.93
<b>2.5</b>	23530.83	23530.63	23530.39	23530.07	23529.72	23529.37	23529.01	23528.66	23528.32	23527.99
<b>3.0</b>	23529.24	23528.98	23528.67	23528.26	23527.81	23527.37	23526.93	23526.50	23526.08	23525.67
<b>3.5</b>	23523.40	23523.13	23522.82	23522.41	23521.96	23521.51	23521.08	23520.65	23520.25	23519.87
<b>4.0</b>	23513.49	23513.26	23512.99	23512.62	23512.22	23511.83	23511.46	23511.10	23510.77	23510.47
<b>4.5</b>	23499.17	23499.02	23498.84	23498.57	23498.27	23498.00	23497.74	23497.50	23497.29	23497.11
<b>5.0</b>	23480.37	23480.32	23480.24	23480.09	23479.92	23479.79	23479.66	23479.57	23479.51	23479.48
<b>5.5</b>	23456.88	23456.87	23456.86	23456.83	23456.81	23456.82	23456.86	23456.93	23457.03	23457.17
<b>6.0</b>	23428.86	23428.87	23428.91	23428.98	23429.09	23429.22	23429.39	23429.60	23429.85	23430.13
<b>6.5</b>	23396.61	23396.67	23396.76	23396.87	23397.02	23397.20	23397.42	23397.68	23397.98	23398.32
<b>7.0</b>	23359.42	23359.50	23359.60	23359.73	23359.89	23360.09	23360.32	23360.60	23360.92	23361.29
<b>7.5</b>	23316.78	23316.80	23316.87	23316.99	23317.16	23317.37	23317.63	23317.93	23318.29	23318.70
<b>8.0</b>	23268.32	23268.27	23268.28	23268.38	23268.55	23268.76	23269.02	23269.33	23269.71	23270.14
<b>8.5</b>	23213.83	23213.70	23213.65	23213.73	23213.89	23214.09	23214.34	23214.65	23215.01	23215.43
<b>9.0</b>	23152.38	23152.23	23152.15	23152.19	23152.30	23152.44	23152.63	23152.87	23153.16	23153.51
<b>9.5</b>	23083.68	23083.70	23083.71	23083.65	23083.59	23083.57	23083.56	23083.60	23083.67	23083.78
<b>10.0</b>	23005.65	23005.80	23005.87	23005.70	23005.46	23005.25	23005.04	23004.86	23004.70	23004.57
<b>10.5</b>	22916.06	22916.05	22915.97	22915.68	22915.33	22915.00	22914.69	22914.40	22914.14	22913.92
<b>11.0</b>	22815.02	22814.82	22814.58	22814.21	22813.79	22813.40	22813.04	22812.70	22812.39	22812.13
<b>11.5</b>	22701.95	22701.77	22701.55	22701.20	22700.80	22700.44	22700.09	22699.78	22699.49	22699.25
<b>12.0</b>	22576.69	22576.57	22576.40	22576.07	22575.69	22575.33	22574.99	22574.68	22574.39	22574.14
<b>12.5</b>	22439.10	22439.01	22438.83	22438.42	22437.92	22437.46	22437.00	22436.57	22436.16	22435.79
<b>13.0</b>	22288.53	22288.39	22288.14	22287.59	22286.93	22286.31	22285.69	22285.08	22284.51	22283.97
<b>13.5</b>	22124.37	22124.01	22123.55	22122.85	22122.05	22121.29	22120.53	22119.78	22119.06	22118.38
<b>14.0</b>	21946.32	21945.70	21944.99	21944.05	21943.04	21942.04	21941.05	21940.06	21939.11	21938.19
<b>14.5</b>	21753.92	21753.20	21752.30	21751.00	21749.54	21748.09	21746.61	21745.14	21743.69	21742.27
<b>15.0</b>	21547.03	21546.11	21544.94	21543.19	21541.20	21539.22	21537.20	21535.15	21533.11	21531.10
<b>15.5</b>	21325.42	21324.00	21322.33	21320.12	21317.69	21315.23	21312.73	21310.21	21307.67	21305.16
<b>16.0</b>	21088.88	21086.80	21084.48	21081.71	21078.73	21075.72	21072.65	21069.55	21066.44	21063.34
<b>16.5</b>	20836.85	20834.01	20830.91	20827.38	20823.64	20819.84	20815.98	20812.07	20808.16	20804.26
<b>17.0</b>	20570.12	20566.46	20562.50	20558.08	20553.41	20548.67	20543.84	20538.96	20534.07	20529.18
<b>17.5</b>	20289.75	20285.30	20280.47	20275.04	20269.28	20263.42	20257.44	20251.38	20245.29	20239.20
<b>18.0</b>	19994.43	19989.13	19983.35	19976.81	19969.87	19962.80	19955.58	19948.25	19940.86	19933.46

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**CANDELA TABULATION - (Cont.)**

18.5	19682.83	19676.49	19669.62	19661.95	19653.83	19645.55	19637.10	19628.52	19619.86	19611.20
19.0	19355.98	19348.57	19340.58	19331.73	19322.39	19312.86	19303.12	19293.24	19283.28	19273.30
19.5	19014.59	19006.22	18997.17	18987.09	18976.44	18965.57	18954.45	18943.16	18931.76	18920.33
20.0	18658.28	18648.99	18638.91	18627.61	18615.65	18603.43	18590.93	18578.22	18565.39	18552.52
20.5	18286.67	18276.50	18265.45	18253.00	18239.79	18226.30	18212.49	18198.46	18184.29	18170.06
21.0	17900.43	17889.35	17877.30	17863.76	17849.39	17834.72	17819.71	17804.44	17789.03	17773.56
21.5	17500.32	17488.04	17474.82	17460.22	17444.82	17429.10	17413.01	17396.67	17380.18	17363.62
22.0	17085.78	17072.44	17058.18	17042.66	17026.37	17009.71	16992.70	16975.42	16957.97	16940.47
22.5	16656.30	16642.57	16627.79	16611.52	16594.39	16576.88	16558.97	16540.79	16522.44	16504.03
23.0	16212.40	16198.45	16183.38	16166.66	16149.00	16130.96	16112.50	16093.75	16074.83	16055.84
23.5	15753.79	15739.37	15723.98	15707.31	15689.85	15671.99	15653.73	15635.18	15616.46	15597.66
24.0	15282.31	15267.62	15252.12	15235.74	15218.73	15201.29	15183.49	15165.41	15147.15	15128.81
24.5	14799.63	14785.21	14769.98	14753.82	14737.02	14719.80	14702.21	14684.34	14666.29	14648.16
25.0	14306.08	14292.26	14277.60	14261.90	14245.53	14228.74	14211.58	14194.14	14176.51	14158.79
25.5	13801.85	13788.87	13775.09	13760.39	13745.05	13729.30	13713.19	13696.79	13680.19	13663.47
26.0	13289.06	13277.12	13264.46	13251.03	13237.01	13222.59	13207.82	13192.75	13177.48	13162.06
26.5	12769.33	12758.64	12747.30	12735.23	12722.63	12709.64	12696.29	12682.65	12668.79	12654.76
27.0	12244.29	12234.92	12224.97	12214.39	12203.33	12191.89	12180.11	12168.04	12155.74	12143.26
27.5	11714.88	11706.74	11698.14	11689.13	11679.72	11669.98	11659.92	11649.59	11639.03	11628.29
28.0	11184.65	11177.74	11170.51	11163.10	11155.43	11147.43	11139.16	11130.65	11121.92	11112.99
28.5	10656.82	10651.17	10645.33	10639.55	10633.62	10627.39	10620.91	10614.21	10607.30	10600.17
29.0	10133.30	10128.95	10124.53	10120.37	10116.16	10111.66	10106.96	10102.04	10096.91	10091.57
29.5	9616.88	9613.97	9611.05	9608.46	9605.86	9603.01	9599.97	9596.73	9593.28	9589.60
30.0	9108.09	9106.55	9105.08	9104.03	9103.02	9101.79	9100.39	9098.81	9097.00	9094.96
30.5	8607.08	8606.66	8606.46	8606.99	8607.70	8608.19	8608.55	8608.74	8608.72	8608.45
31.0	8117.76	8118.33	8119.26	8121.20	8123.46	8125.52	8127.47	8129.28	8130.88	8132.22
31.5	7644.07	7645.54	7647.44	7650.40	7653.72	7656.86	7659.93	7662.87	7665.61	7668.10
32.0	7186.13	7188.38	7191.08	7194.86	7199.03	7203.05	7207.02	7210.87	7214.54	7217.97
32.5	6745.08	6747.89	6751.22	6755.76	6760.75	6765.61	6770.45	6775.19	6779.77	6784.12
33.0	6321.87	6325.11	6328.96	6334.16	6339.88	6345.49	6351.11	6356.65	6362.05	6367.22
33.5	5917.47	5921.09	5925.39	5931.19	5937.58	5943.88	5950.20	5956.48	5962.62	5968.54
34.0	5532.94	5536.85	5541.50	5547.78	5554.72	5561.57	5568.46	5575.33	5582.07	5588.60
34.5	5169.69	5173.79	5178.67	5185.26	5192.53	5199.72	5206.97	5214.19	5221.31	5228.22
35.0	4827.64	4831.85	4836.87	4843.61	4851.06	4858.43	4865.88	4873.32	4880.65	4887.78
35.5	4507.29	4511.69	4516.87	4523.72	4531.25	4538.75	4546.34	4553.93	4561.44	4568.79
36.0	4208.29	4212.56	4217.60	4224.30	4231.68	4239.05	4246.53	4254.03	4261.48	4268.80
36.5	3930.92	3933.92	3937.83	3943.72	3950.43	3957.11	3963.92	3970.80	3977.65	3984.41
37.0	3673.77	3675.82	3678.81	3683.92	3689.89	3695.81	3701.86	3707.99	3714.09	3720.10
37.5	3436.50	3439.79	3443.68	3448.85	3454.54	3460.17	3465.84	3471.50	3477.06	3482.47
38.0	3216.22	3220.81	3225.64	3230.87	3236.25	3241.58	3246.87	3252.04	3257.06	3261.87
38.5	3008.84	3012.78	3016.93	3021.43	3026.07	3030.66	3035.22	3039.68	3044.02	3048.17
39.0	2817.60	2820.47	2823.59	2827.20	2831.01	2834.78	2838.55	2842.27	2845.90	2849.40
39.5	2645.97	2648.31	2650.88	2653.89	2657.07	2660.22	2663.36	2666.45	2669.46	2672.35
40.0	2489.19	2491.14	2493.27	2495.74	2498.34	2500.90	2503.43	2505.91	2508.31	2510.59
40.5	2343.48	2345.10	2346.81	2348.72	2350.69	2352.61	2354.50	2356.32	2358.06	2359.69
41.0	2209.35	2210.64	2211.96	2213.32	2214.68	2215.99	2217.25	2218.43	2219.53	2220.52
41.5	2086.67	2087.57	2088.46	2089.30	2090.10	2090.85	2091.54	2092.16	2092.69	2093.12
42.0	1973.53	1974.05	1974.52	1974.87	1975.16	1975.39	1975.55	1975.65	1975.66	1975.58
42.5	1867.76	1867.97	1868.08	1868.00	1867.79	1867.54	1867.22	1866.82	1866.34	1865.78
43.0	1769.96	1769.91	1769.72	1769.23	1768.60	1767.91	1767.14	1766.30	1765.37	1764.37
43.5	1680.65	1680.41	1679.98	1679.17	1678.17	1677.11	1675.95	1674.71	1673.39	1671.98
44.0	1597.94	1597.49	1596.82	1595.71	1594.39	1593.01	1591.53	1589.95	1588.29	1586.56
44.5	1520.33	1519.47	1518.40	1516.95	1515.30	1513.60	1511.82	1509.96	1508.03	1506.05
45.0	1447.24	1446.01	1444.62	1442.93	1441.09	1439.20	1437.23	1435.21	1433.14	1431.03
45.5	1377.02	1375.78	1374.41	1372.85	1371.17	1369.43	1367.61	1365.72	1363.77	1361.77
46.0	1311.30	1310.09	1308.79	1307.37	1305.87	1304.27	1302.60	1300.84	1299.02	1297.11

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**CANDELA TABULATION - (Cont.)**

46.5	1251.81	1250.50	1249.05	1247.44	1245.71	1243.90	1242.00	1240.02	1237.97	1235.85
47.0	1196.44	1194.99	1193.37	1191.51	1189.50	1187.42	1185.26	1183.02	1180.71	1178.35
47.5	1143.52	1141.93	1140.20	1138.25	1136.18	1134.03	1131.81	1129.51	1127.16	1124.75
48.0	1093.45	1091.75	1089.93	1087.96	1085.88	1083.72	1081.50	1079.21	1076.86	1074.47
48.5	1046.13	1044.40	1042.54	1040.55	1038.45	1036.28	1034.04	1031.74	1029.39	1027.00
49.0	1001.36	999.61	997.74	995.75	993.65	991.49	989.25	986.96	984.62	982.23
49.5	958.94	957.17	955.30	953.32	951.26	949.12	946.92	944.66	942.35	940.01
50.0	918.68	916.90	915.03	913.08	911.05	908.95	906.78	904.57	902.31	900.01
50.5	880.38	878.60	876.73	874.79	872.78	870.70	868.56	866.37	864.14	861.87
51.0	843.85	842.09	840.24	838.32	836.34	834.29	832.18	830.03	827.85	825.63
51.5	808.89	807.13	805.30	803.45	801.55	799.58	797.57	795.51	793.42	791.30
52.0	775.43	773.69	771.91	770.13	768.32	766.45	764.53	762.57	760.59	758.58
52.5	743.36	741.69	739.97	738.25	736.50	734.70	732.85	730.96	729.05	727.11
53.0	712.64	711.04	709.39	707.74	706.06	704.31	702.53	700.71	698.87	697.01
53.5	683.26	681.71	680.11	678.54	676.94	675.28	673.59	671.87	670.13	668.36
54.0	655.03	653.52	651.97	650.47	648.96	647.40	645.80	644.18	642.53	640.87
54.5	627.72	626.26	624.77	623.34	621.90	620.40	618.88	617.33	615.76	614.18
55.0	601.40	600.00	598.58	597.21	595.84	594.42	592.97	591.50	590.02	588.52
55.5	576.14	574.78	573.42	572.14	570.86	569.54	568.20	566.83	565.45	564.06
56.0	551.82	550.51	549.21	548.02	546.84	545.62	544.38	543.12	541.85	540.56
56.5	528.38	527.14	525.91	524.79	523.69	522.54	521.38	520.21	519.02	517.82
57.0	505.76	504.59	503.42	502.37	501.34	500.28	499.20	498.10	496.99	495.88
57.5	483.84	482.71	481.60	480.63	479.69	478.71	477.72	476.73	475.72	474.71
58.0	462.72	461.63	460.58	459.68	458.83	457.95	457.05	456.15	455.24	454.33
58.5	442.54	441.50	440.50	439.67	438.90	438.09	437.27	436.45	435.62	434.79
59.0	423.15	422.16	421.21	420.45	419.74	419.00	418.26	417.51	416.76	416.00
59.5	404.41	403.46	402.58	401.88	401.25	400.58	399.91	399.24	398.57	397.89
60.0	386.41	385.52	384.69	384.06	383.50	382.91	382.31	381.72	381.12	380.52
60.5	369.31	368.48	367.70	367.14	366.65	366.13	365.61	365.08	364.56	364.02
61.0	352.84	352.05	351.33	350.83	350.41	349.95	349.50	349.05	348.59	348.12
61.5	336.65	335.86	335.15	334.70	334.35	333.97	333.59	333.21	332.84	332.45
62.0	321.15	320.37	319.69	319.29	319.00	318.67	318.35	318.04	317.73	317.41
62.5	306.75	306.08	305.49	305.14	304.87	304.58	304.29	304.00	303.71	303.40
63.0	293.08	292.54	292.05	291.74	291.48	291.20	290.92	290.64	290.34	290.04
63.5	279.86	279.39	278.96	278.66	278.41	278.13	277.85	277.56	277.26	276.95
64.0	267.30	266.88	266.49	266.20	265.93	265.64	265.34	265.04	264.73	264.41
64.5	255.56	255.20	254.84	254.54	254.24	253.93	253.61	253.28	252.94	252.59
65.0	244.48	244.16	243.83	243.51	243.19	242.85	242.50	242.15	241.78	241.41
65.5	233.98	233.70	233.39	233.07	232.72	232.36	231.99	231.61	231.23	230.83
66.0	223.97	223.71	223.43	223.10	222.74	222.37	221.99	221.59	221.19	220.78
66.5	214.34	214.10	213.84	213.51	213.15	212.77	212.39	211.99	211.59	211.18
67.0	205.06	204.85	204.60	204.28	203.92	203.56	203.18	202.79	202.39	201.99
67.5	196.06	195.88	195.67	195.37	195.03	194.68	194.32	193.95	193.57	193.18
68.0	187.37	187.22	187.03	186.75	186.43	186.11	185.76	185.41	185.05	184.68
68.5	179.00	178.87	178.69	178.42	178.11	177.78	177.45	177.10	176.75	176.38
69.0	170.87	170.75	170.58	170.32	170.02	169.70	169.38	169.04	168.69	168.34
69.5	162.82	162.72	162.59	162.36	162.08	161.80	161.51	161.21	160.89	160.58
70.0	155.03	154.97	154.87	154.67	154.42	154.18	153.92	153.64	153.36	153.08
70.5	147.71	147.68	147.60	147.41	147.17	146.93	146.67	146.40	146.12	145.84
71.0	140.71	140.71	140.66	140.47	140.23	139.98	139.72	139.45	139.16	138.87
71.5	133.99	134.00	133.95	133.77	133.53	133.29	133.03	132.76	132.47	132.18
72.0	127.54	127.56	127.51	127.33	127.09	126.85	126.60	126.33	126.05	125.76
72.5	121.39	121.39	121.34	121.16	120.92	120.69	120.43	120.17	119.89	119.61
73.0	115.48	115.47	115.41	115.23	115.00	114.77	114.52	114.26	113.99	113.71
73.5	109.80	109.79	109.72	109.55	109.32	109.09	108.84	108.59	108.32	108.05
74.0	104.31	104.29	104.23	104.05	103.83	103.61	103.37	103.11	102.85	102.58

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**CANDELA TABULATION - (Cont.)**

74.5	98.93	98.92	98.86	98.69	98.48	98.26	98.03	97.78	97.53	97.27
75.0	93.72	93.71	93.66	93.50	93.29	93.08	92.86	92.62	92.38	92.13
75.5	88.70	88.70	88.65	88.50	88.30	88.10	87.88	87.66	87.42	87.18
76.0	83.84	83.84	83.80	83.65	83.46	83.26	83.06	82.84	82.61	82.38
76.5	79.13	79.13	79.09	78.95	78.76	78.56	78.36	78.14	77.92	77.70
77.0	74.53	74.54	74.50	74.36	74.17	73.98	73.78	73.57	73.36	73.14
77.5	70.01	70.02	69.99	69.86	69.68	69.51	69.32	69.13	68.93	68.72
78.0	65.60	65.60	65.57	65.45	65.29	65.13	64.96	64.78	64.59	64.41
78.5	61.30	61.30	61.26	61.14	60.99	60.84	60.67	60.50	60.33	60.15
79.0	57.09	57.08	57.05	56.93	56.79	56.64	56.48	56.32	56.15	55.98
79.5	52.97	52.97	52.94	52.83	52.69	52.55	52.40	52.25	52.10	51.94
80.0	48.90	48.91	48.89	48.79	48.65	48.52	48.39	48.24	48.09	47.94
80.5	44.84	44.86	44.84	44.75	44.63	44.50	44.37	44.23	44.09	43.94
81.0	40.79	40.82	40.82	40.74	40.61	40.50	40.37	40.24	40.10	39.96
81.5	36.74	36.79	36.80	36.72	36.61	36.50	36.38	36.25	36.12	35.98
82.0	32.69	32.76	32.78	32.72	32.61	32.51	32.40	32.29	32.17	32.04
82.5	28.59	28.68	28.73	28.69	28.61	28.53	28.45	28.36	28.26	28.16
83.0	24.53	24.64	24.72	24.70	24.65	24.60	24.55	24.48	24.41	24.34
83.5	20.54	20.68	20.77	20.78	20.76	20.74	20.71	20.68	20.64	20.59
84.0	16.72	16.85	16.96	17.00	17.00	17.01	17.01	17.00	16.99	16.97
84.5	13.09	13.21	13.32	13.37	13.40	13.43	13.45	13.47	13.49	13.50
85.0	9.78	9.88	9.97	10.04	10.09	10.14	10.19	10.24	10.28	10.32
85.5	6.85	6.95	7.04	7.12	7.19	7.27	7.35	7.42	7.50	7.57
86.0	4.48	4.56	4.64	4.73	4.83	4.92	5.01	5.11	5.20	5.29
86.5	2.90	2.96	3.02	3.10	3.18	3.27	3.35	3.44	3.53	3.61
87.0	1.92	1.96	2.00	2.05	2.12	2.18	2.24	2.31	2.38	2.44
87.5	1.53	1.54	1.57	1.60	1.63	1.67	1.71	1.74	1.78	1.81
88.0	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52
88.5	1.35	1.35	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.38
89.0	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.34	1.35
89.5	1.32	1.32	1.32	1.32	1.32	1.33	1.33	1.33	1.33	1.33
90.0	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.64	23522.62	23522.60	23522.58	23522.58	23522.61	23522.65	23522.69	23522.74	23522.78
1.0	23523.98	23523.92	23523.86	23523.80	23523.78	23523.82	23523.89	23523.96	23524.04	23524.12
1.5	23526.14	23526.02	23525.90	23525.78	23525.70	23525.73	23525.80	23525.87	23525.95	23526.03
2.0	23527.71	23527.51	23527.32	23527.13	23527.00	23527.02	23527.11	23527.18	23527.27	23527.38
2.5	23527.67	23527.38	23527.11	23526.84	23526.66	23526.71	23526.85	23526.99	23527.14	23527.31
3.0	23525.29	23524.94	23524.62	23524.30	23524.11	23524.23	23524.47	23524.71	23524.97	23525.26
3.5	23519.52	23519.20	23518.94	23518.67	23518.56	23518.82	23519.22	23519.62	23520.06	23520.51
4.0	23510.21	23509.99	23509.82	23509.66	23509.67	23510.10	23510.69	23511.27	23511.89	23512.53
4.5	23496.97	23496.88	23496.85	23496.81	23496.96	23497.54	23498.31	23499.05	23499.83	23500.62
5.0	23479.49	23479.55	23479.67	23479.78	23480.07	23480.82	23481.75	23482.66	23483.58	23484.50
5.5	23457.36	23457.59	23457.87	23458.13	23458.59	23459.51	23460.60	23461.65	23462.71	23463.75
6.0	23430.46	23430.84	23431.27	23431.67	23432.27	23433.34	23434.58	23435.77	23436.95	23438.11
6.5	23398.71	23399.15	23399.64	23400.11	23400.78	23401.97	23403.35	23404.66	23405.96	23407.23
7.0	23361.70	23362.17	23362.70	23363.20	23363.93	23365.22	23366.71	23368.14	23369.55	23370.93
7.5	23319.16	23319.69	23320.27	23320.84	23321.64	23323.03	23324.64	23326.17	23327.70	23329.19
8.0	23270.63	23271.18	23271.80	23272.41	23273.25	23274.71	23276.38	23277.98	23279.57	23281.12
8.5	23215.91	23216.46	23217.07	23217.65	23218.47	23219.89	23221.53	23223.09	23224.63	23226.13
9.0	23153.91	23154.37	23154.89	23155.38	23156.11	23157.46	23159.03	23160.52	23161.98	23163.39
9.5	23083.94	23084.16	23084.43	23084.66	23085.18	23086.45	23087.98	23089.42	23090.83	23092.18



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**CANDELA TABULATION - (Cont.)**

10.0	23004.49	23004.46	23004.50	23004.46	23004.78	23005.99	23007.52	23008.93	23010.32	23011.65
10.5	22913.75	22913.63	22913.58	22913.46	22913.72	22914.98	22916.58	22918.05	22919.49	22920.86
11.0	22811.93	22811.79	22811.72	22811.57	22811.83	22813.16	22814.85	22816.39	22817.90	22819.32
11.5	22699.06	22698.93	22698.87	22698.72	22698.98	22700.35	22702.09	22703.66	22705.18	22706.60
12.0	22573.95	22573.81	22573.74	22573.57	22573.82	22575.21	22576.98	22578.58	22580.11	22581.54
12.5	22435.48	22435.23	22435.04	22434.76	22434.94	22436.36	22438.21	22439.88	22441.48	22442.97
13.0	22283.48	22283.07	22282.73	22282.28	22282.34	22283.76	22285.64	22287.33	22288.96	22290.47
13.5	22117.76	22117.20	22116.71	22116.11	22116.02	22117.34	22119.13	22120.70	22122.21	22123.59
14.0	21937.32	21936.51	21935.78	21934.93	21934.61	21935.74	21937.36	21938.76	21940.08	21941.27
14.5	21740.89	21739.59	21738.37	21737.02	21736.27	21737.17	21738.64	21739.87	21741.04	21742.09
15.0	21529.13	21527.24	21525.45	21523.51	21522.25	21522.83	21524.04	21525.02	21525.95	21526.77
15.5	21302.70	21300.30	21298.01	21295.55	21293.79	21293.91	21294.67	21295.19	21295.66	21296.03
16.0	21060.29	21057.31	21054.42	21051.37	21049.02	21048.58	21048.79	21048.75	21048.67	21048.47
16.5	20800.41	20796.64	20792.96	20789.13	20786.05	20785.00	20784.66	20784.06	20783.44	20782.72
17.0	20524.35	20519.61	20514.98	20510.19	20506.22	20504.42	20503.41	20502.15	20500.90	20499.56
17.5	20233.16	20227.20	20221.37	20215.38	20210.27	20207.49	20205.57	20203.42	20201.30	20199.14
18.0	19926.11	19918.84	19911.71	19904.42	19898.07	19894.21	19891.29	19888.15	19885.08	19882.00
18.5	19602.57	19594.05	19585.67	19577.13	19569.60	19564.69	19560.78	19556.67	19552.67	19548.70
19.0	19263.36	19253.52	19243.86	19234.03	19225.28	19219.27	19214.33	19209.22	19204.26	19199.37
19.5	18908.94	18897.66	18886.56	18875.31	18865.19	18857.98	18851.90	18845.69	18839.66	18833.77
20.0	18539.68	18526.95	18514.42	18501.74	18490.28	18481.89	18474.73	18467.46	18460.43	18453.58
20.5	18155.87	18141.81	18127.97	18113.98	18101.31	18091.98	18084.01	18075.93	18068.14	18060.57
21.0	17758.13	17742.85	17727.80	17712.60	17698.82	17688.62	17679.87	17671.02	17662.50	17654.22
21.5	17347.11	17330.74	17314.62	17298.34	17283.51	17272.28	17262.53	17252.70	17243.20	17233.98
22.0	16923.02	16905.70	16888.64	16871.43	16855.67	16843.56	16832.94	16822.25	16811.91	16801.86
22.5	16485.66	16467.46	16449.53	16431.45	16414.94	16402.38	16391.43	16380.41	16369.78	16359.46
23.0	16036.90	16018.13	15999.65	15981.01	15964.02	15951.17	15940.03	15928.81	15918.00	15907.51
23.5	15578.90	15560.29	15541.92	15523.39	15506.38	15493.19	15481.56	15469.84	15458.49	15447.43
24.0	15110.49	15092.28	15074.29	15056.11	15039.31	15025.96	15014.02	15001.97	14990.22	14978.72
24.5	14630.04	14612.03	14594.22	14576.21	14559.61	14546.57	14534.95	14523.19	14511.71	14500.43
25.0	14141.07	14123.46	14106.04	14088.39	14072.16	14059.63	14048.54	14037.26	14026.23	14015.35
25.5	13646.74	13630.06	13613.53	13596.74	13581.25	13569.21	13558.47	13547.50	13536.70	13525.99
26.0	13146.58	13131.12	13115.73	13100.06	13085.53	13074.09	13063.80	13053.21	13042.70	13032.19
26.5	12640.63	12626.46	12612.33	12597.87	12584.41	12573.78	12564.15	12554.17	12544.18	12534.09
27.0	12130.64	12117.94	12105.22	12092.13	12079.92	12070.26	12061.45	12052.23	12042.90	12033.38
27.5	11617.38	11606.37	11595.29	11583.81	11573.06	11564.57	11556.76	11548.48	11540.01	11531.26
28.0	11103.89	11094.65	11085.29	11075.52	11066.32	11059.02	11052.24	11044.95	11037.38	11029.44
28.5	10592.86	10585.36	10577.69	10569.60	10561.89	10555.67	10549.76	10543.30	10536.48	10529.22
29.0	10086.00	10080.22	10074.21	10067.77	10061.52	10056.37	10051.34	10045.73	10039.68	10033.10
29.5	9585.68	9581.51	9577.07	9572.17	9567.36	9563.40	9559.45	9554.86	9549.75	9544.03
30.0	9092.67	9090.08	9087.19	9083.81	9080.39	9077.60	9074.68	9071.06	9066.84	9061.94
30.5	8607.89	8607.00	8605.74	8603.97	8601.96	8600.12	8597.92	8595.00	8591.37	8586.96
31.0	8133.25	8133.92	8134.16	8133.89	8133.19	8132.21	8130.69	8128.40	8125.34	8121.42
31.5	7670.27	7672.07	7673.44	7674.29	7674.65	7674.57	7673.88	7672.41	7670.13	7666.97
32.0	7221.09	7223.85	7226.17	7227.97	7229.26	7230.03	7230.16	7229.51	7228.03	7225.67
32.5	6788.17	6791.84	6795.08	6797.81	6799.98	6801.54	6802.41	6802.49	6801.71	6800.02
33.0	6372.10	6376.61	6380.68	6384.24	6387.20	6389.43	6390.91	6391.60	6391.41	6390.28
33.5	5974.18	5979.44	5984.25	5988.58	5992.21	5994.91	5996.79	5997.88	5998.08	5997.33
34.0	5594.85	5600.72	5606.14	5611.08	5615.26	5618.30	5620.43	5621.80	5622.28	5621.81
34.5	5234.84	5241.09	5246.87	5252.21	5256.71	5259.92	5262.17	5263.68	5264.30	5263.98
35.0	4894.64	4901.13	4907.17	4912.78	4917.54	4920.92	4923.33	4925.03	4925.85	4925.76
35.5	4575.88	4582.65	4589.00	4594.94	4600.10	4604.03	4607.04	4609.38	4610.88	4611.51
36.0	4275.91	4282.72	4289.15	4295.21	4300.56	4304.81	4308.22	4310.99	4312.98	4314.14
36.5	3990.97	3997.28	4003.23	4008.86	4013.78	4017.44	4020.26	4022.51	4024.03	4024.78
37.0	3725.94	3731.53	3736.78	3741.75	3745.97	3748.82	3750.82	3752.30	3753.11	3753.22
37.5	3487.66	3492.55	3497.09	3501.31	3504.82	3507.12	3508.61	3509.59	3509.93	3509.59

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**CANDELA TABULATION - (Cont.)**

38.0	3266.41	3270.62	3274.47	3277.97	3280.83	3282.70	3283.85	3284.50	3284.53	3283.93
38.5	3052.09	3055.75	3059.09	3062.12	3064.63	3066.30	3067.37	3068.00	3068.11	3067.66
39.0	2852.73	2855.84	2858.71	2861.34	2863.53	2865.04	2866.06	2866.70	2866.92	2866.67
39.5	2675.08	2677.63	2679.96	2682.08	2683.82	2684.98	2685.72	2686.12	2686.14	2685.76
40.0	2512.73	2514.70	2516.46	2518.02	2519.26	2520.02	2520.41	2520.50	2520.24	2519.61
40.5	2361.18	2362.51	2363.67	2364.63	2365.34	2365.68	2365.71	2365.48	2364.95	2364.10
41.0	2221.38	2222.10	2222.66	2223.06	2223.25	2223.19	2222.89	2222.36	2221.58	2220.54
41.5	2093.44	2093.64	2093.71	2093.63	2093.40	2093.03	2092.49	2091.75	2090.80	2089.63
42.0	1975.41	1975.14	1974.75	1974.23	1973.63	1973.00	1972.27	1971.36	1970.29	1969.03
42.5	1865.14	1864.41	1863.59	1862.65	1861.69	1860.85	1859.97	1858.93	1857.76	1856.44
43.0	1763.29	1762.15	1760.93	1759.60	1758.30	1757.24	1756.21	1755.04	1753.76	1752.36
43.5	1670.51	1668.96	1667.36	1665.65	1663.99	1662.65	1661.37	1659.95	1658.46	1656.87
44.0	1584.75	1582.89	1580.97	1578.96	1577.03	1575.44	1573.94	1572.33	1570.66	1568.92
44.5	1504.02	1501.97	1499.89	1497.75	1495.72	1494.09	1492.59	1491.02	1489.44	1487.83
45.0	1428.90	1426.75	1424.61	1422.42	1420.37	1418.71	1417.19	1415.64	1414.11	1412.57
45.5	1359.73	1357.65	1355.54	1353.36	1351.25	1349.39	1347.59	1345.74	1343.86	1341.95
46.0	1295.14	1293.11	1291.01	1288.83	1286.64	1284.57	1282.49	1280.32	1278.09	1275.80
46.5	1233.67	1231.44	1229.16	1226.81	1224.48	1222.32	1220.19	1217.99	1215.75	1213.46
47.0	1175.94	1173.49	1171.02	1168.50	1166.05	1163.85	1161.73	1159.58	1157.42	1155.25
47.5	1122.31	1119.83	1117.34	1114.80	1112.34	1110.12	1107.99	1105.84	1103.68	1101.53
48.0	1072.05	1069.60	1067.13	1064.62	1062.19	1059.97	1057.84	1055.68	1053.53	1051.39
48.5	1024.57	1022.12	1019.66	1017.16	1014.73	1012.53	1010.40	1008.26	1006.13	1004.01
49.0	979.82	977.38	974.93	972.45	970.05	967.85	965.74	963.62	961.51	959.42
49.5	937.63	935.24	932.84	930.40	928.03	925.86	923.76	921.65	919.56	917.49
50.0	897.69	895.35	893.00	890.62	888.30	886.16	884.09	882.01	879.95	877.91
50.5	859.59	857.29	854.98	852.65	850.39	848.31	846.30	844.29	842.31	840.35
51.0	823.39	821.15	818.90	816.63	814.44	812.43	810.50	808.57	806.67	804.80
51.5	789.17	787.03	784.88	782.72	780.62	778.67	776.80	774.93	773.08	771.26
52.0	756.56	754.52	752.49	750.44	748.44	746.56	744.74	742.93	741.14	739.38
52.5	725.16	723.20	721.25	719.28	717.35	715.56	713.83	712.11	710.41	708.73
53.0	695.13	693.25	691.37	689.47	687.63	685.93	684.29	682.66	681.05	679.47
53.5	666.59	664.81	663.02	661.23	659.49	657.87	656.31	654.75	653.22	651.70
54.0	639.20	637.52	635.84	634.16	632.51	630.98	629.49	628.01	626.54	625.10
54.5	612.59	611.00	609.41	607.81	606.25	604.80	603.40	602.01	600.64	599.29
55.0	587.01	585.50	584.00	582.49	581.02	579.66	578.35	577.04	575.75	574.49
55.5	562.66	561.26	559.86	558.45	557.08	555.80	554.56	553.33	552.11	550.90
56.0	539.27	537.98	536.68	535.37	534.10	532.90	531.74	530.57	529.41	528.25
56.5	516.62	515.41	514.20	512.98	511.78	510.67	509.59	508.50	507.42	506.33
57.0	494.76	493.63	492.51	491.37	490.26	489.24	488.24	487.23	486.23	485.23
57.5	473.69	472.66	471.64	470.60	469.59	468.66	467.75	466.83	465.90	464.97
58.0	453.41	452.49	451.56	450.62	449.70	448.86	448.03	447.19	446.34	445.47
58.5	433.95	433.11	432.26	431.40	430.56	429.78	429.02	428.23	427.44	426.63
59.0	415.24	414.48	413.70	412.92	412.14	411.43	410.72	410.00	409.25	408.49
59.5	397.21	396.52	395.83	395.12	394.42	393.78	393.16	392.50	391.82	391.12
60.0	379.91	379.30	378.68	378.04	377.42	376.84	376.27	375.67	375.04	374.39
60.5	363.48	362.93	362.37	361.78	361.19	360.62	360.04	359.43	358.79	358.12
61.0	347.64	347.15	346.64	346.12	345.57	345.00	344.40	343.78	343.12	342.42
61.5	332.05	331.64	331.22	330.77	330.29	329.78	329.23	328.64	328.02	327.36
62.0	317.08	316.74	316.38	316.00	315.58	315.13	314.63	314.10	313.53	312.91
62.5	303.09	302.76	302.41	302.04	301.64	301.21	300.75	300.25	299.71	299.12
63.0	289.72	289.38	289.02	288.64	288.23	287.83	287.41	286.94	286.43	285.88
63.5	276.63	276.29	275.93	275.55	275.16	274.80	274.43	274.01	273.56	273.06
64.0	264.07	263.73	263.37	262.98	262.61	262.28	261.96	261.60	261.21	260.78
64.5	252.24	251.87	251.50	251.10	250.72	250.42	250.14	249.82	249.47	249.10
65.0	241.02	240.63	240.24	239.82	239.44	239.16	238.91	238.63	238.32	238.00
65.5	230.43	230.02	229.61	229.18	228.79	228.53	228.31	228.06	227.79	227.51

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**CANDELA TABULATION - (Cont.)**

66.0	220.36	219.95	219.53	219.09	218.71	218.46	218.26	218.04	217.80	217.55
66.5	210.76	210.35	209.94	209.51	209.13	208.90	208.72	208.52	208.31	208.09
67.0	201.59	201.18	200.78	200.36	199.99	199.78	199.62	199.44	199.25	199.05
67.5	192.79	192.40	192.01	191.61	191.26	191.06	190.90	190.73	190.55	190.37
68.0	184.31	183.93	183.56	183.17	182.83	182.64	182.50	182.34	182.17	182.00
68.5	176.02	175.65	175.29	174.91	174.58	174.41	174.28	174.14	173.99	173.84
69.0	167.99	167.64	167.28	166.92	166.61	166.45	166.35	166.23	166.10	165.97
69.5	160.26	159.94	159.62	159.28	159.00	158.88	158.81	158.71	158.62	158.51
70.0	152.79	152.50	152.21	151.90	151.65	151.56	151.51	151.44	151.36	151.28
70.5	145.55	145.26	144.97	144.67	144.42	144.33	144.30	144.24	144.18	144.10
71.0	138.57	138.28	137.98	137.67	137.42	137.33	137.30	137.25	137.19	137.13
71.5	131.89	131.59	131.30	130.99	130.74	130.65	130.62	130.57	130.51	130.44
72.0	125.47	125.18	124.89	124.59	124.34	124.25	124.21	124.16	124.10	124.03
72.5	119.33	119.04	118.76	118.46	118.21	118.12	118.08	118.02	117.96	117.89
73.0	113.43	113.15	112.87	112.58	112.34	112.24	112.20	112.13	112.07	111.99
73.5	107.77	107.50	107.22	106.93	106.69	106.59	106.54	106.46	106.39	106.31
74.0	102.31	102.04	101.77	101.48	101.25	101.14	101.08	101.01	100.93	100.84
74.5	97.01	96.75	96.49	96.21	95.98	95.88	95.83	95.76	95.69	95.61
75.0	91.88	91.63	91.38	91.11	90.89	90.81	90.76	90.70	90.64	90.57
75.5	86.94	86.70	86.46	86.21	86.00	85.92	85.88	85.83	85.78	85.72
76.0	82.15	81.92	81.69	81.45	81.25	81.18	81.15	81.11	81.06	81.01
76.5	77.47	77.25	77.02	76.79	76.60	76.54	76.53	76.50	76.47	76.44
77.0	72.92	72.70	72.49	72.26	72.09	72.04	72.04	72.02	72.01	71.99
77.5	68.52	68.32	68.12	67.91	67.74	67.70	67.70	67.69	67.67	67.66
78.0	64.22	64.03	63.85	63.66	63.51	63.47	63.47	63.45	63.44	63.43
78.5	59.98	59.80	59.63	59.45	59.31	59.28	59.29	59.28	59.28	59.27
79.0	55.82	55.65	55.49	55.32	55.19	55.17	55.18	55.19	55.19	55.20
79.5	51.78	51.62	51.47	51.31	51.19	51.17	51.19	51.20	51.20	51.21
80.0	47.79	47.65	47.50	47.35	47.24	47.22	47.24	47.25	47.26	47.27
80.5	43.80	43.66	43.52	43.37	43.26	43.25	43.28	43.29	43.31	43.32
81.0	39.82	39.68	39.55	39.41	39.31	39.30	39.33	39.35	39.38	39.40
81.5	35.85	35.72	35.59	35.46	35.36	35.37	35.41	35.44	35.47	35.51
82.0	31.92	31.80	31.68	31.56	31.47	31.49	31.54	31.58	31.62	31.67
82.5	28.06	27.96	27.86	27.76	27.69	27.71	27.77	27.81	27.86	27.91
83.0	24.27	24.20	24.13	24.05	24.00	24.03	24.08	24.13	24.18	24.23
83.5	20.55	20.50	20.46	20.40	20.37	20.41	20.47	20.51	20.56	20.61
84.0	16.96	16.94	16.92	16.89	16.88	16.92	16.98	17.02	17.07	17.11
84.5	13.51	13.52	13.52	13.52	13.53	13.57	13.61	13.64	13.68	13.71
85.0	10.36	10.39	10.42	10.45	10.48	10.51	10.54	10.57	10.59	10.61
85.5	7.64	7.70	7.77	7.83	7.88	7.93	7.97	8.01	8.04	8.07
86.0	5.39	5.47	5.56	5.64	5.71	5.77	5.82	5.87	5.91	5.95
86.5	3.69	3.78	3.85	3.93	4.00	4.05	4.09	4.12	4.15	4.18
87.0	2.50	2.56	2.62	2.68	2.73	2.76	2.78	2.81	2.82	2.83
87.5	1.85	1.88	1.91	1.95	1.97	1.99	2.00	2.01	2.02	2.03
88.0	1.53	1.54	1.55	1.56	1.56	1.57	1.58	1.58	1.58	1.59
88.5	1.38	1.38	1.38	1.39	1.39	1.39	1.40	1.40	1.40	1.41
89.0	1.35	1.35	1.35	1.36	1.36	1.36	1.37	1.37	1.37	1.38
89.5	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.34	1.34
90.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.83	23522.88	23522.92	23522.95	23522.99	23523.03	23523.04	23523.03	23522.99	23522.95
1.0	23524.20	23524.27	23524.34	23524.41	23524.47	23524.54	23524.56	23524.54	23524.47	23524.41

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**CANDELA TABULATION - (Cont.)**

1.5	23526.12	23526.20	23526.28	23526.36	23526.42	23526.49	23526.52	23526.49	23526.42	23526.36
2.0	23527.48	23527.58	23527.69	23527.78	23527.87	23527.96	23527.99	23527.96	23527.87	23527.78
2.5	23527.49	23527.67	23527.85	23528.01	23528.16	23528.32	23528.39	23528.32	23528.16	23528.01
3.0	23525.55	23525.84	23526.13	23526.41	23526.66	23526.93	23527.06	23526.93	23526.66	23526.41
3.5	23520.98	23521.45	23521.91	23522.35	23522.77	23523.20	23523.47	23523.20	23522.77	23522.35
4.0	23513.18	23513.83	23514.46	23515.07	23515.65	23516.24	23516.64	23516.24	23515.65	23515.07
4.5	23501.41	23502.19	23502.94	23503.65	23504.31	23504.98	23505.41	23504.98	23504.31	23503.65
5.0	23485.41	23486.29	23487.13	23487.91	23488.61	23489.31	23489.72	23489.31	23488.61	23487.91
5.5	23464.76	23465.72	23466.61	23467.41	23468.11	23468.80	23469.13	23468.80	23468.11	23467.41
6.0	23439.21	23440.24	23441.18	23442.01	23442.71	23443.38	23443.63	23443.38	23442.71	23442.01
6.5	23408.44	23409.57	23410.60	23411.50	23412.26	23412.97	23413.23	23412.97	23412.26	23411.50
7.0	23372.25	23373.48	23374.60	23375.59	23376.42	23377.20	23377.50	23377.20	23376.42	23375.59
7.5	23330.61	23331.95	23333.18	23334.26	23335.18	23336.05	23336.41	23336.05	23335.18	23334.26
8.0	23282.61	23284.01	23285.29	23286.42	23287.38	23288.30	23288.68	23288.30	23287.38	23286.42
8.5	23227.55	23228.88	23230.07	23231.11	23231.96	23232.78	23233.02	23232.78	23231.96	23231.11
9.0	23164.71	23165.93	23167.00	23167.91	23168.62	23169.27	23169.34	23169.27	23168.62	23167.91
9.5	23093.45	23094.59	23095.58	23096.39	23096.98	23097.52	23097.40	23097.52	23096.98	23096.39
10.0	23012.88	23013.98	23014.91	23015.63	23016.12	23016.54	23016.23	23016.54	23016.12	23015.63
10.5	22922.11	22923.21	22924.12	22924.79	22925.18	22925.50	22924.98	22925.50	22925.18	22924.79
11.0	22820.60	22821.71	22822.60	22823.22	22823.53	22823.75	22823.05	22823.75	22823.53	22823.22
11.5	22707.88	22708.96	22709.80	22710.36	22710.59	22710.71	22709.86	22710.71	22710.59	22710.36
12.0	22582.81	22583.88	22584.68	22585.19	22585.35	22585.39	22584.41	22585.39	22585.35	22585.19
12.5	22444.30	22445.41	22446.26	22446.79	22446.95	22446.98	22445.94	22446.98	22446.95	22446.79
13.0	22291.82	22292.94	22293.78	22294.29	22294.40	22294.39	22293.23	22294.39	22294.40	22294.29
13.5	22124.79	22125.74	22126.39	22126.68	22126.55	22126.30	22124.82	22126.30	22126.55	22126.68
14.0	21942.27	21943.00	21943.42	21943.46	21943.05	21942.51	21940.69	21942.51	21943.05	21943.46
14.5	21742.96	21743.57	21743.86	21743.77	21743.23	21742.57	21740.57	21742.57	21743.23	21743.77
15.0	21527.42	21527.82	21527.91	21527.62	21526.88	21526.02	21523.77	21526.02	21526.88	21527.62
15.5	21296.20	21296.13	21295.73	21294.94	21293.69	21292.32	21289.54	21292.32	21293.69	21294.94
16.0	21048.09	21047.44	21046.47	21045.10	21043.27	21041.31	21037.91	21041.31	21043.27	21045.10
16.5	20781.83	20780.68	20779.22	20777.36	20775.05	20772.62	20768.74	20772.62	20775.05	20777.36
17.0	20498.08	20496.36	20494.35	20491.96	20489.13	20486.22	20481.84	20486.22	20489.13	20491.96
17.5	20196.86	20194.38	20191.64	20188.56	20185.07	20181.53	20176.56	20181.53	20185.07	20188.56
18.0	19878.84	19875.53	19872.00	19868.17	19863.98	19859.77	19854.19	19859.77	19863.98	19868.17
18.5	19544.69	19540.57	19536.27	19531.72	19526.84	19521.99	19515.84	19521.99	19526.84	19531.72
19.0	19194.49	19189.54	19184.46	19179.17	19173.61	19168.12	19161.39	19168.12	19173.61	19179.17
19.5	18827.94	18822.10	18816.18	18810.11	18803.84	18797.69	18790.39	18797.69	18803.84	18810.11
20.0	18446.84	18440.15	18433.43	18426.62	18419.66	18412.88	18405.02	18412.88	18419.66	18426.62
20.5	18053.14	18045.79	18038.45	18031.05	18023.53	18016.22	18007.83	18016.22	18023.53	18031.05
21.0	17646.13	17638.13	17630.17	17622.17	17614.06	17606.20	17597.23	17606.20	17614.06	17622.17
21.5	17224.95	17216.05	17207.20	17198.34	17189.40	17180.72	17171.00	17180.72	17189.40	17198.34
22.0	16792.02	16782.33	16772.71	16763.10	16753.43	16744.04	16733.63	16744.04	16753.43	16763.10
22.5	16349.39	16339.48	16329.67	16319.87	16310.02	16300.48	16289.86	16300.48	16310.02	16319.87
23.0	15897.29	15887.23	15877.27	15867.33	15857.32	15847.65	15836.83	15847.65	15857.32	15867.33
23.5	15436.59	15425.89	15415.27	15404.65	15393.96	15383.57	15372.09	15383.57	15393.96	15404.65
24.0	14967.38	14956.15	14944.95	14933.71	14922.38	14911.29	14899.16	14911.29	14922.38	14933.71
24.5	14489.28	14478.18	14467.06	14455.85	14444.47	14433.29	14420.91	14433.29	14444.47	14455.85
25.0	14004.55	13993.74	13982.84	13971.78	13960.46	13949.31	13936.76	13949.31	13960.46	13971.78
25.5	13515.27	13504.48	13493.53	13482.34	13470.82	13459.39	13446.51	13459.39	13470.82	13482.34
26.0	13021.60	13010.85	12999.85	12988.54	12976.83	12965.12	12951.90	12965.12	12976.83	12988.54
26.5	12523.82	12513.30	12502.45	12491.18	12479.41	12467.56	12454.09	12467.56	12479.41	12491.18
27.0	12023.60	12013.46	12002.88	11991.79	11980.12	11968.25	11954.66	11968.25	11980.12	11991.79
27.5	11522.14	11512.59	11502.51	11491.83	11480.46	11468.81	11455.34	11468.81	11480.46	11491.83
28.0	11021.05	11012.14	11002.62	10992.41	10981.43	10970.09	10956.84	10970.09	10981.43	10992.41
28.5	10521.43	10513.04	10503.98	10494.16	10483.50	10472.41	10459.41	10472.41	10483.50	10494.16
29.0	10025.92	10018.07	10009.47	10000.06	9989.75	9978.92	9966.17	9978.92	9989.75	10000.06

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**CANDELA TABULATION - (Cont.)**

29.5	9537.63	9530.47	9522.48	9513.59	9503.71	9493.24	9480.73	9493.24	9503.71	9513.59
30.0	9056.27	9049.76	9042.33	9033.90	9024.41	9014.24	9001.92	9014.24	9024.41	9033.90
30.5	8581.71	8575.53	8568.36	8560.11	8550.73	8540.58	8528.27	8540.58	8550.73	8560.11
31.0	8116.58	8110.75	8103.86	8095.85	8086.64	8076.59	8064.39	8076.59	8086.64	8095.85
31.5	7662.86	7657.74	7651.54	7644.18	7635.61	7626.16	7614.56	7626.16	7635.61	7644.18
32.0	7222.33	7217.97	7212.52	7205.89	7198.04	7189.30	7178.38	7189.30	7198.04	7205.89
32.5	6797.33	6793.58	6788.70	6782.62	6775.27	6767.01	6756.52	6767.01	6775.27	6782.62
33.0	6388.13	6384.89	6380.50	6374.89	6367.98	6360.13	6350.03	6360.13	6367.98	6374.89
33.5	5995.57	5992.72	5988.73	5983.52	5977.04	5969.61	5960.00	5969.61	5977.04	5983.52
34.0	5620.33	5617.79	5614.12	5609.27	5603.18	5596.14	5587.05	5596.14	5603.18	5609.27
34.5	5262.68	5260.32	5256.87	5252.26	5246.45	5239.70	5231.01	5239.70	5246.45	5252.26
35.0	4924.71	4922.63	4919.49	4915.23	4909.80	4903.46	4895.26	4903.46	4909.80	4915.23
35.5	4611.20	4609.91	4607.59	4604.18	4599.64	4594.22	4586.95	4594.22	4599.64	4604.18
36.0	4314.42	4313.77	4312.12	4309.45	4305.68	4301.09	4294.69	4301.09	4305.68	4309.45
36.5	4024.73	4023.81	4022.01	4019.25	4015.52	4011.02	4004.94	4011.02	4015.52	4019.25
37.0	3752.58	3751.16	3748.94	3745.87	3741.93	3737.29	3731.29	3737.29	3741.93	3745.87
37.5	3508.55	3506.77	3504.22	3500.88	3496.72	3491.89	3485.82	3491.89	3496.72	3500.88
38.0	3282.66	3280.70	3278.02	3274.60	3270.41	3265.58	3259.61	3265.58	3270.41	3274.60
38.5	3066.64	3065.02	3062.78	3059.90	3056.35	3052.25	3047.15	3052.25	3056.35	3059.90
39.0	2865.94	2864.71	2862.96	2860.66	2857.79	2854.47	2850.28	2854.47	2857.79	2860.66
39.5	2684.94	2683.67	2681.94	2679.71	2676.98	2673.84	2669.91	2673.84	2676.98	2679.71
40.0	2518.60	2517.18	2515.34	2513.05	2510.30	2507.19	2503.36	2507.19	2510.30	2513.05
40.5	2362.92	2361.39	2359.50	2357.22	2354.55	2351.56	2347.95	2351.56	2354.55	2357.22
41.0	2219.21	2217.59	2215.66	2213.41	2210.83	2207.98	2204.60	2207.98	2210.83	2213.41
41.5	2088.23	2086.59	2084.68	2082.51	2080.05	2077.37	2074.23	2077.37	2080.05	2082.51
42.0	1967.59	1965.93	1964.07	1961.97	1959.63	1957.12	1954.19	1957.12	1959.63	1961.97
42.5	1854.96	1853.31	1851.47	1849.43	1847.18	1844.79	1841.99	1844.79	1847.18	1849.43
43.0	1750.83	1749.15	1747.31	1745.29	1743.08	1740.76	1738.05	1740.76	1743.08	1745.29
43.5	1655.16	1653.34	1651.38	1649.26	1646.99	1644.63	1641.91	1644.63	1646.99	1649.26
44.0	1567.09	1565.17	1563.14	1561.00	1558.72	1556.38	1553.74	1556.38	1558.72	1561.00
44.5	1486.18	1484.49	1482.75	1480.94	1479.06	1477.16	1475.05	1477.16	1479.06	1480.94
45.0	1411.04	1409.50	1407.94	1406.36	1404.74	1403.14	1401.39	1403.14	1404.74	1406.36
45.5	1340.00	1338.01	1335.97	1333.88	1331.73	1329.55	1327.22	1329.55	1331.73	1333.88
46.0	1273.42	1270.97	1268.44	1265.81	1263.10	1260.32	1257.37	1260.32	1263.10	1265.81
46.5	1211.13	1208.75	1206.31	1203.81	1201.25	1198.65	1195.93	1198.65	1201.25	1203.81
47.0	1153.07	1150.88	1148.67	1146.44	1144.18	1141.92	1139.59	1141.92	1144.18	1146.44
47.5	1099.39	1097.24	1095.08	1092.92	1090.75	1088.59	1086.38	1088.59	1090.75	1092.92
48.0	1049.26	1047.13	1045.00	1042.87	1040.74	1038.62	1036.47	1038.62	1040.74	1042.87
48.5	1001.90	999.80	997.71	995.63	993.55	991.49	989.41	991.49	993.55	995.63
49.0	957.34	955.27	953.22	951.18	949.15	947.14	945.12	947.14	949.15	951.18
49.5	915.43	913.39	911.37	909.36	907.37	905.40	903.44	905.40	907.37	909.36
50.0	875.89	873.90	871.92	869.96	868.02	866.11	864.22	866.11	868.02	869.96
50.5	838.42	836.51	834.62	832.77	830.93	829.13	827.34	829.13	830.93	832.77
51.0	802.96	801.14	799.36	797.60	795.87	794.18	792.51	794.18	795.87	797.60
51.5	769.47	767.72	765.99	764.29	762.62	760.99	759.39	760.99	762.62	764.29
52.0	737.64	735.94	734.26	732.62	731.01	729.43	727.89	729.43	731.01	732.62
52.5	707.08	705.46	703.87	702.31	700.78	699.28	697.82	699.28	700.78	702.31
53.0	677.91	676.38	674.88	673.40	671.95	670.53	669.15	670.53	671.95	673.40
53.5	650.22	648.75	647.31	645.90	644.51	643.15	641.82	643.15	644.51	645.90
54.0	623.68	622.29	620.91	619.56	618.23	616.93	615.65	616.93	618.23	619.56
54.5	597.95	596.65	595.36	594.09	592.85	591.63	590.43	591.63	592.85	594.09
55.0	573.24	572.01	570.80	569.61	568.44	567.29	566.16	567.29	568.44	569.61
55.5	549.70	548.51	547.34	546.17	545.02	543.89	542.75	543.89	545.02	546.17
56.0	527.10	525.96	524.81	523.67	522.53	521.40	520.25	521.40	522.53	523.67
56.5	505.25	504.18	503.09	502.01	500.93	499.84	498.74	499.84	500.93	502.01
57.0	484.22	483.21	482.20	481.18	480.15	479.12	478.06	479.12	480.15	481.18

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**CANDELA TABULATION - (Cont.)**

57.5	464.03	463.08	462.12	461.14	460.15	459.15	458.10	459.15	460.15	461.14
58.0	444.59	443.70	442.78	441.84	440.87	439.89	438.84	439.89	440.87	441.84
58.5	425.79	424.94	424.06	423.15	422.20	421.24	420.20	421.24	422.20	423.15
59.0	407.70	406.88	406.04	405.15	404.23	403.29	402.26	403.29	404.23	405.15
59.5	390.39	389.63	388.83	387.98	387.09	386.18	385.16	386.18	387.09	387.98
60.0	373.70	372.97	372.20	371.38	370.51	369.61	368.60	369.61	370.51	371.38
60.5	357.41	356.66	355.87	355.03	354.13	353.21	352.18	353.21	354.13	355.03
61.0	341.69	340.91	340.09	339.22	338.31	337.35	336.31	337.35	338.31	339.22
61.5	326.65	325.89	325.09	324.23	323.32	322.36	321.31	322.36	323.32	324.23
62.0	312.24	311.52	310.74	309.91	309.01	308.07	307.01	308.07	309.01	309.91
62.5	298.47	297.78	297.02	296.20	295.31	294.38	293.32	294.38	295.31	296.20
63.0	285.27	284.61	283.88	283.09	282.23	281.33	280.29	281.33	282.23	283.09
63.5	272.52	271.92	271.26	270.54	269.75	268.92	267.95	268.92	269.75	270.54
64.0	260.30	259.78	259.20	258.56	257.86	257.12	256.24	257.12	257.86	258.56
64.5	248.68	248.23	247.73	247.17	246.56	245.91	245.14	245.91	246.56	247.17
65.0	237.64	237.25	236.82	236.34	235.81	235.26	234.59	235.26	235.81	236.34
65.5	227.20	226.86	226.49	226.07	225.62	225.14	224.54	225.14	225.62	226.07
66.0	217.28	216.99	216.66	216.30	215.90	215.49	214.95	215.49	215.90	216.30
66.5	207.85	207.60	207.31	206.99	206.64	206.27	205.80	206.27	206.64	206.99
67.0	198.84	198.61	198.35	198.07	197.75	197.42	196.99	197.42	197.75	198.07
67.5	190.17	189.95	189.71	189.45	189.15	188.84	188.43	188.84	189.15	189.45
68.0	181.81	181.60	181.37	181.12	180.83	180.53	180.14	180.53	180.83	181.12
68.5	173.67	173.48	173.27	173.03	172.76	172.48	172.10	172.48	172.76	173.03
69.0	165.82	165.66	165.47	165.25	164.99	164.73	164.36	164.73	164.99	165.25
69.5	158.38	158.24	158.06	157.86	157.62	157.37	157.02	157.37	157.62	157.86
70.0	151.17	151.04	150.89	150.70	150.48	150.24	149.89	150.24	150.48	150.70
70.5	144.01	143.90	143.76	143.58	143.37	143.14	142.81	143.14	143.37	143.58
71.0	137.04	136.94	136.81	136.64	136.44	136.23	135.90	136.23	136.44	136.64
71.5	130.36	130.26	130.14	129.98	129.79	129.58	129.27	129.58	129.79	129.98
72.0	123.94	123.84	123.72	123.57	123.38	123.18	122.89	123.18	123.38	123.57
72.5	117.80	117.70	117.58	117.42	117.24	117.05	116.76	117.05	117.24	117.42
73.0	111.90	111.80	111.67	111.52	111.34	111.15	110.86	111.15	111.34	111.52
73.5	106.21	106.10	105.97	105.82	105.64	105.45	105.17	105.45	105.64	105.82
74.0	100.75	100.63	100.50	100.35	100.17	99.98	99.71	99.98	100.17	100.35
74.5	95.52	95.41	95.29	95.14	94.97	94.79	94.53	94.79	94.97	95.14
75.0	90.49	90.40	90.29	90.15	89.99	89.82	89.57	89.82	89.99	90.15
75.5	85.65	85.56	85.46	85.34	85.20	85.05	84.82	85.05	85.20	85.34
76.0	80.96	80.89	80.80	80.70	80.57	80.44	80.24	80.44	80.57	80.70
76.5	76.40	76.35	76.29	76.21	76.10	76.00	75.82	76.00	76.10	76.21
77.0	71.97	71.94	71.89	71.83	71.74	71.66	71.50	71.66	71.74	71.83
77.5	67.64	67.61	67.57	67.51	67.43	67.35	67.20	67.35	67.43	67.51
78.0	63.41	63.38	63.34	63.28	63.21	63.13	62.99	63.13	63.21	63.28
78.5	59.26	59.24	59.21	59.17	59.10	59.03	58.90	59.03	59.10	59.17
79.0	55.20	55.19	55.17	55.13	55.08	55.02	54.90	55.02	55.08	55.13
79.5	51.21	51.21	51.19	51.15	51.11	51.05	50.94	51.05	51.11	51.15
80.0	47.27	47.27	47.25	47.22	47.18	47.13	47.03	47.13	47.18	47.22
80.5	43.33	43.33	43.33	43.31	43.27	43.23	43.14	43.23	43.27	43.31
81.0	39.42	39.43	39.43	39.42	39.40	39.37	39.29	39.37	39.40	39.42
81.5	35.54	35.56	35.57	35.58	35.56	35.55	35.49	35.55	35.56	35.58
82.0	31.71	31.74	31.76	31.78	31.78	31.78	31.72	31.78	31.78	31.78
82.5	27.95	27.99	28.02	28.04	28.04	28.05	28.00	28.05	28.04	28.04
83.0	24.27	24.31	24.34	24.36	24.37	24.38	24.34	24.38	24.37	24.36
83.5	20.66	20.69	20.73	20.75	20.76	20.77	20.75	20.77	20.76	20.75
84.0	17.15	17.19	17.21	17.24	17.25	17.26	17.24	17.26	17.25	17.24
84.5	13.73	13.76	13.77	13.78	13.78	13.78	13.76	13.78	13.78	13.78
85.0	10.63	10.64	10.64	10.64	10.63	10.62	10.60	10.62	10.63	10.64

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**CANDELA TABULATION - (Cont.)**

85.5	8.09	8.10	8.11	8.12	8.12	8.11	8.09	8.11	8.12	8.12
86.0	5.97	6.00	6.01	6.02	6.02	6.02	6.01	6.02	6.02	6.02
86.5	4.19	4.21	4.21	4.21	4.21	4.19	4.17	4.19	4.21	4.21
87.0	2.84	2.84	2.83	2.82	2.81	2.79	2.77	2.79	2.81	2.82
87.5	2.03	2.03	2.03	2.02	2.01	2.00	1.98	2.00	2.01	2.02
88.0	1.59	1.59	1.59	1.59	1.59	1.58	1.58	1.58	1.59	1.59
88.5	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41
89.0	1.38	1.38	1.38	1.39	1.39	1.39	1.39	1.39	1.39	1.39
89.5	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
90.0	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.35	1.35	1.35

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.92	23522.88	23522.83	23522.78	23522.74	23522.69	23522.65	23522.61	23522.58	23522.58
1.0	23524.34	23524.27	23524.20	23524.12	23524.04	23523.96	23523.89	23523.82	23523.78	23523.80
1.5	23526.28	23526.20	23526.12	23526.03	23525.95	23525.87	23525.80	23525.73	23525.70	23525.78
2.0	23527.69	23527.58	23527.48	23527.38	23527.27	23527.18	23527.11	23527.02	23527.00	23527.13
2.5	23527.85	23527.67	23527.49	23527.31	23527.14	23526.99	23526.85	23526.71	23526.66	23526.84
3.0	23526.13	23525.84	23525.55	23525.26	23524.97	23524.71	23524.47	23524.23	23524.11	23524.30
3.5	23521.91	23521.45	23520.98	23520.51	23520.06	23519.62	23519.22	23518.82	23518.56	23518.67
4.0	23514.46	23513.83	23513.18	23512.53	23511.89	23511.27	23510.69	23510.10	23509.67	23509.66
4.5	23502.94	23502.19	23501.41	23500.62	23499.83	23499.05	23498.31	23497.54	23496.96	23496.81
5.0	23487.13	23486.29	23485.41	23484.50	23483.58	23482.66	23481.75	23480.82	23480.07	23479.78
5.5	23466.61	23465.72	23464.76	23463.75	23462.71	23461.65	23460.60	23459.51	23458.59	23458.13
6.0	23441.18	23440.24	23439.21	23438.11	23436.95	23435.77	23434.58	23433.34	23432.27	23431.67
6.5	23410.60	23409.57	23408.44	23407.23	23405.96	23404.66	23403.35	23401.97	23400.78	23400.11
7.0	23374.60	23373.48	23372.25	23370.93	23369.55	23368.14	23366.71	23365.22	23363.93	23363.20
7.5	23333.18	23331.95	23330.61	23329.19	23327.70	23326.17	23324.64	23323.03	23321.64	23320.84
8.0	23285.29	23284.01	23282.61	23281.12	23279.57	23277.98	23276.38	23274.71	23273.25	23272.41
8.5	23230.07	23228.88	23227.55	23226.13	23224.63	23223.09	23221.53	23219.89	23218.47	23217.65
9.0	23167.00	23165.93	23164.71	23163.39	23161.98	23160.52	23159.03	23157.46	23156.11	23155.38
9.5	23095.58	23094.59	23093.45	23092.18	23090.83	23089.42	23087.98	23086.45	23085.18	23084.66
10.0	23014.91	23013.98	23012.88	23011.65	23010.32	23008.93	23007.52	23005.99	23004.78	23004.46
10.5	22924.12	22923.21	22922.11	22920.86	22919.49	22918.05	22916.58	22914.98	22913.72	22913.46
11.0	22822.60	22821.71	22820.60	22819.32	22817.90	22816.39	22814.85	22813.16	22811.83	22811.57
11.5	22709.80	22708.96	22707.88	22706.60	22705.18	22703.66	22702.09	22700.35	22698.98	22698.72
12.0	22584.68	22583.88	22582.81	22581.54	22580.11	22578.58	22576.98	22575.21	22573.82	22573.57
12.5	22446.26	22445.41	22444.30	22442.97	22441.48	22439.88	22438.21	22436.36	22434.94	22434.76
13.0	22293.78	22292.94	22291.82	22290.47	22288.96	22287.33	22285.64	22283.76	22282.34	22282.28
13.5	22126.39	22125.74	22124.79	22123.59	22122.21	22120.70	22119.13	22117.34	22116.02	22116.11
14.0	21943.42	21943.00	21942.27	21941.27	21940.08	21938.76	21937.36	21935.74	21934.61	21934.93
14.5	21743.86	21743.57	21742.96	21742.09	21741.04	21739.87	21738.64	21737.17	21736.27	21737.02
15.0	21527.91	21527.82	21527.42	21526.77	21525.95	21525.02	21524.04	21522.83	21522.25	21523.51
15.5	21295.73	21296.13	21296.20	21296.03	21295.66	21295.19	21294.67	21293.91	21293.79	21295.55
16.0	21046.47	21047.44	21048.09	21048.47	21048.67	21048.75	21048.79	21048.58	21049.02	21051.37
16.5	20779.22	20780.68	20781.83	20782.72	20783.44	20784.06	20784.66	20785.00	20786.05	20789.13
17.0	20494.35	20496.36	20498.08	20499.56	20500.90	20502.15	20503.41	20504.42	20506.22	20510.19
17.5	20191.64	20194.38	20196.86	20199.14	20201.30	20203.42	20205.57	20207.49	20210.27	20215.38
18.0	19872.00	19875.53	19878.84	19882.00	19885.08	19888.15	19891.29	19894.21	19898.60	19904.42
18.5	19536.27	19540.57	19544.69	19548.70	19552.67	19556.67	19560.78	19564.69	19569.60	19577.13
19.0	19184.46	19189.54	19194.49	19199.37	19204.26	19209.22	19214.33	19219.27	19225.28	19234.03
19.5	18816.18	18822.10	18827.94	18833.77	18839.66	18845.69	18851.90	18857.98	18865.19	18875.31
20.0	18433.43	18440.15	18446.84	18453.58	18460.43	18467.46	18474.73	18481.89	18490.28	18501.74
20.5	18038.45	18045.79	18053.14	18060.57	18068.14	18075.93	18084.01	18091.98	18101.31	18113.98

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**CANDELA TABULATION - (Cont.)**

21.0	17630.17	17638.13	17646.13	17654.22	17662.50	17671.02	17679.87	17688.62	17698.82	17712.60
21.5	17207.20	17216.05	17224.95	17233.98	17243.20	17252.70	17262.53	17272.28	17283.51	17298.34
22.0	16772.71	16782.33	16792.02	16801.86	16811.91	16822.25	16832.94	16843.56	16855.67	16871.43
22.5	16329.67	16339.48	16349.39	16359.46	16369.78	16380.41	16391.43	16402.38	16414.94	16431.45
23.0	15877.27	15887.23	15897.29	15907.51	15918.00	15928.81	15940.03	15951.17	15964.02	15981.01
23.5	15415.27	15425.89	15436.59	15447.43	15458.49	15469.84	15481.56	15493.19	15506.38	15523.39
24.0	14944.95	14956.15	14967.38	14978.72	14990.22	15001.97	15014.02	15025.96	15039.31	15056.11
24.5	14467.06	14478.18	14489.28	14500.43	14511.71	14523.19	14534.95	14546.57	14559.61	14576.21
25.0	13982.84	13993.74	14004.55	14015.35	14026.23	14037.26	14048.54	14059.63	14072.16	14088.39
25.5	13493.53	13504.48	13515.27	13525.99	13536.70	13547.50	13558.47	13569.21	13581.25	13596.74
26.0	12999.85	13010.85	13021.60	13032.19	13042.70	13053.21	13063.80	13074.09	13085.53	13100.06
26.5	12502.45	12513.30	12523.82	12534.09	12544.18	12554.17	12564.15	12573.78	12584.41	12597.87
27.0	12002.88	12013.46	12023.60	12033.38	12042.90	12052.23	12061.45	12070.26	12079.92	12092.13
27.5	11502.51	11512.59	11522.14	11531.26	11540.01	11548.48	11556.76	11564.57	11573.06	11583.81
28.0	11002.62	11012.14	11021.05	11029.44	11037.38	11044.95	11052.24	11059.02	11066.32	11075.52
28.5	10503.98	10513.04	10521.43	10529.22	10536.48	10543.30	10549.76	10555.67	10561.89	10569.60
29.0	10009.47	10018.07	10025.92	10033.10	10039.68	10045.73	10051.34	10056.37	10061.52	10067.77
29.5	9522.48	9530.47	9537.63	9544.03	9549.75	9554.86	9559.45	9563.40	9567.36	9572.17
30.0	9042.33	9049.76	9056.27	9061.94	9066.84	9071.06	9074.68	9077.60	9080.39	9083.81
30.5	8568.36	8575.53	8581.71	8586.96	8591.37	8595.00	8597.92	8600.12	8601.96	8603.97
31.0	8103.86	8110.75	8116.58	8121.42	8125.34	8128.40	8130.69	8132.21	8133.19	8133.89
31.5	7651.54	7657.74	7662.86	7666.97	7670.13	7672.41	7673.88	7674.57	7674.65	7674.29
32.0	7212.52	7217.97	7222.33	7225.67	7228.03	7229.51	7230.16	7230.03	7229.26	7227.97
32.5	6788.70	6793.58	6797.33	6800.02	6801.71	6802.49	6802.41	6801.54	6799.98	6797.81
33.0	6380.50	6384.89	6388.13	6390.28	6391.41	6391.60	6390.91	6389.43	6387.20	6384.24
33.5	5988.73	5992.72	5995.57	5997.33	5998.08	5997.88	5996.79	5994.91	5992.21	5988.58
34.0	5614.12	5617.79	5620.33	5621.81	5622.28	5621.80	5620.43	5618.30	5615.26	5611.08
34.5	5256.87	5260.32	5262.68	5263.98	5264.30	5263.68	5262.17	5259.92	5256.71	5252.21
35.0	4919.49	4922.63	4924.71	4925.76	4925.85	4925.03	4923.33	4920.92	4917.54	4912.78
35.5	4607.59	4609.91	4611.20	4611.51	4610.88	4609.38	4607.04	4604.03	4600.10	4594.94
36.0	4312.12	4313.77	4314.42	4314.14	4312.98	4310.99	4308.22	4304.81	4300.56	4295.21
36.5	4022.01	4023.81	4024.73	4024.78	4024.03	4022.51	4020.26	4017.44	4013.78	4008.86
37.0	3748.94	3751.16	3752.58	3753.22	3753.11	3752.30	3750.82	3748.82	3745.97	3741.75
37.5	3504.22	3506.77	3508.55	3509.59	3509.93	3509.59	3508.61	3507.12	3504.82	3501.31
38.0	3278.02	3280.70	3282.66	3283.93	3284.53	3284.50	3283.85	3282.70	3280.83	3277.97
38.5	3062.78	3065.02	3066.64	3067.66	3068.11	3068.00	3067.37	3066.30	3064.63	3062.12
39.0	2862.96	2864.71	2865.94	2866.67	2866.92	2866.70	2866.06	2865.04	2863.53	2861.34
39.5	2681.94	2683.67	2684.94	2685.76	2686.14	2686.12	2685.72	2684.98	2683.82	2682.08
40.0	2515.34	2517.18	2518.60	2519.61	2520.24	2520.50	2520.41	2520.02	2519.26	2518.02
40.5	2359.50	2361.39	2362.92	2364.10	2364.95	2365.48	2365.71	2365.68	2365.34	2364.63
41.0	2215.66	2217.59	2219.21	2220.54	2221.58	2222.36	2222.89	2223.19	2223.25	2223.06
41.5	2084.68	2086.59	2088.23	2089.63	2090.80	2091.75	2092.49	2093.03	2093.40	2093.63
42.0	1964.07	1965.93	1967.59	1969.03	1970.29	1971.36	1972.27	1973.00	1973.63	1974.23
42.5	1851.47	1853.31	1854.96	1856.44	1857.76	1858.93	1859.97	1860.85	1861.69	1862.65
43.0	1747.31	1749.15	1750.83	1752.36	1753.76	1755.04	1756.21	1757.24	1758.30	1759.60
43.5	1651.38	1653.34	1655.16	1656.87	1658.46	1659.95	1661.37	1662.65	1663.99	1665.65
44.0	1563.14	1565.17	1567.09	1568.92	1570.66	1572.33	1573.94	1575.44	1577.03	1578.96
44.5	1482.75	1484.49	1486.18	1487.83	1489.44	1491.02	1492.59	1494.09	1495.72	1497.75
45.0	1407.94	1409.50	1411.04	1412.57	1414.11	1415.64	1417.19	1418.71	1420.37	1422.42
45.5	1335.97	1338.01	1340.00	1341.95	1343.86	1345.74	1347.59	1349.39	1351.25	1353.36
46.0	1268.44	1270.97	1273.42	1275.80	1278.09	1280.32	1282.49	1284.57	1286.64	1288.83
46.5	1206.31	1208.75	1211.13	1213.46	1215.75	1217.99	1220.19	1222.32	1224.48	1226.81
47.0	1148.67	1150.88	1153.07	1155.25	1157.42	1159.58	1161.73	1163.85	1166.05	1168.50
47.5	1095.08	1097.24	1099.39	1101.53	1103.68	1105.84	1107.99	1110.12	1112.34	1114.80
48.0	1045.00	1047.13	1049.26	1051.39	1053.53	1055.68	1057.84	1059.97	1062.19	1064.62
48.5	997.71	999.80	1001.90	1004.01	1006.13	1008.26	1010.40	1012.53	1014.73	1017.16



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**CANDELA TABULATION - (Cont.)**

49.0	953.22	955.27	957.34	959.42	961.51	963.62	965.74	967.85	970.05	972.45
49.5	911.37	913.39	915.43	917.49	919.56	921.65	923.76	925.86	928.03	930.40
50.0	871.92	873.90	875.89	877.91	879.95	882.01	884.09	886.16	888.30	890.62
50.5	834.62	836.51	838.42	840.35	842.31	844.29	846.30	848.31	850.39	852.65
51.0	799.36	801.14	802.96	804.80	806.67	808.57	810.50	812.43	814.44	816.63
51.5	765.99	767.72	769.47	771.26	773.08	774.93	776.80	778.67	780.62	782.72
52.0	734.26	735.94	737.64	739.38	741.14	742.93	744.74	746.56	748.44	750.44
52.5	703.87	705.46	707.08	708.73	710.41	712.11	713.83	715.56	717.35	719.28
53.0	674.88	676.38	677.91	679.47	681.05	682.66	684.29	685.93	687.63	689.47
53.5	647.31	648.75	650.22	651.70	653.22	654.75	656.31	657.87	659.49	661.23
54.0	620.91	622.29	623.68	625.10	626.54	628.01	629.49	630.98	632.51	634.16
54.5	595.36	596.65	597.95	599.29	600.64	602.01	603.40	604.80	606.25	607.81
55.0	570.80	572.01	573.24	574.49	575.75	577.04	578.35	579.66	581.02	582.49
55.5	547.34	548.51	549.70	550.90	552.11	553.33	554.56	555.80	557.08	558.45
56.0	524.81	525.96	527.10	528.25	529.41	530.57	531.74	532.90	534.10	535.37
56.5	503.09	504.18	505.25	506.33	507.42	508.50	509.59	510.67	511.78	512.98
57.0	482.20	483.21	484.22	485.23	486.23	487.23	488.24	489.24	490.26	491.37
57.5	462.12	463.08	464.03	464.97	465.90	466.83	467.75	468.66	469.59	470.60
58.0	442.78	443.70	444.59	445.47	446.34	447.19	448.03	448.86	449.70	450.62
58.5	424.06	424.94	425.79	426.63	427.44	428.23	429.02	429.78	430.56	431.40
59.0	406.04	406.88	407.70	408.49	409.25	410.00	410.72	411.43	412.14	412.92
59.5	388.83	389.63	390.39	391.12	391.82	392.50	393.16	393.78	394.42	395.12
60.0	372.20	372.97	373.70	374.39	375.04	375.67	376.27	376.84	377.42	378.04
60.5	355.87	356.66	357.41	358.12	358.79	359.43	360.04	360.62	361.19	361.78
61.0	340.09	340.91	341.69	342.42	343.12	343.78	344.40	345.00	345.57	346.12
61.5	325.09	325.89	326.65	327.36	328.02	328.64	329.23	329.78	330.29	330.77
62.0	310.74	311.52	312.24	312.91	313.53	314.10	314.63	315.13	315.58	316.00
62.5	297.02	297.78	298.47	299.12	299.71	300.25	300.75	301.21	301.64	302.04
63.0	283.88	284.61	285.27	285.88	286.43	286.94	287.41	287.83	288.23	288.64
63.5	271.26	271.92	272.52	273.06	273.56	274.01	274.43	274.80	275.16	275.55
64.0	259.20	259.78	260.30	260.78	261.21	261.60	261.96	262.28	262.61	262.98
64.5	247.73	248.23	248.68	249.10	249.47	249.82	250.14	250.42	250.72	251.10
65.0	236.82	237.25	237.64	238.00	238.32	238.63	238.91	239.16	239.44	239.82
65.5	226.49	226.86	227.20	227.51	227.79	228.06	228.31	228.53	228.79	229.18
66.0	216.66	216.99	217.28	217.55	217.80	218.04	218.26	218.46	218.71	219.09
66.5	207.31	207.60	207.85	208.09	208.31	208.52	208.72	208.90	209.13	209.51
67.0	198.35	198.61	198.84	199.05	199.25	199.44	199.62	199.78	199.99	200.36
67.5	189.71	189.95	190.17	190.37	190.55	190.73	190.90	191.06	191.26	191.61
68.0	181.37	181.60	181.81	182.00	182.17	182.34	182.50	182.64	182.83	183.17
68.5	173.27	173.48	173.67	173.84	173.99	174.14	174.28	174.41	174.58	174.91
69.0	165.47	165.66	165.82	165.97	166.10	166.23	166.35	166.45	166.61	166.92
69.5	158.06	158.24	158.38	158.51	158.62	158.71	158.81	158.88	159.00	159.28
70.0	150.89	151.04	151.17	151.28	151.36	151.44	151.51	151.56	151.65	151.90
70.5	143.76	143.90	144.01	144.10	144.18	144.24	144.30	144.33	144.42	144.67
71.0	136.81	136.94	137.04	137.13	137.19	137.25	137.30	137.33	137.42	137.67
71.5	130.14	130.26	130.36	130.44	130.51	130.57	130.62	130.65	130.74	130.99
72.0	123.72	123.84	123.94	124.03	124.10	124.16	124.21	124.25	124.34	124.59
72.5	117.58	117.70	117.80	117.89	117.96	118.02	118.08	118.12	118.21	118.46
73.0	111.67	111.80	111.90	111.99	112.07	112.13	112.20	112.24	112.34	112.58
73.5	105.97	106.10	106.21	106.31	106.39	106.46	106.54	106.59	106.69	106.93
74.0	100.50	100.63	100.75	100.84	100.93	101.01	101.08	101.14	101.25	101.48
74.5	95.29	95.41	95.52	95.61	95.69	95.76	95.83	95.88	95.98	96.21
75.0	90.29	90.40	90.49	90.57	90.64	90.70	90.76	90.81	90.89	91.11
75.5	85.46	85.56	85.65	85.72	85.78	85.83	85.88	85.92	86.00	86.21
76.0	80.80	80.89	80.96	81.01	81.06	81.11	81.15	81.18	81.25	81.45
76.5	76.29	76.35	76.40	76.44	76.47	76.50	76.53	76.54	76.60	76.79

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**CANDELA TABULATION - (Cont.)**

77.0	71.89	71.94	71.97	71.99	72.01	72.02	72.04	72.04	72.09	72.26
77.5	67.57	67.61	67.64	67.66	67.67	67.69	67.70	67.70	67.74	67.91
78.0	63.34	63.38	63.41	63.43	63.44	63.45	63.47	63.47	63.51	63.66
78.5	59.21	59.24	59.26	59.27	59.28	59.28	59.29	59.28	59.31	59.45
79.0	55.17	55.19	55.20	55.20	55.19	55.19	55.18	55.17	55.19	55.32
79.5	51.19	51.21	51.21	51.21	51.20	51.20	51.19	51.17	51.19	51.31
80.0	47.25	47.27	47.27	47.27	47.26	47.25	47.24	47.22	47.24	47.35
80.5	43.33	43.33	43.33	43.32	43.31	43.29	43.28	43.25	43.26	43.37
81.0	39.43	39.43	39.42	39.40	39.38	39.35	39.33	39.30	39.31	39.41
81.5	35.57	35.56	35.54	35.51	35.47	35.44	35.41	35.37	35.36	35.46
82.0	31.76	31.74	31.71	31.67	31.62	31.58	31.54	31.49	31.47	31.56
82.5	28.02	27.99	27.95	27.91	27.86	27.81	27.77	27.71	27.69	27.76
83.0	24.34	24.31	24.27	24.23	24.18	24.13	24.08	24.03	24.00	24.05
83.5	20.73	20.69	20.66	20.61	20.56	20.51	20.47	20.41	20.37	20.40
84.0	17.21	17.19	17.15	17.11	17.07	17.02	16.98	16.92	16.88	16.89
84.5	13.77	13.76	13.73	13.71	13.68	13.64	13.61	13.57	13.53	13.52
85.0	10.64	10.64	10.63	10.61	10.59	10.57	10.54	10.51	10.48	10.45
85.5	8.11	8.10	8.09	8.07	8.04	8.01	7.97	7.93	7.88	7.83
86.0	6.01	6.00	5.97	5.95	5.91	5.87	5.82	5.77	5.71	5.64
86.5	4.21	4.21	4.19	4.18	4.15	4.12	4.09	4.05	4.00	3.93
87.0	2.83	2.84	2.84	2.83	2.82	2.81	2.78	2.76	2.73	2.68
87.5	2.03	2.03	2.03	2.03	2.02	2.01	2.00	1.99	1.97	1.95
88.0	1.59	1.59	1.59	1.59	1.58	1.58	1.58	1.57	1.56	1.56
88.5	1.41	1.41	1.41	1.41	1.40	1.40	1.40	1.39	1.39	1.39
89.0	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.36	1.36	1.36
89.5	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34	1.33	1.33
90.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.60	23522.62	23522.64	23522.67	23522.70	23522.73	23522.76	23522.79	23522.83	23522.86
1.0	23523.86	23523.92	23523.98	23524.06	23524.13	23524.21	23524.29	23524.38	23524.46	23524.54
1.5	23525.90	23526.02	23526.14	23526.28	23526.43	23526.58	23526.73	23526.88	23527.03	23527.18
2.0	23527.32	23527.51	23527.71	23527.93	23528.15	23528.38	23528.62	23528.86	23529.09	23529.33
2.5	23527.11	23527.38	23527.67	23527.99	23528.32	23528.66	23529.01	23529.37	23529.72	23530.07
3.0	23524.62	23524.94	23525.29	23525.67	23526.08	23526.50	23526.93	23527.37	23527.81	23528.26
3.5	23518.94	23519.20	23519.52	23519.87	23520.25	23520.65	23521.08	23521.51	23521.96	23522.41
4.0	23509.82	23509.99	23510.21	23510.47	23510.77	23511.10	23511.46	23511.83	23512.22	23512.62
4.5	23496.85	23496.88	23496.97	23497.11	23497.29	23497.50	23497.74	23498.00	23498.27	23498.57
5.0	23479.67	23479.55	23479.49	23479.48	23479.51	23479.57	23479.66	23479.79	23479.92	23480.09
5.5	23457.87	23457.59	23457.36	23457.17	23457.03	23456.93	23456.86	23456.82	23456.81	23456.83
6.0	23431.27	23430.84	23430.46	23430.13	23429.85	23429.60	23429.39	23429.22	23429.09	23428.98
6.5	23399.64	23399.15	23398.71	23398.32	23397.98	23397.68	23397.42	23397.20	23397.02	23396.87
7.0	23362.70	23362.17	23361.70	23361.29	23360.92	23360.60	23360.32	23360.09	23359.89	23359.73
7.5	23320.27	23319.69	23319.16	23318.70	23318.29	23317.93	23317.63	23317.37	23317.16	23316.99
8.0	23271.80	23271.18	23270.63	23270.14	23269.71	23269.33	23269.02	23268.76	23268.55	23268.38
8.5	23217.07	23216.46	23215.91	23215.43	23215.01	23214.65	23214.34	23214.09	23213.89	23213.73
9.0	23154.89	23154.37	23153.91	23153.51	23153.16	23152.87	23152.63	23152.44	23152.30	23152.19
9.5	23084.43	23084.16	23083.94	23083.78	23083.67	23083.60	23083.56	23083.57	23083.59	23083.65
10.0	23004.50	23004.46	23004.49	23004.57	23004.70	23004.86	23005.04	23005.25	23005.46	23005.70
10.5	22913.58	22913.63	22913.75	22913.92	22914.14	22914.40	22914.69	22915.00	22915.33	22915.68
11.0	22811.72	22811.79	22811.93	22812.13	22812.39	22812.70	22813.04	22813.40	22813.79	22814.21
11.5	22698.87	22698.93	22699.06	22699.25	22699.49	22699.78	22700.09	22700.44	22700.80	22701.20
12.0	22573.74	22573.81	22573.95	22574.14	22574.39	22574.68	22574.99	22575.33	22575.69	22576.07

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**CANDELA TABULATION - (Cont.)**

12.5	22435.04	22435.23	22435.48	22435.79	22436.16	22436.57	22437.00	22437.46	22437.92	22438.42
13.0	22282.73	22283.07	22283.48	22283.97	22284.51	22285.08	22285.69	22286.31	22286.93	22287.59
13.5	22116.71	22117.20	22117.76	22118.38	22119.06	22119.78	22120.53	22121.29	22122.05	22122.85
14.0	21935.78	21936.51	21937.32	21938.19	21939.11	21940.06	21941.05	21942.04	21943.04	21944.05
14.5	21738.37	21739.59	21740.89	21742.27	21743.69	21745.14	21746.61	21748.09	21749.54	21751.00
15.0	21525.45	21527.24	21529.13	21531.10	21533.11	21535.15	21537.20	21539.22	21541.20	21543.19
15.5	21298.01	21300.30	21302.70	21305.16	21307.67	21310.21	21312.73	21315.23	21317.69	21320.12
16.0	21054.42	21057.31	21060.29	21063.34	21066.44	21069.55	21072.65	21075.72	21078.73	21081.71
16.5	20792.96	20796.64	20800.41	20804.26	20808.16	20812.07	20815.98	20819.84	20823.64	20827.38
17.0	20514.98	20519.61	20524.35	20529.18	20534.07	20538.96	20543.84	20548.67	20553.41	20558.08
17.5	20221.37	20227.20	20233.16	20239.20	20245.29	20251.38	20257.44	20263.42	20269.28	20275.04
18.0	19911.71	19918.84	19926.11	19933.46	19940.86	19948.25	19955.58	19962.80	19969.87	19976.81
18.5	19585.67	19594.05	19602.57	19611.20	19619.86	19628.52	19637.10	19645.55	19653.83	19661.95
19.0	19243.86	19253.52	19263.36	19273.30	19283.28	19293.24	19303.12	19312.86	19322.39	19331.73
19.5	18886.56	18897.66	18908.94	18920.33	18931.76	18943.16	18954.45	18965.57	18976.44	18987.09
20.0	18514.42	18526.95	18539.68	18552.52	18565.39	18578.22	18590.93	18603.43	18615.65	18627.61
20.5	18127.97	18141.81	18155.87	18170.06	18184.29	18198.46	18212.49	18226.30	18239.79	18253.00
21.0	17727.80	17742.85	17758.13	17773.56	17789.03	17804.44	17819.71	17834.72	17849.39	17863.76
21.5	17314.62	17330.74	17347.11	17363.62	17380.18	17396.67	17413.01	17429.10	17444.82	17460.22
22.0	16888.64	16905.70	16923.02	16940.47	16957.97	16975.42	16992.70	17009.71	17026.37	17042.66
22.5	16449.53	16467.46	16485.66	16504.03	16522.44	16540.79	16558.97	16576.88	16594.39	16611.52
23.0	15999.65	16018.13	16036.90	16055.84	16074.83	16093.75	16112.50	16130.96	16149.00	16166.66
23.5	15541.92	15560.29	15578.90	15597.66	15616.46	15635.18	15653.73	15671.99	15689.85	15707.31
24.0	15074.29	15092.28	15110.49	15128.81	15147.15	15165.41	15183.49	15201.29	15218.73	15235.74
24.5	14594.22	14612.03	14630.04	14648.16	14666.29	14684.34	14702.21	14719.80	14737.02	14753.82
25.0	14106.04	14123.46	14141.07	14158.79	14176.51	14194.14	14211.58	14228.74	14245.53	14261.90
25.5	13613.53	13630.06	13646.74	13663.47	13680.19	13696.79	13713.19	13729.30	13745.05	13760.39
26.0	13115.73	13131.12	13146.58	13162.06	13177.48	13192.75	13207.82	13222.59	13237.01	13251.03
26.5	12612.33	12626.46	12640.63	12654.76	12668.79	12682.65	12696.29	12709.64	12722.63	12735.23
27.0	12105.22	12117.94	12130.64	12143.26	12155.74	12168.04	12180.11	12191.89	12203.33	12214.39
27.5	11595.29	11606.37	11617.38	11628.29	11639.03	11649.59	11659.92	11669.98	11679.72	11689.13
28.0	11085.29	11094.65	11103.89	11112.99	11121.92	11130.65	11139.16	11147.43	11155.43	11163.10
28.5	10577.69	10585.36	10592.86	10600.17	10607.30	10614.21	10620.91	10627.39	10633.62	10639.55
29.0	10074.21	10080.22	10086.00	10091.57	10096.91	10102.04	10106.96	10111.66	10116.16	10120.37
29.5	9577.07	9581.51	9585.68	9589.60	9593.28	9596.73	9599.97	9603.01	9605.86	9608.46
30.0	9087.19	9090.08	9092.67	9094.96	9097.00	9098.81	9100.39	9101.79	9103.02	9104.03
30.5	8605.74	8607.00	8607.89	8608.45	8608.72	8608.74	8608.55	8608.19	8607.70	8606.99
31.0	8134.16	8133.92	8133.25	8132.22	8130.88	8129.28	8127.47	8125.52	8123.46	8121.20
31.5	7673.44	7672.07	7670.27	7668.10	7665.61	7662.87	7659.93	7656.86	7653.72	7650.40
32.0	7226.17	7223.85	7221.09	7217.97	7214.54	7210.87	7207.02	7203.05	7199.03	7194.86
32.5	6795.08	6791.84	6788.17	6784.12	6779.77	6775.19	6770.45	6765.61	6760.75	6755.76
33.0	6380.68	6376.61	6372.10	6367.22	6362.05	6356.65	6351.11	6345.49	6339.88	6334.16
33.5	5984.25	5979.44	5974.18	5968.54	5962.62	5956.48	5950.20	5943.88	5937.58	5931.19
34.0	5606.14	5600.72	5594.85	5588.60	5582.07	5575.33	5568.46	5561.57	5554.72	5547.78
34.5	5246.87	5241.09	5234.84	5228.22	5221.31	5214.19	5206.97	5199.72	5192.53	5185.26
35.0	4907.17	4901.13	4894.64	4887.78	4880.65	4873.32	4865.88	4858.43	4851.06	4843.61
35.5	4589.00	4582.65	4575.88	4568.79	4561.44	4553.93	4546.34	4538.75	4531.25	4523.72
36.0	4289.15	4282.72	4275.91	4268.80	4261.48	4254.03	4246.53	4239.05	4231.68	4224.30
36.5	4003.23	3997.28	3990.97	3984.41	3977.65	3970.80	3963.92	3957.11	3950.43	3943.72
37.0	3736.78	3731.53	3725.94	3720.10	3714.09	3707.99	3701.86	3695.81	3689.89	3683.92
37.5	3497.09	3492.55	3487.66	3482.47	3477.06	3471.50	3465.84	3460.17	3454.54	3448.85
38.0	3274.47	3270.62	3266.41	3261.87	3257.06	3252.04	3246.87	3241.58	3236.25	3230.87
38.5	3059.09	3055.75	3052.09	3048.17	3044.02	3039.68	3035.22	3030.66	3026.07	3021.43
39.0	2858.71	2855.84	2852.73	2849.40	2845.90	2842.27	2838.55	2834.78	2831.01	2827.20
39.5	2679.96	2677.63	2675.08	2672.35	2669.46	2666.45	2663.36	2660.22	2657.07	2653.89
40.0	2516.46	2514.70	2512.73	2510.59	2508.31	2505.91	2503.43	2500.90	2498.34	2495.74

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**CANDELA TABULATION - (Cont.)**

40.5	2363.67	2362.51	2361.18	2359.69	2358.06	2356.32	2354.50	2352.61	2350.69	2348.72
41.0	2222.66	2222.10	2221.38	2220.52	2219.53	2218.43	2217.25	2215.99	2214.68	2213.32
41.5	2093.71	2093.64	2093.44	2093.12	2092.69	2092.16	2091.54	2090.85	2090.10	2089.30
42.0	1974.75	1975.14	1975.41	1975.58	1975.66	1975.65	1975.55	1975.39	1975.16	1974.87
42.5	1863.59	1864.41	1865.14	1865.78	1866.34	1866.82	1867.22	1867.54	1867.79	1868.00
43.0	1760.93	1762.15	1763.29	1764.37	1765.37	1766.30	1767.14	1767.91	1768.60	1769.23
43.5	1667.36	1668.96	1670.51	1671.98	1673.39	1674.71	1675.95	1677.11	1678.17	1679.17
44.0	1580.97	1582.89	1584.75	1586.56	1588.29	1589.95	1591.53	1593.01	1594.39	1595.71
44.5	1499.89	1501.97	1504.02	1506.05	1508.03	1509.96	1511.82	1513.60	1515.30	1516.95
45.0	1424.61	1426.75	1428.90	1431.03	1433.14	1435.21	1437.23	1439.20	1441.09	1442.93
45.5	1355.54	1357.65	1359.73	1361.77	1363.77	1365.72	1367.61	1369.43	1371.17	1372.85
46.0	1291.01	1293.11	1295.14	1297.11	1299.02	1300.84	1302.60	1304.27	1305.87	1307.37
46.5	1229.16	1231.44	1233.67	1235.85	1237.97	1240.02	1242.00	1243.90	1245.71	1247.44
47.0	1171.02	1173.49	1175.94	1178.35	1180.71	1183.02	1185.26	1187.42	1189.50	1191.51
47.5	1117.34	1119.83	1122.31	1124.75	1127.16	1129.51	1131.81	1134.03	1136.18	1138.25
48.0	1067.13	1069.60	1072.05	1074.47	1076.86	1079.21	1081.50	1083.72	1085.88	1087.96
48.5	1019.66	1022.12	1024.57	1027.00	1029.39	1031.74	1034.04	1036.28	1038.45	1040.55
49.0	974.93	977.38	979.82	982.23	984.62	986.96	989.25	991.49	993.65	995.75
49.5	932.84	935.24	937.63	940.01	942.35	944.66	946.92	949.12	951.26	953.32
50.0	893.00	895.35	897.69	900.01	902.31	904.57	906.78	908.95	911.05	913.08
50.5	854.98	857.29	859.59	861.87	864.14	866.37	868.56	870.70	872.78	874.79
51.0	818.90	821.15	823.39	825.63	827.85	830.03	832.18	834.29	836.34	838.32
51.5	784.88	787.03	789.17	791.30	793.42	795.51	797.57	799.58	801.55	803.45
52.0	752.49	754.52	756.56	758.58	760.59	762.57	764.53	766.45	768.32	770.13
52.5	721.25	723.20	725.16	727.11	729.05	730.96	732.85	734.70	736.50	738.25
53.0	691.37	693.25	695.13	697.01	698.87	700.71	702.53	704.31	706.06	707.74
53.5	663.02	664.81	666.59	668.36	670.13	671.87	673.59	675.28	676.94	678.54
54.0	635.84	637.52	639.20	640.87	642.53	644.18	645.80	647.40	648.96	650.47
54.5	609.41	611.00	612.59	614.18	615.76	617.33	618.88	620.40	621.90	623.34
55.0	584.00	585.50	587.01	588.52	590.02	591.50	592.97	594.42	595.84	597.21
55.5	559.86	561.26	562.66	564.06	565.45	566.83	568.20	569.54	570.86	572.14
56.0	536.68	537.98	539.27	540.56	541.85	543.12	544.38	545.62	546.84	548.02
56.5	514.20	515.41	516.62	517.82	519.02	520.21	521.38	522.54	523.69	524.79
57.0	492.51	493.63	494.76	495.88	496.99	498.10	499.20	500.28	501.34	502.37
57.5	471.64	472.66	473.69	474.71	475.72	476.73	477.72	478.71	479.69	480.63
58.0	451.56	452.49	453.41	454.33	455.24	456.15	457.05	457.95	458.83	459.68
58.5	432.26	433.11	433.95	434.79	435.62	436.45	437.27	438.09	438.90	439.67
59.0	413.70	414.48	415.24	416.00	416.76	417.51	418.26	419.00	419.74	420.45
59.5	395.83	396.52	397.21	397.89	398.57	399.24	399.91	400.58	401.25	401.88
60.0	378.68	379.30	379.91	380.52	381.12	381.72	382.31	382.91	383.50	384.06
60.5	362.37	362.93	363.48	364.02	364.56	365.08	365.61	366.13	366.65	367.14
61.0	346.64	347.15	347.64	348.12	348.59	349.05	349.50	349.95	350.41	350.83
61.5	331.22	331.64	332.05	332.45	332.84	333.21	333.59	333.97	334.35	334.70
62.0	316.38	316.74	317.08	317.41	317.73	318.04	318.35	318.67	319.00	319.29
62.5	302.41	302.76	303.09	303.40	303.71	304.00	304.29	304.58	304.87	305.14
63.0	289.02	289.38	289.72	290.04	290.34	290.64	290.92	291.20	291.48	291.74
63.5	275.93	276.29	276.63	276.95	277.26	277.56	277.85	278.13	278.41	278.66
64.0	263.37	263.73	264.07	264.41	264.73	265.04	265.34	265.64	265.93	266.20
64.5	251.50	251.87	252.24	252.59	252.94	253.28	253.61	253.93	254.24	254.54
65.0	240.24	240.63	241.02	241.41	241.78	242.15	242.50	242.85	243.19	243.51
65.5	229.61	230.02	230.43	230.83	231.23	231.61	231.99	232.36	232.72	233.07
66.0	219.53	219.95	220.36	220.78	221.19	221.59	221.99	222.37	222.74	223.10
66.5	209.94	210.35	210.76	211.18	211.59	211.99	212.39	212.77	213.15	213.51
67.0	200.78	201.18	201.59	201.99	202.39	202.79	203.18	203.56	203.92	204.28
67.5	192.01	192.40	192.79	193.18	193.57	193.95	194.32	194.68	195.03	195.37
68.0	183.56	183.93	184.31	184.68	185.05	185.41	185.76	186.11	186.43	186.75

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68.5	175.29	175.65	176.02	176.38	176.75	177.10	177.45	177.78	178.11	178.42
69.0	167.28	167.64	167.99	168.34	168.69	169.04	169.38	169.70	170.02	170.32
69.5	159.62	159.94	160.26	160.58	160.89	161.21	161.51	161.80	162.08	162.36
70.0	152.21	152.50	152.79	153.08	153.36	153.64	153.92	154.18	154.42	154.67
70.5	144.97	145.26	145.55	145.84	146.12	146.40	146.67	146.93	147.17	147.41
71.0	137.98	138.28	138.57	138.87	139.16	139.45	139.72	139.98	140.23	140.47
71.5	131.30	131.59	131.89	132.18	132.47	132.76	133.03	133.29	133.53	133.77
72.0	124.89	125.18	125.47	125.76	126.05	126.33	126.60	126.85	127.09	127.33
72.5	118.76	119.04	119.33	119.61	119.89	120.17	120.43	120.69	120.92	121.16
73.0	112.87	113.15	113.43	113.71	113.99	114.26	114.52	114.77	115.00	115.23
73.5	107.22	107.50	107.77	108.05	108.32	108.59	108.84	109.09	109.32	109.55
74.0	101.77	102.04	102.31	102.58	102.85	103.11	103.37	103.61	103.83	104.05
74.5	96.49	96.75	97.01	97.27	97.53	97.78	98.03	98.26	98.48	98.69
75.0	91.38	91.63	91.88	92.13	92.38	92.62	92.86	93.08	93.29	93.50
75.5	86.46	86.70	86.94	87.18	87.42	87.66	87.88	88.10	88.30	88.50
76.0	81.69	81.92	82.15	82.38	82.61	82.84	83.06	83.26	83.46	83.65
76.5	77.02	77.25	77.47	77.70	77.92	78.14	78.36	78.56	78.76	78.95
77.0	72.49	72.70	72.92	73.14	73.36	73.57	73.78	73.98	74.17	74.36
77.5	68.12	68.32	68.52	68.72	68.93	69.13	69.32	69.51	69.68	69.86
78.0	63.85	64.03	64.22	64.41	64.59	64.78	64.96	65.13	65.29	65.45
78.5	59.63	59.80	59.98	60.15	60.33	60.50	60.67	60.84	60.99	61.14
79.0	55.49	55.65	55.82	55.98	56.15	56.32	56.48	56.64	56.79	56.93
79.5	51.47	51.62	51.78	51.94	52.10	52.25	52.40	52.55	52.69	52.83
80.0	47.50	47.65	47.79	47.94	48.09	48.24	48.39	48.52	48.65	48.79
80.5	43.52	43.66	43.80	43.94	44.09	44.23	44.37	44.50	44.63	44.75
81.0	39.55	39.68	39.82	39.96	40.10	40.24	40.37	40.50	40.61	40.74
81.5	35.59	35.72	35.85	35.98	36.12	36.25	36.38	36.50	36.61	36.72
82.0	31.68	31.80	31.92	32.04	32.17	32.29	32.40	32.51	32.61	32.72
82.5	27.86	27.96	28.06	28.16	28.26	28.36	28.45	28.53	28.61	28.69
83.0	24.13	24.20	24.27	24.34	24.41	24.48	24.55	24.60	24.65	24.70
83.5	20.46	20.50	20.55	20.59	20.64	20.68	20.71	20.74	20.76	20.78
84.0	16.92	16.94	16.96	16.97	16.99	17.00	17.01	17.01	17.00	17.00
84.5	13.52	13.52	13.51	13.50	13.49	13.47	13.45	13.43	13.40	13.37
85.0	10.42	10.39	10.36	10.32	10.28	10.24	10.19	10.14	10.09	10.04
85.5	7.77	7.70	7.64	7.57	7.50	7.42	7.35	7.27	7.19	7.12
86.0	5.56	5.47	5.39	5.29	5.20	5.11	5.01	4.92	4.83	4.73
86.5	3.85	3.78	3.69	3.61	3.53	3.44	3.35	3.27	3.18	3.10
87.0	2.62	2.56	2.50	2.44	2.38	2.31	2.24	2.18	2.12	2.05
87.5	1.91	1.88	1.85	1.81	1.78	1.74	1.71	1.67	1.63	1.60
88.0	1.55	1.54	1.53	1.52	1.51	1.50	1.49	1.48	1.47	1.46
88.5	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.36	1.36	1.36
89.0	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.33	1.33
89.5	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.32	1.32
90.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.89	23522.90	23522.91	23522.91	23522.92	23522.92	23522.93	23522.93	23522.93	23522.93
1.0	23524.62	23524.66	23524.69	23524.72	23524.74	23524.77	23524.79	23524.80	23524.81	23524.82
1.5	23527.32	23527.41	23527.48	23527.55	23527.61	23527.67	23527.71	23527.75	23527.79	23527.81
2.0	23529.54	23529.70	23529.82	23529.94	23530.05	23530.15	23530.24	23530.31	23530.37	23530.42
2.5	23530.39	23530.63	23530.83	23531.03	23531.21	23531.37	23531.51	23531.64	23531.74	23531.83
3.0	23528.67	23528.98	23529.24	23529.49	23529.73	23529.94	23530.13	23530.30	23530.45	23530.56
3.5	23522.82	23523.13	23523.40	23523.66	23523.90	23524.13	23524.33	23524.51	23524.66	23524.79

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**CANDELA TABULATION - (Cont.)**

4.0	23512.99	23513.26	23513.49	23513.72	23513.94	23514.14	23514.33	23514.49	23514.64	23514.76
4.5	23498.84	23499.02	23499.17	23499.32	23499.46	23499.60	23499.73	23499.84	23499.95	23500.03
5.0	23480.24	23480.32	23480.37	23480.44	23480.51	23480.58	23480.64	23480.71	23480.77	23480.82
5.5	23456.86	23456.87	23456.88	23456.91	23456.96	23457.01	23457.06	23457.12	23457.18	23457.25
6.0	23428.91	23428.87	23428.86	23428.86	23428.89	23428.93	23428.98	23429.04	23429.11	23429.19
6.5	23396.76	23396.67	23396.61	23396.57	23396.56	23396.56	23396.58	23396.62	23396.66	23396.71
7.0	23359.60	23359.50	23359.42	23359.36	23359.33	23359.32	23359.33	23359.35	23359.38	23359.43
7.5	23316.87	23316.80	23316.78	23316.78	23316.81	23316.86	23316.93	23317.02	23317.11	23317.21
8.0	23268.28	23268.27	23268.32	23268.40	23268.51	23268.64	23268.79	23268.94	23269.11	23269.28
8.5	23213.65	23213.70	23213.83	23213.97	23214.15	23214.35	23214.56	23214.78	23215.01	23215.23
9.0	23152.15	23152.23	23152.38	23152.54	23152.73	23152.93	23153.15	23153.37	23153.60	23153.81
9.5	23083.71	23083.70	23083.68	23083.69	23083.70	23083.71	23083.74	23083.77	23083.79	23083.83
10.0	23005.87	23005.80	23005.65	23005.53	23005.39	23005.25	23005.11	23004.97	23004.83	23004.71
10.5	22915.97	22916.05	22916.06	22916.09	22916.10	22916.10	22916.10	22916.08	22916.06	22916.04
11.0	22814.58	22814.82	22815.02	22815.22	22815.41	22815.59	22815.75	22815.90	22816.03	22816.15
11.5	22701.55	22701.77	22701.95	22702.13	22702.30	22702.46	22702.61	22702.74	22702.86	22702.96
12.0	22576.40	22576.57	22576.69	22576.81	22576.92	22577.02	22577.11	22577.18	22577.25	22577.30
12.5	22438.83	22439.01	22439.10	22439.20	22439.29	22439.35	22439.40	22439.43	22439.45	22439.46
13.0	22288.14	22288.39	22288.53	22288.68	22288.80	22288.89	22288.96	22289.01	22289.03	22289.04
13.5	22123.55	22124.01	22124.37	22124.73	22125.06	22125.36	22125.62	22125.84	22126.02	22126.17
14.0	21944.99	21945.70	21946.32	21946.93	21947.49	21948.01	21948.47	21948.88	21949.23	21949.52
14.5	21752.30	21753.20	21753.92	21754.62	21755.25	21755.80	21756.29	21756.69	21757.02	21757.28
15.0	21544.94	21546.11	21547.03	21547.90	21548.67	21549.34	21549.90	21550.36	21550.73	21550.99
15.5	21322.33	21324.00	21325.42	21326.77	21328.00	21329.09	21330.05	21330.87	21331.55	21332.10
16.0	21084.48	21086.80	21088.88	21090.86	21092.69	21094.35	21095.84	21097.15	21098.28	21099.21
16.5	20830.91	20834.01	20836.85	20839.55	20842.06	20844.36	20846.45	20848.29	20849.89	20851.23
17.0	20562.50	20566.46	20570.12	20573.60	20576.84	20579.82	20582.52	20584.92	20587.01	20588.76
17.5	20280.47	20285.30	20289.75	20293.98	20297.90	20301.50	20304.75	20307.63	20310.13	20312.22
18.0	19983.35	19989.13	19994.43	19999.46	20004.13	20008.39	20012.24	20015.64	20018.58	20021.04
18.5	19669.62	19676.49	19682.83	19688.84	19694.43	19699.54	19704.16	19708.27	19711.82	19714.79
19.0	19340.58	19348.57	19355.98	19363.00	19369.53	19375.52	19380.94	19385.76	19389.93	19393.43
19.5	18997.17	19006.22	19014.59	19022.52	19029.88	19036.63	19042.73	19048.14	19052.82	19056.73
20.0	18638.91	18648.99	18658.28	18667.08	18675.24	18682.70	18689.44	18695.40	18700.56	18704.86
20.5	18265.45	18276.50	18286.67	18296.29	18305.20	18313.35	18320.69	18327.19	18332.79	18337.46
21.0	17877.30	17889.35	17900.43	17910.92	17920.64	17929.53	17937.54	17944.63	17950.75	17955.85
21.5	17474.82	17488.04	17500.32	17511.95	17522.75	17532.67	17541.64	17549.62	17556.52	17562.31
22.0	17058.18	17072.44	17085.78	17098.40	17110.16	17120.98	17130.80	17139.54	17147.14	17153.54
22.5	16627.79	16642.57	16656.30	16669.31	16681.40	16692.51	16702.57	16711.50	16719.26	16725.76
23.0	16183.38	16198.45	16212.40	16225.61	16237.88	16249.13	16259.29	16268.32	16276.13	16282.67
23.5	15723.98	15739.37	15753.79	15767.44	15780.15	15791.86	15802.49	15811.97	15820.21	15827.15
24.0	15252.12	15267.62	15282.31	15296.22	15309.23	15321.25	15332.21	15342.01	15350.58	15357.84
24.5	14769.98	14785.21	14799.63	14813.28	14826.03	14837.81	14848.54	14858.13	14866.51	14873.59
25.0	14277.60	14292.26	14306.08	14319.15	14331.35	14342.59	14352.81	14361.94	14369.89	14376.59
25.5	13775.09	13788.87	13801.85	13814.13	13825.57	13836.12	13845.70	13854.25	13861.70	13867.98
26.0	13264.46	13277.12	13289.06	13300.33	13310.83	13320.51	13329.30	13337.14	13343.96	13349.71
26.5	12747.30	12758.64	12769.33	12779.41	12788.78	12797.39	12805.21	12812.16	12818.19	12823.27
27.0	12224.97	12234.92	12244.29	12253.09	12261.27	12268.77	12275.56	12281.60	12286.82	12291.21
27.5	11698.14	11706.74	11714.88	11722.52	11729.61	11736.13	11742.03	11747.27	11751.82	11755.64
28.0	11170.51	11177.74	11184.65	11191.12	11197.14	11202.69	11207.71	11212.18	11216.07	11219.34
28.5	10645.33	10651.17	10656.82	10662.09	10667.00	10671.53	10675.64	10679.31	10682.51	10685.20
29.0	10124.53	10128.95	10133.30	10137.32	10141.08	10144.55	10147.70	10150.51	10152.97	10155.04
29.5	9611.05	9613.97	9616.88	9619.54	9622.02	9624.29	9626.34	9628.17	9629.76	9631.09
30.0	9105.08	9106.55	9108.09	9109.45	9110.69	9111.82	9112.83	9113.72	9114.47	9115.10
30.5	8606.46	8606.66	8607.08	8607.36	8607.62	8607.86	8608.08	8608.28	8608.45	8608.59
31.0	8119.26	8118.33	8117.76	8117.11	8116.51	8115.99	8115.53	8115.14	8114.81	8114.55
31.5	7647.44	7645.54	7644.07	7642.55	7641.16	7639.89	7638.75	7637.76	7636.90	7636.20

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**CANDELA TABULATION - (Cont.)**

32.0	7191.08	7188.38	7186.13	7183.89	7181.82	7179.92	7178.21	7176.70	7175.39	7174.31
32.5	6751.22	6747.89	6745.08	6742.31	6739.76	6737.43	6735.33	6733.49	6731.91	6730.60
33.0	6328.96	6325.11	6321.87	6318.69	6315.77	6313.12	6310.75	6308.67	6306.90	6305.44
33.5	5925.39	5921.09	5917.47	5913.93	5910.70	5907.78	5905.18	5902.90	5900.98	5899.40
34.0	5541.50	5536.85	5532.94	5529.13	5525.66	5522.53	5519.75	5517.34	5515.30	5513.64
34.5	5178.67	5173.79	5169.69	5165.71	5162.07	5158.80	5155.90	5153.39	5151.26	5149.54
35.0	4836.87	4831.85	4827.64	4823.55	4819.83	4816.48	4813.51	4810.94	4808.77	4807.01
35.5	4516.87	4511.69	4507.29	4503.04	4499.17	4495.69	4492.60	4489.91	4487.65	4485.81
36.0	4217.60	4212.56	4208.29	4204.18	4200.45	4197.11	4194.15	4191.60	4189.46	4187.73
36.5	3937.83	3933.92	3930.92	3928.02	3925.48	3923.29	3921.45	3919.95	3918.77	3917.91
37.0	3678.81	3675.82	3673.77	3671.77	3670.11	3668.75	3667.69	3666.91	3666.38	3666.10
37.5	3443.68	3439.79	3436.50	3433.30	3430.38	3427.74	3425.40	3423.35	3421.62	3420.21
38.0	3225.64	3220.81	3216.22	3211.76	3207.53	3203.55	3199.87	3196.51	3193.52	3190.94
38.5	3016.93	3012.78	3008.84	3005.02	3001.38	2997.97	2994.81	2991.93	2989.37	2987.15
39.0	2823.59	2820.47	2817.60	2814.82	2812.21	2809.78	2807.56	2805.56	2803.80	2802.30
39.5	2650.88	2648.31	2645.97	2643.69	2641.55	2639.56	2637.74	2636.10	2634.66	2633.44
40.0	2493.27	2491.14	2489.19	2487.28	2485.48	2483.79	2482.25	2480.85	2479.61	2478.55
40.5	2346.81	2345.10	2343.48	2341.90	2340.39	2338.96	2337.63	2336.42	2335.34	2334.39
41.0	2211.96	2210.64	2209.35	2208.07	2206.84	2205.65	2204.53	2203.49	2202.55	2201.72
41.5	2088.46	2087.57	2086.67	2085.77	2084.88	2084.01	2083.18	2082.39	2081.67	2081.02
42.0	1974.52	1974.05	1973.53	1972.99	1972.44	1971.88	1971.33	1970.80	1970.29	1969.82
42.5	1868.08	1867.97	1867.76	1867.52	1867.24	1866.93	1866.60	1866.26	1865.92	1865.58
43.0	1769.72	1769.91	1769.96	1769.97	1769.92	1769.82	1769.67	1769.49	1769.28	1769.06
43.5	1679.98	1680.41	1680.65	1680.84	1680.95	1680.98	1680.95	1680.87	1680.74	1680.57
44.0	1596.82	1597.49	1597.94	1598.34	1598.64	1598.84	1598.96	1599.01	1598.99	1598.92
44.5	1518.40	1519.47	1520.33	1521.13	1521.82	1522.40	1522.88	1523.27	1523.56	1523.76
45.0	1444.62	1446.01	1447.24	1448.38	1449.41	1450.33	1451.14	1451.83	1452.41	1452.87
45.5	1374.41	1375.78	1377.02	1378.18	1379.23	1380.18	1381.02	1381.74	1382.35	1382.84
46.0	1308.79	1310.09	1311.30	1312.41	1313.41	1314.32	1315.12	1315.82	1316.40	1316.87
46.5	1249.05	1250.50	1251.81	1253.03	1254.14	1255.13	1256.00	1256.76	1257.40	1257.91
47.0	1193.37	1194.99	1196.44	1197.80	1199.04	1200.15	1201.13	1201.98	1202.69	1203.27
47.5	1140.20	1141.93	1143.52	1145.01	1146.37	1147.61	1148.71	1149.67	1150.49	1151.16
48.0	1089.93	1091.75	1093.45	1095.04	1096.51	1097.85	1099.06	1100.12	1101.04	1101.80
48.5	1042.54	1044.40	1046.13	1047.77	1049.28	1050.66	1051.90	1053.01	1053.96	1054.75
49.0	997.74	999.61	1001.36	1003.01	1004.53	1005.93	1007.19	1008.31	1009.28	1010.09
49.5	955.30	957.17	958.94	960.61	962.15	963.57	964.86	966.00	966.99	967.83
50.0	915.03	916.90	918.68	920.36	921.91	923.35	924.65	925.81	926.82	927.68
50.5	876.73	878.60	880.38	882.05	883.61	885.04	886.35	887.51	888.53	889.39
51.0	840.24	842.09	843.85	845.51	847.07	848.50	849.80	850.97	851.99	852.85
51.5	805.30	807.13	808.89	810.54	812.09	813.53	814.85	816.03	817.06	817.94
52.0	771.91	773.69	775.43	777.06	778.60	780.03	781.34	782.52	783.56	784.44
52.5	739.97	741.69	743.36	744.94	746.42	747.80	749.06	750.20	751.20	752.05
53.0	709.39	711.04	712.64	714.15	715.57	716.89	718.10	719.19	720.15	720.96
53.5	680.11	681.71	683.26	684.73	686.12	687.41	688.59	689.66	690.60	691.40
54.0	651.97	653.52	655.03	656.46	657.81	659.07	660.23	661.28	662.21	663.01
54.5	624.77	626.26	627.72	629.09	630.40	631.61	632.74	633.75	634.65	635.42
55.0	598.58	600.00	601.40	602.73	603.98	605.16	606.24	607.22	608.09	608.83
55.5	573.42	574.78	576.14	577.42	578.63	579.77	580.82	581.78	582.63	583.37
56.0	549.21	550.51	551.82	553.05	554.22	555.33	556.35	557.29	558.12	558.84
56.5	525.91	527.14	528.38	529.55	530.67	531.72	532.70	533.59	534.39	535.08
57.0	503.42	504.59	505.76	506.87	507.94	508.94	509.87	510.72	511.48	512.14
57.5	481.60	482.71	483.84	484.91	485.93	486.90	487.80	488.63	489.38	490.03
58.0	460.58	461.63	462.72	463.75	464.74	465.69	466.57	467.38	468.11	468.75
58.5	440.50	441.50	442.54	443.53	444.48	445.39	446.24	447.02	447.73	448.35
59.0	421.21	422.16	423.15	424.09	425.00	425.87	426.69	427.44	428.12	428.72
59.5	402.58	403.46	404.41	405.30	406.16	406.99	407.76	408.49	409.14	409.72

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**CANDELA TABULATION - (Cont.)**

60.0	384.69	385.52	386.41	387.25	388.07	388.85	389.59	390.28	390.91	391.46
60.5	367.70	368.48	369.31	370.10	370.87	371.61	372.31	372.96	373.55	374.08
61.0	351.33	352.05	352.84	353.59	354.32	355.03	355.69	356.32	356.89	357.40
61.5	335.15	335.86	336.65	337.40	338.14	338.86	339.55	340.19	340.78	341.31
62.0	319.69	320.37	321.15	321.89	322.62	323.33	324.01	324.66	325.25	325.78
62.5	305.49	306.08	306.75	307.38	308.00	308.60	309.18	309.72	310.22	310.67
63.0	292.05	292.54	293.08	293.59	294.09	294.57	295.02	295.45	295.84	296.19
63.5	278.96	279.39	279.86	280.30	280.73	281.13	281.52	281.88	282.21	282.50
64.0	266.49	266.88	267.30	267.68	268.06	268.41	268.75	269.06	269.33	269.58
64.5	254.84	255.20	255.56	255.90	256.23	256.53	256.82	257.08	257.31	257.51
65.0	243.83	244.16	244.48	244.79	245.07	245.33	245.57	245.79	245.98	246.14
65.5	233.39	233.70	233.98	234.25	234.49	234.72	234.92	235.10	235.25	235.38
66.0	223.43	223.71	223.97	224.20	224.42	224.61	224.78	224.93	225.05	225.15
66.5	213.84	214.10	214.34	214.55	214.75	214.92	215.07	215.20	215.31	215.39
67.0	204.60	204.85	205.06	205.26	205.43	205.59	205.72	205.83	205.92	205.99
67.5	195.67	195.88	196.06	196.23	196.37	196.49	196.60	196.68	196.75	196.80
68.0	187.03	187.22	187.37	187.50	187.62	187.71	187.79	187.85	187.89	187.92
68.5	178.69	178.87	179.00	179.13	179.23	179.32	179.38	179.43	179.47	179.49
69.0	170.58	170.75	170.87	170.99	171.08	171.16	171.21	171.26	171.28	171.29
69.5	162.59	162.72	162.82	162.90	162.97	163.02	163.06	163.08	163.09	163.09
70.0	154.87	154.97	155.03	155.09	155.12	155.15	155.16	155.15	155.14	155.12
70.5	147.60	147.68	147.71	147.73	147.73	147.72	147.70	147.66	147.62	147.58
71.0	140.66	140.71	140.71	140.71	140.68	140.65	140.60	140.54	140.47	140.40
71.5	133.95	134.00	133.99	133.97	133.94	133.89	133.83	133.77	133.69	133.61
72.0	127.51	127.56	127.54	127.53	127.50	127.45	127.40	127.33	127.26	127.18
72.5	121.34	121.39	121.39	121.39	121.36	121.33	121.28	121.23	121.16	121.09
73.0	115.41	115.47	115.48	115.49	115.48	115.46	115.42	115.38	115.33	115.27
73.5	109.72	109.79	109.80	109.81	109.81	109.79	109.76	109.71	109.67	109.61
74.0	104.23	104.29	104.31	104.32	104.31	104.29	104.26	104.22	104.17	104.12
74.5	98.86	98.92	98.93	98.94	98.93	98.90	98.87	98.83	98.78	98.72
75.0	93.66	93.71	93.72	93.72	93.70	93.68	93.64	93.59	93.54	93.48
75.5	88.65	88.70	88.70	88.70	88.68	88.65	88.61	88.56	88.51	88.45
76.0	83.80	83.84	83.84	83.83	83.82	83.78	83.74	83.70	83.64	83.58
76.5	79.09	79.13	79.13	79.12	79.09	79.06	79.02	78.97	78.91	78.85
77.0	74.50	74.54	74.53	74.52	74.49	74.46	74.42	74.36	74.31	74.25
77.5	69.99	70.02	70.01	70.00	69.98	69.95	69.91	69.86	69.81	69.76
78.0	65.57	65.60	65.60	65.59	65.57	65.55	65.51	65.47	65.42	65.37
78.5	61.26	61.30	61.30	61.30	61.28	61.26	61.23	61.20	61.16	61.12
79.0	57.05	57.08	57.09	57.09	57.08	57.06	57.04	57.01	56.98	56.94
79.5	52.94	52.97	52.97	52.97	52.96	52.94	52.91	52.88	52.84	52.81
80.0	48.89	48.91	48.90	48.89	48.87	48.85	48.81	48.78	48.74	48.70
80.5	44.84	44.86	44.84	44.82	44.79	44.75	44.71	44.66	44.61	44.56
81.0	40.82	40.82	40.79	40.75	40.71	40.66	40.61	40.55	40.49	40.43
81.5	36.80	36.79	36.74	36.70	36.64	36.58	36.51	36.45	36.38	36.31
82.0	32.78	32.76	32.69	32.63	32.56	32.49	32.41	32.32	32.24	32.16
82.5	28.73	28.68	28.59	28.51	28.41	28.31	28.21	28.11	28.01	27.92
83.0	24.72	24.64	24.53	24.42	24.30	24.18	24.06	23.94	23.83	23.72
83.5	20.77	20.68	20.54	20.42	20.29	20.15	20.02	19.89	19.77	19.65
84.0	16.96	16.85	16.72	16.58	16.45	16.31	16.18	16.05	15.92	15.81
84.5	13.32	13.21	13.09	12.97	12.85	12.73	12.62	12.51	12.40	12.31
85.0	9.97	9.88	9.78	9.68	9.58	9.49	9.39	9.31	9.23	9.15
85.5	7.04	6.95	6.85	6.76	6.68	6.60	6.52	6.45	6.38	6.32
86.0	4.64	4.56	4.48	4.40	4.33	4.26	4.20	4.14	4.09	4.05
86.5	3.02	2.96	2.90	2.85	2.80	2.75	2.71	2.67	2.64	2.62
87.0	2.00	1.96	1.92	1.89	1.87	1.84	1.82	1.80	1.79	1.78
87.5	1.57	1.54	1.53	1.51	1.49	1.48	1.47	1.46	1.45	1.44



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**CANDELA TABULATION - (Cont.)**

<b>88.0</b>	1.45	1.44	1.43	1.42	1.42	1.41	1.40	1.39	1.39	1.38
<b>88.5</b>	1.36	1.35	1.35	1.35	1.34	1.34	1.34	1.33	1.33	1.33
<b>89.0</b>	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
<b>89.5</b>	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
<b>90.0</b>	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34

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

	<u><b>175.0</b></u>	<u><b>177.5</b></u>	<u><b>180.0</b></u>	<u><b>182.5</b></u>	<u><b>185.0</b></u>	<u><b>187.5</b></u>	<u><b>190.0</b></u>	<u><b>192.5</b></u>	<u><b>195.0</b></u>	<u><b>197.5</b></u>
<b>0.0</b>	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
<b>0.5</b>	23522.93	23522.93	23522.92	23522.93	23522.93	23522.93	23522.93	23522.93	23522.93	23522.92
<b>1.0</b>	23524.82	23524.83	23524.82	23524.83	23524.82	23524.82	23524.81	23524.80	23524.79	23524.77
<b>1.5</b>	23527.83	23527.84	23527.84	23527.84	23527.83	23527.81	23527.79	23527.75	23527.71	23527.67
<b>2.0</b>	23530.46	23530.49	23530.50	23530.49	23530.46	23530.42	23530.37	23530.31	23530.24	23530.15
<b>2.5</b>	23531.90	23531.95	23531.97	23531.95	23531.90	23531.83	23531.74	23531.64	23531.51	23531.37
<b>3.0</b>	23530.66	23530.73	23530.76	23530.73	23530.66	23530.56	23530.45	23530.30	23530.13	23529.94
<b>3.5</b>	23524.90	23524.98	23525.02	23524.98	23524.90	23524.79	23524.66	23524.51	23524.33	23524.13
<b>4.0</b>	23514.87	23514.95	23514.99	23514.95	23514.87	23514.76	23514.64	23514.49	23514.33	23514.14
<b>4.5</b>	23500.11	23500.17	23500.20	23500.17	23500.11	23500.03	23499.95	23499.84	23499.73	23499.60
<b>5.0</b>	23480.87	23480.92	23480.95	23480.92	23480.87	23480.82	23480.77	23480.71	23480.64	23480.58
<b>5.5</b>	23457.31	23457.38	23457.41	23457.38	23457.31	23457.25	23457.18	23457.12	23457.06	23457.01
<b>6.0</b>	23429.27	23429.36	23429.41	23429.36	23429.27	23429.19	23429.11	23429.04	23428.98	23428.93
<b>6.5</b>	23396.78	23396.85	23396.90	23396.85	23396.78	23396.71	23396.66	23396.62	23396.58	23396.56
<b>7.0</b>	23359.48	23359.55	23359.60	23359.55	23359.48	23359.43	23359.38	23359.35	23359.33	23359.32
<b>7.5</b>	23317.31	23317.44	23317.52	23317.44	23317.31	23317.21	23317.11	23317.02	23316.93	23316.86
<b>8.0</b>	23269.44	23269.63	23269.74	23269.63	23269.44	23269.28	23269.11	23268.94	23268.79	23268.64
<b>8.5</b>	23215.44	23215.68	23215.81	23215.68	23215.44	23215.23	23215.01	23214.78	23214.56	23214.35
<b>9.0</b>	23154.02	23154.24	23154.37	23154.24	23154.02	23153.81	23153.60	23153.37	23153.15	23152.93
<b>9.5</b>	23083.86	23083.90	23083.93	23083.90	23083.86	23083.83	23083.79	23083.77	23083.74	23083.71
<b>10.0</b>	23004.59	23004.47	23004.40	23004.47	23004.59	23004.71	23004.83	23004.97	23005.11	23005.25
<b>10.5</b>	22916.01	22915.97	22915.95	22915.97	22916.01	22916.04	22916.06	22916.08	22916.10	22916.10
<b>11.0</b>	22816.24	22816.32	22816.36	22816.32	22816.24	22816.15	22816.03	22815.90	22815.75	22815.59
<b>11.5</b>	22703.04	22703.11	22703.14	22703.11	22703.04	22702.96	22702.86	22702.74	22702.61	22702.46
<b>12.0</b>	22577.34	22577.37	22577.38	22577.37	22577.34	22577.30	22577.25	22577.18	22577.11	22577.02
<b>12.5</b>	22439.46	22439.43	22439.42	22439.43	22439.46	22439.46	22439.45	22439.43	22439.40	22439.35
<b>13.0</b>	22289.03	22288.99	22288.96	22288.99	22289.03	22289.04	22289.03	22289.01	22288.96	22288.89
<b>13.5</b>	22126.29	22126.36	22126.39	22126.36	22126.29	22126.17	22126.02	22125.84	22125.62	22125.36
<b>14.0</b>	21949.76	21949.94	21950.03	21949.94	21949.76	21949.52	21949.23	21948.88	21948.47	21948.01
<b>14.5</b>	21757.46	21757.57	21757.61	21757.57	21757.46	21757.28	21757.02	21756.69	21756.29	21755.80
<b>15.0</b>	21551.17	21551.24	21551.24	21551.24	21551.17	21550.99	21550.73	21550.36	21549.90	21549.34
<b>15.5</b>	21332.50	21332.77	21332.88	21332.77	21332.50	21332.10	21331.55	21330.87	21330.05	21329.09
<b>16.0</b>	21099.93	21100.49	21100.75	21100.49	21099.93	21099.21	21098.28	21097.15	21095.84	21094.35
<b>16.5</b>	20852.30	20853.15	20853.55	20853.15	20852.30	20851.23	20849.89	20848.29	20846.45	20844.36
<b>17.0</b>	20590.16	20591.30	20591.84	20591.30	20590.16	20588.76	20587.01	20584.92	20582.52	20579.82
<b>17.5</b>	20313.88	20315.21	20315.83	20315.21	20313.88	20312.22	20310.13	20307.63	20304.75	20301.50
<b>18.0</b>	20022.98	20024.52	20025.23	20024.52	20022.98	20021.04	20018.58	20015.64	20012.24	20008.39
<b>18.5</b>	19717.15	19719.04	19719.92	19719.04	19717.15	19714.79	19711.82	19708.27	19704.16	19699.54
<b>19.0</b>	19396.22	19398.47	19399.52	19398.47	19396.22	19393.43	19389.93	19385.76	19380.94	19375.52
<b>19.5</b>	19059.85	19062.34	19063.50	19062.34	19059.85	19056.73	19052.82	19048.14	19042.73	19036.63
<b>20.0</b>	18708.27	18710.98	18712.23	18710.98	18708.27	18704.86	18700.56	18695.40	18689.44	18682.70
<b>20.5</b>	18341.16	18344.08	18345.43	18344.08	18341.16	18337.46	18332.79	18327.19	18320.69	18313.35
<b>21.0</b>	17959.89	17963.09	17964.56	17963.09	17959.89	17955.85	17950.75	17944.63	17937.54	17929.53
<b>21.5</b>	17566.92	17570.64	17572.37	17570.64	17566.92	17562.31	17556.52	17549.62	17541.64	17532.67
<b>22.0</b>	17158.66	17162.82	17164.79	17162.82	17158.66	17153.54	17147.14	17139.54	17130.80	17120.98
<b>22.5</b>	16730.94	16735.13	16737.09	16735.13	16730.94	16725.76	16719.26	16711.50	16702.57	16692.51
<b>23.0</b>	16287.86	16292.03	16293.97	16292.03	16287.86	16282.67	16276.13	16268.32	16259.29	16249.13

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**CANDELA TABULATION - (Cont.)**

23.5	15832.71	15837.25	15839.39	15837.25	15832.71	15827.15	15820.21	15811.97	15802.49	15791.86
24.0	15363.69	15368.54	15370.87	15368.54	15363.69	15357.84	15350.58	15342.01	15332.21	15321.25
24.5	14879.30	14884.03	14886.28	14884.03	14879.30	14873.59	14866.51	14858.13	14848.54	14837.81
25.0	14381.98	14386.40	14388.50	14386.40	14381.98	14376.59	14369.89	14361.94	14352.81	14342.59
25.5	13873.02	13877.15	13879.10	13877.15	13873.02	13867.98	13861.70	13854.25	13845.70	13836.12
26.0	13354.31	13358.08	13359.86	13358.08	13354.31	13349.71	13343.96	13337.14	13329.30	13320.51
26.5	12827.32	12830.61	12832.15	12830.61	12827.32	12823.27	12818.19	12812.16	12805.21	12797.39
27.0	12294.69	12297.50	12298.81	12297.50	12294.69	12291.21	12286.82	12281.60	12275.56	12268.77
27.5	11758.68	11761.13	11762.28	11761.13	11758.68	11755.64	11751.82	11747.27	11742.03	11736.13
28.0	11221.96	11224.08	11225.09	11224.08	11221.96	11219.34	11216.07	11212.18	11207.71	11202.69
28.5	10687.36	10689.13	10689.96	10689.13	10687.36	10685.20	10682.51	10679.31	10675.64	10671.53
29.0	10156.71	10158.08	10158.73	10158.08	10156.71	10155.04	10152.97	10150.51	10147.70	10144.55
29.5	9632.15	9633.00	9633.40	9633.00	9632.15	9631.09	9629.76	9628.17	9626.34	9624.29
30.0	9115.59	9115.96	9116.13	9115.96	9115.59	9115.10	9114.47	9113.72	9112.83	9111.82
30.5	8608.71	8608.81	8608.86	8608.81	8608.71	8608.59	8608.45	8608.28	8608.08	8607.86
31.0	8114.36	8114.24	8114.19	8114.24	8114.36	8114.55	8114.81	8115.14	8115.53	8115.99
31.5	7635.65	7635.23	7635.04	7635.23	7635.65	7636.20	7636.90	7637.76	7638.75	7639.89
32.0	7173.45	7172.77	7172.46	7172.77	7173.45	7174.31	7175.39	7176.70	7178.21	7179.92
32.5	6729.57	6728.77	6728.41	6728.77	6729.57	6730.60	6731.91	6733.49	6735.33	6737.43
33.0	6304.31	6303.46	6303.08	6303.46	6304.31	6305.44	6306.90	6308.67	6310.75	6313.12
33.5	5898.19	5897.29	5896.90	5897.29	5898.19	5899.40	5900.98	5902.90	5905.18	5907.78
34.0	5512.37	5511.45	5511.05	5511.45	5512.37	5513.64	5515.30	5517.34	5519.75	5522.53
34.5	5148.23	5147.28	5146.88	5147.28	5148.23	5149.54	5151.26	5153.39	5155.90	5158.80
35.0	4805.68	4804.72	4804.32	4804.72	4805.68	4807.01	4808.77	4810.94	4813.51	4816.48
35.5	4484.41	4483.40	4482.98	4483.40	4484.41	4485.81	4487.65	4489.91	4492.60	4495.69
36.0	4186.43	4185.52	4185.15	4185.52	4186.43	4187.73	4189.46	4191.60	4194.15	4197.11
36.5	3917.36	3917.17	3917.17	3917.17	3917.36	3917.91	3918.77	3919.95	3921.45	3923.29
37.0	3666.04	3666.29	3666.52	3666.29	3666.04	3666.10	3666.38	3666.91	3667.69	3668.75
37.5	3419.13	3418.33	3417.99	3418.33	3419.13	3420.21	3421.62	3423.35	3425.40	3427.74
38.0	3188.79	3186.91	3185.97	3186.91	3188.79	3190.94	3193.52	3196.51	3199.87	3203.55
38.5	2985.32	2983.71	2982.91	2983.71	2985.32	2987.15	2989.37	2991.93	2994.81	2997.97
39.0	2801.08	2800.04	2799.54	2800.04	2801.08	2802.30	2803.80	2805.56	2807.56	2809.78
39.5	2632.44	2631.60	2631.19	2631.60	2632.44	2633.44	2634.66	2636.10	2637.74	2639.56
40.0	2477.68	2476.93	2476.57	2476.93	2477.68	2478.55	2479.61	2480.85	2482.25	2483.79
40.5	2333.61	2332.91	2332.56	2332.91	2333.61	2334.39	2335.34	2336.42	2337.63	2338.96
41.0	2201.01	2200.35	2200.01	2200.35	2201.01	2201.72	2202.55	2203.49	2204.53	2205.65
41.5	2080.45	2079.91	2079.62	2079.91	2080.45	2081.02	2081.67	2082.39	2083.18	2084.01
42.0	1969.41	1968.98	1968.76	1968.98	1969.41	1969.82	1970.29	1970.80	1971.33	1971.88
42.5	1865.27	1864.93	1864.73	1864.93	1865.27	1865.58	1865.92	1866.26	1866.60	1866.93
43.0	1768.83	1768.54	1768.37	1768.54	1768.83	1769.06	1769.28	1769.49	1769.67	1769.82
43.5	1680.37	1680.11	1679.94	1680.11	1680.37	1680.57	1680.74	1680.87	1680.95	1680.98
44.0	1598.79	1598.58	1598.44	1598.58	1598.79	1598.92	1598.99	1599.01	1598.96	1598.84
44.5	1523.87	1523.88	1523.85	1523.88	1523.87	1523.76	1523.56	1523.27	1522.88	1522.40
45.0	1453.21	1453.43	1453.52	1453.43	1453.21	1452.87	1452.41	1451.83	1451.14	1450.33
45.5	1383.21	1383.48	1383.59	1383.48	1383.21	1382.84	1382.35	1381.74	1381.02	1380.18
46.0	1317.23	1317.48	1317.59	1317.48	1317.23	1316.87	1316.40	1315.82	1315.12	1314.32
46.5	1258.30	1258.57	1258.68	1258.57	1258.30	1257.91	1257.40	1256.76	1256.00	1255.13
47.0	1203.70	1204.01	1204.13	1204.01	1203.70	1203.27	1202.69	1201.98	1201.13	1200.15
47.5	1151.68	1152.07	1152.24	1152.07	1151.68	1151.16	1150.49	1149.67	1148.71	1147.61
48.0	1102.40	1102.87	1103.08	1102.87	1102.40	1101.80	1101.04	1100.12	1099.06	1097.85
48.5	1055.38	1055.88	1056.10	1055.88	1055.38	1054.75	1053.96	1053.01	1051.90	1050.66
49.0	1010.73	1011.24	1011.47	1011.24	1010.73	1010.09	1009.28	1008.31	1007.19	1005.93
49.5	968.49	969.02	969.27	969.02	968.49	967.83	966.99	966.00	964.86	963.57
50.0	928.36	928.91	929.18	928.91	928.36	927.68	926.82	925.81	924.65	923.35
50.5	890.07	890.64	890.91	890.64	890.07	889.39	888.53	887.51	886.35	885.04
51.0	853.54	854.11	854.38	854.11	853.54	852.85	851.99	850.97	849.80	848.50

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**CANDELA TABULATION - (Cont.)**

51.5	818.65	819.25	819.53	819.25	818.65	817.94	817.06	816.03	814.85	813.53
52.0	785.17	785.78	786.08	785.78	785.17	784.44	783.56	782.52	781.34	780.03
52.5	752.75	753.34	753.62	753.34	752.75	752.05	751.20	750.20	749.06	747.80
53.0	721.63	722.19	722.46	722.19	721.63	720.96	720.15	719.19	718.10	716.89
53.5	692.06	692.62	692.90	692.62	692.06	691.40	690.60	689.66	688.59	687.41
54.0	663.66	664.22	664.50	664.22	663.66	663.01	662.21	661.28	660.23	659.07
54.5	636.06	636.61	636.88	636.61	636.06	635.42	634.65	633.75	632.74	631.61
55.0	609.45	609.98	610.24	609.98	609.45	608.83	608.09	607.22	606.24	605.16
55.5	583.98	584.51	584.77	584.51	583.98	583.37	582.63	581.78	580.82	579.77
56.0	559.44	559.97	560.23	559.97	559.44	558.84	558.12	557.29	556.35	555.33
56.5	535.65	536.16	536.41	536.16	535.65	535.08	534.39	533.59	532.70	531.72
57.0	512.69	513.18	513.42	513.18	512.69	512.14	511.48	510.72	509.87	508.94
57.5	490.57	491.06	491.30	491.06	490.57	490.03	489.38	488.63	487.80	486.90
58.0	469.29	469.77	470.02	469.77	469.29	468.75	468.11	467.38	466.57	465.69
58.5	448.88	449.36	449.60	449.36	448.88	448.35	447.73	447.02	446.24	445.39
59.0	429.23	429.70	429.94	429.70	429.23	428.72	428.12	427.44	426.69	425.87
59.5	410.21	410.66	410.90	410.66	410.21	409.72	409.14	408.49	407.76	406.99
60.0	391.93	392.37	392.60	392.37	391.93	391.46	390.91	390.28	389.59	388.85
60.5	374.53	374.95	375.16	374.95	374.53	374.08	373.55	372.96	372.31	371.61
61.0	357.83	358.24	358.45	358.24	357.83	357.40	356.89	356.32	355.69	355.03
61.5	341.77	342.20	342.43	342.20	341.77	341.31	340.78	340.19	339.55	338.86
62.0	326.25	326.69	326.92	326.69	326.25	325.78	325.25	324.66	324.01	323.33
62.5	311.06	311.43	311.62	311.43	311.06	310.67	310.22	309.72	309.18	308.60
63.0	296.49	296.77	296.91	296.77	296.49	296.19	295.84	295.45	295.02	294.57
63.5	282.75	282.97	283.09	282.97	282.75	282.50	282.21	281.88	281.52	281.13
64.0	269.79	269.97	270.07	269.97	269.79	269.58	269.33	269.06	268.75	268.41
64.5	257.68	257.82	257.90	257.82	257.68	257.51	257.31	257.08	256.82	256.53
65.0	246.27	246.39	246.44	246.39	246.27	246.14	245.98	245.79	245.57	245.33
65.5	235.48	235.56	235.60	235.56	235.48	235.38	235.25	235.10	234.92	234.72
66.0	225.23	225.28	225.30	225.28	225.23	225.15	225.05	224.93	224.78	224.61
66.5	215.45	215.49	215.51	215.49	215.45	215.39	215.31	215.20	215.07	214.92
67.0	206.04	206.07	206.08	206.07	206.04	205.99	205.92	205.83	205.72	205.59
67.5	196.83	196.84	196.84	196.84	196.83	196.80	196.75	196.68	196.60	196.49
68.0	187.93	187.92	187.91	187.92	187.93	187.92	187.89	187.85	187.79	187.71
68.5	179.49	179.48	179.47	179.48	179.49	179.49	179.47	179.43	179.38	179.32
69.0	171.29	171.28	171.26	171.28	171.29	171.29	171.28	171.26	171.21	171.16
69.5	163.08	163.05	163.03	163.05	163.08	163.09	163.09	163.08	163.06	163.02
70.0	155.09	155.05	155.02	155.05	155.09	155.12	155.14	155.15	155.16	155.15
70.5	147.52	147.46	147.42	147.46	147.52	147.58	147.62	147.66	147.70	147.72
71.0	140.33	140.24	140.19	140.24	140.33	140.40	140.47	140.54	140.60	140.65
71.5	133.54	133.44	133.39	133.44	133.54	133.61	133.69	133.77	133.83	133.89
72.0	127.10	127.01	126.96	127.01	127.10	127.18	127.26	127.33	127.40	127.45
72.5	121.03	120.94	120.89	120.94	121.03	121.09	121.16	121.23	121.28	121.33
73.0	115.21	115.13	115.09	115.13	115.21	115.27	115.33	115.38	115.42	115.46
73.5	109.56	109.49	109.44	109.49	109.56	109.61	109.67	109.71	109.76	109.79
74.0	104.06	103.99	103.95	103.99	104.06	104.12	104.17	104.22	104.26	104.29
74.5	98.67	98.60	98.55	98.60	98.67	98.72	98.78	98.83	98.87	98.90
75.0	93.42	93.35	93.31	93.35	93.42	93.48	93.54	93.59	93.64	93.68
75.5	88.39	88.32	88.28	88.32	88.39	88.45	88.51	88.56	88.61	88.65
76.0	83.53	83.46	83.42	83.46	83.53	83.58	83.64	83.70	83.74	83.78
76.5	78.79	78.72	78.68	78.72	78.79	78.85	78.91	78.97	79.02	79.06
77.0	74.19	74.12	74.08	74.12	74.19	74.25	74.31	74.36	74.42	74.46
77.5	69.70	69.64	69.60	69.64	69.70	69.76	69.81	69.86	69.91	69.95
78.0	65.33	65.27	65.23	65.27	65.33	65.37	65.42	65.47	65.51	65.55
78.5	61.07	61.02	60.99	61.02	61.07	61.12	61.16	61.20	61.23	61.26
79.0	56.90	56.85	56.83	56.85	56.90	56.94	56.98	57.01	57.04	57.06

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**CANDELA TABULATION - (Cont.)**

79.5	52.77	52.72	52.69	52.72	52.77	52.81	52.84	52.88	52.91	52.94
80.0	48.65	48.60	48.58	48.60	48.65	48.70	48.74	48.78	48.81	48.85
80.5	44.52	44.46	44.43	44.46	44.52	44.56	44.61	44.66	44.71	44.75
81.0	40.37	40.31	40.27	40.31	40.37	40.43	40.49	40.55	40.61	40.66
81.5	36.24	36.17	36.13	36.17	36.24	36.31	36.38	36.45	36.51	36.58
82.0	32.09	32.01	31.97	32.01	32.09	32.16	32.24	32.32	32.41	32.49
82.5	27.83	27.74	27.69	27.74	27.83	27.92	28.01	28.11	28.21	28.31
83.0	23.62	23.52	23.47	23.52	23.62	23.72	23.83	23.94	24.06	24.18
83.5	19.55	19.45	19.39	19.45	19.55	19.65	19.77	19.89	20.02	20.15
84.0	15.71	15.61	15.55	15.61	15.71	15.81	15.92	16.05	16.18	16.31
84.5	12.22	12.14	12.10	12.14	12.22	12.31	12.40	12.51	12.62	12.73
85.0	9.09	9.03	9.00	9.03	9.09	9.15	9.23	9.31	9.39	9.49
85.5	6.28	6.23	6.21	6.23	6.28	6.32	6.38	6.45	6.52	6.60
86.0	4.01	3.98	3.97	3.98	4.01	4.05	4.09	4.14	4.20	4.26
86.5	2.60	2.58	2.57	2.58	2.60	2.62	2.64	2.67	2.71	2.75
87.0	1.77	1.76	1.76	1.76	1.77	1.78	1.79	1.80	1.82	1.84
87.5	1.44	1.43	1.43	1.43	1.44	1.44	1.45	1.46	1.47	1.48
88.0	1.38	1.37	1.37	1.37	1.38	1.38	1.39	1.39	1.40	1.41
88.5	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34
89.0	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
89.5	1.32	1.33	1.33	1.33	1.32	1.32	1.32	1.32	1.32	1.32
90.0	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.34	1.34

**Vert.  
Angles**

**Horizontal Angles**

	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.92	23522.91	23522.91	23522.90	23522.89	23522.86	23522.83	23522.79	23522.76	23522.73
1.0	23524.74	23524.72	23524.69	23524.66	23524.62	23524.54	23524.46	23524.38	23524.29	23524.21
1.5	23527.61	23527.55	23527.48	23527.41	23527.32	23527.18	23527.03	23526.88	23526.73	23526.58
2.0	23530.05	23529.94	23529.82	23529.70	23529.54	23529.33	23529.09	23528.86	23528.62	23528.38
2.5	23531.21	23531.03	23530.83	23530.63	23530.39	23530.07	23529.72	23529.37	23529.01	23528.66
3.0	23529.73	23529.49	23529.24	23528.98	23528.67	23528.26	23527.81	23527.37	23526.93	23526.50
3.5	23523.90	23523.66	23523.40	23523.13	23522.82	23522.41	23521.96	23521.51	23521.08	23520.65
4.0	23513.94	23513.72	23513.49	23513.26	23512.99	23512.62	23512.22	23511.83	23511.46	23511.10
4.5	23499.46	23499.32	23499.17	23499.02	23498.84	23498.57	23498.27	23498.00	23497.74	23497.50
5.0	23480.51	23480.44	23480.37	23480.32	23480.24	23480.09	23479.92	23479.79	23479.66	23479.57
5.5	23456.96	23456.91	23456.88	23456.87	23456.86	23456.83	23456.81	23456.82	23456.86	23456.93
6.0	23428.89	23428.86	23428.86	23428.87	23428.91	23428.98	23429.09	23429.22	23429.39	23429.60
6.5	23396.56	23396.57	23396.61	23396.67	23396.76	23396.87	23397.02	23397.20	23397.42	23397.68
7.0	23359.33	23359.36	23359.42	23359.50	23359.60	23359.73	23359.89	23360.09	23360.32	23360.60
7.5	23316.81	23316.78	23316.78	23316.80	23316.87	23316.99	23317.16	23317.37	23317.63	23317.93
8.0	23268.51	23268.40	23268.32	23268.27	23268.28	23268.38	23268.55	23268.76	23269.02	23269.33
8.5	23214.15	23213.97	23213.83	23213.70	23213.65	23213.73	23213.89	23214.09	23214.34	23214.65
9.0	23152.73	23152.54	23152.38	23152.23	23152.15	23152.19	23152.30	23152.44	23152.63	23152.87
9.5	23083.70	23083.69	23083.68	23083.70	23083.71	23083.65	23083.59	23083.57	23083.56	23083.60
10.0	23005.39	23005.53	23005.65	23005.80	23005.87	23005.70	23005.46	23005.25	23005.04	23004.86
10.5	22916.10	22916.09	22916.06	22916.05	22915.97	22915.68	22915.33	22915.00	22914.69	22914.40
11.0	22815.41	22815.22	22815.02	22814.82	22814.58	22814.21	22813.79	22813.40	22813.04	22812.70
11.5	22702.30	22702.13	22701.95	22701.77	22701.55	22701.20	22700.80	22700.44	22700.09	22699.78
12.0	22576.92	22576.81	22576.69	22576.57	22576.40	22576.07	22575.69	22575.33	22574.99	22574.68
12.5	22439.29	22439.20	22439.10	22439.01	22438.83	22438.42	22437.92	22437.46	22437.00	22436.57
13.0	22288.80	22288.68	22288.53	22288.39	22288.14	22287.59	22286.93	22286.31	22285.69	22285.08
13.5	22125.06	22124.73	22124.37	22124.01	22123.55	22122.85	22122.05	22121.29	22120.53	22119.78
14.0	21947.49	21946.93	21946.32	21945.70	21944.99	21944.05	21943.04	21942.04	21941.05	21940.06
14.5	21755.25	21754.62	21753.92	21753.20	21752.30	21751.00	21749.54	21748.09	21746.61	21745.14

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**CANDELA TABULATION - (Cont.)**

15.0	21548.67	21547.90	21547.03	21546.11	21544.94	21543.19	21541.20	21539.22	21537.20	21535.15
15.5	21328.00	21326.77	21325.42	21324.00	21322.33	21320.12	21317.69	21315.23	21312.73	21310.21
16.0	21092.69	21090.86	21088.88	21086.80	21084.48	21081.71	21078.73	21075.72	21072.65	21069.55
16.5	20842.06	20839.55	20836.85	20834.01	20830.91	20827.38	20823.64	20819.84	20815.98	20812.07
17.0	20576.84	20573.60	20570.12	20566.46	20562.50	20558.08	20553.41	20548.67	20543.84	20538.96
17.5	20297.90	20293.98	20289.75	20285.30	20280.47	20275.04	20269.28	20263.42	20257.44	20251.38
18.0	20004.13	19999.46	19994.43	19989.13	19983.35	19976.81	19969.87	19962.80	19955.58	19948.25
18.5	19694.43	19688.84	19682.83	19676.49	19669.62	19661.95	19653.83	19645.55	19637.10	19628.52
19.0	19369.53	19363.00	19355.98	19348.57	19340.58	19331.73	19322.39	19312.86	19303.12	19293.24
19.5	19029.88	19022.52	19014.59	19006.22	18997.17	18987.09	18976.44	18965.57	18954.45	18943.16
20.0	18675.24	18667.08	18658.28	18648.99	18638.91	18627.61	18615.65	18603.43	18590.93	18578.22
20.5	18305.20	18296.29	18286.67	18276.50	18265.45	18253.00	18239.79	18226.30	18212.49	18198.46
21.0	17920.64	17910.92	17900.43	17889.35	17877.30	17863.76	17849.39	17834.72	17819.71	17804.44
21.5	17522.75	17511.95	17500.32	17488.04	17474.82	17460.22	17444.82	17429.10	17413.01	17396.67
22.0	17110.16	17098.40	17085.78	17072.44	17058.18	17042.66	17026.37	17009.71	16992.70	16975.42
22.5	16681.40	16669.31	16656.30	16642.57	16627.79	16611.52	16594.39	16576.88	16558.97	16540.79
23.0	16237.88	16225.61	16212.40	16198.45	16183.38	16166.66	16149.00	16130.96	16112.50	16093.75
23.5	15780.15	15767.44	15753.79	15739.37	15723.98	15707.31	15689.85	15671.99	15653.73	15635.18
24.0	15309.23	15296.22	15282.31	15267.62	15252.12	15235.74	15218.73	15201.29	15183.49	15165.41
24.5	14826.03	14813.28	14799.63	14785.21	14769.98	14753.82	14737.02	14719.80	14702.21	14684.34
25.0	14331.35	14319.15	14306.08	14292.26	14277.60	14261.90	14245.53	14228.74	14211.58	14194.14
25.5	13825.57	13814.13	13801.85	13788.87	13775.09	13760.39	13745.05	13729.30	13713.19	13696.79
26.0	13310.83	13300.33	13289.06	13277.12	13264.46	13251.03	13237.01	13222.59	13207.82	13192.75
26.5	12788.78	12779.41	12769.33	12758.64	12747.30	12735.23	12722.63	12709.64	12696.29	12682.65
27.0	12261.27	12253.09	12244.29	12234.92	12224.97	12214.39	12203.33	12191.89	12180.11	12168.04
27.5	11729.61	11722.52	11714.88	11706.74	11698.14	11689.13	11679.72	11669.98	11659.92	11649.59
28.0	11197.14	11191.12	11184.65	11177.74	11170.51	11163.10	11155.43	11147.43	11139.16	11130.65
28.5	10667.00	10662.09	10656.82	10651.17	10645.33	10639.55	10633.62	10627.39	10620.91	10614.21
29.0	10141.08	10137.32	10133.30	10128.95	10124.53	10120.37	10116.16	10111.66	10106.96	10102.04
29.5	9622.02	9619.54	9616.88	9613.97	9611.05	9608.46	9605.86	9603.01	9599.97	9596.73
30.0	9110.69	9109.45	9108.09	9106.55	9105.08	9104.03	9103.02	9101.79	9100.39	9098.81
30.5	8607.62	8607.36	8607.08	8606.66	8606.46	8606.99	8607.70	8608.19	8608.55	8608.74
31.0	8116.51	8117.11	8117.76	8118.33	8119.26	8121.20	8123.46	8125.52	8127.47	8129.28
31.5	7641.16	7642.55	7644.07	7645.54	7647.44	7650.40	7653.72	7656.86	7659.93	7662.87
32.0	7181.82	7183.89	7186.13	7188.38	7191.08	7194.86	7199.03	7203.05	7207.02	7210.87
32.5	6739.76	6742.31	6745.08	6747.89	6751.22	6755.76	6760.75	6765.61	6770.45	6775.19
33.0	6315.77	6318.69	6321.87	6325.11	6328.96	6334.16	6339.88	6345.49	6351.11	6356.65
33.5	5910.70	5913.93	5917.47	5921.09	5925.39	5931.19	5937.58	5943.88	5950.20	5956.48
34.0	5525.66	5529.13	5532.94	5536.85	5541.50	5547.78	5554.72	5561.57	5568.46	5575.33
34.5	5162.07	5165.71	5169.69	5173.79	5178.67	5185.26	5192.53	5199.72	5206.97	5214.19
35.0	4819.83	4823.55	4827.64	4831.85	4836.87	4843.61	4851.06	4858.43	4865.88	4873.32
35.5	4499.17	4503.04	4507.29	4511.69	4516.87	4523.72	4531.25	4538.75	4546.34	4553.93
36.0	4200.45	4204.18	4208.29	4212.56	4217.60	4224.30	4231.68	4239.05	4246.53	4254.03
36.5	3925.48	3928.02	3930.92	3933.92	3937.83	3943.72	3950.43	3957.11	3963.92	3970.80
37.0	3670.11	3671.77	3673.77	3675.82	3678.81	3683.92	3689.89	3695.81	3701.86	3707.99
37.5	3430.38	3433.30	3436.50	3439.79	3443.68	3448.85	3454.54	3460.17	3465.84	3471.50
38.0	3207.53	3211.76	3216.22	3220.81	3225.64	3230.87	3236.25	3241.58	3246.87	3252.04
38.5	3001.38	3005.02	3008.84	3012.78	3016.93	3021.43	3026.07	3030.66	3035.22	3039.68
39.0	2812.21	2814.82	2817.60	2820.47	2823.59	2827.20	2831.01	2834.78	2838.55	2842.27
39.5	2641.55	2643.69	2645.97	2648.31	2650.88	2653.89	2657.07	2660.22	2663.36	2666.45
40.0	2485.48	2487.28	2489.19	2491.14	2493.27	2495.74	2498.34	2500.90	2503.43	2505.91
40.5	2340.39	2341.90	2343.48	2345.10	2346.81	2348.72	2350.69	2352.61	2354.50	2356.32
41.0	2206.84	2208.07	2209.35	2210.64	2211.96	2213.32	2214.68	2215.99	2217.25	2218.43
41.5	2084.88	2085.77	2086.67	2087.57	2088.46	2089.30	2090.10	2090.85	2091.54	2092.16
42.0	1972.44	1972.99	1973.53	1974.05	1974.52	1974.87	1975.16	1975.39	1975.55	1975.65
42.5	1867.24	1867.52	1867.76	1867.97	1868.08	1868.00	1867.79	1867.54	1867.22	1866.82

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**CANDELA TABULATION - (Cont.)**

43.0	1769.92	1769.97	1769.96	1769.91	1769.72	1769.23	1768.60	1767.91	1767.14	1766.30
43.5	1680.95	1680.84	1680.65	1680.41	1679.98	1679.17	1678.17	1677.11	1675.95	1674.71
44.0	1598.64	1598.34	1597.94	1597.49	1596.82	1595.71	1594.39	1593.01	1591.53	1589.95
44.5	1521.82	1521.13	1520.33	1519.47	1518.40	1516.95	1515.30	1513.60	1511.82	1509.96
45.0	1449.41	1448.38	1447.24	1446.01	1444.62	1442.93	1441.09	1439.20	1437.23	1435.21
45.5	1379.23	1378.18	1377.02	1375.78	1374.41	1372.85	1371.17	1369.43	1367.61	1365.72
46.0	1313.41	1312.41	1311.30	1310.09	1308.79	1307.37	1305.87	1304.27	1302.60	1300.84
46.5	1254.14	1253.03	1251.81	1250.50	1249.05	1247.44	1245.71	1243.90	1242.00	1240.02
47.0	1199.04	1197.80	1196.44	1194.99	1193.37	1191.51	1189.50	1187.42	1185.26	1183.02
47.5	1146.37	1145.01	1143.52	1141.93	1140.20	1138.25	1136.18	1134.03	1131.81	1129.51
48.0	1096.51	1095.04	1093.45	1091.75	1089.93	1087.96	1085.88	1083.72	1081.50	1079.21
48.5	1049.28	1047.77	1046.13	1044.40	1042.54	1040.55	1038.45	1036.28	1034.04	1031.74
49.0	1004.53	1003.01	1001.36	999.61	997.74	995.75	993.65	991.49	989.25	986.96
49.5	962.15	960.61	958.94	957.17	955.30	953.32	951.26	949.12	946.92	944.66
50.0	921.91	920.36	918.68	916.90	915.03	913.08	911.05	908.95	906.78	904.57
50.5	883.61	882.05	880.38	878.60	876.73	874.79	872.78	870.70	868.56	866.37
51.0	847.07	845.51	843.85	842.09	840.24	838.32	836.34	834.29	832.18	830.03
51.5	812.09	810.54	808.89	807.13	805.30	803.45	801.55	799.58	797.57	795.51
52.0	778.60	777.06	775.43	773.69	771.91	770.13	768.32	766.45	764.53	762.57
52.5	746.42	744.94	743.36	741.69	739.97	738.25	736.50	734.70	732.85	730.96
53.0	715.57	714.15	712.64	711.04	709.39	707.74	706.06	704.31	702.53	700.71
53.5	686.12	684.73	683.26	681.71	680.11	678.54	676.94	675.28	673.59	671.87
54.0	657.81	656.46	655.03	653.52	651.97	650.47	648.96	647.40	645.80	644.18
54.5	630.40	629.09	627.72	626.26	624.77	623.34	621.90	620.40	618.88	617.33
55.0	603.98	602.73	601.40	600.00	598.58	597.21	595.84	594.42	592.97	591.50
55.5	578.63	577.42	576.14	574.78	573.42	572.14	570.86	569.54	568.20	566.83
56.0	554.22	553.05	551.82	550.51	549.21	548.02	546.84	545.62	544.38	543.12
56.5	530.67	529.55	528.38	527.14	525.91	524.79	523.69	522.54	521.38	520.21
57.0	507.94	506.87	505.76	504.59	503.42	502.37	501.34	500.28	499.20	498.10
57.5	485.93	484.91	483.84	482.71	481.60	480.63	479.69	478.71	477.72	476.73
58.0	464.74	463.75	462.72	461.63	460.58	459.68	458.83	457.95	457.05	456.15
58.5	444.48	443.53	442.54	441.50	440.50	439.67	438.90	438.09	437.27	436.45
59.0	425.00	424.09	423.15	422.16	421.21	420.45	419.74	419.00	418.26	417.51
59.5	406.16	405.30	404.41	403.46	402.58	401.88	401.25	400.58	399.91	399.24
60.0	388.07	387.25	386.41	385.52	384.69	384.06	383.50	382.91	382.31	381.72
60.5	370.87	370.10	369.31	368.48	367.70	367.14	366.65	366.13	365.61	365.08
61.0	354.32	353.59	352.84	352.05	351.33	350.83	350.41	349.95	349.50	349.05
61.5	338.14	337.40	336.65	335.86	335.15	334.70	334.35	333.97	333.59	333.21
62.0	322.62	321.89	321.15	320.37	319.69	319.29	319.00	318.67	318.35	318.04
62.5	308.00	307.38	306.75	306.08	305.49	305.14	304.87	304.58	304.29	304.00
63.0	294.09	293.59	293.08	292.54	292.05	291.74	291.48	291.20	290.92	290.64
63.5	280.73	280.30	279.86	279.39	278.96	278.66	278.41	278.13	277.85	277.56
64.0	268.06	267.68	267.30	266.88	266.49	266.20	265.93	265.64	265.34	265.04
64.5	256.23	255.90	255.56	255.20	254.84	254.54	254.24	253.93	253.61	253.28
65.0	245.07	244.79	244.48	244.16	243.83	243.51	243.19	242.85	242.50	242.15
65.5	234.49	234.25	233.98	233.70	233.39	233.07	232.72	232.36	231.99	231.61
66.0	224.42	224.20	223.97	223.71	223.43	223.10	222.74	222.37	221.99	221.59
66.5	214.75	214.55	214.34	214.10	213.84	213.51	213.15	212.77	212.39	211.99
67.0	205.43	205.26	205.06	204.85	204.60	204.28	203.92	203.56	203.18	202.79
67.5	196.37	196.23	196.06	195.88	195.67	195.37	195.03	194.68	194.32	193.95
68.0	187.62	187.50	187.37	187.22	187.03	186.75	186.43	186.11	185.76	185.41
68.5	179.23	179.13	179.00	178.87	178.69	178.42	178.11	177.78	177.45	177.10
69.0	171.08	170.99	170.87	170.75	170.58	170.32	170.02	169.70	169.38	169.04
69.5	162.97	162.90	162.82	162.72	162.59	162.36	162.08	161.80	161.51	161.21
70.0	155.12	155.09	155.03	154.97	154.87	154.67	154.42	154.18	153.92	153.64
70.5	147.73	147.73	147.71	147.68	147.60	147.41	147.17	146.93	146.67	146.40

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**CANDELA TABULATION - (Cont.)**

71.0	140.68	140.71	140.71	140.71	140.66	140.47	140.23	139.98	139.72	139.45
71.5	133.94	133.97	133.99	134.00	133.95	133.77	133.53	133.29	133.03	132.76
72.0	127.50	127.53	127.54	127.56	127.51	127.33	127.09	126.85	126.60	126.33
72.5	121.36	121.39	121.39	121.39	121.34	121.16	120.92	120.69	120.43	120.17
73.0	115.48	115.49	115.48	115.47	115.41	115.23	115.00	114.77	114.52	114.26
73.5	109.81	109.81	109.80	109.79	109.72	109.55	109.32	109.09	108.84	108.59
74.0	104.31	104.32	104.31	104.29	104.23	104.05	103.83	103.61	103.37	103.11
74.5	98.93	98.94	98.93	98.92	98.86	98.69	98.48	98.26	98.03	97.78
75.0	93.70	93.72	93.72	93.71	93.66	93.50	93.29	93.08	92.86	92.62
75.5	88.68	88.70	88.70	88.70	88.65	88.50	88.30	88.10	87.88	87.66
76.0	83.82	83.83	83.84	83.84	83.80	83.65	83.46	83.26	83.06	82.84
76.5	79.09	79.12	79.13	79.13	79.09	78.95	78.76	78.56	78.36	78.14
77.0	74.49	74.52	74.53	74.54	74.50	74.36	74.17	73.98	73.78	73.57
77.5	69.98	70.00	70.01	70.02	69.99	69.86	69.68	69.51	69.32	69.13
78.0	65.57	65.59	65.60	65.60	65.57	65.45	65.29	65.13	64.96	64.78
78.5	61.28	61.30	61.30	61.30	61.26	61.14	60.99	60.84	60.67	60.50
79.0	57.08	57.09	57.09	57.08	57.05	56.93	56.79	56.64	56.48	56.32
79.5	52.96	52.97	52.97	52.97	52.94	52.83	52.69	52.55	52.40	52.25
80.0	48.87	48.89	48.90	48.91	48.89	48.79	48.65	48.52	48.39	48.24
80.5	44.79	44.82	44.84	44.86	44.84	44.75	44.63	44.50	44.37	44.23
81.0	40.71	40.75	40.79	40.82	40.82	40.74	40.61	40.50	40.37	40.24
81.5	36.64	36.70	36.74	36.79	36.80	36.72	36.61	36.50	36.38	36.25
82.0	32.56	32.63	32.69	32.76	32.78	32.72	32.61	32.51	32.40	32.29
82.5	28.41	28.51	28.59	28.68	28.73	28.69	28.61	28.53	28.45	28.36
83.0	24.30	24.42	24.53	24.64	24.72	24.70	24.65	24.60	24.55	24.48
83.5	20.29	20.42	20.54	20.68	20.77	20.78	20.76	20.74	20.71	20.68
84.0	16.45	16.58	16.72	16.85	16.96	17.00	17.00	17.01	17.01	17.00
84.5	12.85	12.97	13.09	13.21	13.32	13.37	13.40	13.43	13.45	13.47
85.0	9.58	9.68	9.78	9.88	9.97	10.04	10.09	10.14	10.19	10.24
85.5	6.68	6.76	6.85	6.95	7.04	7.12	7.19	7.27	7.35	7.42
86.0	4.33	4.40	4.48	4.56	4.64	4.73	4.83	4.92	5.01	5.11
86.5	2.80	2.85	2.90	2.96	3.02	3.10	3.18	3.27	3.35	3.44
87.0	1.87	1.89	1.92	1.96	2.00	2.05	2.12	2.18	2.24	2.31
87.5	1.49	1.51	1.53	1.54	1.57	1.60	1.63	1.67	1.71	1.74
88.0	1.42	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50
88.5	1.34	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.37	1.37
89.0	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34
89.5	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.33	1.33	1.33
90.0	1.35	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.36

**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	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.70	23522.67	23522.64	23522.62	23522.60	23522.58	23522.58	23522.61	23522.65	23522.69
1.0	23524.13	23524.06	23523.98	23523.92	23523.86	23523.80	23523.78	23523.82	23523.89	23523.96
1.5	23526.43	23526.28	23526.14	23526.02	23525.90	23525.78	23525.70	23525.73	23525.80	23525.87
2.0	23528.15	23527.93	23527.71	23527.51	23527.32	23527.13	23527.00	23527.02	23527.11	23527.18
2.5	23528.32	23527.99	23527.67	23527.38	23527.11	23526.84	23526.66	23526.71	23526.85	23526.99
3.0	23526.08	23525.67	23525.29	23524.94	23524.62	23524.30	23524.11	23524.23	23524.47	23524.71
3.5	23520.25	23519.87	23519.52	23519.20	23518.94	23518.67	23518.56	23518.82	23519.22	23519.62
4.0	23510.77	23510.47	23510.21	23509.99	23509.82	23509.66	23509.67	23510.10	23510.69	23511.27
4.5	23497.29	23497.11	23496.97	23496.88	23496.85	23496.81	23496.96	23497.54	23498.31	23499.05
5.0	23479.51	23479.48	23479.49	23479.55	23479.67	23479.78	23480.07	23480.82	23481.75	23482.66
5.5	23457.03	23457.17	23457.36	23457.59	23457.87	23458.13	23458.59	23459.51	23460.60	23461.65
6.0	23429.85	23430.13	23430.46	23430.84	23431.27	23431.67	23432.27	23433.34	23434.58	23435.77

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**CANDELA TABULATION - (Cont.)**

6.5	23397.98	23398.32	23398.71	23399.15	23399.64	23400.11	23400.78	23401.97	23403.35	23404.66
7.0	23360.92	23361.29	23361.70	23362.17	23362.70	23363.20	23363.93	23365.22	23366.71	23368.14
7.5	23318.29	23318.70	23319.16	23319.69	23320.27	23320.84	23321.64	23323.03	23324.64	23326.17
8.0	23269.71	23270.14	23270.63	23271.18	23271.80	23272.41	23273.25	23274.71	23276.38	23277.98
8.5	23215.01	23215.43	23215.91	23216.46	23217.07	23217.65	23218.47	23219.89	23221.53	23223.09
9.0	23153.16	23153.51	23153.91	23154.37	23154.89	23155.38	23156.11	23157.46	23159.03	23160.52
9.5	23083.67	23083.78	23083.94	23084.16	23084.43	23084.66	23085.18	23086.45	23087.98	23089.42
10.0	23004.70	23004.57	23004.49	23004.46	23004.50	23004.46	23004.78	23005.99	23007.52	23008.93
10.5	22914.14	22913.92	22913.75	22913.63	22913.58	22913.46	22913.72	22914.98	22916.58	22918.05
11.0	22812.39	22812.13	22811.93	22811.79	22811.72	22811.57	22811.83	22813.16	22814.85	22816.39
11.5	22699.49	22699.25	22699.06	22698.93	22698.87	22698.72	22698.98	22700.35	22702.09	22703.66
12.0	22574.39	22574.14	22573.95	22573.81	22573.74	22573.57	22573.82	22575.21	22576.98	22578.58
12.5	22436.16	22435.79	22435.48	22435.23	22435.04	22434.76	22434.94	22436.36	22438.21	22439.88
13.0	22284.51	22283.97	22283.48	22283.07	22282.73	22282.28	22282.34	22283.76	22285.64	22287.33
13.5	22119.06	22118.38	22117.76	22117.20	22116.71	22116.11	22116.02	22117.34	22119.13	22120.70
14.0	21939.11	21938.19	21937.32	21936.51	21935.78	21934.93	21934.61	21935.74	21937.36	21938.76
14.5	21743.69	21742.27	21740.89	21739.59	21738.37	21737.02	21736.27	21737.17	21738.64	21739.87
15.0	21533.11	21531.10	21529.13	21527.24	21525.45	21523.51	21522.25	21522.83	21524.04	21525.02
15.5	21307.67	21305.16	21302.70	21300.30	21298.01	21295.55	21293.79	21293.91	21294.67	21295.19
16.0	21066.44	21063.34	21060.29	21057.31	21054.42	21051.37	21049.02	21048.58	21048.79	21048.75
16.5	20808.16	20804.26	20800.41	20796.64	20792.96	20789.13	20786.05	20785.00	20784.66	20784.06
17.0	20534.07	20529.18	20524.35	20519.61	20514.98	20510.19	20506.22	20504.42	20503.41	20502.15
17.5	20245.29	20239.20	20233.16	20227.20	20221.37	20215.38	20210.27	20207.49	20205.57	20203.42
18.0	19940.86	19933.46	19926.11	19918.84	19911.71	19904.42	19898.07	19894.21	19891.29	19888.15
18.5	19619.86	19611.20	19602.57	19594.05	19585.67	19577.13	19569.60	19564.69	19560.78	19556.67
19.0	19283.28	19273.30	19263.36	19253.52	19243.86	19234.03	19225.28	19219.27	19214.33	19209.22
19.5	18931.76	18920.33	18908.94	18897.66	18886.56	18875.31	18865.19	18857.98	18851.90	18845.69
20.0	18565.39	18552.52	18539.68	18526.95	18514.42	18501.74	18490.28	18481.89	18474.73	18467.46
20.5	18184.29	18170.06	18155.87	18141.81	18127.97	18113.98	18101.31	18091.98	18084.01	18075.93
21.0	17789.03	17773.56	17758.13	17742.85	17727.80	17712.60	17698.82	17688.62	17679.87	17671.02
21.5	17380.18	17363.62	17347.11	17330.74	17314.62	17298.34	17283.51	17272.28	17262.53	17252.70
22.0	16957.97	16940.47	16923.02	16905.70	16888.64	16871.43	16855.67	16843.56	16832.94	16822.25
22.5	16522.44	16504.03	16485.66	16467.46	16449.53	16431.45	16414.94	16402.38	16391.43	16380.41
23.0	16074.83	16055.84	16036.90	16018.13	15999.65	15981.01	15964.02	15951.17	15940.03	15928.81
23.5	15616.46	15597.66	15578.90	15560.29	15541.92	15523.39	15506.38	15493.19	15481.56	15469.84
24.0	15147.15	15128.81	15110.49	15092.28	15074.29	15056.11	15039.31	15025.96	15014.02	15001.97
24.5	14666.29	14648.16	14630.04	14612.03	14594.22	14576.21	14559.61	14546.57	14534.95	14523.19
25.0	14176.51	14158.79	14141.07	14123.46	14106.04	14088.39	14072.16	14059.63	14048.54	14037.26
25.5	13680.19	13663.47	13646.74	13630.06	13613.53	13596.74	13581.25	13569.21	13558.47	13547.50
26.0	13177.48	13162.06	13146.58	13131.12	13115.73	13100.06	13085.53	13074.09	13063.80	13053.21
26.5	12668.79	12654.76	12640.63	12626.46	12612.33	12597.87	12584.41	12573.78	12564.15	12554.17
27.0	12155.74	12143.26	12130.64	12117.94	12105.22	12092.13	12079.92	12070.26	12061.45	12052.23
27.5	11639.03	11628.29	11617.38	11606.37	11595.29	11583.81	11573.06	11564.57	11556.76	11548.48
28.0	11121.92	11112.99	11103.89	11094.65	11085.29	11075.52	11066.32	11059.02	11052.24	11044.95
28.5	10607.30	10600.17	10592.86	10585.36	10577.69	10569.60	10561.89	10555.67	10549.76	10543.30
29.0	10096.91	10091.57	10086.00	10080.22	10074.21	10067.77	10061.52	10056.37	10051.34	10045.73
29.5	9593.28	9589.60	9585.68	9581.51	9577.07	9572.17	9567.36	9563.40	9559.45	9554.86
30.0	9097.00	9094.96	9092.67	9090.08	9087.19	9083.81	9080.39	9077.60	9074.68	9071.06
30.5	8608.72	8608.45	8607.89	8607.00	8605.74	8603.97	8601.96	8600.12	8597.92	8595.00
31.0	8130.88	8132.22	8133.25	8133.92	8134.16	8133.89	8133.19	8132.21	8130.69	8128.40
31.5	7665.61	7668.10	7670.27	7672.07	7673.44	7674.29	7674.65	7674.57	7673.88	7672.41
32.0	7214.54	7217.97	7221.09	7223.85	7226.17	7227.97	7229.26	7230.03	7230.16	7229.51
32.5	6779.77	6784.12	6788.17	6791.84	6795.08	6797.81	6799.98	6801.54	6802.41	6802.49
33.0	6362.05	6367.22	6372.10	6376.61	6380.68	6384.24	6387.20	6389.43	6390.91	6391.60
33.5	5962.62	5968.54	5974.18	5979.44	5984.25	5988.58	5992.21	5994.91	5996.79	5997.88
34.0	5582.07	5588.60	5594.85	5600.72	5606.14	5611.08	5615.26	5618.30	5620.43	5621.80



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**CANDELA TABULATION - (Cont.)**

34.5	5221.31	5228.22	5234.84	5241.09	5246.87	5252.21	5256.71	5259.92	5262.17	5263.68
35.0	4880.65	4887.78	4894.64	4901.13	4907.17	4912.78	4917.54	4920.92	4923.33	4925.03
35.5	4561.44	4568.79	4575.88	4582.65	4589.00	4594.94	4600.10	4604.03	4607.04	4609.38
36.0	4261.48	4268.80	4275.91	4282.72	4289.15	4295.21	4300.56	4304.81	4308.22	4310.99
36.5	3977.65	3984.41	3990.97	3997.28	4003.23	4008.86	4013.78	4017.44	4020.26	4022.51
37.0	3714.09	3720.10	3725.94	3731.53	3736.78	3741.75	3745.97	3748.82	3750.82	3752.30
37.5	3477.06	3482.47	3487.66	3492.55	3497.09	3501.31	3504.82	3507.12	3508.61	3509.59
38.0	3257.06	3261.87	3266.41	3270.62	3274.47	3277.97	3280.83	3282.70	3283.85	3284.50
38.5	3044.02	3048.17	3052.09	3055.75	3059.09	3062.12	3064.63	3066.30	3067.37	3068.00
39.0	2845.90	2849.40	2852.73	2855.84	2858.71	2861.34	2863.53	2865.04	2866.06	2866.70
39.5	2669.46	2672.35	2675.08	2677.63	2679.96	2682.08	2683.82	2684.98	2685.72	2686.12
40.0	2508.31	2510.59	2512.73	2514.70	2516.46	2518.02	2519.26	2520.02	2520.41	2520.50
40.5	2358.06	2359.69	2361.18	2362.51	2363.67	2364.63	2365.34	2365.68	2365.71	2365.48
41.0	2219.53	2220.52	2221.38	2222.10	2222.66	2223.06	2223.25	2223.19	2222.89	2222.36
41.5	2092.69	2093.12	2093.44	2093.64	2093.71	2093.63	2093.40	2093.03	2092.49	2091.75
42.0	1975.66	1975.58	1975.41	1975.14	1974.75	1974.23	1973.63	1973.00	1972.27	1971.36
42.5	1866.34	1865.78	1865.14	1864.41	1863.59	1862.65	1861.69	1860.85	1859.97	1858.93
43.0	1765.37	1764.37	1763.29	1762.15	1760.93	1759.60	1758.30	1757.24	1756.21	1755.04
43.5	1673.39	1671.98	1670.51	1668.96	1667.36	1665.65	1663.99	1662.65	1661.37	1659.95
44.0	1588.29	1586.56	1584.75	1582.89	1580.97	1578.96	1577.03	1575.44	1573.94	1572.33
44.5	1508.03	1506.05	1504.02	1501.97	1499.89	1497.75	1495.72	1494.09	1492.59	1491.02
45.0	1433.14	1431.03	1428.90	1426.75	1424.61	1422.42	1420.37	1418.71	1417.19	1415.64
45.5	1363.77	1361.77	1359.73	1357.65	1355.54	1353.36	1351.25	1349.39	1347.59	1345.74
46.0	1299.02	1297.11	1295.14	1293.11	1291.01	1288.83	1286.64	1284.57	1282.49	1280.32
46.5	1237.97	1235.85	1233.67	1231.44	1229.16	1226.81	1224.48	1222.32	1220.19	1217.99
47.0	1180.71	1178.35	1175.94	1173.49	1171.02	1168.50	1166.05	1163.85	1161.73	1159.58
47.5	1127.16	1124.75	1122.31	1119.83	1117.34	1114.80	1112.34	1110.12	1107.99	1105.84
48.0	1076.86	1074.47	1072.05	1069.60	1067.13	1064.62	1062.19	1059.97	1057.84	1055.68
48.5	1029.39	1027.00	1024.57	1022.12	1019.66	1017.16	1014.73	1012.53	1010.40	1008.26
49.0	984.62	982.23	979.82	977.38	974.93	972.45	970.05	967.85	965.74	963.62
49.5	942.35	940.01	937.63	935.24	932.84	930.40	928.03	925.86	923.76	921.65
50.0	902.31	900.01	897.69	895.35	893.00	890.62	888.30	886.16	884.09	882.01
50.5	864.14	861.87	859.59	857.29	854.98	852.65	850.39	848.31	846.30	844.29
51.0	827.85	825.63	823.39	821.15	818.90	816.63	814.44	812.43	810.50	808.57
51.5	793.42	791.30	789.17	787.03	784.88	782.72	780.62	778.67	776.80	774.93
52.0	760.59	758.58	756.56	754.52	752.49	750.44	748.44	746.56	744.74	742.93
52.5	729.05	727.11	725.16	723.20	721.25	719.28	717.35	715.56	713.83	712.11
53.0	698.87	697.01	695.13	693.25	691.37	689.47	687.63	685.93	684.29	682.66
53.5	670.13	668.36	666.59	664.81	663.02	661.23	659.49	657.87	656.31	654.75
54.0	642.53	640.87	639.20	637.52	635.84	634.16	632.51	630.98	629.49	628.01
54.5	615.76	614.18	612.59	611.00	609.41	607.81	606.25	604.80	603.40	602.01
55.0	590.02	588.52	587.01	585.50	584.00	582.49	581.02	579.66	578.35	577.04
55.5	565.45	564.06	562.66	561.26	559.86	558.45	557.08	555.80	554.56	553.33
56.0	541.85	540.56	539.27	537.98	536.68	535.37	534.10	532.90	531.74	530.57
56.5	519.02	517.82	516.62	515.41	514.20	512.98	511.78	510.67	509.59	508.50
57.0	496.99	495.88	494.76	493.63	492.51	491.37	490.26	489.24	488.24	487.23
57.5	475.72	474.71	473.69	472.66	471.64	470.60	469.59	468.66	467.75	466.83
58.0	455.24	454.33	453.41	452.49	451.56	450.62	449.70	448.86	448.03	447.19
58.5	435.62	434.79	433.95	433.11	432.26	431.40	430.56	429.78	429.02	428.23
59.0	416.76	416.00	415.24	414.48	413.70	412.92	412.14	411.43	410.72	410.00
59.5	398.57	397.89	397.21	396.52	395.83	395.12	394.42	393.78	393.16	392.50
60.0	381.12	380.52	379.91	379.30	378.68	378.04	377.42	376.84	376.27	375.67
60.5	364.56	364.02	363.48	362.93	362.37	361.78	361.19	360.62	360.04	359.43
61.0	348.59	348.12	347.64	347.15	346.64	346.12	345.57	345.00	344.40	343.78
61.5	332.84	332.45	332.05	331.64	331.22	330.77	330.29	329.78	329.23	328.64
62.0	317.73	317.41	317.08	316.74	316.38	316.00	315.58	315.13	314.63	314.10

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**CANDELA TABULATION - (Cont.)**

62.5	303.71	303.40	303.09	302.76	302.41	302.04	301.64	301.21	300.75	300.25
63.0	290.34	290.04	289.72	289.38	289.02	288.64	288.23	287.83	287.41	286.94
63.5	277.26	276.95	276.63	276.29	275.93	275.55	275.16	274.80	274.43	274.01
64.0	264.73	264.41	264.07	263.73	263.37	262.98	262.61	262.28	261.96	261.60
64.5	252.94	252.59	252.24	251.87	251.50	251.10	250.72	250.42	250.14	249.82
65.0	241.78	241.41	241.02	240.63	240.24	239.82	239.44	239.16	238.91	238.63
65.5	231.23	230.83	230.43	230.02	229.61	229.18	228.79	228.53	228.31	228.06
66.0	221.19	220.78	220.36	219.95	219.53	219.09	218.71	218.46	218.26	218.04
66.5	211.59	211.18	210.76	210.35	209.94	209.51	209.13	208.90	208.72	208.52
67.0	202.39	201.99	201.59	201.18	200.78	200.36	199.99	199.78	199.62	199.44
67.5	193.57	193.18	192.79	192.40	192.01	191.61	191.26	191.06	190.90	190.73
68.0	185.05	184.68	184.31	183.93	183.56	183.17	182.83	182.64	182.50	182.34
68.5	176.75	176.38	176.02	175.65	175.29	174.91	174.58	174.41	174.28	174.14
69.0	168.69	168.34	167.99	167.64	167.28	166.92	166.61	166.45	166.35	166.23
69.5	160.89	160.58	160.26	159.94	159.62	159.28	159.00	158.88	158.81	158.71
70.0	153.36	153.08	152.79	152.50	152.21	151.90	151.65	151.56	151.51	151.44
70.5	146.12	145.84	145.55	145.26	144.97	144.67	144.42	144.33	144.30	144.24
71.0	139.16	138.87	138.57	138.28	137.98	137.67	137.42	137.33	137.30	137.25
71.5	132.47	132.18	131.89	131.59	131.30	130.99	130.74	130.65	130.62	130.57
72.0	126.05	125.76	125.47	125.18	124.89	124.59	124.34	124.25	124.21	124.16
72.5	119.89	119.61	119.33	119.04	118.76	118.46	118.21	118.12	118.08	118.02
73.0	113.99	113.71	113.43	113.15	112.87	112.58	112.34	112.24	112.20	112.13
73.5	108.32	108.05	107.77	107.50	107.22	106.93	106.69	106.59	106.54	106.46
74.0	102.85	102.58	102.31	102.04	101.77	101.48	101.25	101.14	101.08	101.01
74.5	97.53	97.27	97.01	96.75	96.49	96.21	95.98	95.88	95.83	95.76
75.0	92.38	92.13	91.88	91.63	91.38	91.11	90.89	90.81	90.76	90.70
75.5	87.42	87.18	86.94	86.70	86.46	86.21	86.00	85.92	85.88	85.83
76.0	82.61	82.38	82.15	81.92	81.69	81.45	81.25	81.18	81.15	81.11
76.5	77.92	77.70	77.47	77.25	77.02	76.79	76.60	76.54	76.53	76.50
77.0	73.36	73.14	72.92	72.70	72.49	72.26	72.09	72.04	72.04	72.02
77.5	68.93	68.72	68.52	68.32	68.12	67.91	67.74	67.70	67.70	67.69
78.0	64.59	64.41	64.22	64.03	63.85	63.66	63.51	63.47	63.47	63.45
78.5	60.33	60.15	59.98	59.80	59.63	59.45	59.31	59.28	59.29	59.28
79.0	56.15	55.98	55.82	55.65	55.49	55.32	55.19	55.17	55.18	55.19
79.5	52.10	51.94	51.78	51.62	51.47	51.31	51.19	51.17	51.19	51.20
80.0	48.09	47.94	47.79	47.65	47.50	47.35	47.24	47.22	47.24	47.25
80.5	44.09	43.94	43.80	43.66	43.52	43.37	43.26	43.25	43.28	43.29
81.0	40.10	39.96	39.82	39.68	39.55	39.41	39.31	39.30	39.33	39.35
81.5	36.12	35.98	35.85	35.72	35.59	35.46	35.36	35.37	35.41	35.44
82.0	32.17	32.04	31.92	31.80	31.68	31.56	31.47	31.49	31.54	31.58
82.5	28.26	28.16	28.06	27.96	27.86	27.76	27.69	27.71	27.77	27.81
83.0	24.41	24.34	24.27	24.20	24.13	24.05	24.00	24.03	24.08	24.13
83.5	20.64	20.59	20.55	20.50	20.46	20.40	20.37	20.41	20.47	20.51
84.0	16.99	16.97	16.96	16.94	16.92	16.89	16.88	16.92	16.98	17.02
84.5	13.49	13.50	13.51	13.52	13.52	13.52	13.53	13.57	13.61	13.64
85.0	10.28	10.32	10.36	10.39	10.42	10.45	10.48	10.51	10.54	10.57
85.5	7.50	7.57	7.64	7.70	7.77	7.83	7.88	7.93	7.97	8.01
86.0	5.20	5.29	5.39	5.47	5.56	5.64	5.71	5.77	5.82	5.87
86.5	3.53	3.61	3.69	3.78	3.85	3.93	4.00	4.05	4.09	4.12
87.0	2.38	2.44	2.50	2.56	2.62	2.68	2.73	2.76	2.78	2.81
87.5	1.78	1.81	1.85	1.88	1.91	1.95	1.97	1.99	2.00	2.01
88.0	1.51	1.52	1.53	1.54	1.55	1.56	1.56	1.57	1.58	1.58
88.5	1.37	1.38	1.38	1.38	1.38	1.39	1.39	1.39	1.40	1.40
89.0	1.34	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.37	1.37
89.5	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34
90.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.74	23522.78	23522.83	23522.88	23522.92	23522.95	23522.99	23523.03	23523.04	23523.03
1.0	23524.04	23524.12	23524.20	23524.27	23524.34	23524.41	23524.47	23524.54	23524.56	23524.54
1.5	23525.95	23526.03	23526.12	23526.20	23526.28	23526.36	23526.42	23526.49	23526.52	23526.49
2.0	23527.27	23527.38	23527.48	23527.58	23527.69	23527.78	23527.87	23527.96	23527.99	23527.96
2.5	23527.14	23527.31	23527.49	23527.67	23527.85	23528.01	23528.16	23528.32	23528.39	23528.32
3.0	23524.97	23525.26	23525.55	23525.84	23526.13	23526.41	23526.66	23526.93	23527.06	23526.93
3.5	23520.06	23520.51	23520.98	23521.45	23521.91	23522.35	23522.77	23523.20	23523.47	23523.20
4.0	23511.89	23512.53	23513.18	23513.83	23514.46	23515.07	23515.65	23516.24	23516.64	23516.24
4.5	23499.83	23500.62	23501.41	23502.19	23502.94	23503.65	23504.31	23504.98	23505.41	23504.98
5.0	23483.58	23484.50	23485.41	23486.29	23487.13	23487.91	23488.61	23489.31	23489.72	23489.31
5.5	23462.71	23463.75	23464.76	23465.72	23466.61	23467.41	23468.11	23468.80	23469.13	23468.80
6.0	23436.95	23438.11	23439.21	23440.24	23441.18	23442.01	23442.71	23443.38	23443.63	23443.38
6.5	23405.96	23407.23	23408.44	23409.57	23410.60	23411.50	23412.26	23412.97	23413.23	23412.97
7.0	23369.55	23370.93	23372.25	23373.48	23374.60	23375.59	23376.42	23377.20	23377.50	23377.20
7.5	23327.70	23329.19	23330.61	23331.95	23333.18	23334.26	23335.18	23336.05	23336.41	23336.05
8.0	23279.57	23281.12	23282.61	23284.01	23285.29	23286.42	23287.38	23288.30	23288.68	23288.30
8.5	23224.63	23226.13	23227.55	23228.88	23230.07	23231.11	23231.96	23232.78	23233.02	23232.78
9.0	23161.98	23163.39	23164.71	23165.93	23167.00	23167.91	23168.62	23169.27	23169.34	23169.27
9.5	23090.83	23092.18	23093.45	23094.59	23095.58	23096.39	23096.98	23097.52	23097.40	23097.52
10.0	23010.32	23011.65	23012.88	23013.98	23014.91	23015.63	23016.12	23016.54	23016.23	23016.54
10.5	22919.49	22920.86	22922.11	22923.21	22924.12	22924.79	22925.18	22925.50	22924.98	22925.50
11.0	22817.90	22819.32	22820.60	22821.71	22822.60	22823.22	22823.53	22823.75	22823.05	22823.75
11.5	22705.18	22706.60	22707.88	22708.96	22709.80	22710.36	22710.59	22710.71	22709.86	22710.71
12.0	22580.11	22581.54	22582.81	22583.88	22584.68	22585.19	22585.35	22585.39	22584.41	22585.39
12.5	22441.48	22442.97	22444.30	22445.41	22446.26	22446.79	22446.95	22446.98	22445.94	22446.98
13.0	22288.96	22290.47	22291.82	22292.94	22293.78	22294.29	22294.40	22294.39	22293.23	22294.39
13.5	22122.21	22123.59	22124.79	22125.74	22126.39	22126.68	22126.55	22126.30	22124.82	22126.30
14.0	21940.08	21941.27	21942.27	21943.00	21943.42	21943.46	21943.05	21942.51	21940.69	21942.51
14.5	21741.04	21742.09	21742.96	21743.57	21743.86	21743.77	21743.23	21742.57	21740.57	21742.57
15.0	21525.95	21526.77	21527.42	21527.82	21527.91	21527.62	21526.88	21526.02	21523.77	21526.02
15.5	21295.66	21296.03	21296.20	21296.13	21295.73	21294.94	21293.69	21292.32	21289.54	21292.32
16.0	21048.67	21048.47	21048.09	21047.44	21046.47	21045.10	21043.27	21041.31	21037.91	21041.31
16.5	20783.44	20782.72	20781.83	20780.68	20779.22	20777.36	20775.05	20772.62	20768.74	20772.62
17.0	20500.90	20499.56	20498.08	20496.36	20494.35	20491.96	20489.13	20486.22	20481.84	20486.22
17.5	20201.30	20199.14	20196.86	20194.38	20191.64	20188.56	20185.07	20181.53	20176.56	20181.53
18.0	19885.08	19882.00	19878.84	19875.53	19872.00	19868.17	19863.98	19859.77	19854.19	19859.77
18.5	19552.67	19548.70	19544.69	19540.57	19536.27	19531.72	19526.84	19521.99	19515.84	19521.99
19.0	19204.26	19199.37	19194.49	19189.54	19184.46	19179.17	19173.61	19168.12	19161.39	19168.12
19.5	18839.66	18833.77	18827.94	18822.10	18816.18	18810.11	18803.84	18797.69	18790.39	18797.69
20.0	18460.43	18453.58	18446.84	18440.15	18433.43	18426.62	18419.66	18412.88	18405.02	18412.88
20.5	18068.14	18060.57	18053.14	18045.79	18038.45	18031.05	18023.53	18016.22	18007.83	18016.22
21.0	17662.50	17654.22	17646.13	17638.13	17630.17	17622.17	17614.06	17606.20	17597.23	17606.20
21.5	17243.20	17233.98	17224.95	17216.05	17207.20	17198.34	17189.40	17180.72	17171.00	17180.72
22.0	16811.91	16801.86	16792.02	16782.33	16772.71	16763.10	16753.43	16744.04	16733.63	16744.04
22.5	16369.78	16359.46	16349.39	16339.48	16329.67	16319.87	16310.02	16300.48	16289.86	16300.48
23.0	15918.00	15907.51	15897.29	15887.23	15877.27	15867.33	15857.32	15847.65	15836.83	15847.65
23.5	15458.49	15447.43	15436.59	15425.89	15415.27	15404.65	15393.96	15383.57	15372.09	15383.57
24.0	14990.22	14978.72	14967.38	14956.15	14944.95	14933.71	14922.38	14911.29	14899.16	14911.29
24.5	14511.71	14500.43	14489.28	14478.18	14467.06	14455.85	14444.47	14433.29	14420.91	14433.29
25.0	14026.23	14015.35	14004.55	13993.74	13982.84	13971.78	13960.46	13949.31	13936.76	13949.31
25.5	13536.70	13525.99	13515.27	13504.48	13493.53	13482.34	13470.82	13459.39	13446.51	13459.39
26.0	13042.70	13032.19	13021.60	13010.85	12999.85	12988.54	12976.83	12965.12	12951.90	12965.12

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**CANDELA TABULATION - (Cont.)**

26.5	12544.18	12534.09	12523.82	12513.30	12502.45	12491.18	12479.41	12467.56	12454.09	12467.56
27.0	12042.90	12033.38	12023.60	12013.46	12002.88	11991.79	11980.12	11968.25	11954.66	11968.25
27.5	11540.01	11531.26	11522.14	11512.59	11502.51	11491.83	11480.46	11468.81	11455.34	11468.81
28.0	11037.38	11029.44	11021.05	11012.14	11002.62	10992.41	10981.43	10970.09	10956.84	10970.09
28.5	10536.48	10529.22	10521.43	10513.04	10503.98	10494.16	10483.50	10472.41	10459.41	10472.41
29.0	10039.68	10033.10	10025.92	10018.07	10009.47	10000.06	9989.75	9978.92	9966.17	9978.92
29.5	9549.75	9544.03	9537.63	9530.47	9522.48	9513.59	9503.71	9493.24	9480.73	9493.24
30.0	9066.84	9061.94	9056.27	9049.76	9042.33	9033.90	9024.41	9014.24	9001.92	9014.24
30.5	8591.37	8586.96	8581.71	8575.53	8568.36	8560.11	8550.73	8540.58	8528.27	8540.58
31.0	8125.34	8121.42	8116.58	8110.75	8103.86	8095.85	8086.64	8076.59	8064.39	8076.59
31.5	7670.13	7666.97	7662.86	7657.74	7651.54	7644.18	7635.61	7626.16	7614.56	7626.16
32.0	7228.03	7225.67	7222.33	7217.97	7212.52	7205.89	7198.04	7189.30	7178.38	7189.30
32.5	6801.71	6800.02	6797.33	6793.58	6788.70	6782.62	6775.27	6767.01	6756.52	6767.01
33.0	6391.41	6390.28	6388.13	6384.89	6380.50	6374.89	6367.98	6360.13	6350.03	6360.13
33.5	5998.08	5997.33	5995.57	5992.72	5988.73	5983.52	5977.04	5969.61	5960.00	5969.61
34.0	5622.28	5621.81	5620.33	5617.79	5614.12	5609.27	5603.18	5596.14	5587.05	5596.14
34.5	5264.30	5263.98	5262.68	5260.32	5256.87	5252.26	5246.45	5239.70	5231.01	5239.70
35.0	4925.85	4925.76	4924.71	4922.63	4919.49	4915.23	4909.80	4903.46	4895.26	4903.46
35.5	4610.88	4611.51	4611.20	4609.91	4607.59	4604.18	4599.64	4594.22	4586.95	4594.22
36.0	4312.98	4314.14	4314.42	4313.77	4312.12	4309.45	4305.68	4301.09	4294.69	4301.09
36.5	4024.03	4024.78	4024.73	4023.81	4022.01	4019.25	4015.52	4011.02	4004.94	4011.02
37.0	3753.11	3753.22	3752.58	3751.16	3748.94	3745.87	3741.93	3737.29	3731.29	3737.29
37.5	3509.93	3509.59	3508.55	3506.77	3504.22	3500.88	3496.72	3491.89	3485.82	3491.89
38.0	3284.53	3283.93	3282.66	3280.70	3278.02	3274.60	3270.41	3265.58	3259.61	3265.58
38.5	3068.11	3067.66	3066.64	3065.02	3062.78	3059.90	3056.35	3052.25	3047.15	3052.25
39.0	2866.92	2866.67	2865.94	2864.71	2862.96	2860.66	2857.79	2854.47	2850.28	2854.47
39.5	2686.14	2685.76	2684.94	2683.67	2681.94	2679.71	2676.98	2673.84	2669.91	2673.84
40.0	2520.24	2519.61	2518.60	2517.18	2515.34	2513.05	2510.30	2507.19	2503.36	2507.19
40.5	2364.95	2364.10	2362.92	2361.39	2359.50	2357.22	2354.55	2351.56	2347.95	2351.56
41.0	2221.58	2220.54	2219.21	2217.59	2215.66	2213.41	2210.83	2207.98	2204.60	2207.98
41.5	2090.80	2089.63	2088.23	2086.59	2084.68	2082.51	2080.05	2077.37	2074.23	2077.37
42.0	1970.29	1969.03	1967.59	1965.93	1964.07	1961.97	1959.63	1957.12	1954.19	1957.12
42.5	1857.76	1856.44	1854.96	1853.31	1851.47	1849.43	1847.18	1844.79	1841.99	1844.79
43.0	1753.76	1752.36	1750.83	1749.15	1747.31	1745.29	1743.08	1740.76	1738.05	1740.76
43.5	1658.46	1656.87	1655.16	1653.34	1651.38	1649.26	1646.99	1644.63	1641.91	1644.63
44.0	1570.66	1568.92	1567.09	1565.17	1563.14	1561.00	1558.72	1556.38	1553.74	1556.38
44.5	1489.44	1487.83	1486.18	1484.49	1482.75	1480.94	1479.06	1477.16	1475.05	1477.16
45.0	1414.11	1412.57	1411.04	1409.50	1407.94	1406.36	1404.74	1403.14	1401.39	1403.14
45.5	1343.86	1341.95	1340.00	1338.01	1335.97	1333.88	1331.73	1329.55	1327.22	1329.55
46.0	1278.09	1275.80	1273.42	1270.97	1268.44	1265.81	1263.10	1260.32	1257.37	1260.32
46.5	1215.75	1213.46	1211.13	1208.75	1206.31	1203.81	1201.25	1198.65	1195.93	1198.65
47.0	1157.42	1155.25	1153.07	1150.88	1148.67	1146.44	1144.18	1141.92	1139.59	1141.92
47.5	1103.68	1101.53	1099.39	1097.24	1095.08	1092.92	1090.75	1088.59	1086.38	1088.59
48.0	1053.53	1051.39	1049.26	1047.13	1045.00	1042.87	1040.74	1038.62	1036.47	1038.62
48.5	1006.13	1004.01	1001.90	999.80	997.71	995.63	993.55	991.49	989.41	991.49
49.0	961.51	959.42	957.34	955.27	953.22	951.18	949.15	947.14	945.12	947.14
49.5	919.56	917.49	915.43	913.39	911.37	909.36	907.37	905.40	903.44	905.40
50.0	879.95	877.91	875.89	873.90	871.92	869.96	868.02	866.11	864.22	866.11
50.5	842.31	840.35	838.42	836.51	834.62	832.77	830.93	829.13	827.34	829.13
51.0	806.67	804.80	802.96	801.14	799.36	797.60	795.87	794.18	792.51	794.18
51.5	773.08	771.26	769.47	767.72	765.99	764.29	762.62	760.99	759.39	760.99
52.0	741.14	739.38	737.64	735.94	734.26	732.62	731.01	729.43	727.89	729.43
52.5	710.41	708.73	707.08	705.46	703.87	702.31	700.78	699.28	697.82	699.28
53.0	681.05	679.47	677.91	676.38	674.88	673.40	671.95	670.53	669.15	670.53
53.5	653.22	651.70	650.22	648.75	647.31	645.90	644.51	643.15	641.82	643.15
54.0	626.54	625.10	623.68	622.29	620.91	619.56	618.23	616.93	615.65	616.93

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**CANDELA TABULATION - (Cont.)**

54.5	600.64	599.29	597.95	596.65	595.36	594.09	592.85	591.63	590.43	591.63
55.0	575.75	574.49	573.24	572.01	570.80	569.61	568.44	567.29	566.16	567.29
55.5	552.11	550.90	549.70	548.51	547.34	546.17	545.02	543.89	542.75	543.89
56.0	529.41	528.25	527.10	525.96	524.81	523.67	522.53	521.40	520.25	521.40
56.5	507.42	506.33	505.25	504.18	503.09	502.01	500.93	499.84	498.74	499.84
57.0	486.23	485.23	484.22	483.21	482.20	481.18	480.15	479.12	478.06	479.12
57.5	465.90	464.97	464.03	463.08	462.12	461.14	460.15	459.15	458.10	459.15
58.0	446.34	445.47	444.59	443.70	442.78	441.84	440.87	439.89	438.84	439.89
58.5	427.44	426.63	425.79	424.94	424.06	423.15	422.20	421.24	420.20	421.24
59.0	409.25	408.49	407.70	406.88	406.04	405.15	404.23	403.29	402.26	403.29
59.5	391.82	391.12	390.39	389.63	388.83	387.98	387.09	386.18	385.16	386.18
60.0	375.04	374.39	373.70	372.97	372.20	371.38	370.51	369.61	368.60	369.61
60.5	358.79	358.12	357.41	356.66	355.87	355.03	354.13	353.21	352.18	353.21
61.0	343.12	342.42	341.69	340.91	340.09	339.22	338.31	337.35	336.31	337.35
61.5	328.02	327.36	326.65	325.89	325.09	324.23	323.32	322.36	321.31	322.36
62.0	313.53	312.91	312.24	311.52	310.74	309.91	309.01	308.07	307.01	308.07
62.5	299.71	299.12	298.47	297.78	297.02	296.20	295.31	294.38	293.32	294.38
63.0	286.43	285.88	285.27	284.61	283.88	283.09	282.23	281.33	280.29	281.33
63.5	273.56	273.06	272.52	271.92	271.26	270.54	269.75	268.92	267.95	268.92
64.0	261.21	260.78	260.30	259.78	259.20	258.56	257.86	257.12	256.24	257.12
64.5	249.47	249.10	248.68	248.23	247.73	247.17	246.56	245.91	245.14	245.91
65.0	238.32	238.00	237.64	237.25	236.82	236.34	235.81	235.26	234.59	235.26
65.5	227.79	227.51	227.20	226.86	226.49	226.07	225.62	225.14	224.54	225.14
66.0	217.80	217.55	217.28	216.99	216.66	216.30	215.90	215.49	214.95	215.49
66.5	208.31	208.09	207.85	207.60	207.31	206.99	206.64	206.27	205.80	206.27
67.0	199.25	199.05	198.84	198.61	198.35	198.07	197.75	197.42	196.99	197.42
67.5	190.55	190.37	190.17	189.95	189.71	189.45	189.15	188.84	188.43	188.84
68.0	182.17	182.00	181.81	181.60	181.37	181.12	180.83	180.53	180.14	180.53
68.5	173.99	173.84	173.67	173.48	173.27	173.03	172.76	172.48	172.10	172.48
69.0	166.10	165.97	165.82	165.66	165.47	165.25	164.99	164.73	164.36	164.73
69.5	158.62	158.51	158.38	158.24	158.06	157.86	157.62	157.37	157.02	157.37
70.0	151.36	151.28	151.17	151.04	150.89	150.70	150.48	150.24	149.89	150.24
70.5	144.18	144.10	144.01	143.90	143.76	143.58	143.37	143.14	142.81	143.14
71.0	137.19	137.13	137.04	136.94	136.81	136.64	136.44	136.23	135.90	136.23
71.5	130.51	130.44	130.36	130.26	130.14	129.98	129.79	129.58	129.27	129.58
72.0	124.10	124.03	123.94	123.84	123.72	123.57	123.38	123.18	122.89	123.18
72.5	117.96	117.89	117.80	117.70	117.58	117.42	117.24	117.05	116.76	117.05
73.0	112.07	111.99	111.90	111.80	111.67	111.52	111.34	111.15	110.86	111.15
73.5	106.39	106.31	106.21	106.10	105.97	105.82	105.64	105.45	105.17	105.45
74.0	100.93	100.84	100.75	100.63	100.50	100.35	100.17	99.98	99.71	99.98
74.5	95.69	95.61	95.52	95.41	95.29	95.14	94.97	94.79	94.53	94.79
75.0	90.64	90.57	90.49	90.40	90.29	90.15	89.99	89.82	89.57	89.82
75.5	85.78	85.72	85.65	85.56	85.46	85.34	85.20	85.05	84.82	85.05
76.0	81.06	81.01	80.96	80.89	80.80	80.70	80.57	80.44	80.24	80.44
76.5	76.47	76.44	76.40	76.35	76.29	76.21	76.10	76.00	75.82	76.00
77.0	72.01	71.99	71.97	71.94	71.89	71.83	71.74	71.66	71.50	71.66
77.5	67.67	67.66	67.64	67.61	67.57	67.51	67.43	67.35	67.20	67.35
78.0	63.44	63.43	63.41	63.38	63.34	63.28	63.21	63.13	62.99	63.13
78.5	59.28	59.27	59.26	59.24	59.21	59.17	59.10	59.03	58.90	59.03
79.0	55.19	55.20	55.20	55.19	55.17	55.13	55.08	55.02	54.90	55.02
79.5	51.20	51.21	51.21	51.21	51.19	51.15	51.11	51.05	50.94	51.05
80.0	47.26	47.27	47.27	47.27	47.25	47.22	47.18	47.13	47.03	47.13
80.5	43.31	43.32	43.33	43.33	43.33	43.31	43.27	43.23	43.14	43.23
81.0	39.38	39.40	39.42	39.43	39.43	39.42	39.40	39.37	39.29	39.37
81.5	35.47	35.51	35.54	35.56	35.57	35.58	35.56	35.55	35.49	35.55
82.0	31.62	31.67	31.71	31.74	31.76	31.78	31.78	31.78	31.72	31.78

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**CANDELA TABULATION - (Cont.)**

82.5	27.86	27.91	27.95	27.99	28.02	28.04	28.04	28.05	28.00	28.05
83.0	24.18	24.23	24.27	24.31	24.34	24.36	24.37	24.38	24.34	24.38
83.5	20.56	20.61	20.66	20.69	20.73	20.75	20.76	20.77	20.75	20.77
84.0	17.07	17.11	17.15	17.19	17.21	17.24	17.25	17.26	17.24	17.26
84.5	13.68	13.71	13.73	13.76	13.77	13.78	13.78	13.78	13.76	13.78
85.0	10.59	10.61	10.63	10.64	10.64	10.64	10.63	10.62	10.60	10.62
85.5	8.04	8.07	8.09	8.10	8.11	8.12	8.12	8.11	8.09	8.11
86.0	5.91	5.95	5.97	6.00	6.01	6.02	6.02	6.02	6.01	6.02
86.5	4.15	4.18	4.19	4.21	4.21	4.21	4.21	4.19	4.17	4.19
87.0	2.82	2.83	2.84	2.84	2.83	2.82	2.81	2.79	2.77	2.79
87.5	2.02	2.03	2.03	2.03	2.03	2.02	2.01	2.00	1.98	2.00
88.0	1.58	1.59	1.59	1.59	1.59	1.59	1.59	1.58	1.58	1.58
88.5	1.40	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41
89.0	1.37	1.38	1.38	1.38	1.38	1.39	1.39	1.39	1.39	1.39
89.5	1.34	1.34	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
90.0	1.36	1.36	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.35

**Vert.  
Angles**

**Horizontal Angles**

	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.99	23522.95	23522.92	23522.88	23522.83	23522.78	23522.74	23522.69	23522.65	23522.61
1.0	23524.47	23524.41	23524.34	23524.27	23524.20	23524.12	23524.04	23523.96	23523.89	23523.82
1.5	23526.42	23526.36	23526.28	23526.20	23526.12	23526.03	23525.95	23525.87	23525.80	23525.73
2.0	23527.87	23527.78	23527.69	23527.58	23527.48	23527.38	23527.27	23527.18	23527.11	23527.02
2.5	23528.16	23528.01	23527.85	23527.67	23527.49	23527.31	23527.14	23526.99	23526.85	23526.71
3.0	23526.66	23526.41	23526.13	23525.84	23525.55	23525.26	23524.97	23524.71	23524.47	23524.23
3.5	23522.77	23522.35	23521.91	23521.45	23520.98	23520.51	23520.06	23519.62	23519.22	23518.82
4.0	23515.65	23515.07	23514.46	23513.83	23513.18	23512.53	23511.89	23511.27	23510.69	23510.10
4.5	23504.31	23503.65	23502.94	23502.19	23501.41	23500.62	23499.83	23499.05	23498.31	23497.54
5.0	23488.61	23487.91	23487.13	23486.29	23485.41	23484.50	23483.58	23482.66	23481.75	23480.82
5.5	23468.11	23467.41	23466.61	23465.72	23464.76	23463.75	23462.71	23461.65	23460.60	23459.51
6.0	23442.71	23442.01	23441.18	23440.24	23439.21	23438.11	23436.95	23435.77	23434.58	23433.34
6.5	23412.26	23411.50	23410.60	23409.57	23408.44	23407.23	23405.96	23404.66	23403.35	23401.97
7.0	23376.42	23375.59	23374.60	23373.48	23372.25	23370.93	23369.55	23368.14	23366.71	23365.22
7.5	23335.18	23334.26	23333.18	23331.95	23330.61	23329.19	23327.70	23326.17	23324.64	23323.03
8.0	23287.38	23286.42	23285.29	23284.01	23282.61	23281.12	23279.57	23277.98	23276.38	23274.71
8.5	23231.96	23231.11	23230.07	23228.88	23227.55	23226.13	23224.63	23223.09	23221.53	23219.89
9.0	23168.62	23167.91	23167.00	23165.93	23164.71	23163.39	23161.98	23160.52	23159.03	23157.46
9.5	23096.98	23096.39	23095.58	23094.59	23093.45	23092.18	23090.83	23089.42	23087.98	23086.45
10.0	23016.12	23015.63	23014.91	23013.98	23012.88	23011.65	23010.32	23008.93	23007.52	23005.99
10.5	22925.18	22924.79	22924.12	22923.21	22922.11	22920.86	22919.49	22918.05	22916.58	22914.98
11.0	22823.53	22823.22	22822.60	22821.71	22820.60	22819.32	22817.90	22816.39	22814.85	22813.16
11.5	22710.59	22710.36	22709.80	22708.96	22707.88	22706.60	22705.18	22703.66	22702.09	22700.35
12.0	22585.35	22585.19	22584.68	22583.88	22582.81	22581.54	22580.11	22578.58	22576.98	22575.21
12.5	22446.95	22446.79	22446.26	22445.41	22444.30	22442.97	22441.48	22439.88	22438.21	22436.36
13.0	22294.40	22294.29	22293.78	22292.94	22291.82	22290.47	22288.96	22287.33	22285.64	22283.76
13.5	22126.55	22126.68	22126.39	22125.74	22124.79	22123.59	22122.21	22120.70	22119.13	22117.34
14.0	21943.05	21943.46	21943.42	21943.00	21942.27	21941.27	21940.08	21938.76	21937.36	21935.74
14.5	21743.23	21743.77	21743.86	21743.57	21742.96	21742.09	21741.04	21739.87	21738.64	21737.17
15.0	21526.88	21527.62	21527.91	21527.82	21527.42	21526.77	21525.95	21525.02	21524.04	21522.83
15.5	21293.69	21294.94	21295.73	21296.13	21296.20	21296.03	21295.66	21295.19	21294.67	21293.91
16.0	21043.27	21045.10	21046.47	21047.44	21048.09	21048.47	21048.67	21048.75	21048.79	21048.58
16.5	20775.05	20777.36	20779.22	20780.68	20781.83	20782.72	20783.44	20784.06	20784.66	20785.00
17.0	20489.13	20491.96	20494.35	20496.36	20498.08	20499.56	20500.90	20502.15	20503.41	20504.42
17.5	20185.07	20188.56	20191.64	20194.38	20196.86	20199.14	20201.30	20203.42	20205.57	20207.49

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**CANDELA TABULATION - (Cont.)**

18.0	19863.98	19868.17	19872.00	19875.53	19878.84	19882.00	19885.08	19888.15	19891.29	19894.21
18.5	19526.84	19531.72	19536.27	19540.57	19544.69	19548.70	19552.67	19556.67	19560.78	19564.69
19.0	19173.61	19179.17	19184.46	19189.54	19194.49	19199.37	19204.26	19209.22	19214.33	19219.27
19.5	18803.84	18810.11	18816.18	18822.10	18827.94	18833.77	18839.66	18845.69	18851.90	18857.98
20.0	18419.66	18426.62	18433.43	18440.15	18446.84	18453.58	18460.43	18467.46	18474.73	18481.89
20.5	18023.53	18031.05	18038.45	18045.79	18053.14	18060.57	18068.14	18075.93	18084.01	18091.98
21.0	17614.06	17622.17	17630.17	17638.13	17646.13	17654.22	17662.50	17671.02	17679.87	17688.62
21.5	17189.40	17198.34	17207.20	17216.05	17224.95	17233.98	17243.20	17252.70	17262.53	17272.28
22.0	16753.43	16763.10	16772.71	16782.33	16792.02	16801.86	16811.91	16822.25	16832.94	16843.56
22.5	16310.02	16319.87	16329.67	16339.48	16349.39	16359.46	16369.78	16380.41	16391.43	16402.38
23.0	15857.32	15867.33	15877.27	15887.23	15897.29	15907.51	15918.00	15928.81	15940.03	15951.17
23.5	15393.96	15404.65	15415.27	15425.89	15436.59	15447.43	15458.49	15469.84	15481.56	15493.19
24.0	14922.38	14933.71	14944.95	14956.15	14967.38	14978.72	14990.22	15001.97	15014.02	15025.96
24.5	14444.47	14455.85	14467.06	14478.18	14489.28	14500.43	14511.71	14523.19	14534.95	14546.57
25.0	13960.46	13971.78	13982.84	13993.74	14004.55	14015.35	14026.23	14037.26	14048.54	14059.63
25.5	13470.82	13482.34	13493.53	13504.48	13515.27	13525.99	13536.70	13547.50	13558.47	13569.21
26.0	12976.83	12988.54	12999.85	13010.85	13021.60	13032.19	13042.70	13053.21	13063.80	13074.09
26.5	12479.41	12491.18	12502.45	12513.30	12523.82	12534.09	12544.18	12554.17	12564.15	12573.78
27.0	11980.12	11991.79	12002.88	12013.46	12023.60	12033.38	12042.90	12052.23	12061.45	12070.26
27.5	11480.46	11491.83	11502.51	11512.59	11522.14	11531.26	11540.01	11548.48	11556.76	11564.57
28.0	10981.43	10992.41	11002.62	11012.14	11021.05	11029.44	11037.38	11044.95	11052.24	11059.02
28.5	10483.50	10494.16	10503.98	10513.04	10521.43	10529.22	10536.48	10543.30	10549.76	10555.67
29.0	9989.75	10000.06	10009.47	10018.07	10025.92	10033.10	10039.68	10045.73	10051.34	10056.37
29.5	9503.71	9513.59	9522.48	9530.47	9537.63	9544.03	9549.75	9554.86	9559.45	9563.40
30.0	9024.41	9033.90	9042.33	9049.76	9056.27	9061.94	9066.84	9071.06	9074.68	9077.60
30.5	8550.73	8560.11	8568.36	8575.53	8581.71	8586.96	8591.37	8595.00	8597.92	8600.12
31.0	8086.64	8095.85	8103.86	8110.75	8116.58	8121.42	8125.34	8128.40	8130.69	8132.21
31.5	7635.61	7644.18	7651.54	7657.74	7662.86	7666.97	7670.13	7672.41	7673.88	7674.57
32.0	7198.04	7205.89	7212.52	7217.97	7222.33	7225.67	7228.03	7229.51	7230.16	7230.03
32.5	6775.27	6782.62	6788.70	6793.58	6797.33	6800.02	6801.71	6802.49	6802.41	6801.54
33.0	6367.98	6374.89	6380.50	6384.89	6388.13	6390.28	6391.41	6391.60	6390.91	6389.43
33.5	5977.04	5983.52	5988.73	5992.72	5995.57	5997.33	5998.08	5997.88	5996.79	5994.91
34.0	5603.18	5609.27	5614.12	5617.79	5620.33	5621.81	5622.28	5621.80	5620.43	5618.30
34.5	5246.45	5252.26	5256.87	5260.32	5262.68	5263.98	5264.30	5263.68	5262.17	5259.92
35.0	4909.80	4915.23	4919.49	4922.63	4924.71	4925.76	4925.85	4925.03	4923.33	4920.92
35.5	4599.64	4604.18	4607.59	4609.91	4611.20	4611.51	4610.88	4609.38	4607.04	4604.03
36.0	4305.68	4309.45	4312.12	4313.77	4314.42	4314.14	4312.98	4310.99	4308.22	4304.81
36.5	4015.52	4019.25	4022.01	4023.81	4024.73	4024.78	4024.03	4022.51	4020.26	4017.44
37.0	3741.93	3745.87	3748.94	3751.16	3752.58	3753.22	3753.11	3752.30	3750.82	3748.82
37.5	3496.72	3500.88	3504.22	3506.77	3508.55	3509.59	3509.93	3509.59	3508.61	3507.12
38.0	3270.41	3274.60	3278.02	3280.70	3282.66	3283.93	3284.53	3284.50	3283.85	3282.70
38.5	3056.35	3059.90	3062.78	3065.02	3066.64	3067.66	3068.11	3068.00	3067.37	3066.30
39.0	2857.79	2860.66	2862.96	2864.71	2865.94	2866.67	2866.92	2866.70	2866.06	2865.04
39.5	2676.98	2679.71	2681.94	2683.67	2684.94	2685.76	2686.14	2686.12	2685.72	2684.98
40.0	2510.30	2513.05	2515.34	2517.18	2518.60	2519.61	2520.24	2520.50	2520.41	2520.02
40.5	2354.55	2357.22	2359.50	2361.39	2362.92	2364.10	2364.95	2365.48	2365.71	2365.68
41.0	2210.83	2213.41	2215.66	2217.59	2219.21	2220.54	2221.58	2222.36	2222.89	2223.19
41.5	2080.05	2082.51	2084.68	2086.59	2088.23	2089.63	2090.80	2091.75	2092.49	2093.03
42.0	1959.63	1961.97	1964.07	1965.93	1967.59	1969.03	1970.29	1971.36	1972.27	1973.00
42.5	1847.18	1849.43	1851.47	1853.31	1854.96	1856.44	1857.76	1858.93	1859.97	1860.85
43.0	1743.08	1745.29	1747.31	1749.15	1750.83	1752.36	1753.76	1755.04	1756.21	1757.24
43.5	1646.99	1649.26	1651.38	1653.34	1655.16	1656.87	1658.46	1659.95	1661.37	1662.65
44.0	1558.72	1561.00	1563.14	1565.17	1567.09	1568.92	1570.66	1572.33	1573.94	1575.44
44.5	1479.06	1480.94	1482.75	1484.49	1486.18	1487.83	1489.44	1491.02	1492.59	1494.09
45.0	1404.74	1406.36	1407.94	1409.50	1411.04	1412.57	1414.11	1415.64	1417.19	1418.71
45.5	1331.73	1333.88	1335.97	1338.01	1340.00	1341.95	1343.86	1345.74	1347.59	1349.39

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**CANDELA TABULATION - (Cont.)**

46.0	1263.10	1265.81	1268.44	1270.97	1273.42	1275.80	1278.09	1280.32	1282.49	1284.57
46.5	1201.25	1203.81	1206.31	1208.75	1211.13	1213.46	1215.75	1217.99	1220.19	1222.32
47.0	1144.18	1146.44	1148.67	1150.88	1153.07	1155.25	1157.42	1159.58	1161.73	1163.85
47.5	1090.75	1092.92	1095.08	1097.24	1099.39	1101.53	1103.68	1105.84	1107.99	1110.12
48.0	1040.74	1042.87	1045.00	1047.13	1049.26	1051.39	1053.53	1055.68	1057.84	1059.97
48.5	993.55	995.63	997.71	999.80	1001.90	1004.01	1006.13	1008.26	1010.40	1012.53
49.0	949.15	951.18	953.22	955.27	957.34	959.42	961.51	963.62	965.74	967.85
49.5	907.37	909.36	911.37	913.39	915.43	917.49	919.56	921.65	923.76	925.86
50.0	868.02	869.96	871.92	873.90	875.89	877.91	879.95	882.01	884.09	886.16
50.5	830.93	832.77	834.62	836.51	838.42	840.35	842.31	844.29	846.30	848.31
51.0	795.87	797.60	799.36	801.14	802.96	804.80	806.67	808.57	810.50	812.43
51.5	762.62	764.29	765.99	767.72	769.47	771.26	773.08	774.93	776.80	778.67
52.0	731.01	732.62	734.26	735.94	737.64	739.38	741.14	742.93	744.74	746.56
52.5	700.78	702.31	703.87	705.46	707.08	708.73	710.41	712.11	713.83	715.56
53.0	671.95	673.40	674.88	676.38	677.91	679.47	681.05	682.66	684.29	685.93
53.5	644.51	645.90	647.31	648.75	650.22	651.70	653.22	654.75	656.31	657.87
54.0	618.23	619.56	620.91	622.29	623.68	625.10	626.54	628.01	629.49	630.98
54.5	592.85	594.09	595.36	596.65	597.95	599.29	600.64	602.01	603.40	604.80
55.0	568.44	569.61	570.80	572.01	573.24	574.49	575.75	577.04	578.35	579.66
55.5	545.02	546.17	547.34	548.51	549.70	550.90	552.11	553.33	554.56	555.80
56.0	522.53	523.67	524.81	525.96	527.10	528.25	529.41	530.57	531.74	532.90
56.5	500.93	502.01	503.09	504.18	505.25	506.33	507.42	508.50	509.59	510.67
57.0	480.15	481.18	482.20	483.21	484.22	485.23	486.23	487.23	488.24	489.24
57.5	460.15	461.14	462.12	463.08	464.03	464.97	465.90	466.83	467.75	468.66
58.0	440.87	441.84	442.78	443.70	444.59	445.47	446.34	447.19	448.03	448.86
58.5	422.20	423.15	424.06	424.94	425.79	426.63	427.44	428.23	429.02	429.78
59.0	404.23	405.15	406.04	406.88	407.70	408.49	409.25	410.00	410.72	411.43
59.5	387.09	387.98	388.83	389.63	390.39	391.12	391.82	392.50	393.16	393.78
60.0	370.51	371.38	372.20	372.97	373.70	374.39	375.04	375.67	376.27	376.84
60.5	354.13	355.03	355.87	356.66	357.41	358.12	358.79	359.43	360.04	360.62
61.0	338.31	339.22	340.09	340.91	341.69	342.42	343.12	343.78	344.40	345.00
61.5	323.32	324.23	325.09	325.89	326.65	327.36	328.02	328.64	329.23	329.78
62.0	309.01	309.91	310.74	311.52	312.24	312.91	313.53	314.10	314.63	315.13
62.5	295.31	296.20	297.02	297.78	298.47	299.12	299.71	300.25	300.75	301.21
63.0	282.23	283.09	283.88	284.61	285.27	285.88	286.43	286.94	287.41	287.83
63.5	269.75	270.54	271.26	271.92	272.52	273.06	273.56	274.01	274.43	274.80
64.0	257.86	258.56	259.20	259.78	260.30	260.78	261.21	261.60	261.96	262.28
64.5	246.56	247.17	247.73	248.23	248.68	249.10	249.47	249.82	250.14	250.42
65.0	235.81	236.34	236.82	237.25	237.64	238.00	238.32	238.63	238.91	239.16
65.5	225.62	226.07	226.49	226.86	227.20	227.51	227.79	228.06	228.31	228.53
66.0	215.90	216.30	216.66	216.99	217.28	217.55	217.80	218.04	218.26	218.46
66.5	206.64	206.99	207.31	207.60	207.85	208.09	208.31	208.52	208.72	208.90
67.0	197.75	198.07	198.35	198.61	198.84	199.05	199.25	199.44	199.62	199.78
67.5	189.15	189.45	189.71	189.95	190.17	190.37	190.55	190.73	190.90	191.06
68.0	180.83	181.12	181.37	181.60	181.81	182.00	182.17	182.34	182.50	182.64
68.5	172.76	173.03	173.27	173.48	173.67	173.84	173.99	174.14	174.28	174.41
69.0	164.99	165.25	165.47	165.66	165.82	165.97	166.10	166.23	166.35	166.45
69.5	157.62	157.86	158.06	158.24	158.38	158.51	158.62	158.71	158.81	158.88
70.0	150.48	150.70	150.89	151.04	151.17	151.28	151.36	151.44	151.51	151.56
70.5	143.37	143.58	143.76	143.90	144.01	144.10	144.18	144.24	144.30	144.33
71.0	136.44	136.64	136.81	136.94	137.04	137.13	137.19	137.25	137.30	137.33
71.5	129.79	129.98	130.14	130.26	130.36	130.44	130.51	130.57	130.62	130.65
72.0	123.38	123.57	123.72	123.84	123.94	124.03	124.10	124.16	124.21	124.25
72.5	117.24	117.42	117.58	117.70	117.80	117.89	117.96	118.02	118.08	118.12
73.0	111.34	111.52	111.67	111.80	111.90	111.99	112.07	112.13	112.20	112.24
73.5	105.64	105.82	105.97	106.10	106.21	106.31	106.39	106.46	106.54	106.59



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**CANDELA TABULATION - (Cont.)**

<b>74.0</b>	100.17	100.35	100.50	100.63	100.75	100.84	100.93	101.01	101.08	101.14
<b>74.5</b>	94.97	95.14	95.29	95.41	95.52	95.61	95.69	95.76	95.83	95.88
<b>75.0</b>	89.99	90.15	90.29	90.40	90.49	90.57	90.64	90.70	90.76	90.81
<b>75.5</b>	85.20	85.34	85.46	85.56	85.65	85.72	85.78	85.83	85.88	85.92
<b>76.0</b>	80.57	80.70	80.80	80.89	80.96	81.01	81.06	81.11	81.15	81.18
<b>76.5</b>	76.10	76.21	76.29	76.35	76.40	76.44	76.47	76.50	76.53	76.54
<b>77.0</b>	71.74	71.83	71.89	71.94	71.97	71.99	72.01	72.02	72.04	72.04
<b>77.5</b>	67.43	67.51	67.57	67.61	67.64	67.66	67.67	67.69	67.70	67.70
<b>78.0</b>	63.21	63.28	63.34	63.38	63.41	63.43	63.44	63.45	63.47	63.47
<b>78.5</b>	59.10	59.17	59.21	59.24	59.26	59.27	59.28	59.28	59.29	59.28
<b>79.0</b>	55.08	55.13	55.17	55.19	55.20	55.20	55.19	55.19	55.18	55.17
<b>79.5</b>	51.11	51.15	51.19	51.21	51.21	51.21	51.20	51.20	51.19	51.17
<b>80.0</b>	47.18	47.22	47.25	47.27	47.27	47.27	47.26	47.25	47.24	47.22
<b>80.5</b>	43.27	43.31	43.33	43.33	43.33	43.32	43.31	43.29	43.28	43.25
<b>81.0</b>	39.40	39.42	39.43	39.43	39.42	39.40	39.38	39.35	39.33	39.30
<b>81.5</b>	35.56	35.58	35.57	35.56	35.54	35.51	35.47	35.44	35.41	35.37
<b>82.0</b>	31.78	31.78	31.76	31.74	31.71	31.67	31.62	31.58	31.54	31.49
<b>82.5</b>	28.04	28.04	28.02	27.99	27.95	27.91	27.86	27.81	27.77	27.71
<b>83.0</b>	24.37	24.36	24.34	24.31	24.27	24.23	24.18	24.13	24.08	24.03
<b>83.5</b>	20.76	20.75	20.73	20.69	20.66	20.61	20.56	20.51	20.47	20.41
<b>84.0</b>	17.25	17.24	17.21	17.19	17.15	17.11	17.07	17.02	16.98	16.92
<b>84.5</b>	13.78	13.78	13.77	13.76	13.73	13.71	13.68	13.64	13.61	13.57
<b>85.0</b>	10.63	10.64	10.64	10.64	10.63	10.61	10.59	10.57	10.54	10.51
<b>85.5</b>	8.12	8.12	8.11	8.10	8.09	8.07	8.04	8.01	7.97	7.93
<b>86.0</b>	6.02	6.02	6.01	6.00	5.97	5.95	5.91	5.87	5.82	5.77
<b>86.5</b>	4.21	4.21	4.21	4.21	4.19	4.18	4.15	4.12	4.09	4.05
<b>87.0</b>	2.81	2.82	2.83	2.84	2.84	2.83	2.82	2.81	2.78	2.76
<b>87.5</b>	2.01	2.02	2.03	2.03	2.03	2.03	2.02	2.01	2.00	1.99
<b>88.0</b>	1.59	1.59	1.59	1.59	1.59	1.59	1.58	1.58	1.58	1.57
<b>88.5</b>	1.41	1.41	1.41	1.41	1.41	1.41	1.40	1.40	1.40	1.39
<b>89.0</b>	1.39	1.39	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.36
<b>89.5</b>	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34
<b>90.0</b>	1.35	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**Vert. Angles      Horizontal Angles**

	<u><b>300.0</b></u>	<u><b>302.5</b></u>	<u><b>305.0</b></u>	<u><b>307.5</b></u>	<u><b>310.0</b></u>	<u><b>312.5</b></u>	<u><b>315.0</b></u>	<u><b>317.5</b></u>	<u><b>320.0</b></u>	<u><b>322.5</b></u>
<b>0.0</b>	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
<b>0.5</b>	23522.58	23522.58	23522.60	23522.62	23522.64	23522.67	23522.70	23522.73	23522.76	23522.79
<b>1.0</b>	23523.78	23523.80	23523.86	23523.92	23523.98	23524.06	23524.13	23524.21	23524.29	23524.38
<b>1.5</b>	23525.70	23525.78	23525.90	23526.02	23526.14	23526.28	23526.43	23526.58	23526.73	23526.88
<b>2.0</b>	23527.00	23527.13	23527.32	23527.51	23527.71	23527.93	23528.15	23528.38	23528.62	23528.86
<b>2.5</b>	23526.66	23526.84	23527.11	23527.38	23527.67	23527.99	23528.32	23528.66	23529.01	23529.37
<b>3.0</b>	23524.11	23524.30	23524.62	23524.94	23525.29	23525.67	23526.08	23526.50	23526.93	23527.37
<b>3.5</b>	23518.56	23518.67	23518.94	23519.20	23519.52	23519.87	23520.25	23520.65	23521.08	23521.51
<b>4.0</b>	23509.67	23509.66	23509.82	23509.99	23510.21	23510.47	23510.77	23511.10	23511.46	23511.83
<b>4.5</b>	23496.96	23496.81	23496.85	23496.88	23496.97	23497.11	23497.29	23497.50	23497.74	23498.00
<b>5.0</b>	23480.07	23479.78	23479.67	23479.55	23479.49	23479.48	23479.51	23479.57	23479.66	23479.79
<b>5.5</b>	23458.59	23458.13	23457.87	23457.59	23457.36	23457.17	23457.03	23456.93	23456.86	23456.82
<b>6.0</b>	23432.27	23431.67	23431.27	23430.84	23430.46	23430.13	23429.85	23429.60	23429.39	23429.22
<b>6.5</b>	23400.78	23400.11	23399.64	23399.15	23398.71	23398.32	23397.98	23397.68	23397.42	23397.20
<b>7.0</b>	23363.93	23363.20	23362.70	23362.17	23361.70	23361.29	23360.92	23360.60	23360.32	23360.09
<b>7.5</b>	23321.64	23320.84	23320.27	23319.69	23319.16	23318.70	23318.29	23317.93	23317.63	23317.37
<b>8.0</b>	23273.25	23272.41	23271.80	23271.18	23270.63	23270.14	23269.71	23269.33	23269.02	23268.76
<b>8.5</b>	23218.47	23217.65	23217.07	23216.46	23215.91	23215.43	23215.01	23214.65	23214.34	23214.09
<b>9.0</b>	23156.11	23155.38	23154.89	23154.37	23153.91	23153.51	23153.16	23152.87	23152.63	23152.44

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**CANDELA TABULATION - (Cont.)**

9.5	23085.18	23084.66	23084.43	23084.16	23083.94	23083.78	23083.67	23083.60	23083.56	23083.57
10.0	23004.78	23004.46	23004.50	23004.46	23004.49	23004.57	23004.70	23004.86	23005.04	23005.25
10.5	22913.72	22913.46	22913.58	22913.63	22913.75	22913.92	22914.14	22914.40	22914.69	22915.00
11.0	22811.83	22811.57	22811.72	22811.79	22811.93	22812.13	22812.39	22812.70	22813.04	22813.40
11.5	22698.98	22698.72	22698.87	22698.93	22699.06	22699.25	22699.49	22699.78	22700.09	22700.44
12.0	22573.82	22573.57	22573.74	22573.81	22573.95	22574.14	22574.39	22574.68	22574.99	22575.33
12.5	22434.94	22434.76	22435.04	22435.23	22435.48	22435.79	22436.16	22436.57	22437.00	22437.46
13.0	22282.34	22282.28	22282.73	22283.07	22283.48	22283.97	22284.51	22285.08	22285.69	22286.31
13.5	22116.02	22116.11	22116.71	22117.20	22117.76	22118.38	22119.06	22119.78	22120.53	22121.29
14.0	21934.61	21934.93	21935.78	21936.51	21937.32	21938.19	21939.11	21940.06	21941.05	21942.04
14.5	21736.27	21737.02	21738.37	21739.59	21740.89	21742.27	21743.69	21745.14	21746.61	21748.09
15.0	21522.25	21523.51	21525.45	21527.24	21529.13	21531.10	21533.11	21535.15	21537.20	21539.22
15.5	21293.79	21295.55	21298.01	21300.30	21302.70	21305.16	21307.67	21310.21	21312.73	21315.23
16.0	21049.02	21051.37	21054.42	21057.31	21060.29	21063.34	21066.44	21069.55	21072.65	21075.72
16.5	20786.05	20789.13	20792.96	20796.64	20800.41	20804.26	20808.16	20812.07	20815.98	20819.84
17.0	20506.22	20510.19	20514.98	20519.61	20524.35	20529.18	20534.07	20538.96	20543.84	20548.67
17.5	20210.27	20215.38	20221.37	20227.20	20233.16	20239.20	20245.29	20251.38	20257.44	20263.42
18.0	19898.07	19904.42	19911.71	19918.84	19926.11	19933.46	19940.86	19948.25	19955.58	19962.80
18.5	19569.60	19577.13	19585.67	19594.05	19602.57	19611.20	19619.86	19628.52	19637.10	19645.55
19.0	19225.28	19234.03	19243.86	19253.52	19263.36	19273.30	19283.28	19293.24	19303.12	19312.86
19.5	18865.19	18875.31	18886.56	18897.66	18908.94	18920.33	18931.76	18943.16	18954.45	18965.57
20.0	18490.28	18501.74	18514.42	18526.95	18539.68	18552.52	18565.39	18578.22	18590.93	18603.43
20.5	18101.31	18113.98	18127.97	18141.81	18155.87	18170.06	18184.29	18198.46	18212.49	18226.30
21.0	17698.82	17712.60	17727.80	17742.85	17758.13	17773.56	17789.03	17804.44	17819.71	17834.72
21.5	17283.51	17298.34	17314.62	17330.74	17347.11	17363.62	17380.18	17396.67	17413.01	17429.10
22.0	16855.67	16871.43	16888.64	16905.70	16923.02	16940.47	16957.97	16975.42	16992.70	17009.71
22.5	16414.94	16431.45	16449.53	16467.46	16485.66	16504.03	16522.44	16540.79	16558.97	16576.88
23.0	15964.02	15981.01	15999.65	16018.13	16036.90	16055.84	16074.83	16093.75	16112.50	16130.96
23.5	15506.38	15523.39	15541.92	15560.29	15578.90	15597.66	15616.46	15635.18	15653.73	15671.99
24.0	15039.31	15056.11	15074.29	15092.28	15110.49	15128.81	15147.15	15165.41	15183.49	15201.29
24.5	14559.61	14576.21	14594.22	14612.03	14630.04	14648.16	14666.29	14684.34	14702.21	14719.80
25.0	14072.16	14088.39	14106.04	14123.46	14141.07	14158.79	14176.51	14194.14	14211.58	14228.74
25.5	13581.25	13596.74	13613.53	13630.06	13646.74	13663.47	13680.19	13696.79	13713.19	13729.30
26.0	13085.53	13100.06	13115.73	13131.12	13146.58	13162.06	13177.48	13192.75	13207.82	13222.59
26.5	12584.41	12597.87	12612.33	12626.46	12640.63	12654.76	12668.79	12682.65	12696.29	12709.64
27.0	12079.92	12092.13	12105.22	12117.94	12130.64	12143.26	12155.74	12168.04	12180.11	12191.89
27.5	11573.06	11583.81	11595.29	11606.37	11617.38	11628.29	11639.03	11649.59	11659.92	11669.98
28.0	11066.32	11075.52	11085.29	11094.65	11103.89	11112.99	11121.92	11130.65	11139.16	11147.43
28.5	10561.89	10569.60	10577.69	10585.36	10592.86	10600.17	10607.30	10614.21	10620.91	10627.39
29.0	10061.52	10067.77	10074.21	10080.22	10086.00	10091.57	10096.91	10102.04	10106.96	10111.66
29.5	9567.36	9572.17	9577.07	9581.51	9585.68	9589.60	9593.28	9596.73	9599.97	9603.01
30.0	9080.39	9083.81	9087.19	9090.08	9092.67	9094.96	9097.00	9098.81	9100.39	9101.79
30.5	8601.96	8603.97	8605.74	8607.00	8607.89	8608.45	8608.72	8608.74	8608.55	8608.19
31.0	8133.19	8133.89	8134.16	8133.92	8133.25	8132.22	8130.88	8129.28	8127.47	8125.52
31.5	7674.65	7674.29	7673.44	7672.07	7670.27	7668.10	7665.61	7662.87	7659.93	7656.86
32.0	7229.26	7227.97	7226.17	7223.85	7221.09	7217.97	7214.54	7210.87	7207.02	7203.05
32.5	6799.98	6797.81	6795.08	6791.84	6788.17	6784.12	6779.77	6775.19	6770.45	6765.61
33.0	6387.20	6384.24	6380.68	6376.61	6372.10	6367.22	6362.05	6356.65	6351.11	6345.49
33.5	5992.21	5988.58	5984.25	5979.44	5974.18	5968.54	5962.62	5956.48	5950.20	5943.88
34.0	5615.26	5611.08	5606.14	5600.72	5594.85	5588.60	5582.07	5575.33	5568.46	5561.57
34.5	5256.71	5252.21	5246.87	5241.09	5234.84	5228.22	5221.31	5214.19	5206.97	5199.72
35.0	4917.54	4912.78	4907.17	4901.13	4894.64	4887.78	4880.65	4873.32	4865.88	4858.43
35.5	4600.10	4594.94	4589.00	4582.65	4575.88	4568.79	4561.44	4553.93	4546.34	4538.75
36.0	4300.56	4295.21	4289.15	4282.72	4275.91	4268.80	4261.48	4254.03	4246.53	4239.05
36.5	4013.78	4008.86	4003.23	3997.28	3990.97	3984.41	3977.65	3970.80	3963.92	3957.11
37.0	3745.97	3741.75	3736.78	3731.53	3725.94	3720.10	3714.09	3707.99	3701.86	3695.81

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**CANDELA TABULATION - (Cont.)**

37.5	3504.82	3501.31	3497.09	3492.55	3487.66	3482.47	3477.06	3471.50	3465.84	3460.17
38.0	3280.83	3277.97	3274.47	3270.62	3266.41	3261.87	3257.06	3252.04	3246.87	3241.58
38.5	3064.63	3062.12	3059.09	3055.75	3052.09	3048.17	3044.02	3039.68	3035.22	3030.66
39.0	2863.53	2861.34	2858.71	2855.84	2852.73	2849.40	2845.90	2842.27	2838.55	2834.78
39.5	2683.82	2682.08	2679.96	2677.63	2675.08	2672.35	2669.46	2666.45	2663.36	2660.22
40.0	2519.26	2518.02	2516.46	2514.70	2512.73	2510.59	2508.31	2505.91	2503.43	2500.90
40.5	2365.34	2364.63	2363.67	2362.51	2361.18	2359.69	2358.06	2356.32	2354.50	2352.61
41.0	2223.25	2223.06	2222.66	2222.10	2221.38	2220.52	2219.53	2218.43	2217.25	2215.99
41.5	2093.40	2093.63	2093.71	2093.64	2093.44	2093.12	2092.69	2092.16	2091.54	2090.85
42.0	1973.63	1974.23	1974.75	1975.14	1975.41	1975.58	1975.66	1975.65	1975.55	1975.39
42.5	1861.69	1862.65	1863.59	1864.41	1865.14	1865.78	1866.34	1866.82	1867.22	1867.54
43.0	1758.30	1759.60	1760.93	1762.15	1763.29	1764.37	1765.37	1766.30	1767.14	1767.91
43.5	1663.99	1665.65	1667.36	1668.96	1670.51	1671.98	1673.39	1674.71	1675.95	1677.11
44.0	1577.03	1578.96	1580.97	1582.89	1584.75	1586.56	1588.29	1589.95	1591.53	1593.01
44.5	1495.72	1497.75	1499.89	1501.97	1504.02	1506.05	1508.03	1509.96	1511.82	1513.60
45.0	1420.37	1422.42	1424.61	1426.75	1428.90	1431.03	1433.14	1435.21	1437.23	1439.20
45.5	1351.25	1353.36	1355.54	1357.65	1359.73	1361.77	1363.77	1365.72	1367.61	1369.43
46.0	1286.64	1288.83	1291.01	1293.11	1295.14	1297.11	1299.02	1300.84	1302.60	1304.27
46.5	1224.48	1226.81	1229.16	1231.44	1233.67	1235.85	1237.97	1240.02	1242.00	1243.90
47.0	1166.05	1168.50	1171.02	1173.49	1175.94	1178.35	1180.71	1183.02	1185.26	1187.42
47.5	1112.34	1114.80	1117.34	1119.83	1122.31	1124.75	1127.16	1129.51	1131.81	1134.03
48.0	1062.19	1064.62	1067.13	1069.60	1072.05	1074.47	1076.86	1079.21	1081.50	1083.72
48.5	1014.73	1017.16	1019.66	1022.12	1024.57	1027.00	1029.39	1031.74	1034.04	1036.28
49.0	970.05	972.45	974.93	977.38	979.82	982.23	984.62	986.96	989.25	991.49
49.5	928.03	930.40	932.84	935.24	937.63	940.01	942.35	944.66	946.92	949.12
50.0	888.30	890.62	893.00	895.35	897.69	900.01	902.31	904.57	906.78	908.95
50.5	850.39	852.65	854.98	857.29	859.59	861.87	864.14	866.37	868.56	870.70
51.0	814.44	816.63	818.90	821.15	823.39	825.63	827.85	830.03	832.18	834.29
51.5	780.62	782.72	784.88	787.03	789.17	791.30	793.42	795.51	797.57	799.58
52.0	748.44	750.44	752.49	754.52	756.56	758.58	760.59	762.57	764.53	766.45
52.5	717.35	719.28	721.25	723.20	725.16	727.11	729.05	730.96	732.85	734.70
53.0	687.63	689.47	691.37	693.25	695.13	697.01	698.87	700.71	702.53	704.31
53.5	659.49	661.23	663.02	664.81	666.59	668.36	670.13	671.87	673.59	675.28
54.0	632.51	634.16	635.84	637.52	639.20	640.87	642.53	644.18	645.80	647.40
54.5	606.25	607.81	609.41	611.00	612.59	614.18	615.76	617.33	618.88	620.40
55.0	581.02	582.49	584.00	585.50	587.01	588.52	590.02	591.50	592.97	594.42
55.5	557.08	558.45	559.86	561.26	562.66	564.06	565.45	566.83	568.20	569.54
56.0	534.10	535.37	536.68	537.98	539.27	540.56	541.85	543.12	544.38	545.62
56.5	511.78	512.98	514.20	515.41	516.62	517.82	519.02	520.21	521.38	522.54
57.0	490.26	491.37	492.51	493.63	494.76	495.88	496.99	498.10	499.20	500.28
57.5	469.59	470.60	471.64	472.66	473.69	474.71	475.72	476.73	477.72	478.71
58.0	449.70	450.62	451.56	452.49	453.41	454.33	455.24	456.15	457.05	457.95
58.5	430.56	431.40	432.26	433.11	433.95	434.79	435.62	436.45	437.27	438.09
59.0	412.14	412.92	413.70	414.48	415.24	416.00	416.76	417.51	418.26	419.00
59.5	394.42	395.12	395.83	396.52	397.21	397.89	398.57	399.24	399.91	400.58
60.0	377.42	378.04	378.68	379.30	379.91	380.52	381.12	381.72	382.31	382.91
60.5	361.19	361.78	362.37	362.93	363.48	364.02	364.56	365.08	365.61	366.13
61.0	345.57	346.12	346.64	347.15	347.64	348.12	348.59	349.05	349.50	349.95
61.5	330.29	330.77	331.22	331.64	332.05	332.45	332.84	333.21	333.59	333.97
62.0	315.58	316.00	316.38	316.74	317.08	317.41	317.73	318.04	318.35	318.67
62.5	301.64	302.04	302.41	302.76	303.09	303.40	303.71	304.00	304.29	304.58
63.0	288.23	288.64	289.02	289.38	289.72	290.04	290.34	290.64	290.92	291.20
63.5	275.16	275.55	275.93	276.29	276.63	276.95	277.26	277.56	277.85	278.13
64.0	262.61	262.98	263.37	263.73	264.07	264.41	264.73	265.04	265.34	265.64
64.5	250.72	251.10	251.50	251.87	252.24	252.59	252.94	253.28	253.61	253.93
65.0	239.44	239.82	240.24	240.63	241.02	241.41	241.78	242.15	242.50	242.85

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**CANDELA TABULATION - (Cont.)**

65.5	228.79	229.18	229.61	230.02	230.43	230.83	231.23	231.61	231.99	232.36
66.0	218.71	219.09	219.53	219.95	220.36	220.78	221.19	221.59	221.99	222.37
66.5	209.13	209.51	209.94	210.35	210.76	211.18	211.59	211.99	212.39	212.77
67.0	199.99	200.36	200.78	201.18	201.59	201.99	202.39	202.79	203.18	203.56
67.5	191.26	191.61	192.01	192.40	192.79	193.18	193.57	193.95	194.32	194.68
68.0	182.83	183.17	183.56	183.93	184.31	184.68	185.05	185.41	185.76	186.11
68.5	174.58	174.91	175.29	175.65	176.02	176.38	176.75	177.10	177.45	177.78
69.0	166.61	166.92	167.28	167.64	167.99	168.34	168.69	169.04	169.38	169.70
69.5	159.00	159.28	159.62	159.94	160.26	160.58	160.89	161.21	161.51	161.80
70.0	151.65	151.90	152.21	152.50	152.79	153.08	153.36	153.64	153.92	154.18
70.5	144.42	144.67	144.97	145.26	145.55	145.84	146.12	146.40	146.67	146.93
71.0	137.42	137.67	137.98	138.28	138.57	138.87	139.16	139.45	139.72	139.98
71.5	130.74	130.99	131.30	131.59	131.89	132.18	132.47	132.76	133.03	133.29
72.0	124.34	124.59	124.89	125.18	125.47	125.76	126.05	126.33	126.60	126.85
72.5	118.21	118.46	118.76	119.04	119.33	119.61	119.89	120.17	120.43	120.69
73.0	112.34	112.58	112.87	113.15	113.43	113.71	113.99	114.26	114.52	114.77
73.5	106.69	106.93	107.22	107.50	107.77	108.05	108.32	108.59	108.84	109.09
74.0	101.25	101.48	101.77	102.04	102.31	102.58	102.85	103.11	103.37	103.61
74.5	95.98	96.21	96.49	96.75	97.01	97.27	97.53	97.78	98.03	98.26
75.0	90.89	91.11	91.38	91.63	91.88	92.13	92.38	92.62	92.86	93.08
75.5	86.00	86.21	86.46	86.70	86.94	87.18	87.42	87.66	87.88	88.10
76.0	81.25	81.45	81.69	81.92	82.15	82.38	82.61	82.84	83.06	83.26
76.5	76.60	76.79	77.02	77.25	77.47	77.70	77.92	78.14	78.36	78.56
77.0	72.09	72.26	72.49	72.70	72.92	73.14	73.36	73.57	73.78	73.98
77.5	67.74	67.91	68.12	68.32	68.52	68.72	68.93	69.13	69.32	69.51
78.0	63.51	63.66	63.85	64.03	64.22	64.41	64.59	64.78	64.96	65.13
78.5	59.31	59.45	59.63	59.80	59.98	60.15	60.33	60.50	60.67	60.84
79.0	55.19	55.32	55.49	55.65	55.82	55.98	56.15	56.32	56.48	56.64
79.5	51.19	51.31	51.47	51.62	51.78	51.94	52.10	52.25	52.40	52.55
80.0	47.24	47.35	47.50	47.65	47.79	47.94	48.09	48.24	48.39	48.52
80.5	43.26	43.37	43.52	43.66	43.80	43.94	44.09	44.23	44.37	44.50
81.0	39.31	39.41	39.55	39.68	39.82	39.96	40.10	40.24	40.37	40.50
81.5	35.36	35.46	35.59	35.72	35.85	35.98	36.12	36.25	36.38	36.50
82.0	31.47	31.56	31.68	31.80	31.92	32.04	32.17	32.29	32.40	32.51
82.5	27.69	27.76	27.86	27.96	28.06	28.16	28.26	28.36	28.45	28.53
83.0	24.00	24.05	24.13	24.20	24.27	24.34	24.41	24.48	24.55	24.60
83.5	20.37	20.40	20.46	20.50	20.55	20.59	20.64	20.68	20.71	20.74
84.0	16.88	16.89	16.92	16.94	16.96	16.97	16.99	17.00	17.01	17.01
84.5	13.53	13.52	13.52	13.52	13.51	13.50	13.49	13.47	13.45	13.43
85.0	10.48	10.45	10.42	10.39	10.36	10.32	10.28	10.24	10.19	10.14
85.5	7.88	7.83	7.77	7.70	7.64	7.57	7.50	7.42	7.35	7.27
86.0	5.71	5.64	5.56	5.47	5.39	5.29	5.20	5.11	5.01	4.92
86.5	4.00	3.93	3.85	3.78	3.69	3.61	3.53	3.44	3.35	3.27
87.0	2.73	2.68	2.62	2.56	2.50	2.44	2.38	2.31	2.24	2.18
87.5	1.97	1.95	1.91	1.88	1.85	1.81	1.78	1.74	1.71	1.67
88.0	1.56	1.56	1.55	1.54	1.53	1.52	1.51	1.50	1.49	1.48
88.5	1.39	1.39	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.36
89.0	1.36	1.36	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34
89.5	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
90.0	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36

**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>	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65	23521.65
<b>0.5</b>	23522.83	23522.86	23522.89	23522.90	23522.91	23522.91	23522.92	23522.92	23522.93	23522.93

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**CANDELA TABULATION - (Cont.)**

1.0	23524.46	23524.54	23524.62	23524.66	23524.69	23524.72	23524.74	23524.77	23524.79	23524.80
1.5	23527.03	23527.18	23527.32	23527.41	23527.48	23527.55	23527.61	23527.67	23527.71	23527.75
2.0	23529.09	23529.33	23529.54	23529.70	23529.82	23529.94	23530.05	23530.15	23530.24	23530.31
2.5	23529.72	23530.07	23530.39	23530.63	23530.83	23531.03	23531.21	23531.37	23531.51	23531.64
3.0	23527.81	23528.26	23528.67	23528.98	23529.24	23529.49	23529.73	23529.94	23530.13	23530.30
3.5	23521.96	23522.41	23522.82	23523.13	23523.40	23523.66	23523.90	23524.13	23524.33	23524.51
4.0	23512.22	23512.62	23512.99	23513.26	23513.49	23513.72	23513.94	23514.14	23514.33	23514.49
4.5	23498.27	23498.57	23498.84	23499.02	23499.17	23499.32	23499.46	23499.60	23499.73	23499.84
5.0	23479.92	23480.09	23480.24	23480.32	23480.37	23480.44	23480.51	23480.58	23480.64	23480.71
5.5	23456.81	23456.83	23456.86	23456.87	23456.88	23456.91	23456.96	23457.01	23457.06	23457.12
6.0	23429.09	23428.98	23428.91	23428.87	23428.86	23428.86	23428.89	23428.93	23428.98	23429.04
6.5	23397.02	23396.87	23396.76	23396.67	23396.61	23396.57	23396.56	23396.56	23396.58	23396.62
7.0	23359.89	23359.73	23359.60	23359.50	23359.42	23359.36	23359.33	23359.32	23359.33	23359.35
7.5	23317.16	23316.99	23316.87	23316.80	23316.78	23316.78	23316.81	23316.86	23316.93	23317.02
8.0	23268.55	23268.38	23268.28	23268.27	23268.32	23268.40	23268.51	23268.64	23268.79	23268.94
8.5	23213.89	23213.73	23213.65	23213.70	23213.83	23213.97	23214.15	23214.35	23214.56	23214.78
9.0	23152.30	23152.19	23152.15	23152.23	23152.38	23152.54	23152.73	23152.93	23153.15	23153.37
9.5	23083.59	23083.65	23083.71	23083.70	23083.68	23083.69	23083.70	23083.71	23083.74	23083.77
10.0	23005.46	23005.70	23005.87	23005.80	23005.65	23005.53	23005.39	23005.25	23005.11	23004.97
10.5	22915.33	22915.68	22915.97	22916.05	22916.06	22916.09	22916.10	22916.10	22916.10	22916.08
11.0	22813.79	22814.21	22814.58	22814.82	22815.02	22815.22	22815.41	22815.59	22815.75	22815.90
11.5	22700.80	22701.20	22701.55	22701.77	22701.95	22702.13	22702.30	22702.46	22702.61	22702.74
12.0	22575.69	22576.07	22576.40	22576.57	22576.69	22576.81	22576.92	22577.02	22577.11	22577.18
12.5	22437.92	22438.42	22438.83	22439.01	22439.10	22439.20	22439.29	22439.35	22439.40	22439.43
13.0	22286.93	22287.59	22288.14	22288.39	22288.53	22288.68	22288.80	22288.89	22288.96	22289.01
13.5	22122.05	22122.85	22123.55	22124.01	22124.37	22124.73	22125.06	22125.36	22125.62	22125.84
14.0	21943.04	21944.05	21944.99	21945.70	21946.32	21946.93	21947.49	21948.01	21948.47	21948.88
14.5	21749.54	21751.00	21752.30	21753.20	21753.92	21754.62	21755.25	21755.80	21756.29	21756.69
15.0	21541.20	21543.19	21544.94	21546.11	21547.03	21547.90	21548.67	21549.34	21549.90	21550.36
15.5	21317.69	21320.12	21322.33	21324.00	21325.42	21326.77	21328.00	21329.09	21330.05	21330.87
16.0	21078.73	21081.71	21084.48	21086.80	21088.88	21090.86	21092.69	21094.35	21095.84	21097.15
16.5	20823.64	20827.38	20830.91	20834.01	20836.85	20839.55	20842.06	20844.36	20846.45	20848.29
17.0	20553.41	20558.08	20562.50	20566.46	20570.12	20573.60	20576.84	20579.82	20582.52	20584.92
17.5	20269.28	20275.04	20280.47	20285.30	20289.75	20293.98	20297.90	20301.50	20304.75	20307.63
18.0	19969.87	19976.81	19983.35	19989.13	19994.43	19999.46	20004.13	20008.39	20012.24	20015.64
18.5	19653.83	19661.95	19669.62	19676.49	19682.83	19688.84	19694.43	19699.54	19704.16	19708.27
19.0	19322.39	19331.73	19340.58	19348.57	19355.98	19363.00	19369.53	19375.52	19380.94	19385.76
19.5	18976.44	18987.09	18997.17	19006.22	19014.59	19022.52	19029.88	19036.63	19042.73	19048.14
20.0	18615.65	18627.61	18638.91	18648.99	18658.28	18667.08	18675.24	18682.70	18689.44	18695.40
20.5	18239.79	18253.00	18265.45	18276.50	18286.67	18296.29	18305.20	18313.35	18320.69	18327.19
21.0	17849.39	17863.76	17877.30	17889.35	17900.43	17910.92	17920.64	17929.53	17937.54	17944.63
21.5	17444.82	17460.22	17474.82	17488.04	17500.32	17511.95	17522.75	17532.67	17541.64	17549.62
22.0	17026.37	17042.66	17058.18	17072.44	17085.78	17098.40	17110.16	17120.98	17130.80	17139.54
22.5	16594.39	16611.52	16627.79	16642.57	16656.30	16669.31	16681.40	16692.51	16702.57	16711.50
23.0	16149.00	16166.66	16183.38	16198.45	16212.40	16225.61	16237.88	16249.13	16259.29	16268.32
23.5	15689.85	15707.31	15723.98	15739.37	15753.79	15767.44	15780.15	15791.86	15802.49	15811.97
24.0	15218.73	15235.74	15252.12	15267.62	15282.31	15296.22	15309.23	15321.25	15332.21	15342.01
24.5	14737.02	14753.82	14769.98	14785.21	14799.63	14813.28	14826.03	14837.81	14848.54	14858.13
25.0	14245.53	14261.90	14277.60	14292.26	14306.08	14319.15	14331.35	14342.59	14352.81	14361.94
25.5	13745.05	13760.39	13775.09	13788.87	13801.85	13814.13	13825.57	13836.12	13845.70	13854.25
26.0	13237.01	13251.03	13264.46	13277.12	13289.06	13300.33	13310.83	13320.51	13329.30	13337.14
26.5	12722.63	12735.23	12747.30	12758.64	12769.33	12779.41	12788.78	12797.39	12805.21	12812.16
27.0	12203.33	12214.39	12224.97	12234.92	12244.29	12253.09	12261.27	12268.77	12275.56	12281.60
27.5	11679.72	11689.13	11698.14	11706.74	11714.88	11722.52	11729.61	11736.13	11742.03	11747.27
28.0	11155.43	11163.10	11170.51	11177.74	11184.65	11191.12	11197.14	11202.69	11207.71	11212.18
28.5	10633.62	10639.55	10645.33	10651.17	10656.82	10662.09	10667.00	10671.53	10675.64	10679.31

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**CANDELA TABULATION - (Cont.)**

29.0	10116.16	10120.37	10124.53	10128.95	10133.30	10137.32	10141.08	10144.55	10147.70	10150.51
29.5	9605.86	9608.46	9611.05	9613.97	9616.88	9619.54	9622.02	9624.29	9626.34	9628.17
30.0	9103.02	9104.03	9105.08	9106.55	9108.09	9109.45	9110.69	9111.82	9112.83	9113.72
30.5	8607.70	8606.99	8606.46	8606.66	8607.08	8607.36	8607.62	8607.86	8608.08	8608.28
31.0	8123.46	8121.20	8119.26	8118.33	8117.76	8117.11	8116.51	8115.99	8115.53	8115.14
31.5	7653.72	7650.40	7647.44	7645.54	7644.07	7642.55	7641.16	7639.89	7638.75	7637.76
32.0	7199.03	7194.86	7191.08	7188.38	7186.13	7183.89	7181.82	7179.92	7178.21	7176.70
32.5	6760.75	6755.76	6751.22	6747.89	6745.08	6742.31	6739.76	6737.43	6735.33	6733.49
33.0	6339.88	6334.16	6328.96	6325.11	6321.87	6318.69	6315.77	6313.12	6310.75	6308.67
33.5	5937.58	5931.19	5925.39	5921.09	5917.47	5913.93	5910.70	5907.78	5905.18	5902.90
34.0	5554.72	5547.78	5541.50	5536.85	5532.94	5529.13	5525.66	5522.53	5519.75	5517.34
34.5	5192.53	5185.26	5178.67	5173.79	5169.69	5165.71	5162.07	5158.80	5155.90	5153.39
35.0	4851.06	4843.61	4836.87	4831.85	4827.64	4823.55	4819.83	4816.48	4813.51	4810.94
35.5	4531.25	4523.72	4516.87	4511.69	4507.29	4503.04	4499.17	4495.69	4492.60	4489.91
36.0	4231.68	4224.30	4217.60	4212.56	4208.29	4204.18	4200.45	4197.11	4194.15	4191.60
36.5	3950.43	3943.72	3937.83	3933.92	3930.92	3928.02	3925.48	3923.29	3921.45	3919.95
37.0	3689.89	3683.92	3678.81	3675.82	3673.77	3671.77	3670.11	3668.75	3667.69	3666.91
37.5	3454.54	3448.85	3443.68	3439.79	3436.50	3433.30	3430.38	3427.74	3425.40	3423.35
38.0	3236.25	3230.87	3225.64	3220.81	3216.22	3211.76	3207.53	3203.55	3199.87	3196.51
38.5	3026.07	3021.43	3016.93	3012.78	3008.84	3005.02	3001.38	2997.97	2994.81	2991.93
39.0	2831.01	2827.20	2823.59	2820.47	2817.60	2814.82	2812.21	2809.78	2807.56	2805.56
39.5	2657.07	2653.89	2650.88	2648.31	2645.97	2643.69	2641.55	2639.56	2637.74	2636.10
40.0	2498.34	2495.74	2493.27	2491.14	2489.19	2487.28	2485.48	2483.79	2482.25	2480.85
40.5	2350.69	2348.72	2346.81	2345.10	2343.48	2341.90	2340.39	2338.96	2337.63	2336.42
41.0	2214.68	2213.32	2211.96	2210.64	2209.35	2208.07	2206.84	2205.65	2204.53	2203.49
41.5	2090.10	2089.30	2088.46	2087.57	2086.67	2085.77	2084.88	2084.01	2083.18	2082.39
42.0	1975.16	1974.87	1974.52	1974.05	1973.53	1972.99	1972.44	1971.88	1971.33	1970.80
42.5	1867.79	1868.00	1868.08	1867.97	1867.76	1867.52	1867.24	1866.93	1866.60	1866.26
43.0	1768.60	1769.23	1769.72	1769.91	1769.96	1769.97	1769.92	1769.82	1769.67	1769.49
43.5	1678.17	1679.17	1679.98	1680.41	1680.65	1680.84	1680.95	1680.98	1680.95	1680.87
44.0	1594.39	1595.71	1596.82	1597.49	1597.94	1598.34	1598.64	1598.84	1598.96	1599.01
44.5	1515.30	1516.95	1518.40	1519.47	1520.33	1521.13	1521.82	1522.40	1522.88	1523.27
45.0	1441.09	1442.93	1444.62	1446.01	1447.24	1448.38	1449.41	1450.33	1451.14	1451.83
45.5	1371.17	1372.85	1374.41	1375.78	1377.02	1378.18	1379.23	1380.18	1381.02	1381.74
46.0	1305.87	1307.37	1308.79	1310.09	1311.30	1312.41	1313.41	1314.32	1315.12	1315.82
46.5	1245.71	1247.44	1249.05	1250.50	1251.81	1253.03	1254.14	1255.13	1256.00	1256.76
47.0	1189.50	1191.51	1193.37	1194.99	1196.44	1197.80	1199.04	1200.15	1201.13	1201.98
47.5	1136.18	1138.25	1140.20	1141.93	1143.52	1145.01	1146.37	1147.61	1148.71	1149.67
48.0	1085.88	1087.96	1089.93	1091.75	1093.45	1095.04	1096.51	1097.85	1099.06	1100.12
48.5	1038.45	1040.55	1042.54	1044.40	1046.13	1047.77	1049.28	1050.66	1051.90	1053.01
49.0	993.65	995.75	997.74	999.61	1001.36	1003.01	1004.53	1005.93	1007.19	1008.31
49.5	951.26	953.32	955.30	957.17	958.94	960.61	962.15	963.57	964.86	966.00
50.0	911.05	913.08	915.03	916.90	918.68	920.36	921.91	923.35	924.65	925.81
50.5	872.78	874.79	876.73	878.60	880.38	882.05	883.61	885.04	886.35	887.51
51.0	836.34	838.32	840.24	842.09	843.85	845.51	847.07	848.50	849.80	850.97
51.5	801.55	803.45	805.30	807.13	808.89	810.54	812.09	813.53	814.85	816.03
52.0	768.32	770.13	771.91	773.69	775.43	777.06	778.60	780.03	781.34	782.52
52.5	736.50	738.25	739.97	741.69	743.36	744.94	746.42	747.80	749.06	750.20
53.0	706.06	707.74	709.39	711.04	712.64	714.15	715.57	716.89	718.10	719.19
53.5	676.94	678.54	680.11	681.71	683.26	684.73	686.12	687.41	688.59	689.66
54.0	648.96	650.47	651.97	653.52	655.03	656.46	657.81	659.07	660.23	661.28
54.5	621.90	623.34	624.77	626.26	627.72	629.09	630.40	631.61	632.74	633.75
55.0	595.84	597.21	598.58	600.00	601.40	602.73	603.98	605.16	606.24	607.22
55.5	570.86	572.14	573.42	574.78	576.14	577.42	578.63	579.77	580.82	581.78
56.0	546.84	548.02	549.21	550.51	551.82	553.05	554.22	555.33	556.35	557.29
56.5	523.69	524.79	525.91	527.14	528.38	529.55	530.67	531.72	532.70	533.59

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**CANDELA TABULATION - (Cont.)**

57.0	501.34	502.37	503.42	504.59	505.76	506.87	507.94	508.94	509.87	510.72
57.5	479.69	480.63	481.60	482.71	483.84	484.91	485.93	486.90	487.80	488.63
58.0	458.83	459.68	460.58	461.63	462.72	463.75	464.74	465.69	466.57	467.38
58.5	438.90	439.67	440.50	441.50	442.54	443.53	444.48	445.39	446.24	447.02
59.0	419.74	420.45	421.21	422.16	423.15	424.09	425.00	425.87	426.69	427.44
59.5	401.25	401.88	402.58	403.46	404.41	405.30	406.16	406.99	407.76	408.49
60.0	383.50	384.06	384.69	385.52	386.41	387.25	388.07	388.85	389.59	390.28
60.5	366.65	367.14	367.70	368.48	369.31	370.10	370.87	371.61	372.31	372.96
61.0	350.41	350.83	351.33	352.05	352.84	353.59	354.32	355.03	355.69	356.32
61.5	334.35	334.70	335.15	335.86	336.65	337.40	338.14	338.86	339.55	340.19
62.0	319.00	319.29	319.69	320.37	321.15	321.89	322.62	323.33	324.01	324.66
62.5	304.87	305.14	305.49	306.08	306.75	307.38	308.00	308.60	309.18	309.72
63.0	291.48	291.74	292.05	292.54	293.08	293.59	294.09	294.57	295.02	295.45
63.5	278.41	278.66	278.96	279.39	279.86	280.30	280.73	281.13	281.52	281.88
64.0	265.93	266.20	266.49	266.88	267.30	267.68	268.06	268.41	268.75	269.06
64.5	254.24	254.54	254.84	255.20	255.56	255.90	256.23	256.53	256.82	257.08
65.0	243.19	243.51	243.83	244.16	244.48	244.79	245.07	245.33	245.57	245.79
65.5	232.72	233.07	233.39	233.70	233.98	234.25	234.49	234.72	234.92	235.10
66.0	222.74	223.10	223.43	223.71	223.97	224.20	224.42	224.61	224.78	224.93
66.5	213.15	213.51	213.84	214.10	214.34	214.55	214.75	214.92	215.07	215.20
67.0	203.92	204.28	204.60	204.85	205.06	205.26	205.43	205.59	205.72	205.83
67.5	195.03	195.37	195.67	195.88	196.06	196.23	196.37	196.49	196.60	196.68
68.0	186.43	186.75	187.03	187.22	187.37	187.50	187.62	187.71	187.79	187.85
68.5	178.11	178.42	178.69	178.87	179.00	179.13	179.23	179.32	179.38	179.43
69.0	170.02	170.32	170.58	170.75	170.87	170.99	171.08	171.16	171.21	171.26
69.5	162.08	162.36	162.59	162.72	162.82	162.90	162.97	163.02	163.06	163.08
70.0	154.42	154.67	154.87	154.97	155.03	155.09	155.12	155.15	155.16	155.15
70.5	147.17	147.41	147.60	147.68	147.71	147.73	147.73	147.72	147.70	147.66
71.0	140.23	140.47	140.66	140.71	140.71	140.71	140.68	140.65	140.60	140.54
71.5	133.53	133.77	133.95	134.00	133.99	133.97	133.94	133.89	133.83	133.77
72.0	127.09	127.33	127.51	127.56	127.54	127.53	127.50	127.45	127.40	127.33
72.5	120.92	121.16	121.34	121.39	121.39	121.39	121.36	121.33	121.28	121.23
73.0	115.00	115.23	115.41	115.47	115.48	115.49	115.48	115.46	115.42	115.38
73.5	109.32	109.55	109.72	109.79	109.80	109.81	109.81	109.79	109.76	109.71
74.0	103.83	104.05	104.23	104.29	104.31	104.32	104.31	104.29	104.26	104.22
74.5	98.48	98.69	98.86	98.92	98.93	98.94	98.93	98.90	98.87	98.83
75.0	93.29	93.50	93.66	93.71	93.72	93.72	93.70	93.68	93.64	93.59
75.5	88.30	88.50	88.65	88.70	88.70	88.70	88.68	88.65	88.61	88.56
76.0	83.46	83.65	83.80	83.84	83.84	83.83	83.82	83.78	83.74	83.70
76.5	78.76	78.95	79.09	79.13	79.13	79.12	79.09	79.06	79.02	78.97
77.0	74.17	74.36	74.50	74.54	74.53	74.52	74.49	74.46	74.42	74.36
77.5	69.68	69.86	69.99	70.02	70.01	70.00	69.98	69.95	69.91	69.86
78.0	65.29	65.45	65.57	65.60	65.60	65.59	65.57	65.55	65.51	65.47
78.5	60.99	61.14	61.26	61.30	61.30	61.30	61.28	61.26	61.23	61.20
79.0	56.79	56.93	57.05	57.08	57.09	57.09	57.08	57.06	57.04	57.01
79.5	52.69	52.83	52.94	52.97	52.97	52.97	52.96	52.94	52.91	52.88
80.0	48.65	48.79	48.89	48.91	48.90	48.89	48.87	48.85	48.81	48.78
80.5	44.63	44.75	44.84	44.86	44.84	44.82	44.79	44.75	44.71	44.66
81.0	40.61	40.74	40.82	40.82	40.79	40.75	40.71	40.66	40.61	40.55
81.5	36.61	36.72	36.80	36.79	36.74	36.70	36.64	36.58	36.51	36.45
82.0	32.61	32.72	32.78	32.76	32.69	32.63	32.56	32.49	32.41	32.32
82.5	28.61	28.69	28.73	28.68	28.59	28.51	28.41	28.31	28.21	28.11
83.0	24.65	24.70	24.72	24.64	24.53	24.42	24.30	24.18	24.06	23.94
83.5	20.76	20.78	20.77	20.68	20.54	20.42	20.29	20.15	20.02	19.89
84.0	17.00	17.00	16.96	16.85	16.72	16.58	16.45	16.31	16.18	16.05
84.5	13.40	13.37	13.32	13.21	13.09	12.97	12.85	12.73	12.62	12.51

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**CANDELA TABULATION - (Cont.)**

85.0	10.09	10.04	9.97	9.88	9.78	9.68	9.58	9.49	9.39	9.31
85.5	7.19	7.12	7.04	6.95	6.85	6.76	6.68	6.60	6.52	6.45
86.0	4.83	4.73	4.64	4.56	4.48	4.40	4.33	4.26	4.20	4.14
86.5	3.18	3.10	3.02	2.96	2.90	2.85	2.80	2.75	2.71	2.67
87.0	2.12	2.05	2.00	1.96	1.92	1.89	1.87	1.84	1.82	1.80
87.5	1.63	1.60	1.57	1.54	1.53	1.51	1.49	1.48	1.47	1.46
88.0	1.47	1.46	1.45	1.44	1.43	1.42	1.42	1.41	1.40	1.39
88.5	1.36	1.36	1.36	1.35	1.35	1.35	1.34	1.34	1.34	1.33
89.0	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
89.5	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
90.0	1.36	1.36	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34

**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	23521.65	23521.65	23521.65	23521.65	23521.65
0.5	23522.93	23522.93	23522.93	23522.93	23522.92
1.0	23524.81	23524.82	23524.82	23524.83	23524.82
1.5	23527.79	23527.81	23527.83	23527.84	23527.84
2.0	23530.37	23530.42	23530.46	23530.49	23530.50
2.5	23531.74	23531.83	23531.90	23531.95	23531.97
3.0	23530.45	23530.56	23530.66	23530.73	23530.76
3.5	23524.66	23524.79	23524.90	23524.98	23525.02
4.0	23514.64	23514.76	23514.87	23514.95	23514.99
4.5	23499.95	23500.03	23500.11	23500.17	23500.20
5.0	23480.77	23480.82	23480.87	23480.92	23480.95
5.5	23457.18	23457.25	23457.31	23457.38	23457.41
6.0	23429.11	23429.19	23429.27	23429.36	23429.41
6.5	23396.66	23396.71	23396.78	23396.85	23396.90
7.0	23359.38	23359.43	23359.48	23359.55	23359.60
7.5	23317.11	23317.21	23317.31	23317.44	23317.52
8.0	23269.11	23269.28	23269.44	23269.63	23269.74
8.5	23215.01	23215.23	23215.44	23215.68	23215.81
9.0	23153.60	23153.81	23154.02	23154.24	23154.37
9.5	23083.79	23083.83	23083.86	23083.90	23083.93
10.0	23004.83	23004.71	23004.59	23004.47	23004.40
10.5	22916.06	22916.04	22916.01	22915.97	22915.95
11.0	22816.03	22816.15	22816.24	22816.32	22816.36
11.5	22702.86	22702.96	22703.04	22703.11	22703.14
12.0	22577.25	22577.30	22577.34	22577.37	22577.38
12.5	22439.45	22439.46	22439.46	22439.43	22439.42
13.0	22289.03	22289.04	22289.03	22288.99	22288.96
13.5	22126.02	22126.17	22126.29	22126.36	22126.39
14.0	21949.23	21949.52	21949.76	21949.94	21950.03
14.5	21757.02	21757.28	21757.46	21757.57	21757.61
15.0	21550.73	21550.99	21551.17	21551.24	21551.24
15.5	21331.55	21332.10	21332.50	21332.77	21332.88
16.0	21098.28	21099.21	21099.93	21100.49	21100.75
16.5	20849.89	20851.23	20852.30	20853.15	20853.55
17.0	20587.01	20588.76	20590.16	20591.30	20591.84
17.5	20310.13	20312.22	20313.88	20315.21	20315.83
18.0	20018.58	20021.04	20022.98	20024.52	20025.23
18.5	19711.82	19714.79	19717.15	19719.04	19719.92
19.0	19389.93	19393.43	19396.22	19398.47	19399.52
19.5	19052.82	19056.73	19059.85	19062.34	19063.50
20.0	18700.56	18704.86	18708.27	18710.98	18712.23



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**CANDELA TABULATION - (Cont.)**

20.5	18332.79	18337.46	18341.16	18344.08	18345.43
21.0	17950.75	17955.85	17959.89	17963.09	17964.56
21.5	17556.52	17562.31	17566.92	17570.64	17572.37
22.0	17147.14	17153.54	17158.66	17162.82	17164.79
22.5	16719.26	16725.76	16730.94	16735.13	16737.09
23.0	16276.13	16282.67	16287.86	16292.03	16293.97
23.5	15820.21	15827.15	15832.71	15837.25	15839.39
24.0	15350.58	15357.84	15363.69	15368.54	15370.87
24.5	14866.51	14873.59	14879.30	14884.03	14886.28
25.0	14369.89	14376.59	14381.98	14386.40	14388.50
25.5	13861.70	13867.98	13873.02	13877.15	13879.10
26.0	13343.96	13349.71	13354.31	13358.08	13359.86
26.5	12818.19	12823.27	12827.32	12830.61	12832.15
27.0	12286.82	12291.21	12294.69	12297.50	12298.81
27.5	11751.82	11755.64	11758.68	11761.13	11762.28
28.0	11216.07	11219.34	11221.96	11224.08	11225.09
28.5	10682.51	10685.20	10687.36	10689.13	10689.96
29.0	10152.97	10155.04	10156.71	10158.08	10158.73
29.5	9629.76	9631.09	9632.15	9633.00	9633.40
30.0	9114.47	9115.10	9115.59	9115.96	9116.13
30.5	8608.45	8608.59	8608.71	8608.81	8608.86
31.0	8114.81	8114.55	8114.36	8114.24	8114.19
31.5	7636.90	7636.20	7635.65	7635.23	7635.04
32.0	7175.39	7174.31	7173.45	7172.77	7172.46
32.5	6731.91	6730.60	6729.57	6728.77	6728.41
33.0	6306.90	6305.44	6304.31	6303.46	6303.08
33.5	5900.98	5899.40	5898.19	5897.29	5896.90
34.0	5515.30	5513.64	5512.37	5511.45	5511.05
34.5	5151.26	5149.54	5148.23	5147.28	5146.88
35.0	4808.77	4807.01	4805.68	4804.72	4804.32
35.5	4487.65	4485.81	4484.41	4483.40	4482.98
36.0	4189.46	4187.73	4186.43	4185.52	4185.15
36.5	3918.77	3917.91	3917.36	3917.17	3917.17
37.0	3666.38	3666.10	3666.04	3666.29	3666.52
37.5	3421.62	3420.21	3419.13	3418.33	3417.99
38.0	3193.52	3190.94	3188.79	3186.91	3185.97
38.5	2989.37	2987.15	2985.32	2983.71	2982.91
39.0	2803.80	2802.30	2801.08	2800.04	2799.54
39.5	2634.66	2633.44	2632.44	2631.60	2631.19
40.0	2479.61	2478.55	2477.68	2476.93	2476.57
40.5	2335.34	2334.39	2333.61	2332.91	2332.56
41.0	2202.55	2201.72	2201.01	2200.35	2200.01
41.5	2081.67	2081.02	2080.45	2079.91	2079.62
42.0	1970.29	1969.82	1969.41	1968.98	1968.76
42.5	1865.92	1865.58	1865.27	1864.93	1864.73
43.0	1769.28	1769.06	1768.83	1768.54	1768.37
43.5	1680.74	1680.57	1680.37	1680.11	1679.94
44.0	1598.99	1598.92	1598.79	1598.58	1598.44
44.5	1523.56	1523.76	1523.87	1523.88	1523.85
45.0	1452.41	1452.87	1453.21	1453.43	1453.52
45.5	1382.35	1382.84	1383.21	1383.48	1383.59
46.0	1316.40	1316.87	1317.23	1317.48	1317.59
46.5	1257.40	1257.91	1258.30	1258.57	1258.68
47.0	1202.69	1203.27	1203.70	1204.01	1204.13
47.5	1150.49	1151.16	1151.68	1152.07	1152.24
48.0	1101.04	1101.80	1102.40	1102.87	1103.08

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48.5	1053.96	1054.75	1055.38	1055.88	1056.10
49.0	1009.28	1010.09	1010.73	1011.24	1011.47
49.5	966.99	967.83	968.49	969.02	969.27
50.0	926.82	927.68	928.36	928.91	929.18
50.5	888.53	889.39	890.07	890.64	890.91
51.0	851.99	852.85	853.54	854.11	854.38
51.5	817.06	817.94	818.65	819.25	819.53
52.0	783.56	784.44	785.17	785.78	786.08
52.5	751.20	752.05	752.75	753.34	753.62
53.0	720.15	720.96	721.63	722.19	722.46
53.5	690.60	691.40	692.06	692.62	692.90
54.0	662.21	663.01	663.66	664.22	664.50
54.5	634.65	635.42	636.06	636.61	636.88
55.0	608.09	608.83	609.45	609.98	610.24
55.5	582.63	583.37	583.98	584.51	584.77
56.0	558.12	558.84	559.44	559.97	560.23
56.5	534.39	535.08	535.65	536.16	536.41
57.0	511.48	512.14	512.69	513.18	513.42
57.5	489.38	490.03	490.57	491.06	491.30
58.0	468.11	468.75	469.29	469.77	470.02
58.5	447.73	448.35	448.88	449.36	449.60
59.0	428.12	428.72	429.23	429.70	429.94
59.5	409.14	409.72	410.21	410.66	410.90
60.0	390.91	391.46	391.93	392.37	392.60
60.5	373.55	374.08	374.53	374.95	375.16
61.0	356.89	357.40	357.83	358.24	358.45
61.5	340.78	341.31	341.77	342.20	342.43
62.0	325.25	325.78	326.25	326.69	326.92
62.5	310.22	310.67	311.06	311.43	311.62
63.0	295.84	296.19	296.49	296.77	296.91
63.5	282.21	282.50	282.75	282.97	283.09
64.0	269.33	269.58	269.79	269.97	270.07
64.5	257.31	257.51	257.68	257.82	257.90
65.0	245.98	246.14	246.27	246.39	246.44
65.5	235.25	235.38	235.48	235.56	235.60
66.0	225.05	225.15	225.23	225.28	225.30
66.5	215.31	215.39	215.45	215.49	215.51
67.0	205.92	205.99	206.04	206.07	206.08
67.5	196.75	196.80	196.83	196.84	196.84
68.0	187.89	187.92	187.93	187.92	187.91
68.5	179.47	179.49	179.49	179.48	179.47
69.0	171.28	171.29	171.29	171.28	171.26
69.5	163.09	163.09	163.08	163.05	163.03
70.0	155.14	155.12	155.09	155.05	155.02
70.5	147.62	147.58	147.52	147.46	147.42
71.0	140.47	140.40	140.33	140.24	140.19
71.5	133.69	133.61	133.54	133.44	133.39
72.0	127.26	127.18	127.10	127.01	126.96
72.5	121.16	121.09	121.03	120.94	120.89
73.0	115.33	115.27	115.21	115.13	115.09
73.5	109.67	109.61	109.56	109.49	109.44
74.0	104.17	104.12	104.06	103.99	103.95
74.5	98.78	98.72	98.67	98.60	98.55
75.0	93.54	93.48	93.42	93.35	93.31
75.5	88.51	88.45	88.39	88.32	88.28
76.0	83.64	83.58	83.53	83.46	83.42

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CANDELA TABULATION - (Cont.)

76.5	78.91	78.85	78.79	78.72	78.68
77.0	74.31	74.25	74.19	74.12	74.08
77.5	69.81	69.76	69.70	69.64	69.60
78.0	65.42	65.37	65.33	65.27	65.23
78.5	61.16	61.12	61.07	61.02	60.99
79.0	56.98	56.94	56.90	56.85	56.83
79.5	52.84	52.81	52.77	52.72	52.69
80.0	48.74	48.70	48.65	48.60	48.58
80.5	44.61	44.56	44.52	44.46	44.43
81.0	40.49	40.43	40.37	40.31	40.27
81.5	36.38	36.31	36.24	36.17	36.13
82.0	32.24	32.16	32.09	32.01	31.97
82.5	28.01	27.92	27.83	27.74	27.69
83.0	23.83	23.72	23.62	23.52	23.47
83.5	19.77	19.65	19.55	19.45	19.39
84.0	15.92	15.81	15.71	15.61	15.55
84.5	12.40	12.31	12.22	12.14	12.10
85.0	9.23	9.15	9.09	9.03	9.00
85.5	6.38	6.32	6.28	6.23	6.21
86.0	4.09	4.05	4.01	3.98	3.97
86.5	2.64	2.62	2.60	2.58	2.57
87.0	1.79	1.78	1.77	1.76	1.76
87.5	1.45	1.44	1.44	1.43	1.43
88.0	1.39	1.38	1.38	1.37	1.37
88.5	1.33	1.33	1.33	1.33	1.33
89.0	1.33	1.33	1.33	1.33	1.33
89.5	1.32	1.32	1.32	1.33	1.33
90.0	1.34	1.34	1.33	1.33	1.33

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

Zone	Lumens	%Lamp	%Fixt
0-20	8192.15	41.40	41.40
0-30	14557.02	73.50	73.50
0-40	17732.46	89.60	89.60
0-60	19430.12	98.20	98.20
0-80	19777.22	99.90	99.90
0-90	19794.35	100.00	100.00
10-90	17567.2	88.80	88.70
20-40	9540.32	48.20	48.20
20-50	10698.56	54.00	54.00
40-70	1944.76	9.80	9.80
60-80	347.11	1.80	1.80
70-80	100.00	0.50	0.50
80-90	17.13	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	19794.35	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	2227.15
10-20	5965.00
20-30	6364.87
30-40	3175.45
40-50	1158.24
50-60	539.41
60-70	247.11
70-80	100.00
80-90	17.13
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

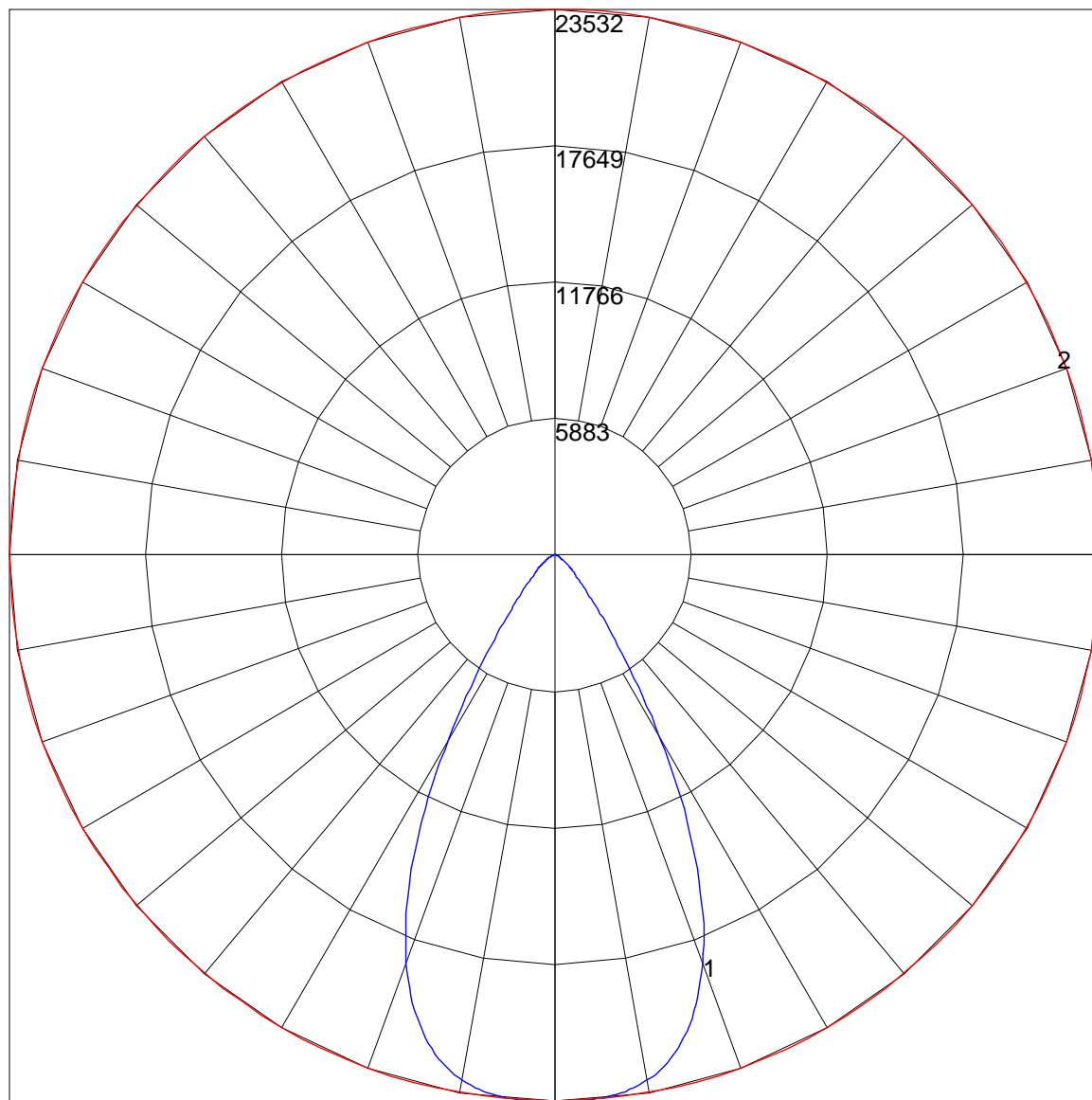
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	72	68	76	72	68	75	71	67	74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51

POLAR GRAPH



Maximum Candela = 23531.97 Located At Horizontal Angle = 0, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)