



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : NUVHTMOWT40WBD120-277V.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE] 2017-03-27

[ISSUEDATE] 2017-03-27 16:19:19

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER]

[MANUFAC] BEGHELLI

[LUMINAIRE] NUVHTMOWT40WBD120-277V

[LAMP] 4000K Ra80

### CHARACTERISTICS

Lumens Per Lamp	19127 (1 lamp)
Total Lamp Lumens	19127
Luminaire Lumens	19127
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	148.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.60
Spacing Criterion (90-270)	1.62
Spacing Criterion (Diagonal)	1.44
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	183720	183380	181991
55	64533	64693	64041
65	19589	19425	19182
75	9165	8915	8791
85	2670	2637	2827

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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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8089.29	8089.25	8089.21	8089.16	8089.10	8089.04	8088.98	8088.91	8088.86	8088.80
1.0	8089.34	8089.29	8089.22	8089.14	8089.05	8088.96	8088.87	8088.77	8088.69	8088.61
1.5	8089.22	8089.17	8089.10	8089.03	8088.95	8088.87	8088.79	8088.71	8088.64	8088.58
2.0	8089.07	8089.03	8088.98	8088.92	8088.87	8088.81	8088.75	8088.70	8088.65	8088.61
2.5	8089.10	8089.06	8089.01	8088.95	8088.88	8088.82	8088.75	8088.69	8088.64	8088.59
3.0	8089.07	8089.03	8088.98	8088.92	8088.86	8088.80	8088.74	8088.68	8088.62	8088.57
3.5	8088.69	8088.68	8088.67	8088.66	8088.65	8088.64	8088.62	8088.61	8088.60	8088.59
4.0	8088.25	8088.28	8088.32	8088.36	8088.40	8088.45	8088.49	8088.54	8088.57	8088.61
4.5	8087.89	8087.95	8088.02	8088.11	8088.19	8088.28	8088.37	8088.46	8088.53	8088.59
5.0	8087.74	8087.82	8087.91	8088.01	8088.12	8088.23	8088.34	8088.44	8088.53	8088.60
5.5	8088.05	8088.09	8088.15	8088.22	8088.29	8088.36	8088.44	8088.50	8088.56	8088.61
6.0	8088.58	8088.60	8088.63	8088.66	8088.69	8088.72	8088.75	8088.78	8088.80	8088.82
6.5	8089.15	8089.18	8089.21	8089.26	8089.30	8089.34	8089.39	8089.43	8089.46	8089.49
7.0	8089.94	8089.99	8090.05	8090.11	8090.18	8090.25	8090.32	8090.37	8090.42	8090.46
7.5	8091.09	8091.14	8091.20	8091.27	8091.34	8091.42	8091.49	8091.55	8091.60	8091.64
8.0	8092.63	8092.69	8092.75	8092.82	8092.89	8092.96	8093.03	8093.10	8093.15	8093.19
8.5	8094.72	8094.77	8094.82	8094.89	8094.96	8095.03	8095.10	8095.16	8095.21	8095.25
9.0	8097.18	8097.23	8097.30	8097.37	8097.45	8097.53	8097.61	8097.68	8097.74	8097.78
9.5	8099.88	8099.97	8100.08	8100.20	8100.33	8100.45	8100.58	8100.69	8100.79	8100.87
10.0	8102.94	8103.06	8103.20	8103.37	8103.54	8103.71	8103.88	8104.03	8104.16	8104.27
10.5	8106.46	8106.57	8106.70	8106.84	8106.99	8107.14	8107.28	8107.41	8107.52	8107.61
11.0	8110.39	8110.48	8110.59	8110.70	8110.82	8110.94	8111.06	8111.16	8111.25	8111.31
11.5	8114.68	8114.78	8114.90	8115.04	8115.18	8115.32	8115.46	8115.58	8115.69	8115.76
12.0	8119.41	8119.52	8119.66	8119.81	8119.97	8120.14	8120.30	8120.44	8120.57	8120.66
12.5	8124.65	8124.75	8124.87	8125.00	8125.14	8125.29	8125.43	8125.56	8125.67	8125.77
13.0	8130.41	8130.48	8130.57	8130.67	8130.78	8130.89	8131.00	8131.09	8131.18	8131.25
13.5	8136.70	8136.74	8136.79	8136.85	8136.91	8136.97	8137.02	8137.07	8137.10	8137.13
14.0	8143.56	8143.58	8143.61	8143.64	8143.66	8143.68	8143.69	8143.70	8143.69	8143.67
14.5	8151.06	8151.10	8151.15	8151.21	8151.25	8151.30	8151.33	8151.35	8151.36	8151.34
15.0	8159.15	8159.22	8159.30	8159.37	8159.45	8159.51	8159.57	8159.60	8159.62	8159.61
15.5	8167.89	8167.95	8168.00	8168.06	8168.10	8168.14	8168.15	8168.15	8168.12	8168.06
16.0	8177.07	8177.11	8177.13	8177.14	8177.14	8177.11	8177.07	8177.00	8176.91	8176.78
16.5	8186.48	8186.47	8186.44	8186.38	8186.31	8186.21	8186.09	8185.94	8185.77	8185.58
17.0	8196.30	8196.25	8196.17	8196.06	8195.92	8195.76	8195.57	8195.37	8195.14	8194.89
17.5	8206.62	8206.57	8206.49	8206.38	8206.25	8206.08	8205.89	8205.68	8205.46	8205.21
18.0	8217.54	8217.50	8217.42	8217.32	8217.19	8217.03	8216.84	8216.64	8216.41	8216.17
18.5	8229.27	8229.20	8229.10	8228.95	8228.78	8228.57	8228.34	8228.09	8227.82	8227.53
19.0	8241.53	8241.44	8241.30	8241.12	8240.90	8240.65	8240.37	8240.07	8239.75	8239.42
19.5	8254.01	8253.92	8253.78	8253.59	8253.37	8253.11	8252.82	8252.50	8252.16	8251.81
20.0	8267.00	8266.92	8266.80	8266.63	8266.42	8266.18	8265.90	8265.60	8265.27	8264.93
20.5	8280.62	8280.58	8280.49	8280.37	8280.21	8280.03	8279.81	8279.56	8279.29	8278.99
21.0	8295.06	8295.05	8295.01	8294.94	8294.85	8294.73	8294.59	8294.42	8294.22	8293.99
21.5	8310.53	8310.52	8310.50	8310.46	8310.41	8310.33	8310.25	8310.15	8310.03	8309.89
22.0	8327.09	8327.10	8327.10	8327.11	8327.10	8327.10	8327.08	8327.06	8327.03	8327.00
22.5	8344.82	8344.90	8345.01	8345.13	8345.25	8345.38	8345.50	8345.62	8345.71	8345.79
23.0	8363.90	8364.05	8364.24	8364.45	8364.68	8364.91	8365.14	8365.35	8365.54	8365.70
23.5	8384.70	8384.81	8384.95	8385.11	8385.28	8385.46	8385.64	8385.81	8385.96	8386.10
24.0	8406.80	8406.85	8406.93	8407.01	8407.11	8407.22	8407.33	8407.45	8407.56	8407.67
24.5	8429.82	8429.88	8429.98	8430.09	8430.22	8430.37	8430.53	8430.69	8430.86	8431.02
25.0	8454.02	8454.11	8454.23	8454.39	8454.57	8454.78	8455.00	8455.23	8455.47	8455.70
25.5	8479.31	8479.40	8479.54	8479.71	8479.92	8480.15	8480.40	8480.67	8480.94	8481.23
26.0	8506.33	8506.42	8506.55	8506.72	8506.92	8507.15	8507.40	8507.67	8507.95	8508.23
26.5	8536.01	8536.09	8536.21	8536.34	8536.50	8536.68	8536.87	8537.06	8537.26	8537.45

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27.0	8567.39	8567.44	8567.51	8567.58	8567.67	8567.76	8567.85	8567.93	8568.01	8568.08
27.5	8599.65	8599.63	8599.61	8599.59	8599.56	8599.52	8599.49	8599.45	8599.42	8599.38
28.0	8633.18	8633.09	8632.97	8632.83	8632.68	8632.52	8632.36	8632.20	8632.06	8631.94
28.5	8668.24	8668.09	8667.91	8667.71	8667.49	8667.28	8667.07	8666.88	8666.72	8666.60
29.0	8704.49	8704.24	8703.94	8703.62	8703.27	8702.92	8702.59	8702.29	8702.04	8701.85
29.5	8742.14	8741.66	8741.06	8740.38	8739.65	8738.89	8738.14	8737.44	8736.80	8736.26
30.0	8779.79	8779.07	8778.17	8777.12	8775.98	8774.78	8773.59	8772.43	8771.36	8770.42
30.5	8816.24	8815.42	8814.37	8813.15	8811.81	8810.38	8808.94	8807.53	8806.19	8804.98
31.0	8851.14	8850.25	8849.09	8847.72	8846.20	8844.59	8842.93	8841.29	8839.72	8838.27
31.5	8884.12	8883.08	8881.73	8880.14	8878.37	8876.48	8874.54	8872.61	8870.76	8869.04
32.0	8914.08	8912.89	8911.34	8909.51	8907.46	8905.28	8903.04	8900.80	8898.64	8896.64
32.5	8940.54	8939.21	8937.48	8935.41	8933.10	8930.61	8928.04	8925.47	8922.97	8920.63
33.0	8961.25	8959.81	8957.91	8955.64	8953.09	8950.35	8947.50	8944.62	8941.82	8939.17
33.5	8973.88	8972.36	8970.36	8967.97	8965.28	8962.39	8959.38	8956.35	8953.39	8950.59
34.0	8978.22	8976.63	8974.54	8972.05	8969.25	8966.24	8963.11	8959.97	8956.90	8954.00
34.5	8973.47	8971.81	8969.62	8967.01	8964.09	8960.95	8957.69	8954.41	8951.23	8948.23
35.0	8959.04	8957.26	8954.94	8952.17	8949.08	8945.76	8942.33	8938.89	8935.55	8932.43
35.5	8934.51	8932.55	8930.00	8926.98	8923.61	8920.02	8916.31	8912.62	8909.06	8905.76
36.0	8898.51	8896.33	8893.49	8890.16	8886.45	8882.51	8878.46	8874.45	8870.61	8867.08
36.5	8850.05	8847.55	8844.33	8840.55	8836.37	8831.94	8827.41	8822.94	8818.69	8814.80
37.0	8787.61	8784.88	8781.37	8777.26	8772.72	8767.91	8763.01	8758.18	8753.59	8749.42
37.5	8708.71	8706.07	8702.68	8698.68	8694.25	8689.55	8684.74	8679.98	8675.44	8671.29
38.0	8615.32	8612.83	8609.60	8605.78	8601.53	8597.01	8592.36	8587.74	8583.30	8579.20
38.5	8509.37	8506.80	8503.47	8499.53	8495.15	8490.47	8485.67	8480.89	8476.30	8472.04
39.0	8388.53	8385.87	8382.43	8378.36	8373.82	8368.99	8364.02	8359.08	8354.32	8349.93
39.5	8250.82	8248.18	8244.75	8240.70	8236.17	8231.35	8226.39	8221.44	8216.69	8212.28
40.0	8097.17	8094.65	8091.36	8087.47	8083.12	8078.48	8073.69	8068.92	8064.32	8060.04
40.5	7926.92	7924.70	7921.81	7918.37	7914.52	7910.39	7906.13	7901.86	7897.73	7893.86
41.0	7742.81	7740.92	7738.44	7735.47	7732.14	7728.56	7724.84	7721.10	7717.45	7714.01
41.5	7548.03	7546.29	7543.98	7541.20	7538.07	7534.69	7531.16	7527.59	7524.09	7520.76
42.0	7340.60	7338.98	7336.81	7334.20	7331.24	7328.03	7324.67	7321.25	7317.88	7314.65
42.5	7118.29	7116.89	7115.02	7112.75	7110.17	7107.35	7104.39	7101.37	7098.36	7095.45
43.0	6884.98	6883.84	6882.28	6880.39	6878.22	6875.85	6873.34	6870.76	6868.19	6865.68
43.5	6643.67	6642.69	6641.36	6639.73	6637.86	6635.82	6633.66	6631.43	6629.20	6627.03
44.0	6394.89	6394.12	6393.08	6391.80	6390.33	6388.71	6386.99	6385.21	6383.43	6381.67
44.5	6138.86	6138.57	6138.13	6137.56	6136.87	6136.09	6135.22	6134.28	6133.29	6132.26
45.0	5879.48	5879.64	5879.77	5879.86	5879.91	5879.89	5879.81	5879.63	5879.36	5878.98
45.5	5621.50	5621.81	5622.12	5622.42	5622.67	5622.86	5622.97	5622.96	5622.82	5622.53
46.0	5362.58	5362.94	5363.31	5363.67	5363.98	5364.22	5364.37	5364.40	5364.27	5363.98
46.5	5100.43	5100.85	5101.31	5101.78	5102.25	5102.67	5103.03	5103.29	5103.43	5103.41
47.0	4839.69	4840.15	4840.70	4841.31	4841.94	4842.57	4843.17	4843.70	4844.14	4844.45
47.5	4583.87	4584.48	4585.23	4586.08	4587.01	4587.96	4588.90	4589.79	4590.60	4591.28
48.0	4333.97	4334.64	4335.47	4336.42	4337.45	4338.52	4339.58	4340.60	4341.52	4342.31
48.5	4093.66	4093.99	4094.36	4094.73	4095.09	4095.42	4095.69	4095.89	4095.98	4095.94
49.0	3858.37	3858.50	3858.56	3858.56	3858.47	3858.28	3857.99	3857.58	3857.04	3856.36
49.5	3622.10	3622.82	3623.64	3624.51	3625.38	3626.21	3626.94	3627.53	3627.92	3628.07
50.0	3392.78	3394.20	3395.90	3397.82	3399.84	3401.89	3403.87	3405.69	3407.26	3408.49
50.5	3177.52	3179.19	3181.23	3183.54	3186.00	3188.51	3190.96	3193.25	3195.25	3196.88
51.0	2972.81	2974.45	2976.46	2978.74	2981.19	2983.69	2986.14	2988.43	2990.47	2992.14
51.5	2777.60	2778.73	2780.13	2781.72	2783.44	2785.21	2786.95	2788.60	2790.08	2791.32
52.0	2591.67	2592.25	2592.98	2593.83	2594.75	2595.72	2596.68	2597.62	2598.48	2599.24
52.5	2413.89	2414.35	2414.95	2415.65	2416.42	2417.23	2418.06	2418.88	2419.65	2420.35
53.0	2245.92	2246.41	2247.04	2247.77	2248.59	2249.45	2250.33	2251.20	2252.02	2252.78
53.5	2089.77	2090.25	2090.87	2091.59	2092.38	2093.22	2094.07	2094.90	2095.68	2096.39
54.0	1943.32	1943.86	1944.53	1945.32	1946.17	1947.07	1947.97	1948.84	1949.65	1950.36
54.5	1805.21	1805.98	1806.94	1808.05	1809.25	1810.50	1811.75	1812.95	1814.04	1815.00

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55.0	1675.22	1676.14	1677.27	1678.58	1680.00	1681.47	1682.94	1684.35	1685.64	1686.76
55.5	1552.12	1552.75	1553.54	1554.46	1555.46	1556.52	1557.59	1558.62	1559.59	1560.45
56.0	1437.67	1437.90	1438.20	1438.56	1438.98	1439.44	1439.92	1440.41	1440.90	1441.37
56.5	1334.97	1334.84	1334.71	1334.57	1334.45	1334.35	1334.29	1334.26	1334.28	1334.36
57.0	1238.78	1238.46	1238.07	1237.66	1237.23	1236.81	1236.42	1236.08	1235.81	1235.64
57.5	1143.12	1143.05	1142.97	1142.90	1142.84	1142.79	1142.76	1142.75	1142.77	1142.83
58.0	1053.33	1053.57	1053.88	1054.24	1054.63	1055.04	1055.46	1055.87	1056.25	1056.60
58.5	973.88	974.12	974.42	974.76	975.14	975.54	975.94	976.33	976.70	977.02
59.0	901.48	901.63	901.82	902.04	902.29	902.55	902.82	903.08	903.32	903.54
59.5	834.22	834.34	834.48	834.64	834.82	835.00	835.18	835.36	835.52	835.66
60.0	772.36	772.44	772.55	772.67	772.79	772.91	773.02	773.13	773.21	773.28
60.5	715.65	715.73	715.83	715.94	716.04	716.14	716.23	716.30	716.34	716.36
61.0	663.61	663.70	663.81	663.91	664.02	664.11	664.19	664.24	664.26	664.25
61.5	615.81	615.91	616.02	616.13	616.24	616.33	616.40	616.45	616.47	616.44
62.0	571.88	571.97	572.07	572.18	572.27	572.36	572.42	572.46	572.47	572.44
62.5	531.26	531.33	531.39	531.45	531.50	531.54	531.56	531.56	531.53	531.48
63.0	493.99	494.02	494.04	494.05	494.05	494.03	494.01	493.96	493.90	493.82
63.5	460.01	460.03	460.05	460.05	460.04	460.01	459.97	459.91	459.83	459.72
64.0	428.97	428.98	428.97	428.94	428.90	428.83	428.75	428.65	428.53	428.38
64.5	400.86	400.75	400.60	400.42	400.21	399.98	399.73	399.47	399.21	398.95
65.0	374.67	374.48	374.23	373.94	373.60	373.25	372.88	372.50	372.14	371.80
65.5	349.07	348.97	348.83	348.66	348.45	348.22	347.97	347.71	347.44	347.17
66.0	325.09	325.12	325.14	325.14	325.12	325.08	325.02	324.93	324.81	324.66
66.5	303.52	303.64	303.77	303.90	304.02	304.13	304.20	304.25	304.24	304.19
67.0	283.71	283.88	284.07	284.27	284.46	284.64	284.80	284.91	284.97	284.98
67.5	265.30	265.41	265.53	265.65	265.76	265.84	265.91	265.94	265.92	265.86
68.0	248.24	248.28	248.30	248.31	248.30	248.27	248.21	248.13	248.01	247.86
68.5	232.38	232.40	232.40	232.38	232.34	232.28	232.19	232.08	231.93	231.76
69.0	217.67	217.70	217.71	217.70	217.67	217.62	217.55	217.44	217.31	217.14
69.5	204.03	204.10	204.16	204.21	204.25	204.27	204.26	204.22	204.15	204.03
70.0	191.42	191.53	191.64	191.74	191.84	191.92	191.97	191.99	191.97	191.90
70.5	179.79	179.88	179.96	180.04	180.11	180.16	180.19	180.19	180.15	180.07
71.0	169.18	169.22	169.26	169.28	169.29	169.29	169.26	169.21	169.13	169.02
71.5	159.79	159.78	159.75	159.71	159.65	159.57	159.47	159.36	159.22	159.07
72.0	151.06	151.02	150.95	150.86	150.75	150.62	150.47	150.32	150.14	149.96
72.5	142.33	142.32	142.29	142.24	142.17	142.09	141.99	141.87	141.74	141.59
73.0	134.12	134.15	134.16	134.16	134.15	134.12	134.07	134.00	133.91	133.80
73.5	126.88	126.89	126.89	126.87	126.84	126.79	126.72	126.63	126.53	126.39
74.0	120.15	120.14	120.11	120.06	120.00	119.92	119.82	119.70	119.57	119.41
74.5	113.61	113.59	113.56	113.51	113.44	113.35	113.25	113.12	112.98	112.82
75.0	107.36	107.35	107.32	107.27	107.20	107.11	107.00	106.88	106.74	106.58
75.5	101.40	101.39	101.37	101.32	101.25	101.17	101.07	100.95	100.81	100.66
76.0	95.70	95.69	95.66	95.62	95.56	95.48	95.38	95.27	95.13	94.98
76.5	90.23	90.22	90.19	90.14	90.07	89.99	89.88	89.76	89.62	89.46
77.0	84.91	84.89	84.86	84.80	84.73	84.64	84.53	84.40	84.26	84.10
77.5	79.60	79.58	79.55	79.50	79.44	79.36	79.26	79.15	79.02	78.87
78.0	74.40	74.39	74.36	74.33	74.27	74.20	74.12	74.02	73.91	73.78
78.5	69.40	69.39	69.38	69.35	69.30	69.24	69.17	69.08	68.98	68.86
79.0	64.52	64.52	64.50	64.48	64.44	64.38	64.32	64.24	64.14	64.04
79.5	59.70	59.70	59.69	59.67	59.63	59.59	59.52	59.45	59.36	59.26
80.0	54.92	54.92	54.90	54.88	54.84	54.79	54.73	54.65	54.57	54.46
80.5	50.12	50.10	50.08	50.04	49.98	49.92	49.84	49.75	49.65	49.54
81.0	45.27	45.25	45.21	45.16	45.09	45.02	44.93	44.83	44.73	44.61
81.5	40.31	40.29	40.26	40.22	40.16	40.10	40.03	39.94	39.85	39.76
82.0	35.36	35.35	35.33	35.30	35.27	35.22	35.17	35.11	35.05	34.97
82.5	30.46	30.46	30.45	30.43	30.42	30.39	30.36	30.32	30.28	30.24

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**CANDELA TABULATION - (Cont.)**

83.0	25.79	25.79	25.79	25.79	25.79	25.78	25.77	25.75	25.73	25.70
83.5	21.61	21.62	21.62	21.62	21.62	21.61	21.61	21.60	21.59	21.58
84.0	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.72	17.71
84.5	14.01	14.01	14.02	14.02	14.03	14.03	14.03	14.03	14.03	14.03
85.0	10.53	10.54	10.54	10.55	10.55	10.56	10.56	10.56	10.56	10.56
85.5	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15
86.0	4.38	4.38	4.37	4.37	4.36	4.36	4.35	4.35	4.35	4.35
86.5	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.83
87.0	2.01	2.01	2.02	2.02	2.02	2.03	2.03	2.04	2.05	2.05
87.5	1.75	1.75	1.75	1.75	1.76	1.76	1.76	1.77	1.77	1.77
88.0	1.79	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
88.5	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76
89.0	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
89.5	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.82
90.0	1.91	1.91	1.91	1.91	1.90	1.90	1.90	1.90	1.89	1.89

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

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8088.80	8088.81	8088.82	8088.84	8088.86	8088.88	8088.90	8088.92	8088.94	8088.91
1.0	8088.62	8088.64	8088.67	8088.70	8088.74	8088.78	8088.81	8088.85	8088.88	8088.83
1.5	8088.62	8088.66	8088.71	8088.77	8088.82	8088.88	8088.93	8088.98	8089.01	8088.94
2.0	8088.67	8088.73	8088.79	8088.86	8088.93	8089.00	8089.06	8089.11	8089.14	8089.05
2.5	8088.64	8088.69	8088.75	8088.82	8088.88	8088.94	8088.99	8089.04	8089.06	8088.96
3.0	8088.61	8088.64	8088.69	8088.73	8088.77	8088.81	8088.85	8088.87	8088.88	8088.78
3.5	8088.60	8088.62	8088.63	8088.64	8088.65	8088.65	8088.65	8088.64	8088.62	8088.52
4.0	8088.60	8088.59	8088.57	8088.54	8088.51	8088.47	8088.42	8088.37	8088.32	8088.24
4.5	8088.56	8088.52	8088.46	8088.39	8088.32	8088.23	8088.15	8088.06	8087.97	8087.89
5.0	8088.56	8088.49	8088.41	8088.32	8088.22	8088.12	8088.01	8087.90	8087.79	8087.72
5.5	8088.58	8088.54	8088.49	8088.43	8088.37	8088.30	8088.23	8088.16	8088.09	8088.04
6.0	8088.81	8088.79	8088.77	8088.74	8088.71	8088.69	8088.66	8088.63	8088.60	8088.58
6.5	8089.45	8089.41	8089.36	8089.31	8089.25	8089.20	8089.14	8089.09	8089.04	8089.03
7.0	8090.40	8090.33	8090.25	8090.16	8090.07	8089.98	8089.89	8089.80	8089.73	8089.71
7.5	8091.58	8091.50	8091.41	8091.31	8091.21	8091.12	8091.02	8090.93	8090.85	8090.85
8.0	8093.13	8093.05	8092.96	8092.87	8092.77	8092.68	8092.58	8092.49	8092.41	8092.40
8.5	8095.20	8095.14	8095.07	8094.98	8094.90	8094.80	8094.71	8094.61	8094.52	8094.44
9.0	8097.74	8097.68	8097.61	8097.53	8097.43	8097.33	8097.22	8097.11	8096.99	8096.85
9.5	8100.80	8100.70	8100.58	8100.44	8100.29	8100.13	8099.97	8099.80	8099.63	8099.48
10.0	8104.16	8104.02	8103.85	8103.66	8103.46	8103.25	8103.03	8102.82	8102.61	8102.47
10.5	8107.50	8107.36	8107.20	8107.03	8106.84	8106.64	8106.44	8106.24	8106.05	8105.93
11.0	8111.21	8111.08	8110.94	8110.78	8110.61	8110.44	8110.26	8110.09	8109.93	8109.82
11.5	8115.65	8115.50	8115.34	8115.16	8114.97	8114.78	8114.59	8114.40	8114.23	8114.15
12.0	8120.54	8120.38	8120.20	8120.01	8119.81	8119.60	8119.40	8119.22	8119.04	8118.99
12.5	8125.67	8125.55	8125.40	8125.25	8125.09	8124.94	8124.78	8124.64	8124.51	8124.48
13.0	8131.18	8131.09	8130.99	8130.88	8130.76	8130.65	8130.55	8130.45	8130.37	8130.37
13.5	8137.04	8136.94	8136.83	8136.72	8136.61	8136.51	8136.42	8136.34	8136.28	8136.29
14.0	8143.55	8143.41	8143.27	8143.14	8143.01	8142.89	8142.78	8142.70	8142.64	8142.67
14.5	8151.18	8150.99	8150.80	8150.60	8150.42	8150.24	8150.09	8149.96	8149.86	8149.91
15.0	8159.39	8159.15	8158.89	8158.63	8158.37	8158.13	8157.92	8157.73	8157.58	8157.64
15.5	8167.78	8167.48	8167.16	8166.84	8166.52	8166.22	8165.94	8165.71	8165.51	8165.53
16.0	8176.45	8176.10	8175.73	8175.37	8175.01	8174.67	8174.36	8174.09	8173.87	8173.87
16.5	8185.23	8184.86	8184.49	8184.13	8183.78	8183.46	8183.18	8182.95	8182.78	8182.86
17.0	8194.53	8194.16	8193.79	8193.45	8193.12	8192.84	8192.60	8192.42	8192.30	8192.47
17.5	8204.84	8204.47	8204.10	8203.75	8203.43	8203.14	8202.90	8202.72	8202.61	8202.78
18.0	8215.80	8215.42	8215.04	8214.69	8214.36	8214.06	8213.81	8213.62	8213.49	8213.66

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**CANDELA TABULATION - (Cont.)**

18.5	8227.14	8226.75	8226.37	8226.00	8225.66	8225.37	8225.12	8224.93	8224.81	8224.96
19.0	8239.01	8238.59	8238.19	8237.81	8237.46	8237.16	8236.90	8236.71	8236.60	8236.75
19.5	8251.35	8250.90	8250.46	8250.04	8249.65	8249.32	8249.04	8248.83	8248.71	8248.89
20.0	8264.44	8263.95	8263.47	8263.02	8262.60	8262.24	8261.94	8261.71	8261.58	8261.82
20.5	8278.49	8277.99	8277.50	8277.02	8276.59	8276.21	8275.90	8275.67	8275.54	8275.83
21.0	8293.53	8293.06	8292.59	8292.15	8291.74	8291.39	8291.10	8290.90	8290.80	8291.13
21.5	8309.58	8309.25	8308.94	8308.65	8308.39	8308.18	8308.03	8307.95	8307.95	8308.28
22.0	8326.81	8326.63	8326.46	8326.31	8326.19	8326.10	8326.07	8326.09	8326.19	8326.52
22.5	8345.59	8345.38	8345.16	8344.96	8344.78	8344.65	8344.56	8344.54	8344.60	8344.99
23.0	8365.47	8365.21	8364.95	8364.69	8364.45	8364.25	8364.11	8364.03	8364.05	8364.50
23.5	8385.94	8385.77	8385.59	8385.43	8385.29	8385.18	8385.13	8385.14	8385.22	8385.62
24.0	8407.60	8407.54	8407.48	8407.44	8407.43	8407.45	8407.51	8407.63	8407.81	8408.18
24.5	8431.02	8431.03	8431.04	8431.08	8431.14	8431.24	8431.38	8431.58	8431.83	8432.33
25.0	8455.76	8455.82	8455.89	8455.98	8456.10	8456.26	8456.47	8456.72	8457.04	8457.69
25.5	8481.35	8481.48	8481.62	8481.78	8481.97	8482.20	8482.47	8482.80	8483.18	8483.86
26.0	8508.36	8508.50	8508.66	8508.84	8509.04	8509.29	8509.59	8509.93	8510.33	8511.02
26.5	8537.43	8537.41	8537.40	8537.42	8537.48	8537.58	8537.75	8537.98	8538.29	8539.00
27.0	8567.90	8567.73	8567.57	8567.44	8567.35	8567.32	8567.35	8567.48	8567.70	8568.42
27.5	8599.20	8599.03	8598.88	8598.77	8598.71	8598.71	8598.78	8598.93	8599.17	8599.85
28.0	8631.83	8631.75	8631.70	8631.71	8631.76	8631.87	8632.04	8632.28	8632.60	8633.20
28.5	8666.66	8666.78	8666.94	8667.14	8667.39	8667.68	8668.02	8668.39	8668.80	8669.21
29.0	8702.06	8702.35	8702.70	8703.10	8703.55	8704.03	8704.54	8705.07	8705.61	8705.91
29.5	8736.45	8736.75	8737.16	8737.65	8738.23	8738.86	8739.54	8740.26	8741.00	8741.49
30.0	8770.48	8770.69	8771.05	8771.54	8772.14	8772.84	8773.62	8774.46	8775.35	8776.07
30.5	8804.81	8804.81	8804.96	8805.25	8805.68	8806.22	8806.87	8807.61	8808.43	8809.18
31.0	8837.87	8837.63	8837.55	8837.63	8837.86	8838.21	8838.70	8839.29	8840.00	8840.71
31.5	8868.54	8868.22	8868.09	8868.12	8868.32	8868.66	8869.14	8869.74	8870.46	8871.08
32.0	8896.03	8895.63	8895.43	8895.41	8895.58	8895.90	8896.38	8896.98	8897.71	8898.25
32.5	8919.73	8919.07	8918.61	8918.37	8918.32	8918.46	8918.78	8919.26	8919.90	8920.41
33.0	8938.00	8937.07	8936.37	8935.89	8935.64	8935.61	8935.79	8936.17	8936.75	8937.32
33.5	8949.30	8948.27	8947.48	8946.94	8946.65	8946.61	8946.80	8947.24	8947.92	8948.68
34.0	8952.66	8951.59	8950.79	8950.26	8950.00	8950.01	8950.30	8950.86	8951.70	8952.72
34.5	8946.83	8945.73	8944.92	8944.42	8944.21	8944.30	8944.70	8945.40	8946.42	8947.76
35.0	8931.05	8929.99	8929.26	8928.85	8928.76	8929.00	8929.58	8930.47	8931.70	8933.30
35.5	8904.54	8903.68	8903.18	8903.03	8903.23	8903.75	8904.61	8905.78	8907.26	8908.80
36.0	8866.05	8865.43	8865.22	8865.39	8865.91	8866.78	8867.96	8869.45	8871.21	8872.67
36.5	8813.94	8813.57	8813.66	8814.18	8815.08	8816.35	8817.95	8819.84	8822.00	8823.63
37.0	8748.62	8748.37	8748.61	8749.32	8750.45	8751.97	8753.82	8755.98	8758.39	8760.23
37.5	8670.25	8669.73	8669.68	8670.09	8670.92	8672.14	8673.73	8675.64	8677.85	8679.77
38.0	8577.90	8577.06	8576.68	8576.72	8577.18	8578.02	8579.24	8580.81	8582.71	8584.64
38.5	8470.71	8469.86	8469.45	8469.48	8469.91	8470.72	8471.90	8473.40	8475.22	8477.00
39.0	8348.63	8347.82	8347.46	8347.53	8348.00	8348.83	8350.00	8351.47	8353.22	8354.82
39.5	8210.96	8210.12	8209.72	8209.74	8210.14	8210.89	8211.97	8213.33	8214.96	8216.49
40.0	8058.70	8057.82	8057.35	8057.27	8057.54	8058.14	8059.04	8060.20	8061.59	8062.94
40.5	7892.58	7891.67	7891.11	7890.86	7890.91	7891.21	7891.76	7892.50	7893.43	7894.22
41.0	7712.76	7711.82	7711.14	7710.71	7710.49	7710.47	7710.61	7710.90	7711.30	7711.44
41.5	7519.46	7518.42	7517.59	7516.97	7516.52	7516.21	7516.03	7515.93	7515.91	7515.47
42.0	7313.30	7312.17	7311.22	7310.43	7309.78	7309.23	7308.76	7308.35	7307.97	7307.08
42.5	7094.14	7092.99	7091.98	7091.08	7090.29	7089.56	7088.89	7088.24	7087.61	7086.57
43.0	6864.47	6863.37	6862.37	6861.45	6860.58	6859.76	6858.95	6858.15	6857.33	6856.21
43.5	6626.04	6625.15	6624.31	6623.53	6622.77	6622.00	6621.22	6620.39	6619.49	6618.15
44.0	6380.91	6380.20	6379.52	6378.84	6378.15	6377.42	6376.62	6375.73	6374.72	6373.11
44.5	6131.62	6130.94	6130.21	6129.42	6128.55	6127.58	6126.50	6125.30	6123.96	6122.05
45.0	5878.35	5877.60	5876.72	5875.71	5874.56	5873.28	5871.86	5870.30	5868.59	5866.47
45.5	5621.65	5620.61	5619.41	5618.05	5616.55	5614.92	5613.16	5611.28	5609.30	5607.24
46.0	5362.94	5361.73	5360.33	5358.79	5357.10	5355.28	5353.35	5351.32	5349.20	5347.24

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**CANDELA TABULATION - (Cont.)**

46.5	5102.76	5101.94	5100.95	5099.79	5098.47	5097.01	5095.39	5093.63	5091.74	5089.71
47.0	4844.28	4843.96	4843.47	4842.80	4841.96	4840.93	4839.71	4838.29	4836.67	4834.50
47.5	4591.45	4591.44	4591.24	4590.84	4590.23	4589.40	4588.33	4587.02	4585.44	4582.98
48.0	4342.52	4342.54	4342.36	4341.98	4341.37	4340.52	4339.43	4338.09	4336.48	4333.90
48.5	4095.46	4094.83	4094.06	4093.13	4092.06	4090.84	4089.47	4087.95	4086.29	4084.21
49.0	3855.13	3853.76	3852.29	3850.71	3849.06	3847.34	3845.58	3843.80	3842.01	3840.60
49.5	3626.68	3625.04	3623.21	3621.22	3619.13	3616.98	3614.82	3612.68	3610.63	3609.86
50.0	3407.16	3405.46	3403.46	3401.24	3398.85	3396.38	3393.88	3391.43	3389.10	3388.69
50.5	3195.64	3193.98	3191.97	3189.69	3187.20	3184.57	3181.88	3179.20	3176.60	3175.68
51.0	2991.15	2989.75	2987.99	2985.95	2983.67	2981.23	2978.66	2976.05	2973.44	2971.89
51.5	2790.91	2790.22	2789.28	2788.11	2786.74	2785.20	2783.52	2781.73	2779.85	2778.21
52.0	2599.39	2599.40	2599.26	2598.97	2598.53	2597.94	2597.20	2596.29	2595.23	2593.70
52.5	2420.66	2420.86	2420.95	2420.92	2420.75	2420.46	2420.01	2419.42	2418.67	2417.41
53.0	2253.07	2253.26	2253.34	2253.30	2253.15	2252.88	2252.49	2251.97	2251.33	2250.37
53.5	2096.59	2096.68	2096.67	2096.55	2096.32	2095.99	2095.55	2095.01	2094.36	2093.53
54.0	1950.41	1950.33	1950.13	1949.83	1949.42	1948.93	1948.34	1947.68	1946.94	1946.20
54.5	1814.81	1814.45	1813.93	1813.29	1812.54	1811.70	1810.81	1809.87	1808.91	1808.40
55.0	1686.46	1685.96	1685.29	1684.47	1683.55	1682.54	1681.49	1680.42	1679.36	1678.99
55.5	1560.47	1560.36	1560.13	1559.78	1559.34	1558.82	1558.23	1557.58	1556.88	1556.34
56.0	1441.80	1442.18	1442.51	1442.78	1442.97	1443.07	1443.08	1442.97	1442.74	1441.98
56.5	1335.02	1335.72	1336.43	1337.11	1337.75	1338.31	1338.76	1339.07	1339.22	1338.35
57.0	1236.36	1237.16	1238.01	1238.86	1239.68	1240.44	1241.09	1241.61	1241.95	1241.10
57.5	1143.22	1143.64	1144.06	1144.46	1144.83	1145.15	1145.41	1145.57	1145.63	1145.08
58.0	1056.63	1056.62	1056.56	1056.45	1056.30	1056.11	1055.89	1055.64	1055.36	1055.09
58.5	977.04	977.01	976.93	976.81	976.65	976.44	976.21	975.94	975.64	975.35
59.0	903.62	903.65	903.66	903.62	903.55	903.44	903.29	903.10	902.87	902.51
59.5	835.67	835.65	835.61	835.53	835.43	835.30	835.14	834.95	834.74	834.47
60.0	773.20	773.10	772.98	772.83	772.67	772.49	772.29	772.09	771.87	771.69
60.5	716.20	716.02	715.80	715.57	715.31	715.05	714.78	714.50	714.23	714.05
61.0	664.03	663.77	663.47	663.16	662.83	662.48	662.14	661.79	661.45	661.23
61.5	616.20	615.91	615.59	615.24	614.88	614.49	614.10	613.71	613.33	613.06
62.0	572.20	571.92	571.60	571.26	570.89	570.51	570.12	569.72	569.32	569.00
62.5	531.28	531.05	530.79	530.51	530.21	529.90	529.58	529.25	528.91	528.63
63.0	493.65	493.47	493.27	493.05	492.82	492.57	492.32	492.06	491.79	491.55
63.5	459.54	459.33	459.10	458.86	458.59	458.32	458.03	457.73	457.43	457.12
64.0	428.19	427.97	427.73	427.48	427.20	426.91	426.61	426.29	425.95	425.57
64.5	398.85	398.75	398.66	398.55	398.44	398.31	398.16	397.98	397.77	397.32
65.0	371.77	371.76	371.77	371.78	371.78	371.77	371.73	371.66	371.54	371.08
65.5	347.03	346.90	346.76	346.61	346.45	346.28	346.10	345.89	345.66	345.26
66.0	324.38	324.06	323.72	323.37	322.99	322.61	322.22	321.83	321.44	321.11
66.5	303.83	303.42	302.97	302.48	301.98	301.47	300.96	300.46	299.97	299.71
67.0	284.58	284.13	283.62	283.08	282.52	281.95	281.38	280.82	280.30	280.06
67.5	265.51	265.11	264.67	264.20	263.71	263.20	262.70	262.20	261.72	261.42
68.0	247.57	247.24	246.88	246.51	246.11	245.70	245.29	244.87	244.45	244.08
68.5	231.47	231.15	230.81	230.45	230.07	229.68	229.28	228.88	228.48	228.10
69.0	216.84	216.51	216.15	215.77	215.38	214.97	214.56	214.15	213.75	213.40
69.5	203.70	203.33	202.92	202.50	202.06	201.61	201.15	200.71	200.27	199.98
70.0	191.55	191.16	190.73	190.27	189.79	189.31	188.83	188.36	187.90	187.65
70.5	179.76	179.42	179.04	178.63	178.21	177.77	177.34	176.91	176.49	176.21
71.0	168.77	168.49	168.19	167.86	167.52	167.17	166.80	166.44	166.07	165.76
71.5	158.89	158.68	158.46	158.23	157.98	157.72	157.44	157.16	156.86	156.51
72.0	149.82	149.67	149.50	149.33	149.14	148.94	148.73	148.50	148.25	147.90
72.5	141.41	141.22	141.01	140.79	140.56	140.32	140.07	139.81	139.53	139.23
73.0	133.58	133.33	133.07	132.79	132.50	132.20	131.90	131.59	131.29	131.03
73.5	126.18	125.94	125.68	125.41	125.13	124.85	124.56	124.27	123.99	123.74
74.0	119.20	118.98	118.75	118.50	118.25	117.99	117.73	117.47	117.21	116.97

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**CANDELA TABULATION - (Cont.)**

74.5	112.62	112.40	112.16	111.92	111.67	111.42	111.17	110.92	110.67	110.44
75.0	106.38	106.15	105.92	105.68	105.43	105.17	104.92	104.67	104.43	104.21
75.5	100.45	100.22	99.98	99.73	99.48	99.22	98.96	98.71	98.47	98.26
76.0	94.76	94.53	94.29	94.03	93.78	93.52	93.26	93.00	92.76	92.56
76.5	89.24	89.01	88.77	88.52	88.27	88.01	87.76	87.51	87.27	87.08
77.0	83.89	83.66	83.43	83.19	82.94	82.70	82.46	82.22	81.99	81.81
77.5	78.67	78.47	78.25	78.02	77.79	77.56	77.34	77.12	76.90	76.73
78.0	73.60	73.41	73.21	73.00	72.79	72.58	72.37	72.16	71.96	71.79
78.5	68.69	68.51	68.32	68.12	67.92	67.71	67.51	67.31	67.12	66.96
79.0	63.87	63.70	63.51	63.32	63.12	62.92	62.73	62.54	62.35	62.20
79.5	59.09	58.92	58.74	58.55	58.36	58.16	57.97	57.79	57.61	57.48
80.0	54.31	54.14	53.96	53.78	53.59	53.41	53.23	53.06	52.90	52.78
80.5	49.40	49.24	49.09	48.93	48.77	48.61	48.46	48.32	48.19	48.10
81.0	44.48	44.35	44.21	44.08	43.95	43.82	43.70	43.58	43.48	43.42
81.5	39.64	39.52	39.39	39.27	39.15	39.04	38.93	38.83	38.75	38.71
82.0	34.87	34.76	34.65	34.54	34.43	34.33	34.24	34.15	34.08	34.07
82.5	30.15	30.06	29.97	29.88	29.80	29.72	29.65	29.59	29.54	29.55
83.0	25.64	25.58	25.51	25.45	25.39	25.33	25.28	25.24	25.21	25.24
83.5	21.54	21.50	21.46	21.42	21.38	21.35	21.32	21.30	21.29	21.32
84.0	17.69	17.67	17.65	17.63	17.61	17.60	17.59	17.58	17.58	17.60
84.5	14.01	13.98	13.96	13.94	13.92	13.91	13.89	13.89	13.88	13.90
85.0	10.54	10.52	10.50	10.47	10.45	10.43	10.42	10.40	10.40	10.41
85.5	7.14	7.14	7.13	7.13	7.13	7.12	7.12	7.12	7.12	7.13
86.0	4.36	4.37	4.38	4.39	4.40	4.42	4.43	4.44	4.45	4.46
86.5	2.84	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92
87.0	2.05	2.06	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.09
87.5	1.78	1.78	1.79	1.79	1.80	1.80	1.80	1.81	1.81	1.81
88.0	1.79	1.80	1.80	1.81	1.81	1.82	1.82	1.83	1.83	1.83
88.5	1.76	1.77	1.77	1.78	1.78	1.79	1.79	1.79	1.80	1.79
89.0	1.78	1.78	1.79	1.79	1.79	1.80	1.80	1.80	1.80	1.80
89.5	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83
90.0	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89

**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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8088.88	8088.86	8088.84	8088.82	8088.80	8088.80	8088.80	8088.82	8088.93	8089.05
1.0	8088.78	8088.72	8088.67	8088.63	8088.60	8088.58	8088.57	8088.59	8088.76	8088.95
1.5	8088.86	8088.77	8088.69	8088.61	8088.54	8088.49	8088.45	8088.44	8088.62	8088.81
2.0	8088.94	8088.83	8088.72	8088.61	8088.51	8088.43	8088.36	8088.32	8088.48	8088.67
2.5	8088.85	8088.73	8088.61	8088.49	8088.39	8088.30	8088.23	8088.19	8088.35	8088.53
3.0	8088.67	8088.55	8088.44	8088.33	8088.23	8088.14	8088.08	8088.04	8088.21	8088.39
3.5	8088.42	8088.32	8088.22	8088.13	8088.04	8087.97	8087.92	8087.89	8088.03	8088.19
4.0	8088.15	8088.06	8087.98	8087.91	8087.85	8087.80	8087.76	8087.75	8087.87	8088.00
4.5	8087.81	8087.74	8087.67	8087.62	8087.57	8087.54	8087.53	8087.53	8087.66	8087.79
5.0	8087.65	8087.59	8087.54	8087.50	8087.48	8087.47	8087.47	8087.49	8087.62	8087.76
5.5	8088.00	8087.96	8087.93	8087.91	8087.90	8087.89	8087.90	8087.92	8088.03	8088.14
6.0	8088.56	8088.54	8088.53	8088.52	8088.52	8088.53	8088.54	8088.56	8088.64	8088.73
6.5	8089.02	8089.02	8089.02	8089.03	8089.05	8089.07	8089.10	8089.14	8089.22	8089.31
7.0	8089.71	8089.71	8089.73	8089.75	8089.78	8089.82	8089.87	8089.92	8090.01	8090.11
7.5	8090.85	8090.87	8090.89	8090.93	8090.97	8091.02	8091.08	8091.14	8091.25	8091.35
8.0	8092.39	8092.39	8092.41	8092.44	8092.47	8092.52	8092.57	8092.63	8092.75	8092.86
8.5	8094.37	8094.30	8094.25	8094.20	8094.17	8094.16	8094.16	8094.18	8094.32	8094.48
9.0	8096.71	8096.58	8096.46	8096.35	8096.26	8096.18	8096.14	8096.11	8096.28	8096.48
9.5	8099.34	8099.21	8099.09	8098.99	8098.90	8098.84	8098.80	8098.79	8098.95	8099.13



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**CANDELA TABULATION - (Cont.)**

10.0	8102.35	8102.24	8102.15	8102.08	8102.02	8101.99	8101.98	8101.99	8102.13	8102.29
10.5	8105.82	8105.72	8105.64	8105.58	8105.54	8105.52	8105.53	8105.55	8105.71	8105.87
11.0	8109.73	8109.66	8109.60	8109.56	8109.54	8109.54	8109.56	8109.61	8109.79	8109.98
11.5	8114.09	8114.05	8114.03	8114.03	8114.06	8114.10	8114.17	8114.26	8114.48	8114.71
12.0	8118.96	8118.95	8118.97	8119.01	8119.08	8119.17	8119.28	8119.42	8119.68	8119.96
12.5	8124.47	8124.49	8124.53	8124.59	8124.67	8124.78	8124.91	8125.06	8125.36	8125.67
13.0	8130.38	8130.41	8130.47	8130.55	8130.65	8130.78	8130.93	8131.11	8131.45	8131.81
13.5	8136.33	8136.39	8136.48	8136.60	8136.75	8136.93	8137.15	8137.40	8137.87	8138.37
14.0	8142.73	8142.82	8142.95	8143.11	8143.32	8143.56	8143.83	8144.15	8144.74	8145.36
14.5	8150.00	8150.12	8150.29	8150.49	8150.74	8151.01	8151.33	8151.68	8152.25	8152.84
15.0	8157.74	8157.89	8158.08	8158.31	8158.58	8158.89	8159.23	8159.60	8160.14	8160.69
15.5	8165.60	8165.72	8165.89	8166.10	8166.37	8166.67	8167.02	8167.41	8168.01	8168.63
16.0	8173.92	8174.03	8174.20	8174.42	8174.69	8175.01	8175.39	8175.81	8176.49	8177.20
16.5	8183.00	8183.20	8183.47	8183.79	8184.16	8184.58	8185.06	8185.57	8186.32	8187.09
17.0	8192.70	8193.01	8193.37	8193.79	8194.27	8194.79	8195.36	8195.96	8196.75	8197.56
17.5	8203.03	8203.35	8203.73	8204.16	8204.65	8205.18	8205.74	8206.35	8207.10	8207.88
18.0	8213.90	8214.21	8214.57	8215.00	8215.47	8215.99	8216.55	8217.14	8217.88	8218.64
18.5	8225.19	8225.49	8225.85	8226.28	8226.76	8227.30	8227.88	8228.51	8229.39	8230.28
19.0	8236.97	8237.28	8237.66	8238.10	8238.62	8239.20	8239.83	8240.52	8241.55	8242.60
19.5	8249.16	8249.52	8249.96	8250.47	8251.06	8251.71	8252.43	8253.21	8254.34	8255.49
20.0	8262.15	8262.57	8263.09	8263.68	8264.35	8265.09	8265.89	8266.75	8267.96	8269.19
20.5	8276.22	8276.72	8277.30	8277.97	8278.72	8279.54	8280.42	8281.35	8282.61	8283.88
21.0	8291.57	8292.11	8292.74	8293.46	8294.25	8295.12	8296.04	8297.01	8298.30	8299.61
21.5	8308.70	8309.21	8309.80	8310.47	8311.20	8312.01	8312.87	8313.79	8315.13	8316.49
22.0	8326.93	8327.40	8327.96	8328.57	8329.26	8330.01	8330.82	8331.69	8333.06	8334.45
22.5	8345.47	8346.03	8346.66	8347.36	8348.13	8348.95	8349.83	8350.75	8352.12	8353.49
23.0	8365.04	8365.67	8366.38	8367.16	8368.00	8368.90	8369.84	8370.82	8372.20	8373.57
23.5	8386.11	8386.67	8387.31	8388.02	8388.79	8389.63	8390.52	8391.47	8392.97	8394.47
24.0	8408.63	8409.14	8409.71	8410.36	8411.06	8411.83	8412.66	8413.54	8415.09	8416.66
24.5	8432.90	8433.52	8434.19	8434.91	8435.67	8436.47	8437.29	8438.13	8439.43	8440.71
25.0	8458.39	8459.14	8459.94	8460.75	8461.59	8462.43	8463.27	8464.10	8465.14	8466.14
25.5	8484.59	8485.37	8486.18	8487.02	8487.88	8488.74	8489.59	8490.43	8491.54	8492.58
26.0	8511.76	8512.54	8513.37	8514.23	8515.11	8516.00	8516.89	8517.78	8519.02	8520.21
26.5	8539.79	8540.65	8541.56	8542.51	8543.49	8544.49	8545.49	8546.48	8547.80	8549.05
27.0	8569.23	8570.13	8571.10	8572.12	8573.18	8574.26	8575.35	8576.43	8577.81	8579.13
27.5	8600.62	8601.47	8602.39	8603.37	8604.38	8605.43	8606.50	8607.57	8609.02	8610.42
28.0	8633.87	8634.61	8635.41	8636.26	8637.16	8638.09	8639.06	8640.05	8641.57	8643.06
28.5	8669.67	8670.16	8670.70	8671.29	8671.92	8672.61	8673.35	8674.14	8675.72	8677.30
29.0	8706.22	8706.54	8706.90	8707.30	8707.74	8708.25	8708.82	8709.47	8711.07	8712.71
29.5	8742.00	8742.52	8743.07	8743.65	8744.26	8744.92	8745.62	8746.37	8747.91	8749.45
30.0	8776.83	8777.61	8778.43	8779.28	8780.15	8781.06	8781.99	8782.95	8784.48	8786.00
30.5	8810.00	8810.88	8811.82	8812.82	8813.87	8814.97	8816.12	8817.31	8819.12	8820.93
31.0	8841.52	8842.42	8843.42	8844.51	8845.68	8846.94	8848.29	8849.72	8851.91	8854.12
31.5	8871.81	8872.64	8873.59	8874.65	8875.83	8877.13	8878.56	8880.12	8882.64	8885.24
32.0	8898.90	8899.68	8900.59	8901.65	8902.86	8904.24	8905.78	8907.50	8910.44	8913.50
32.5	8921.08	8921.92	8922.94	8924.15	8925.56	8927.19	8929.04	8931.13	8934.65	8938.34
33.0	8938.09	8939.07	8940.29	8941.75	8943.46	8945.43	8947.68	8950.21	8954.35	8958.70
33.5	8949.68	8950.94	8952.47	8954.28	8956.36	8958.75	8961.43	8964.44	8969.15	8974.09
34.0	8954.03	8955.62	8957.51	8959.70	8962.20	8965.01	8968.14	8971.61	8976.82	8982.26
34.5	8949.43	8951.40	8953.69	8956.30	8959.23	8962.47	8966.04	8969.92	8975.42	8981.13
35.0	8935.23	8937.48	8940.07	8942.98	8946.22	8949.79	8953.68	8957.89	8963.66	8969.65
35.5	8910.65	8912.82	8915.33	8918.18	8921.39	8924.97	8928.92	8933.26	8939.60	8946.22
36.0	8874.41	8876.45	8878.83	8881.55	8884.66	8888.16	8892.08	8896.45	8903.24	8910.37
36.5	8825.52	8827.68	8830.15	8832.95	8836.10	8839.62	8843.55	8847.90	8854.58	8861.59
37.0	8762.30	8764.64	8767.26	8770.18	8773.43	8777.02	8780.98	8785.31	8791.70	8798.39
37.5	8681.98	8684.47	8687.27	8690.38	8693.81	8697.58	8701.70	8706.17	8712.41	8718.92

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**CANDELA TABULATION - (Cont.)**

38.0	8586.89	8589.44	8592.32	8595.51	8599.03	8602.87	8607.04	8611.53	8617.48	8623.67
38.5	8479.08	8481.43	8484.08	8487.02	8490.24	8493.75	8497.54	8501.63	8506.93	8512.44
39.0	8356.67	8358.76	8361.09	8363.66	8366.48	8369.53	8372.83	8376.36	8380.83	8385.48
39.5	8218.24	8220.21	8222.38	8224.75	8227.31	8230.06	8232.98	8236.07	8239.60	8243.27
40.0	8064.49	8066.21	8068.11	8070.16	8072.35	8074.68	8077.13	8079.69	8082.24	8084.88
40.5	7895.16	7896.23	7897.43	7898.75	7900.18	7901.72	7903.36	7905.09	7906.65	7908.31
41.0	7711.67	7711.98	7712.39	7712.89	7713.48	7714.16	7714.93	7715.79	7716.47	7717.25
41.5	7515.08	7514.75	7514.49	7514.29	7514.18	7514.16	7514.24	7514.42	7514.51	7514.73
42.0	7306.21	7305.36	7304.55	7303.80	7303.12	7302.51	7302.00	7301.59	7301.07	7300.70
42.5	7085.52	7084.47	7083.42	7082.38	7081.37	7080.37	7079.41	7078.49	7076.97	7075.55
43.0	6855.05	6853.86	6852.63	6851.37	6850.08	6848.75	6847.39	6846.00	6843.49	6841.04
43.5	6616.71	6615.20	6613.62	6611.96	6610.24	6608.46	6606.62	6604.74	6601.63	6598.57
44.0	6371.37	6369.52	6367.57	6365.52	6363.39	6361.19	6358.93	6356.62	6353.12	6349.69
44.5	6120.00	6117.84	6115.57	6113.20	6110.77	6108.27	6105.74	6103.18	6099.51	6095.94
45.0	5864.22	5861.85	5859.39	5856.85	5854.24	5851.59	5848.91	5846.21	5842.44	5838.77
45.5	5605.09	5602.84	5600.52	5598.11	5595.64	5593.10	5590.49	5587.84	5583.79	5579.80
46.0	5345.21	5343.10	5340.91	5338.64	5336.29	5333.84	5331.31	5328.68	5324.37	5320.09
46.5	5087.55	5085.28	5082.89	5080.40	5077.80	5075.11	5072.32	5069.45	5065.05	5060.68
47.0	4832.14	4829.61	4826.92	4824.11	4821.18	4818.17	4815.07	4811.93	4807.55	4803.25
47.5	4580.28	4577.38	4574.31	4571.11	4567.80	4564.43	4561.02	4557.62	4553.44	4549.39
48.0	4331.08	4328.06	4324.88	4321.58	4318.20	4314.78	4311.36	4307.98	4304.11	4300.40
48.5	4082.00	4079.67	4077.26	4074.78	4072.25	4069.69	4067.12	4064.56	4061.22	4057.98
49.0	3839.19	3837.78	3836.35	3834.89	3833.40	3831.87	3830.27	3828.62	3825.59	3822.57
49.5	3609.18	3608.53	3607.88	3607.19	3606.41	3605.50	3604.42	3603.14	3599.46	3595.66
50.0	3388.40	3388.16	3387.93	3387.62	3387.19	3386.57	3385.69	3384.50	3380.24	3375.75
50.5	3174.87	3174.11	3173.37	3172.60	3171.75	3170.79	3169.65	3168.31	3164.59	3160.73
51.0	2970.40	2968.93	2967.49	2966.04	2964.57	2963.08	2961.53	2959.92	2956.94	2953.97
51.5	2776.51	2774.78	2773.00	2771.19	2769.35	2767.49	2765.62	2763.73	2761.08	2758.48
52.0	2592.04	2590.25	2588.37	2586.41	2584.40	2582.35	2580.29	2578.23	2575.75	2573.34
52.5	2416.01	2414.48	2412.84	2411.11	2409.31	2407.45	2405.55	2403.64	2401.20	2398.82
53.0	2249.29	2248.10	2246.81	2245.42	2243.95	2242.40	2240.79	2239.13	2236.74	2234.37
53.5	2092.60	2091.58	2090.47	2089.28	2088.02	2086.70	2085.32	2083.88	2081.72	2079.56
54.0	1945.40	1944.54	1943.62	1942.64	1941.60	1940.52	1939.38	1938.19	1936.26	1934.35
54.5	1807.88	1807.34	1806.77	1806.17	1805.51	1804.80	1804.03	1803.17	1801.38	1799.56
55.0	1678.64	1678.31	1677.96	1677.59	1677.17	1676.69	1676.14	1675.49	1673.81	1672.06
55.5	1555.77	1555.16	1554.51	1553.82	1553.08	1552.29	1551.46	1550.58	1548.96	1547.34
56.0	1441.11	1440.14	1439.08	1437.97	1436.81	1435.62	1434.43	1433.24	1431.78	1430.39
56.5	1337.32	1336.16	1334.90	1333.57	1332.21	1330.84	1329.50	1328.23	1327.27	1326.43
57.0	1240.07	1238.91	1237.64	1236.32	1234.96	1233.62	1232.33	1231.12	1230.62	1230.24
57.5	1144.42	1143.67	1142.87	1142.02	1141.15	1140.28	1139.42	1138.60	1138.03	1137.51
58.0	1054.80	1054.49	1054.16	1053.80	1053.42	1053.02	1052.61	1052.17	1051.43	1050.69
58.5	975.04	974.70	974.35	973.98	973.60	973.20	972.79	972.37	971.70	971.04
59.0	902.10	901.67	901.21	900.74	900.26	899.78	899.30	898.82	898.26	897.73
59.5	834.17	833.85	833.51	833.16	832.79	832.42	832.04	831.66	831.13	830.62
60.0	771.51	771.32	771.11	770.90	770.67	770.43	770.17	769.90	769.38	768.87
60.5	713.88	713.71	713.54	713.36	713.17	712.98	712.77	712.55	712.08	711.60
61.0	661.03	660.84	660.65	660.47	660.28	660.09	659.90	659.69	659.26	658.84
61.5	612.79	612.54	612.30	612.06	611.82	611.59	611.36	611.14	610.75	610.37
62.0	568.69	568.38	568.08	567.79	567.51	567.23	566.96	566.70	566.34	566.00
62.5	528.36	528.08	527.81	527.53	527.26	526.99	526.72	526.45	526.06	525.68
63.0	491.30	491.05	490.80	490.54	490.28	490.01	489.74	489.47	489.05	488.65
63.5	456.81	456.50	456.19	455.88	455.57	455.27	454.97	454.68	454.32	453.99
64.0	425.17	424.78	424.38	423.99	423.61	423.25	422.90	422.58	422.31	422.06
64.5	396.85	396.36	395.87	395.37	394.88	394.41	393.97	393.57	393.35	393.18
65.0	370.57	370.04	369.49	368.93	368.39	367.86	367.36	366.91	366.73	366.60
65.5	344.83	344.40	343.96	343.52	343.08	342.67	342.28	341.92	341.70	341.51

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**CANDELA TABULATION - (Cont.)**

66.0	320.80	320.50	320.20	319.92	319.64	319.37	319.12	318.88	318.60	318.34
66.5	299.48	299.26	299.06	298.88	298.71	298.54	298.37	298.20	297.88	297.56
67.0	279.85	279.68	279.52	279.39	279.26	279.13	279.00	278.87	278.53	278.19
67.5	261.14	260.89	260.65	260.43	260.22	260.02	259.83	259.65	259.40	259.16
68.0	243.72	243.37	243.03	242.71	242.41	242.12	241.87	241.63	241.47	241.33
68.5	227.73	227.38	227.04	226.71	226.40	226.11	225.85	225.62	225.47	225.34
69.0	213.06	212.74	212.43	212.13	211.86	211.60	211.36	211.15	210.98	210.83
69.5	199.70	199.44	199.20	198.98	198.77	198.57	198.38	198.21	198.00	197.80
70.0	187.42	187.22	187.03	186.85	186.69	186.54	186.39	186.25	186.00	185.76
70.5	175.95	175.71	175.48	175.27	175.06	174.87	174.69	174.51	174.28	174.06
71.0	165.45	165.14	164.85	164.57	164.30	164.04	163.80	163.57	163.37	163.19
71.5	156.16	155.81	155.46	155.12	154.78	154.46	154.16	153.87	153.67	153.50
72.0	147.53	147.16	146.79	146.41	146.05	145.69	145.36	145.05	144.84	144.67
72.5	138.91	138.60	138.29	137.98	137.68	137.40	137.13	136.88	136.70	136.55
73.0	130.78	130.53	130.30	130.07	129.86	129.66	129.47	129.30	129.15	129.03
73.5	123.51	123.29	123.07	122.87	122.67	122.49	122.33	122.17	122.05	121.95
74.0	116.75	116.53	116.32	116.12	115.93	115.76	115.59	115.45	115.35	115.27
74.5	110.22	110.02	109.82	109.63	109.46	109.30	109.16	109.03	108.96	108.91
75.0	104.00	103.80	103.62	103.45	103.29	103.15	103.02	102.91	102.87	102.84
75.5	98.06	97.88	97.70	97.54	97.40	97.27	97.16	97.07	97.03	97.02
76.0	92.37	92.20	92.04	91.89	91.76	91.64	91.55	91.46	91.44	91.43
76.5	86.91	86.75	86.60	86.46	86.34	86.24	86.16	86.09	86.07	86.07
77.0	81.65	81.49	81.35	81.23	81.12	81.03	80.95	80.89	80.89	80.90
77.5	76.57	76.42	76.28	76.16	76.06	75.96	75.89	75.83	75.84	75.86
78.0	71.63	71.49	71.36	71.24	71.13	71.04	70.97	70.92	70.93	70.96
78.5	66.81	66.67	66.55	66.43	66.34	66.25	66.19	66.14	66.16	66.20
79.0	62.07	61.94	61.82	61.72	61.64	61.57	61.51	61.47	61.50	61.55
79.5	57.36	57.25	57.16	57.08	57.01	56.96	56.93	56.91	56.96	57.02
80.0	52.69	52.60	52.53	52.47	52.43	52.41	52.39	52.40	52.46	52.54
80.5	48.03	47.97	47.92	47.89	47.87	47.86	47.87	47.89	47.97	48.06
81.0	43.37	43.34	43.32	43.31	43.31	43.33	43.35	43.39	43.48	43.58
81.5	38.69	38.68	38.68	38.70	38.73	38.76	38.81	38.87	38.97	39.08
82.0	34.07	34.09	34.11	34.15	34.20	34.26	34.32	34.40	34.50	34.62
82.5	29.57	29.61	29.66	29.72	29.78	29.86	29.94	30.03	30.13	30.24
83.0	25.28	25.33	25.39	25.46	25.54	25.62	25.71	25.80	25.91	26.01
83.5	21.36	21.40	21.46	21.52	21.58	21.65	21.73	21.81	21.91	22.00
84.0	17.63	17.66	17.70	17.75	17.80	17.85	17.91	17.97	18.06	18.15
84.5	13.92	13.95	13.98	14.02	14.06	14.11	14.16	14.21	14.29	14.37
85.0	10.42	10.44	10.47	10.50	10.53	10.57	10.61	10.66	10.71	10.78
85.5	7.14	7.15	7.17	7.18	7.20	7.22	7.24	7.26	7.28	7.31
86.0	4.46	4.47	4.47	4.47	4.48	4.48	4.48	4.48	4.48	4.47
86.5	2.92	2.93	2.93	2.94	2.94	2.94	2.94	2.94	2.94	2.93
87.0	2.10	2.10	2.11	2.11	2.12	2.13	2.13	2.14	2.14	2.14
87.5	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83
88.0	1.83	1.83	1.83	1.82	1.82	1.82	1.82	1.81	1.82	1.82
88.5	1.79	1.79	1.78	1.78	1.77	1.77	1.77	1.76	1.76	1.77
89.0	1.80	1.79	1.79	1.78	1.78	1.78	1.77	1.77	1.77	1.77
89.5	1.83	1.83	1.83	1.82	1.82	1.82	1.82	1.82	1.82	1.81
90.0	1.90	1.90	1.90	1.90	1.91	1.91	1.91	1.91	1.91	1.90

**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>
<b>0.0</b>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8089.17	8089.30	8089.42	8089.54	8089.65	8089.74	8089.81	8089.77	8089.70	8089.62
<b>1.0</b>	8089.15	8089.35	8089.55	8089.74	8089.91	8090.06	8090.18	8090.10	8089.99	8089.85

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**CANDELA TABULATION - (Cont.)**

1.5	8089.02	8089.24	8089.45	8089.65	8089.84	8090.00	8090.13	8090.03	8089.89	8089.73
2.0	8088.86	8089.07	8089.27	8089.46	8089.64	8089.79	8089.91	8089.80	8089.66	8089.49
2.5	8088.74	8088.95	8089.15	8089.35	8089.54	8089.69	8089.82	8089.71	8089.57	8089.40
3.0	8088.59	8088.80	8089.00	8089.20	8089.38	8089.53	8089.66	8089.55	8089.42	8089.25
3.5	8088.36	8088.54	8088.72	8088.88	8089.03	8089.16	8089.25	8089.14	8088.99	8088.82
4.0	8088.14	8088.29	8088.43	8088.57	8088.68	8088.78	8088.85	8088.72	8088.56	8088.38
4.5	8087.94	8088.09	8088.23	8088.36	8088.48	8088.57	8088.64	8088.50	8088.34	8088.15
5.0	8087.91	8088.05	8088.20	8088.33	8088.44	8088.54	8088.60	8088.47	8088.31	8088.12
5.5	8088.26	8088.38	8088.49	8088.59	8088.68	8088.74	8088.79	8088.67	8088.52	8088.36
6.0	8088.82	8088.91	8088.99	8089.06	8089.11	8089.15	8089.17	8089.06	8088.93	8088.78
6.5	8089.40	8089.48	8089.55	8089.61	8089.66	8089.69	8089.69	8089.57	8089.43	8089.27
7.0	8090.20	8090.29	8090.37	8090.43	8090.48	8090.51	8090.51	8090.38	8090.22	8090.04
7.5	8091.45	8091.54	8091.62	8091.69	8091.75	8091.78	8091.79	8091.65	8091.50	8091.33
8.0	8092.98	8093.09	8093.20	8093.29	8093.36	8093.41	8093.43	8093.31	8093.16	8093.00
8.5	8094.65	8094.81	8094.97	8095.12	8095.25	8095.36	8095.44	8095.31	8095.16	8094.98
9.0	8096.69	8096.90	8097.11	8097.31	8097.50	8097.65	8097.77	8097.65	8097.50	8097.31
9.5	8099.32	8099.52	8099.72	8099.91	8100.08	8100.24	8100.36	8100.26	8100.14	8099.98
10.0	8102.46	8102.64	8102.81	8102.98	8103.14	8103.28	8103.39	8103.32	8103.23	8103.11
10.5	8106.06	8106.24	8106.43	8106.61	8106.78	8106.93	8107.05	8107.00	8106.92	8106.81
11.0	8110.19	8110.40	8110.61	8110.81	8111.00	8111.17	8111.31	8111.26	8111.18	8111.08
11.5	8114.96	8115.20	8115.45	8115.68	8115.89	8116.08	8116.23	8116.17	8116.08	8115.96
12.0	8120.25	8120.54	8120.82	8121.08	8121.33	8121.54	8121.71	8121.63	8121.52	8121.37
12.5	8125.98	8126.30	8126.60	8126.89	8127.15	8127.38	8127.57	8127.48	8127.34	8127.18
13.0	8132.18	8132.55	8132.90	8133.23	8133.53	8133.79	8134.01	8133.90	8133.75	8133.55
13.5	8138.87	8139.37	8139.86	8140.31	8140.73	8141.09	8141.38	8141.24	8141.04	8140.79
14.0	8145.98	8146.60	8147.20	8147.76	8148.27	8148.71	8149.07	8148.91	8148.67	8148.37
14.5	8153.43	8154.02	8154.58	8155.11	8155.59	8156.00	8156.33	8156.19	8155.96	8155.67
15.0	8161.24	8161.79	8162.31	8162.80	8163.24	8163.62	8163.92	8163.79	8163.59	8163.32
15.5	8169.26	8169.88	8170.49	8171.05	8171.57	8172.01	8172.38	8172.27	8172.07	8171.80
16.0	8177.92	8178.64	8179.34	8180.00	8180.60	8181.13	8181.57	8181.45	8181.25	8180.97
16.5	8187.87	8188.64	8189.38	8190.07	8190.70	8191.25	8191.69	8191.55	8191.31	8190.99
17.0	8198.37	8199.16	8199.91	8200.61	8201.24	8201.78	8202.22	8202.05	8201.79	8201.44
17.5	8208.64	8209.39	8210.11	8210.77	8211.38	8211.90	8212.32	8212.20	8211.99	8211.70
18.0	8219.40	8220.14	8220.84	8221.50	8222.10	8222.62	8223.05	8222.95	8222.76	8222.50
18.5	8231.17	8232.05	8232.88	8233.66	8234.36	8234.96	8235.45	8235.24	8234.91	8234.49
19.0	8243.66	8244.70	8245.68	8246.60	8247.42	8248.12	8248.68	8248.35	8247.87	8247.29
19.5	8256.65	8257.78	8258.86	8259.86	8260.75	8261.51	8262.12	8261.79	8261.29	8260.68
20.0	8270.41	8271.61	8272.75	8273.80	8274.75	8275.55	8276.19	8275.86	8275.37	8274.75
20.5	8285.15	8286.38	8287.55	8288.63	8289.58	8290.39	8291.03	8290.66	8290.12	8289.44
21.0	8300.91	8302.16	8303.35	8304.43	8305.39	8306.19	8306.80	8306.35	8305.72	8304.94
21.5	8317.83	8319.13	8320.35	8321.46	8322.43	8323.22	8323.81	8323.21	8322.40	8321.44
22.0	8335.82	8337.15	8338.39	8339.50	8340.47	8341.23	8341.77	8340.99	8339.99	8338.81
22.5	8354.84	8356.12	8357.29	8358.34	8359.21	8359.88	8360.30	8359.36	8358.19	8356.83
23.0	8374.90	8376.15	8377.28	8378.27	8379.07	8379.65	8379.97	8378.87	8377.52	8375.98
23.5	8395.93	8397.32	8398.58	8399.68	8400.58	8401.23	8401.59	8400.30	8398.74	8396.96
24.0	8418.19	8419.64	8420.96	8422.11	8423.04	8423.71	8424.06	8422.62	8420.87	8418.89
24.5	8441.93	8443.06	8444.04	8444.86	8445.47	8445.83	8445.91	8444.39	8442.60	8440.60
25.0	8467.05	8467.84	8468.50	8468.98	8469.26	8469.31	8469.11	8467.52	8465.71	8463.70
25.5	8493.54	8494.38	8495.07	8495.57	8495.86	8495.90	8495.67	8493.96	8491.99	8489.82
26.0	8521.31	8522.29	8523.10	8523.72	8524.10	8524.22	8524.02	8522.19	8520.07	8517.72
26.5	8550.21	8551.24	8552.10	8552.75	8553.15	8553.27	8553.07	8551.16	8548.96	8546.52
27.0	8580.35	8581.43	8582.33	8583.02	8583.46	8583.60	8583.41	8581.46	8579.21	8576.71
27.5	8611.73	8612.91	8613.91	8614.68	8615.20	8615.42	8615.29	8613.29	8610.98	8608.42
28.0	8644.47	8645.76	8646.87	8647.77	8648.40	8648.73	8648.69	8646.69	8644.36	8641.76
28.5	8678.83	8680.27	8681.54	8682.62	8683.43	8683.94	8684.08	8682.14	8679.85	8677.29
29.0	8714.33	8715.86	8717.25	8718.45	8719.40	8720.05	8720.34	8718.51	8716.33	8713.88

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**CANDELA TABULATION - (Cont.)**

29.5	8750.96	8752.37	8753.65	8754.74	8755.59	8756.16	8756.40	8754.71	8752.70	8750.44
30.0	8787.47	8788.83	8790.05	8791.08	8791.89	8792.43	8792.66	8791.16	8789.37	8787.35
30.5	8822.69	8824.35	8825.88	8827.22	8828.33	8829.17	8829.69	8828.42	8826.84	8825.02
31.0	8856.31	8858.42	8860.40	8862.20	8863.77	8865.05	8866.00	8865.03	8863.73	8862.17
31.5	8887.85	8890.41	8892.87	8895.16	8897.22	8899.00	8900.44	8899.89	8899.00	8897.82
32.0	8916.61	8919.70	8922.72	8925.58	8928.23	8930.59	8932.60	8932.55	8932.13	8931.41
32.5	8942.12	8945.91	8949.63	8953.22	8956.58	8959.66	8962.36	8962.89	8963.02	8962.81
33.0	8963.17	8967.67	8972.12	8976.43	8980.52	8984.29	8987.66	8988.77	8989.44	8989.71
33.5	8979.17	8984.28	8989.34	8994.25	8998.92	9003.25	9007.16	9008.68	9009.73	9010.35
34.0	8987.84	8993.46	8999.02	9004.42	9009.57	9014.36	9018.70	9020.62	9022.04	9022.99
34.5	8986.98	8992.86	8998.69	9004.36	9009.79	9014.88	9019.53	9021.96	9023.91	9025.38
35.0	8975.78	8981.95	8988.06	8994.04	8999.77	9005.17	9010.15	9013.05	9015.47	9017.41
35.5	8953.03	8959.90	8966.73	8973.41	8979.83	8985.89	8991.47	8994.61	8997.20	8999.27
36.0	8917.73	8925.17	8932.59	8939.86	8946.86	8953.46	8959.55	8962.89	8965.62	8967.79
36.5	8868.82	8876.15	8883.46	8890.64	8897.58	8904.15	8910.25	8913.93	8917.04	8919.61
37.0	8805.27	8812.25	8819.22	8826.09	8832.74	8839.09	8845.02	8849.01	8852.50	8855.48
37.5	8725.61	8732.39	8739.16	8745.83	8752.31	8758.51	8764.33	8768.48	8772.16	8775.37
38.0	8630.03	8636.47	8642.90	8649.25	8655.42	8661.35	8666.95	8671.13	8674.90	8678.24
38.5	8518.11	8523.85	8529.60	8535.30	8540.86	8546.23	8551.33	8555.37	8559.06	8562.39
39.0	8390.26	8395.12	8400.01	8404.88	8409.67	8414.34	8418.83	8422.72	8426.35	8429.71
39.5	8247.04	8250.89	8254.79	8258.71	8262.63	8266.52	8270.35	8274.32	8278.17	8281.84
40.0	8087.61	8090.43	8093.33	8096.30	8099.35	8102.46	8105.64	8109.73	8113.81	8117.83
40.5	7910.08	7911.97	7913.99	7916.14	7918.45	7920.93	7923.57	7927.64	7931.82	7936.03
41.0	7718.18	7719.26	7720.51	7721.97	7723.65	7725.57	7727.76	7731.73	7735.90	7740.18
41.5	7515.11	7515.68	7516.46	7517.47	7518.73	7520.27	7522.12	7525.81	7529.74	7533.83
42.0	7300.51	7300.52	7300.76	7301.27	7302.06	7303.18	7304.65	7308.13	7311.90	7315.87
42.5	7074.28	7073.22	7072.43	7071.96	7071.86	7072.19	7073.00	7076.63	7080.69	7085.06
43.0	6838.72	6836.62	6834.81	6833.38	6832.41	6831.97	6832.16	6836.05	6840.50	6845.37
43.5	6595.65	6592.97	6590.61	6588.67	6587.25	6586.43	6586.30	6590.33	6595.00	6600.14
44.0	6346.41	6343.40	6340.73	6338.52	6336.86	6335.84	6335.57	6339.74	6344.57	6349.91
44.5	6092.55	6089.44	6086.71	6084.47	6082.79	6081.79	6081.56	6085.91	6090.94	6096.49
45.0	5835.30	5832.13	5829.35	5827.07	5825.38	5824.37	5824.15	5828.58	5833.72	5839.37
45.5	5575.97	5572.42	5569.25	5566.57	5564.48	5563.08	5562.50	5566.72	5571.67	5577.17
46.0	5315.94	5312.04	5308.50	5305.44	5302.98	5301.22	5300.28	5304.28	5309.03	5314.36
46.5	5056.46	5052.52	5048.95	5045.87	5043.40	5041.66	5040.76	5044.83	5049.68	5055.11
47.0	4799.14	4795.31	4791.89	4788.98	4786.69	4785.12	4784.39	4788.56	4793.50	4799.01
47.5	4545.57	4542.07	4538.98	4536.40	4534.42	4533.14	4532.65	4536.69	4541.44	4546.72
48.0	4296.94	4293.80	4291.07	4288.83	4287.15	4286.12	4285.83	4289.67	4294.16	4299.13
48.5	4054.94	4052.17	4049.75	4047.75	4046.26	4045.37	4045.14	4048.85	4053.15	4057.89
49.0	3819.65	3816.93	3814.49	3812.42	3810.80	3809.72	3809.28	3812.76	3816.82	3821.29
49.5	3591.83	3588.11	3584.61	3581.44	3578.73	3576.58	3575.12	3578.00	3581.55	3585.60
50.0	3371.17	3366.62	3362.25	3358.20	3354.61	3351.61	3349.34	3351.71	3354.81	3358.50
50.5	3156.84	3153.04	3149.45	3146.17	3143.32	3141.01	3139.36	3141.84	3144.95	3148.56
51.0	2951.08	2948.34	2945.85	2943.67	2941.88	2940.58	2939.83	2942.53	2945.74	2949.33
51.5	2756.01	2753.73	2751.70	2749.99	2748.65	2747.75	2747.36	2750.02	2753.12	2756.55
52.0	2571.08	2569.02	2567.20	2565.70	2564.55	2563.82	2563.56	2566.07	2569.00	2572.24
52.5	2396.55	2394.46	2392.59	2391.01	2389.77	2388.93	2388.55	2390.87	2393.60	2396.63
53.0	2232.07	2229.91	2227.96	2226.26	2224.89	2223.90	2223.35	2225.49	2228.02	2230.86
53.5	2077.48	2075.52	2073.75	2072.22	2070.99	2070.11	2069.65	2071.73	2074.18	2076.92
54.0	1932.49	1930.75	1929.17	1927.81	1926.72	1925.96	1925.57	1927.55	1929.87	1932.44
54.5	1797.75	1796.02	1794.40	1792.95	1791.73	1790.79	1790.18	1791.69	1793.50	1795.54
55.0	1670.31	1668.60	1666.98	1665.50	1664.22	1663.18	1662.44	1663.64	1665.11	1666.80
55.5	1545.77	1544.28	1542.94	1541.79	1540.88	1540.26	1539.97	1541.78	1543.89	1546.23
56.0	1429.10	1427.97	1427.02	1426.30	1425.85	1425.72	1425.93	1428.22	1430.82	1433.64
56.5	1325.71	1325.12	1324.68	1324.41	1324.31	1324.41	1324.72	1326.15	1327.76	1329.48
57.0	1229.96	1229.79	1229.71	1229.72	1229.82	1229.99	1230.24	1230.73	1231.26	1231.82

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**CANDELA TABULATION - (Cont.)**

57.5	1137.07	1136.69	1136.40	1136.19	1136.06	1136.04	1136.11	1136.72	1137.42	1138.16
58.0	1049.98	1049.31	1048.72	1048.22	1047.84	1047.59	1047.51	1048.46	1049.55	1050.75
58.5	970.42	969.84	969.34	968.93	968.63	968.46	968.44	969.40	970.48	971.66
59.0	897.25	896.82	896.46	896.19	896.02	895.96	896.04	896.90	897.87	898.91
59.5	830.13	829.69	829.31	829.00	828.78	828.66	828.66	829.38	830.20	831.09
60.0	768.36	767.89	767.46	767.10	766.81	766.61	766.52	767.10	767.79	768.54
60.5	711.14	710.70	710.30	709.97	709.70	709.52	709.44	709.99	710.63	711.34
61.0	658.42	658.04	657.70	657.42	657.20	657.06	657.02	657.55	658.17	658.85
61.5	610.02	609.70	609.42	609.19	609.02	608.93	608.93	609.39	609.93	610.53
62.0	565.68	565.40	565.16	564.96	564.83	564.76	564.77	565.17	565.64	566.16
62.5	525.32	524.99	524.70	524.46	524.27	524.15	524.11	524.47	524.90	525.39
63.0	488.26	487.89	487.56	487.28	487.05	486.89	486.81	487.13	487.52	487.98
63.5	453.67	453.39	453.14	452.93	452.78	452.68	452.64	452.89	453.21	453.57
64.0	421.85	421.68	421.54	421.44	421.38	421.37	421.40	421.60	421.84	422.11
64.5	393.06	392.98	392.94	392.94	392.98	393.05	393.17	393.36	393.58	393.83
65.0	366.51	366.48	366.49	366.54	366.63	366.75	366.90	367.09	367.29	367.52
65.5	341.37	341.26	341.18	341.14	341.14	341.17	341.23	341.33	341.47	341.63
66.0	318.10	317.89	317.69	317.53	317.40	317.30	317.24	317.26	317.33	317.44
66.5	297.24	296.94	296.66	296.40	296.17	295.98	295.83	295.84	295.90	296.01
67.0	277.85	277.52	277.20	276.91	276.64	276.42	276.24	276.25	276.31	276.42
67.5	258.92	258.71	258.51	258.33	258.18	258.06	257.97	257.98	258.02	258.09
68.0	241.21	241.12	241.06	241.01	240.99	240.99	241.01	241.02	241.04	241.09
68.5	225.24	225.17	225.13	225.10	225.10	225.12	225.16	225.18	225.21	225.27
69.0	210.71	210.61	210.53	210.48	210.45	210.45	210.46	210.48	210.53	210.60
69.5	197.61	197.44	197.29	197.16	197.06	196.98	196.92	196.93	196.96	197.03
70.0	185.52	185.29	185.08	184.88	184.71	184.57	184.45	184.43	184.45	184.50
70.5	173.85	173.66	173.48	173.32	173.18	173.07	172.98	172.95	172.95	172.98
71.0	163.03	162.88	162.76	162.65	162.57	162.51	162.47	162.43	162.41	162.42
71.5	153.34	153.21	153.10	153.02	152.95	152.91	152.88	152.84	152.82	152.82
72.0	144.52	144.40	144.30	144.22	144.16	144.12	144.10	144.05	144.03	144.02
72.5	136.42	136.30	136.21	136.13	136.07	136.03	136.00	135.95	135.92	135.90
73.0	128.91	128.81	128.73	128.65	128.60	128.55	128.52	128.46	128.42	128.40
73.5	121.85	121.77	121.71	121.65	121.61	121.58	121.56	121.50	121.46	121.44
74.0	115.20	115.14	115.10	115.07	115.05	115.04	115.03	114.99	114.95	114.92
74.5	108.87	108.85	108.84	108.83	108.84	108.85	108.87	108.82	108.78	108.75
75.0	102.83	102.84	102.85	102.87	102.90	102.93	102.97	102.93	102.89	102.86
75.5	97.02	97.03	97.05	97.08	97.12	97.16	97.20	97.17	97.14	97.12
76.0	91.43	91.45	91.48	91.51	91.55	91.60	91.64	91.61	91.59	91.57
76.5	86.09	86.11	86.15	86.19	86.24	86.29	86.34	86.30	86.27	86.25
77.0	80.93	80.96	81.01	81.06	81.11	81.16	81.22	81.18	81.14	81.11
77.5	75.90	75.94	75.99	76.05	76.11	76.18	76.23	76.20	76.16	76.13
78.0	71.01	71.06	71.12	71.19	71.25	71.32	71.39	71.36	71.33	71.30
78.5	66.25	66.31	66.37	66.45	66.52	66.59	66.66	66.63	66.60	66.57
79.0	61.61	61.68	61.75	61.83	61.90	61.98	62.05	62.02	61.99	61.95
79.5	57.09	57.17	57.26	57.35	57.43	57.52	57.59	57.56	57.53	57.49
80.0	52.63	52.73	52.83	52.92	53.02	53.11	53.19	53.16	53.12	53.08
80.5	48.16	48.26	48.36	48.46	48.56	48.65	48.73	48.70	48.66	48.62
81.0	43.68	43.79	43.90	44.00	44.09	44.18	44.26	44.23	44.19	44.14
81.5	39.19	39.30	39.41	39.51	39.60	39.69	39.76	39.72	39.67	39.61
82.0	34.73	34.84	34.95	35.05	35.14	35.22	35.28	35.24	35.17	35.10
82.5	30.35	30.46	30.56	30.65	30.73	30.80	30.85	30.81	30.75	30.68
83.0	26.11	26.21	26.30	26.38	26.46	26.52	26.56	26.53	26.48	26.42
83.5	22.10	22.19	22.28	22.36	22.44	22.50	22.55	22.52	22.49	22.44
84.0	18.24	18.33	18.41	18.49	18.57	18.63	18.68	18.67	18.65	18.62
84.5	14.45	14.52	14.60	14.67	14.73	14.79	14.84	14.83	14.81	14.79
85.0	10.84	10.90	10.96	11.01	11.06	11.11	11.15	11.15	11.14	11.13

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**CANDELA TABULATION - (Cont.)**

85.5	7.33	7.36	7.39	7.42	7.45	7.48	7.50	7.54	7.57	7.60
86.0	4.47	4.46	4.46	4.47	4.48	4.49	4.51	4.57	4.63	4.69
86.5	2.92	2.92	2.91	2.91	2.91	2.92	2.93	2.96	3.01	3.05
87.0	2.14	2.14	2.14	2.13	2.14	2.14	2.14	2.15	2.16	2.17
87.5	1.83	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
88.0	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83
88.5	1.77	1.77	1.77	1.78	1.78	1.78	1.78	1.78	1.78	1.78
89.0	1.77	1.77	1.78	1.78	1.78	1.78	1.79	1.78	1.78	1.78
89.5	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.80
90.0	1.90	1.89	1.89	1.88	1.88	1.87	1.87	1.86	1.86	1.86

**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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8089.53	8089.43	8089.33	8089.22	8089.12	8089.02	8088.99	8088.97	8088.95	8088.94
1.0	8089.70	8089.53	8089.36	8089.18	8089.01	8088.85	8088.80	8088.77	8088.76	8088.75
1.5	8089.55	8089.36	8089.16	8088.95	8088.76	8088.58	8088.54	8088.53	8088.52	8088.53
2.0	8089.30	8089.10	8088.89	8088.69	8088.49	8088.31	8088.28	8088.27	8088.28	8088.30
2.5	8089.21	8089.01	8088.80	8088.59	8088.38	8088.19	8088.13	8088.08	8088.05	8088.03
3.0	8089.07	8088.87	8088.66	8088.45	8088.24	8088.04	8087.95	8087.87	8087.81	8087.77
3.5	8088.63	8088.43	8088.22	8088.02	8087.82	8087.64	8087.58	8087.55	8087.53	8087.53
4.0	8088.18	8087.98	8087.78	8087.58	8087.40	8087.24	8087.23	8087.24	8087.28	8087.33
4.5	8087.96	8087.75	8087.55	8087.35	8087.17	8087.00	8087.01	8087.04	8087.09	8087.16
5.0	8087.93	8087.73	8087.52	8087.32	8087.14	8086.97	8086.97	8087.00	8087.04	8087.10
5.5	8088.18	8088.00	8087.81	8087.63	8087.45	8087.29	8087.26	8087.24	8087.23	8087.24
6.0	8088.62	8088.45	8088.28	8088.11	8087.94	8087.79	8087.71	8087.65	8087.59	8087.55
6.5	8089.09	8088.91	8088.73	8088.54	8088.36	8088.20	8088.11	8088.04	8087.98	8087.93
7.0	8089.85	8089.65	8089.45	8089.25	8089.05	8088.87	8088.78	8088.71	8088.65	8088.61
7.5	8091.14	8090.94	8090.74	8090.54	8090.35	8090.16	8090.06	8089.98	8089.91	8089.85
8.0	8092.81	8092.62	8092.42	8092.22	8092.02	8091.83	8091.72	8091.62	8091.54	8091.47
8.5	8094.77	8094.56	8094.33	8094.10	8093.88	8093.66	8093.55	8093.45	8093.36	8093.28
9.0	8097.10	8096.87	8096.63	8096.39	8096.15	8095.91	8095.80	8095.69	8095.61	8095.53
9.5	8099.80	8099.61	8099.41	8099.20	8098.99	8098.79	8098.68	8098.58	8098.49	8098.42
10.0	8102.97	8102.82	8102.66	8102.50	8102.33	8102.16	8102.07	8101.98	8101.91	8101.84
10.5	8106.69	8106.56	8106.41	8106.27	8106.12	8105.97	8105.91	8105.85	8105.80	8105.76
11.0	8110.96	8110.82	8110.68	8110.53	8110.39	8110.25	8110.21	8110.19	8110.17	8110.16
11.5	8115.82	8115.66	8115.50	8115.33	8115.16	8115.01	8115.00	8115.00	8115.01	8115.03
12.0	8121.20	8121.01	8120.81	8120.61	8120.42	8120.24	8120.24	8120.26	8120.29	8120.33
12.5	8126.98	8126.77	8126.55	8126.33	8126.11	8125.91	8125.91	8125.93	8125.96	8126.00
13.0	8133.33	8133.08	8132.82	8132.56	8132.31	8132.08	8132.06	8132.06	8132.09	8132.12
13.5	8140.49	8140.16	8139.81	8139.46	8139.12	8138.80	8138.75	8138.74	8138.75	8138.78
14.0	8148.01	8147.61	8147.19	8146.76	8146.35	8145.95	8145.88	8145.85	8145.84	8145.86
14.5	8155.33	8154.95	8154.55	8154.14	8153.74	8153.37	8153.29	8153.25	8153.23	8153.24
15.0	8163.01	8162.67	8162.30	8161.93	8161.56	8161.22	8161.15	8161.11	8161.09	8161.10
15.5	8171.48	8171.13	8170.75	8170.37	8169.99	8169.63	8169.58	8169.55	8169.56	8169.58
16.0	8180.63	8180.25	8179.84	8179.43	8179.02	8178.64	8178.61	8178.61	8178.64	8178.69
16.5	8190.61	8190.18	8189.73	8189.27	8188.82	8188.41	8188.39	8188.41	8188.47	8188.55
17.0	8201.03	8200.57	8200.09	8199.60	8199.13	8198.70	8198.69	8198.74	8198.81	8198.92
17.5	8211.35	8210.96	8210.54	8210.12	8209.71	8209.33	8209.35	8209.40	8209.49	8209.59
18.0	8222.17	8221.81	8221.43	8221.04	8220.66	8220.30	8220.34	8220.40	8220.50	8220.61
18.5	8234.01	8233.48	8232.92	8232.37	8231.83	8231.35	8231.40	8231.51	8231.66	8231.84
19.0	8246.62	8245.90	8245.15	8244.40	8243.69	8243.05	8243.09	8243.21	8243.39	8243.61
19.5	8259.97	8259.20	8258.39	8257.57	8256.79	8256.06	8255.99	8256.00	8256.08	8256.20
20.0	8274.02	8273.22	8272.37	8271.52	8270.68	8269.90	8269.73	8269.64	8269.60	8269.62
20.5	8288.66	8287.81	8286.91	8286.00	8285.12	8284.30	8284.17	8284.12	8284.13	8284.20

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**CANDELA TABULATION - (Cont.)**

21.0	8304.06	8303.10	8302.11	8301.11	8300.14	8299.24	8299.13	8299.11	8299.17	8299.27
21.5	8320.35	8319.18	8317.97	8316.76	8315.58	8314.48	8314.21	8314.04	8313.96	8313.95
22.0	8337.49	8336.09	8334.63	8333.17	8331.75	8330.42	8329.95	8329.60	8329.36	8329.21
22.5	8355.33	8353.74	8352.10	8350.45	8348.86	8347.35	8346.76	8346.30	8345.96	8345.72
23.0	8374.29	8372.51	8370.68	8368.85	8367.08	8365.41	8364.72	8364.17	8363.75	8363.45
23.5	8395.02	8392.97	8390.86	8388.77	8386.74	8384.84	8384.05	8383.44	8382.98	8382.66
24.0	8416.74	8414.48	8412.16	8409.86	8407.63	8405.54	8404.68	8404.00	8403.50	8403.16
24.5	8438.45	8436.21	8433.92	8431.65	8429.46	8427.41	8426.49	8425.75	8425.18	8424.77
25.0	8461.56	8459.35	8457.10	8454.88	8452.73	8450.72	8449.73	8448.90	8448.25	8447.75
25.5	8487.51	8485.11	8482.68	8480.27	8477.93	8475.74	8474.60	8473.66	8472.88	8472.28
26.0	8515.21	8512.60	8509.95	8507.31	8504.76	8502.35	8501.08	8500.00	8499.12	8498.42
26.5	8543.92	8541.20	8538.44	8535.69	8533.03	8530.52	8529.16	8528.01	8527.06	8526.31
27.0	8574.03	8571.24	8568.41	8565.59	8562.86	8560.28	8558.87	8557.68	8556.70	8555.92
27.5	8605.66	8602.79	8599.87	8596.97	8594.16	8591.51	8590.09	8588.90	8587.92	8587.16
28.0	8638.97	8636.06	8633.09	8630.14	8627.29	8624.60	8623.21	8622.05	8621.11	8620.38
28.5	8674.53	8671.65	8668.70	8665.78	8662.94	8660.27	8658.94	8657.84	8656.96	8656.30
29.0	8711.22	8708.43	8705.59	8702.76	8700.02	8697.44	8696.20	8695.18	8694.38	8693.79
29.5	8748.00	8745.44	8742.82	8740.23	8737.71	8735.35	8734.23	8733.31	8732.60	8732.08
30.0	8785.15	8782.85	8780.49	8778.15	8775.89	8773.76	8772.75	8771.94	8771.32	8770.87
30.5	8823.01	8820.89	8818.69	8816.50	8814.37	8812.36	8811.44	8810.70	8810.14	8809.74
31.0	8860.39	8858.47	8856.47	8854.45	8852.46	8850.58	8849.75	8849.09	8848.59	8848.23
31.5	8896.42	8894.85	8893.17	8891.45	8889.75	8888.11	8887.48	8886.99	8886.62	8886.36
32.0	8930.44	8929.27	8927.97	8926.58	8925.17	8923.79	8923.31	8922.91	8922.59	8922.35
32.5	8962.30	8961.55	8960.60	8959.51	8958.34	8957.12	8956.55	8955.99	8955.46	8954.96
33.0	8989.64	8989.28	8988.65	8987.83	8986.84	8985.74	8985.02	8984.25	8983.45	8982.62
33.5	9010.57	9010.46	9010.04	9009.36	9008.47	9007.42	9006.62	9005.71	9004.72	9003.66
34.0	9023.52	9023.67	9023.48	9022.99	9022.25	9021.29	9020.45	9019.47	9018.35	9017.11
34.5	9026.43	9027.08	9027.36	9027.31	9026.94	9026.31	9025.59	9024.64	9023.50	9022.19
35.0	9018.92	9020.01	9020.70	9021.03	9021.01	9020.67	9020.06	9019.18	9018.05	9016.68
35.5	9000.86	9001.98	9002.67	9002.96	9002.87	9002.45	9001.87	9001.00	8999.86	8998.46
36.0	8969.43	8970.57	8971.25	8971.50	8971.35	8970.84	8970.20	8969.26	8968.04	8966.55
36.5	8921.66	8923.20	8924.25	8924.85	8924.99	8924.72	8923.84	8922.59	8921.02	8919.15
37.0	8857.97	8859.96	8861.46	8862.48	8863.01	8863.06	8862.00	8860.51	8858.65	8856.47
37.5	8778.11	8780.38	8782.17	8783.47	8784.30	8784.64	8783.74	8782.41	8780.69	8778.65
38.0	8681.14	8683.61	8685.63	8687.19	8688.29	8688.91	8688.30	8687.25	8685.82	8684.06
38.5	8565.35	8567.93	8570.11	8571.87	8573.20	8574.09	8573.73	8572.95	8571.81	8570.34
39.0	8432.78	8435.52	8437.92	8439.94	8441.57	8442.78	8442.60	8442.03	8441.10	8439.86
39.5	8285.30	8288.49	8291.37	8293.90	8296.03	8297.71	8297.51	8296.87	8295.86	8294.52
40.0	8121.71	8125.39	8128.80	8131.87	8134.53	8136.72	8136.51	8135.82	8134.73	8133.31
40.5	7940.19	7944.21	7948.02	7951.54	7954.67	7957.34	7957.41	7957.00	7956.19	7955.05
41.0	7744.48	7748.72	7752.79	7756.62	7760.10	7763.16	7763.54	7763.46	7762.99	7762.21
41.5	7537.97	7542.10	7546.10	7549.90	7553.40	7556.50	7557.03	7557.15	7556.91	7556.39
42.0	7319.94	7324.03	7328.04	7331.87	7335.44	7338.65	7339.28	7339.51	7339.42	7339.07
42.5	7089.63	7094.28	7098.89	7103.34	7107.53	7111.32	7112.08	7112.40	7112.36	7112.02
43.0	6850.52	6855.81	6861.10	6866.23	6871.08	6875.49	6876.28	6876.56	6876.43	6875.96
43.5	6605.61	6611.23	6616.85	6622.31	6627.44	6632.09	6632.62	6632.60	6632.13	6631.31
44.0	6355.59	6361.43	6367.26	6372.90	6378.19	6382.95	6383.18	6382.81	6381.96	6380.74
44.5	6102.37	6108.41	6114.42	6120.22	6125.63	6130.47	6130.53	6129.95	6128.86	6127.36
45.0	5845.36	5851.50	5857.60	5863.48	5868.95	5873.83	5873.83	5873.16	5871.95	5870.30
45.5	5583.03	5589.07	5595.10	5600.93	5606.38	5611.26	5611.38	5610.84	5609.77	5608.27
46.0	5320.08	5326.00	5331.94	5337.72	5343.14	5348.03	5348.28	5347.90	5347.01	5345.71
46.5	5060.94	5066.97	5073.03	5078.91	5084.44	5089.42	5089.68	5089.31	5088.41	5087.09
47.0	4804.90	4810.99	4817.09	4823.01	4828.56	4833.55	4833.78	4833.35	4832.40	4831.02
47.5	4552.36	4558.18	4563.99	4569.61	4574.87	4579.59	4579.73	4579.25	4578.25	4576.85
48.0	4304.42	4309.86	4315.29	4320.53	4325.41	4329.76	4329.79	4329.23	4328.17	4326.73
48.5	4062.91	4068.05	4073.14	4078.03	4082.56	4086.56	4086.34	4085.54	4084.26	4082.60



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**CANDELA TABULATION - (Cont.)**

49.0	3826.03	3830.89	3835.71	3840.34	3844.63	3848.41	3848.15	3847.33	3846.06	3844.44
49.5	3590.03	3594.67	3599.38	3604.02	3608.44	3612.48	3613.04	3613.14	3612.87	3612.28
50.0	3362.63	3367.08	3371.68	3376.30	3380.79	3385.01	3386.22	3387.07	3387.59	3387.84
50.5	3152.53	3156.72	3161.00	3165.22	3169.25	3172.94	3173.43	3173.50	3173.23	3172.67
51.0	2953.16	2957.11	2961.03	2964.80	2968.29	2971.36	2970.95	2970.07	2968.81	2967.25
51.5	2760.18	2763.90	2767.58	2771.10	2774.34	2777.16	2776.73	2775.84	2774.58	2773.03
52.0	2575.66	2579.18	2582.65	2585.99	2589.07	2591.77	2591.54	2590.88	2589.88	2588.61
52.5	2399.86	2403.18	2406.48	2409.67	2412.61	2415.23	2415.10	2414.59	2413.76	2412.67
53.0	2233.90	2237.04	2240.18	2243.21	2246.03	2248.55	2248.49	2248.07	2247.35	2246.39
53.5	2079.83	2082.83	2085.81	2088.68	2091.33	2093.67	2093.52	2093.00	2092.19	2091.14
54.0	1935.16	1937.95	1940.72	1943.36	1945.79	1947.92	1947.65	1947.03	1946.13	1945.00
54.5	1797.73	1800.00	1802.25	1804.42	1806.43	1808.20	1807.90	1807.34	1806.56	1805.60
55.0	1668.64	1670.55	1672.48	1674.35	1676.09	1677.64	1677.41	1676.97	1676.35	1675.60
55.5	1548.72	1551.28	1553.83	1556.28	1558.57	1560.59	1560.64	1560.39	1559.89	1559.18
56.0	1436.60	1439.60	1442.57	1445.41	1448.04	1450.36	1450.59	1450.47	1450.04	1449.35
56.5	1331.26	1333.06	1334.82	1336.49	1338.01	1339.32	1339.27	1338.99	1338.52	1337.88
57.0	1232.39	1232.93	1233.45	1233.91	1234.29	1234.58	1234.21	1233.74	1233.20	1232.60
57.5	1138.93	1139.70	1140.43	1141.12	1141.71	1142.20	1141.85	1141.39	1140.84	1140.23
58.0	1052.00	1053.27	1054.51	1055.69	1056.76	1057.68	1057.44	1057.04	1056.50	1055.86
58.5	972.89	974.13	975.35	976.49	977.53	978.42	978.18	977.79	977.26	976.63
59.0	900.00	901.09	902.15	903.15	904.05	904.82	904.59	904.23	903.75	903.18
59.5	832.03	832.98	833.91	834.80	835.61	836.31	836.19	835.95	835.62	835.21
60.0	769.34	770.16	770.99	771.78	772.51	773.17	773.16	773.07	772.89	772.66
60.5	712.10	712.88	713.67	714.43	715.14	715.79	715.87	715.86	715.79	715.66
61.0	659.58	660.33	661.09	661.83	662.53	663.18	663.31	663.37	663.37	663.32
61.5	611.18	611.85	612.52	613.18	613.82	614.40	614.56	614.66	614.72	614.73
62.0	566.72	567.30	567.90	568.48	569.05	569.58	569.75	569.88	569.98	570.04
62.5	525.92	526.48	527.05	527.62	528.18	528.71	528.91	529.07	529.20	529.30
63.0	488.48	489.01	489.55	490.11	490.65	491.17	491.39	491.59	491.75	491.89
63.5	453.98	454.41	454.86	455.33	455.79	456.24	456.51	456.76	456.99	457.20
64.0	422.42	422.76	423.11	423.48	423.85	424.23	424.51	424.79	425.07	425.34
64.5	394.10	394.39	394.69	394.99	395.30	395.60	395.81	396.02	396.22	396.42
65.0	367.77	368.02	368.28	368.55	368.82	369.08	369.26	369.44	369.61	369.78
65.5	341.83	342.05	342.29	342.56	342.86	343.18	343.55	343.94	344.34	344.75
66.0	317.59	317.79	318.03	318.31	318.64	319.02	319.57	320.16	320.77	321.40
66.5	296.16	296.35	296.59	296.87	297.19	297.55	298.02	298.52	299.04	299.57
67.0	276.57	276.76	276.99	277.25	277.54	277.86	278.20	278.57	278.94	279.34
67.5	258.20	258.35	258.52	258.73	258.97	259.24	259.59	259.97	260.37	260.78
68.0	241.16	241.26	241.39	241.55	241.74	241.98	242.36	242.77	243.21	243.66
68.5	225.35	225.45	225.59	225.75	225.95	226.18	226.54	226.94	227.36	227.80
69.0	210.70	210.82	210.97	211.15	211.36	211.60	211.95	212.32	212.72	213.14
69.5	197.12	197.24	197.40	197.58	197.80	198.04	198.38	198.74	199.13	199.53
70.0	184.58	184.70	184.85	185.03	185.25	185.49	185.83	186.20	186.58	186.98
70.5	173.04	173.14	173.27	173.44	173.64	173.88	174.26	174.67	175.10	175.55
71.0	162.47	162.54	162.65	162.79	162.97	163.20	163.60	164.04	164.51	164.99
71.5	152.85	152.90	152.99	153.11	153.26	153.45	153.80	154.18	154.58	155.01
72.0	144.04	144.08	144.15	144.24	144.37	144.53	144.81	145.12	145.46	145.81
72.5	135.91	135.94	136.00	136.08	136.20	136.34	136.63	136.94	137.28	137.63
73.0	128.40	128.42	128.47	128.55	128.65	128.79	129.09	129.41	129.75	130.12
73.5	121.43	121.45	121.48	121.55	121.64	121.77	122.04	122.34	122.67	123.01
74.0	114.91	114.92	114.95	115.00	115.08	115.19	115.44	115.72	116.02	116.34
74.5	108.73	108.73	108.75	108.80	108.86	108.96	109.21	109.48	109.78	110.09
75.0	102.84	102.83	102.84	102.88	102.94	103.03	103.28	103.55	103.84	104.16
75.5	97.10	97.10	97.12	97.16	97.23	97.32	97.57	97.84	98.13	98.44
76.0	91.57	91.58	91.60	91.65	91.71	91.81	92.06	92.33	92.62	92.92
76.5	86.23	86.23	86.25	86.28	86.34	86.43	86.68	86.95	87.24	87.55

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**CANDELA TABULATION - (Cont.)**

77.0	81.08	81.07	81.07	81.10	81.15	81.23	81.47	81.74	82.03	82.34
77.5	76.11	76.09	76.10	76.12	76.16	76.24	76.47	76.73	77.01	77.30
78.0	71.28	71.26	71.26	71.28	71.32	71.39	71.61	71.86	72.12	72.40
78.5	66.54	66.52	66.52	66.53	66.57	66.62	66.83	67.06	67.31	67.57
79.0	61.92	61.90	61.89	61.89	61.92	61.96	62.15	62.37	62.60	62.84
79.5	57.45	57.42	57.40	57.39	57.40	57.43	57.61	57.81	58.02	58.24
80.0	53.03	52.99	52.96	52.94	52.94	52.96	53.11	53.29	53.48	53.68
80.5	48.57	48.53	48.49	48.46	48.45	48.45	48.58	48.73	48.89	49.07
81.0	44.09	44.04	43.99	43.96	43.93	43.92	44.03	44.15	44.28	44.43
81.5	39.54	39.47	39.41	39.36	39.31	39.28	39.36	39.46	39.57	39.70
82.0	35.02	34.94	34.87	34.80	34.73	34.69	34.75	34.83	34.92	35.02
82.5	30.61	30.53	30.45	30.38	30.31	30.26	30.30	30.36	30.42	30.50
83.0	26.35	26.28	26.21	26.14	26.08	26.02	26.05	26.08	26.12	26.17
83.5	22.39	22.33	22.27	22.21	22.16	22.11	22.11	22.12	22.14	22.16
84.0	18.58	18.54	18.49	18.45	18.40	18.36	18.35	18.35	18.34	18.35
84.5	14.76	14.72	14.69	14.65	14.61	14.58	14.58	14.59	14.60	14.61
85.0	11.11	11.09	11.07	11.05	11.03	11.01	11.02	11.04	11.06	11.08
85.5	7.63	7.66	7.68	7.70	7.72	7.74	7.74	7.73	7.73	7.72
86.0	4.76	4.82	4.88	4.94	4.99	5.03	5.02	4.99	4.96	4.92
86.5	3.09	3.13	3.18	3.21	3.25	3.28	3.27	3.25	3.23	3.21
87.0	2.18	2.19	2.20	2.21	2.21	2.22	2.22	2.22	2.21	2.21
87.5	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.84
88.0	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.81
88.5	1.78	1.78	1.78	1.77	1.77	1.77	1.77	1.76	1.76	1.76
89.0	1.78	1.78	1.78	1.78	1.77	1.77	1.77	1.77	1.76	1.76
89.5	1.80	1.80	1.80	1.80	1.79	1.79	1.79	1.79	1.79	1.79
90.0	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.86	1.86

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

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8088.94	8088.94	8088.95	8088.96	8088.96	8088.96	8088.95	8088.95	8088.94	8088.94
1.0	8088.75	8088.76	8088.78	8088.80	8088.82	8088.81	8088.81	8088.81	8088.81	8088.82
1.5	8088.56	8088.59	8088.63	8088.67	8088.72	8088.73	8088.75	8088.76	8088.78	8088.80
2.0	8088.33	8088.38	8088.43	8088.49	8088.55	8088.59	8088.62	8088.66	8088.69	8088.73
2.5	8088.03	8088.04	8088.06	8088.10	8088.13	8088.17	8088.21	8088.26	8088.31	8088.37
3.0	8087.74	8087.72	8087.72	8087.73	8087.74	8087.78	8087.82	8087.88	8087.94	8088.01
3.5	8087.55	8087.57	8087.61	8087.65	8087.70	8087.75	8087.80	8087.85	8087.91	8087.97
4.0	8087.40	8087.47	8087.56	8087.64	8087.73	8087.78	8087.82	8087.87	8087.91	8087.95
4.5	8087.24	8087.32	8087.42	8087.51	8087.60	8087.62	8087.63	8087.64	8087.64	8087.65
5.0	8087.16	8087.24	8087.32	8087.39	8087.47	8087.45	8087.44	8087.41	8087.39	8087.36
5.5	8087.26	8087.29	8087.31	8087.35	8087.38	8087.36	8087.33	8087.31	8087.29	8087.28
6.0	8087.52	8087.49	8087.48	8087.47	8087.46	8087.44	8087.43	8087.42	8087.42	8087.42
6.5	8087.89	8087.87	8087.85	8087.84	8087.84	8087.84	8087.84	8087.84	8087.86	8087.88
7.0	8088.58	8088.56	8088.55	8088.55	8088.56	8088.56	8088.57	8088.59	8088.62	8088.65
7.5	8089.80	8089.77	8089.74	8089.73	8089.72	8089.71	8089.70	8089.70	8089.72	8089.74
8.0	8091.40	8091.35	8091.31	8091.28	8091.25	8091.22	8091.19	8091.17	8091.17	8091.17
8.5	8093.22	8093.17	8093.12	8093.09	8093.07	8093.02	8092.99	8092.97	8092.96	8092.96
9.0	8095.47	8095.42	8095.38	8095.35	8095.32	8095.28	8095.24	8095.21	8095.19	8095.19
9.5	8098.35	8098.29	8098.24	8098.20	8098.17	8098.11	8098.06	8098.02	8097.99	8097.97
10.0	8101.77	8101.71	8101.66	8101.61	8101.57	8101.50	8101.43	8101.38	8101.33	8101.29
10.5	8105.72	8105.68	8105.65	8105.62	8105.59	8105.51	8105.43	8105.36	8105.30	8105.24
11.0	8110.16	8110.15	8110.14	8110.13	8110.12	8110.03	8109.94	8109.84	8109.75	8109.66
11.5	8115.05	8115.07	8115.08	8115.08	8115.08	8114.95	8114.81	8114.66	8114.51	8114.36
12.0	8120.37	8120.41	8120.44	8120.46	8120.46	8120.30	8120.13	8119.95	8119.76	8119.57

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**CANDELA TABULATION - (Cont.)**

12.5	8126.05	8126.10	8126.15	8126.18	8126.20	8126.10	8125.99	8125.86	8125.72	8125.58
13.0	8132.17	8132.23	8132.28	8132.33	8132.37	8132.33	8132.28	8132.22	8132.14	8132.06
13.5	8138.82	8138.87	8138.93	8138.98	8139.03	8139.00	8138.95	8138.90	8138.83	8138.76
14.0	8145.89	8145.94	8145.99	8146.04	8146.09	8146.05	8146.00	8145.94	8145.87	8145.78
14.5	8153.26	8153.29	8153.33	8153.37	8153.41	8153.37	8153.32	8153.26	8153.20	8153.12
15.0	8161.12	8161.14	8161.18	8161.21	8161.24	8161.20	8161.14	8161.08	8161.01	8160.93
15.5	8169.62	8169.66	8169.71	8169.76	8169.80	8169.74	8169.67	8169.59	8169.50	8169.41
16.0	8178.75	8178.82	8178.90	8178.97	8179.03	8178.96	8178.87	8178.76	8178.65	8178.53
16.5	8188.64	8188.75	8188.85	8188.95	8189.04	8188.96	8188.86	8188.75	8188.61	8188.47
17.0	8199.04	8199.17	8199.30	8199.42	8199.52	8199.44	8199.32	8199.19	8199.03	8198.86
17.5	8209.71	8209.83	8209.94	8210.04	8210.12	8209.99	8209.84	8209.66	8209.46	8209.24
18.0	8220.73	8220.85	8220.96	8221.06	8221.12	8220.96	8220.77	8220.56	8220.32	8220.07
18.5	8232.04	8232.25	8232.45	8232.63	8232.78	8232.63	8232.45	8232.23	8231.98	8231.72
19.0	8243.87	8244.14	8244.41	8244.67	8244.89	8244.78	8244.63	8244.44	8244.22	8243.99
19.5	8256.36	8256.54	8256.74	8256.94	8257.12	8257.08	8257.02	8256.94	8256.84	8256.71
20.0	8269.68	8269.77	8269.88	8270.00	8270.13	8270.15	8270.15	8270.15	8270.13	8270.09
20.5	8284.31	8284.44	8284.59	8284.74	8284.88	8284.81	8284.73	8284.62	8284.49	8284.33
21.0	8299.43	8299.60	8299.79	8299.97	8300.14	8300.01	8299.85	8299.67	8299.45	8299.21
21.5	8314.01	8314.12	8314.25	8314.41	8314.57	8314.58	8314.58	8314.56	8314.52	8314.47
22.0	8329.14	8329.15	8329.22	8329.33	8329.49	8329.64	8329.81	8329.98	8330.16	8330.32
22.5	8345.58	8345.52	8345.54	8345.61	8345.74	8345.88	8346.06	8346.25	8346.45	8346.65
23.0	8363.26	8363.17	8363.15	8363.21	8363.32	8363.44	8363.60	8363.78	8363.99	8364.20
23.5	8382.46	8382.38	8382.40	8382.50	8382.67	8382.86	8383.09	8383.36	8383.65	8383.96
24.0	8402.96	8402.89	8402.93	8403.07	8403.29	8403.56	8403.87	8404.24	8404.63	8405.05
24.5	8424.51	8424.38	8424.37	8424.47	8424.66	8424.96	8425.32	8425.74	8426.20	8426.70
25.0	8447.41	8447.20	8447.12	8447.15	8447.30	8447.62	8448.02	8448.49	8449.02	8449.58
25.5	8471.84	8471.55	8471.41	8471.40	8471.51	8471.86	8472.31	8472.83	8473.43	8474.08
26.0	8497.90	8497.54	8497.35	8497.31	8497.41	8497.80	8498.31	8498.92	8499.60	8500.34
26.5	8525.74	8525.36	8525.15	8525.11	8525.24	8525.74	8526.38	8527.13	8527.96	8528.86
27.0	8555.34	8554.95	8554.75	8554.73	8554.89	8555.48	8556.22	8557.08	8558.03	8559.05
27.5	8586.59	8586.22	8586.04	8586.03	8586.21	8586.75	8587.44	8588.25	8589.15	8590.14
28.0	8619.86	8619.52	8619.37	8619.39	8619.58	8620.07	8620.70	8621.44	8622.28	8623.20
28.5	8655.83	8655.56	8655.47	8655.55	8655.79	8656.34	8657.03	8657.82	8658.70	8659.65
29.0	8693.39	8693.18	8693.15	8693.29	8693.59	8694.22	8694.98	8695.83	8696.77	8697.75
29.5	8731.75	8731.59	8731.60	8731.76	8732.08	8732.72	8733.48	8734.33	8735.25	8736.21
30.0	8770.59	8770.47	8770.51	8770.69	8771.01	8771.67	8772.43	8773.28	8774.18	8775.12
30.5	8809.50	8809.42	8809.48	8809.69	8810.03	8810.79	8811.66	8812.59	8813.58	8814.57
31.0	8848.02	8847.96	8848.03	8848.24	8848.57	8849.38	8850.28	8851.25	8852.23	8853.22
31.5	8886.22	8886.19	8886.26	8886.42	8886.68	8887.33	8888.03	8888.76	8889.50	8890.20
32.0	8922.18	8922.08	8922.05	8922.07	8922.15	8922.53	8922.95	8923.36	8923.75	8924.11
32.5	8954.49	8954.05	8953.65	8953.30	8952.99	8953.10	8953.24	8953.38	8953.50	8953.59
33.0	8981.77	8980.93	8980.11	8979.31	8978.56	8978.34	8978.15	8977.97	8977.78	8977.56
33.5	9002.55	9001.40	9000.24	8999.09	8997.95	8997.33	8996.73	8996.13	8995.51	8994.85
34.0	9015.79	9014.39	9012.93	9011.44	9009.93	9008.86	9007.79	9006.69	9005.55	9004.36
34.5	9020.71	9019.10	9017.38	9015.56	9013.67	9012.05	9010.37	9008.64	9006.84	9004.99
35.0	9015.09	9013.32	9011.38	9009.29	9007.08	9004.96	9002.75	9000.44	8998.04	8995.57
35.5	8996.83	8994.99	8992.95	8990.73	8988.35	8985.94	8983.40	8980.74	8977.98	8975.12
36.0	8964.81	8962.85	8960.69	8958.35	8955.84	8953.33	8950.69	8947.92	8945.04	8942.06
36.5	8917.03	8914.70	8912.18	8909.52	8906.75	8904.47	8902.11	8899.68	8897.16	8894.54
37.0	8854.04	8851.39	8848.58	8845.67	8842.71	8840.73	8838.72	8836.68	8834.57	8832.39
37.5	8776.32	8773.78	8771.06	8768.22	8765.32	8763.40	8761.44	8759.42	8757.34	8755.15
38.0	8682.00	8679.71	8677.24	8674.62	8671.91	8670.04	8668.11	8666.10	8664.00	8661.80
38.5	8568.60	8566.63	8564.46	8562.16	8559.76	8558.09	8556.36	8554.55	8552.65	8550.64
39.0	8438.36	8436.64	8434.74	8432.71	8430.61	8429.23	8427.80	8426.32	8424.76	8423.11
39.5	8292.92	8291.12	8289.17	8287.14	8285.08	8284.13	8283.18	8282.22	8281.22	8280.17
40.0	8131.63	8129.76	8127.78	8125.75	8123.74	8123.23	8122.79	8122.37	8121.95	8121.50

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**CANDELA TABULATION - (Cont.)**

40.5	7953.65	7952.07	7950.37	7948.64	7946.94	7946.77	7946.67	7946.61	7946.55	7946.46
41.0	7761.18	7759.97	7758.65	7757.29	7755.97	7756.11	7756.31	7756.56	7756.80	7757.02
41.5	7555.65	7554.76	7553.79	7552.81	7551.87	7552.36	7552.94	7553.57	7554.22	7554.86
42.0	7338.52	7337.85	7337.11	7336.38	7335.72	7336.48	7337.35	7338.29	7339.28	7340.28
42.5	7111.46	7110.76	7109.99	7109.21	7108.51	7109.28	7110.16	7111.14	7112.18	7113.26
43.0	6875.24	6874.36	6873.39	6872.42	6871.53	6872.29	6873.18	6874.19	6875.29	6876.45
43.5	6630.24	6629.01	6627.74	6626.51	6625.43	6626.45	6627.68	6629.08	6630.61	6632.23
44.0	6379.27	6377.67	6376.05	6374.52	6373.19	6374.38	6375.84	6377.52	6379.36	6381.33
44.5	6125.58	6123.65	6121.68	6119.79	6118.10	6118.92	6120.03	6121.36	6122.88	6124.55
45.0	5868.36	5866.22	5864.02	5861.87	5859.90	5860.27	5860.90	5861.76	5862.82	5864.04
45.5	5606.47	5604.47	5602.40	5600.35	5598.45	5598.59	5598.97	5599.58	5600.38	5601.36
46.0	5344.10	5342.30	5340.40	5338.53	5336.78	5336.81	5337.07	5337.54	5338.21	5339.06
46.5	5085.47	5083.64	5081.73	5079.83	5078.06	5078.18	5078.53	5079.07	5079.80	5080.71
47.0	4829.32	4827.43	4825.46	4823.50	4821.68	4821.91	4822.37	4823.02	4823.84	4824.81
47.5	4575.14	4573.24	4571.26	4569.30	4567.48	4567.65	4568.03	4568.60	4569.34	4570.23
48.0	4325.00	4323.09	4321.10	4319.14	4317.31	4317.37	4317.64	4318.09	4318.72	4319.50
48.5	4080.68	4078.59	4076.44	4074.33	4072.38	4072.30	4072.46	4072.84	4073.42	4074.19
49.0	3842.56	3840.52	3838.44	3836.40	3834.52	3834.40	3834.51	3834.85	3835.40	3836.15
49.5	3611.46	3610.47	3609.40	3608.30	3607.26	3607.43	3607.72	3608.11	3608.62	3609.21
50.0	3387.87	3387.73	3387.46	3387.12	3386.77	3387.18	3387.61	3388.05	3388.51	3388.97
50.5	3171.90	3170.99	3169.99	3168.98	3168.01	3168.19	3168.48	3168.86	3169.32	3169.85
51.0	2965.48	2963.59	2961.66	2959.78	2958.04	2957.89	2957.95	2958.19	2958.61	2959.17
51.5	2771.27	2769.38	2767.45	2765.56	2763.78	2763.42	2763.26	2763.26	2763.44	2763.77
52.0	2587.13	2585.51	2583.82	2582.15	2580.55	2580.07	2579.74	2579.56	2579.50	2579.59
52.5	2411.39	2409.97	2408.49	2407.01	2405.58	2405.19	2404.91	2404.75	2404.71	2404.77
53.0	2245.25	2243.98	2242.65	2241.32	2240.04	2239.73	2239.53	2239.43	2239.43	2239.51
53.5	2089.91	2088.55	2087.14	2085.71	2084.33	2083.88	2083.53	2083.28	2083.14	2083.09
54.0	1943.69	1942.27	1940.79	1939.31	1937.89	1937.38	1936.97	1936.67	1936.48	1936.39
54.5	1804.53	1803.38	1802.23	1801.10	1800.06	1800.06	1800.18	1800.40	1800.71	1801.09
55.0	1674.76	1673.89	1673.02	1672.20	1671.48	1671.83	1672.29	1672.85	1673.47	1674.13
55.5	1558.31	1557.33	1556.26	1555.17	1554.09	1553.68	1553.32	1553.01	1552.75	1552.53
56.0	1448.42	1447.31	1446.06	1444.70	1443.28	1442.12	1440.97	1439.82	1438.72	1437.66
56.5	1337.11	1336.23	1335.27	1334.27	1333.26	1332.48	1331.74	1331.03	1330.38	1329.81
57.0	1231.98	1231.34	1230.71	1230.12	1229.58	1229.37	1229.24	1229.18	1229.21	1229.31
57.5	1139.57	1138.89	1138.21	1137.57	1136.98	1136.83	1136.75	1136.75	1136.81	1136.94
58.0	1055.14	1054.37	1053.58	1052.81	1052.07	1051.88	1051.76	1051.69	1051.67	1051.70
58.5	975.93	975.18	974.43	973.68	972.98	972.86	972.81	972.81	972.86	972.95
59.0	902.56	901.89	901.23	900.58	899.97	899.93	899.94	900.02	900.13	900.29
59.5	834.75	834.26	833.76	833.28	832.82	832.80	832.82	832.88	832.98	833.11
60.0	772.38	772.07	771.75	771.43	771.13	771.12	771.14	771.18	771.24	771.32
60.5	715.49	715.29	715.08	714.86	714.65	714.67	714.71	714.76	714.83	714.91
61.0	663.23	663.11	662.98	662.84	662.71	662.78	662.85	662.94	663.04	663.14
61.5	614.72	614.68	614.63	614.59	614.54	614.69	614.86	615.03	615.20	615.38
62.0	570.09	570.12	570.14	570.17	570.21	570.44	570.68	570.92	571.17	571.41
62.5	529.38	529.46	529.52	529.59	529.66	529.90	530.14	530.39	530.64	530.89
63.0	492.02	492.13	492.24	492.34	492.44	492.68	492.92	493.16	493.39	493.62
63.5	457.41	457.61	457.80	457.99	458.18	458.45	458.72	458.98	459.23	459.48
64.0	425.60	425.86	426.12	426.38	426.63	426.92	427.21	427.49	427.76	428.02
64.5	396.62	396.81	397.00	397.19	397.39	397.63	397.86	398.10	398.34	398.58
65.0	369.94	370.11	370.27	370.44	370.61	370.82	371.02	371.24	371.45	371.67
65.5	345.16	345.57	345.97	346.37	346.75	347.08	347.38	347.67	347.94	348.18
66.0	322.04	322.68	323.31	323.92	324.50	324.95	325.35	325.72	326.04	326.32
66.5	300.12	300.66	301.21	301.73	302.24	302.66	303.06	303.42	303.75	304.04
67.0	279.73	280.14	280.54	280.94	281.33	281.70	282.05	282.39	282.71	283.00
67.5	261.20	261.62	262.05	262.47	262.89	263.25	263.59	263.92	264.23	264.51
68.0	244.13	244.60	245.08	245.54	245.99	246.36	246.71	247.03	247.33	247.60

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**CANDELA TABULATION - (Cont.)**

68.5	228.25	228.71	229.17	229.62	230.07	230.44	230.79	231.12	231.43	231.72
69.0	213.56	213.99	214.42	214.85	215.27	215.65	216.00	216.34	216.66	216.96
69.5	199.94	200.35	200.77	201.19	201.59	201.95	202.29	202.61	202.92	203.20
70.0	187.40	187.81	188.23	188.65	189.05	189.39	189.72	190.02	190.31	190.58
70.5	176.02	176.48	176.95	177.41	177.85	178.20	178.53	178.84	179.12	179.37
71.0	165.49	166.00	166.50	166.99	167.46	167.81	168.14	168.44	168.71	168.95
71.5	155.45	155.89	156.33	156.77	157.19	157.50	157.79	158.07	158.32	158.55
72.0	146.18	146.55	146.93	147.30	147.66	147.93	148.19	148.44	148.67	148.89
72.5	138.00	138.37	138.74	139.11	139.47	139.74	139.99	140.23	140.45	140.67
73.0	130.50	130.88	131.27	131.64	132.01	132.29	132.54	132.78	133.01	133.21
73.5	123.37	123.73	124.10	124.46	124.81	125.10	125.36	125.62	125.85	126.07
74.0	116.67	117.01	117.36	117.70	118.04	118.33	118.60	118.86	119.11	119.34
74.5	110.42	110.75	111.09	111.43	111.76	112.03	112.28	112.53	112.75	112.96
75.0	104.48	104.82	105.15	105.48	105.80	106.05	106.29	106.51	106.71	106.89
75.5	98.76	99.09	99.41	99.73	100.05	100.28	100.50	100.71	100.89	101.06
76.0	93.24	93.56	93.88	94.19	94.50	94.72	94.93	95.12	95.30	95.45
76.5	87.87	88.19	88.51	88.82	89.13	89.34	89.54	89.72	89.88	90.03
77.0	82.65	82.98	83.30	83.61	83.91	84.12	84.30	84.47	84.62	84.76
77.5	77.61	77.92	78.22	78.52	78.81	79.00	79.17	79.32	79.46	79.58
78.0	72.69	72.98	73.27	73.55	73.81	73.99	74.14	74.28	74.40	74.51
78.5	67.84	68.12	68.39	68.65	68.90	69.06	69.21	69.33	69.44	69.54
79.0	63.10	63.35	63.60	63.85	64.08	64.23	64.36	64.47	64.57	64.65
79.5	58.48	58.71	58.94	59.17	59.38	59.51	59.62	59.71	59.80	59.86
80.0	53.89	54.10	54.31	54.52	54.71	54.82	54.92	55.00	55.07	55.13
80.5	49.25	49.43	49.62	49.80	49.97	50.08	50.18	50.27	50.35	50.41
81.0	44.58	44.74	44.89	45.05	45.20	45.31	45.42	45.51	45.60	45.67
81.5	39.83	39.96	40.10	40.24	40.37	40.47	40.56	40.65	40.72	40.79
82.0	35.13	35.24	35.36	35.48	35.59	35.67	35.74	35.81	35.87	35.92
82.5	30.58	30.67	30.75	30.84	30.92	30.98	31.03	31.07	31.11	31.13
83.0	26.23	26.28	26.34	26.40	26.45	26.49	26.51	26.53	26.55	26.56
83.5	22.19	22.21	22.24	22.27	22.30	22.32	22.34	22.36	22.37	22.38
84.0	18.35	18.36	18.37	18.38	18.39	18.40	18.42	18.43	18.45	18.45
84.5	14.62	14.64	14.65	14.66	14.68	14.69	14.69	14.70	14.70	14.69
85.0	11.10	11.12	11.14	11.15	11.17	11.17	11.17	11.16	11.15	11.14
85.5	7.70	7.69	7.68	7.66	7.65	7.64	7.64	7.63	7.63	7.62
86.0	4.88	4.84	4.79	4.75	4.71	4.70	4.70	4.69	4.69	4.69
86.5	3.18	3.15	3.12	3.09	3.05	3.04	3.03	3.02	3.01	3.01
87.0	2.20	2.19	2.18	2.17	2.16	2.15	2.13	2.12	2.10	2.09
87.5	1.84	1.84	1.83	1.83	1.82	1.81	1.80	1.79	1.78	1.77
88.0	1.81	1.80	1.80	1.80	1.79	1.79	1.79	1.79	1.78	1.78
88.5	1.75	1.75	1.75	1.74	1.74	1.74	1.74	1.74	1.74	1.74
89.0	1.76	1.76	1.75	1.75	1.75	1.75	1.75	1.75	1.76	1.76
89.5	1.79	1.79	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
90.0	1.87	1.87	1.88	1.88	1.89	1.89	1.88	1.88	1.88	1.88

**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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8088.94	8088.95	8088.96	8088.97	8089.01	8089.05	8089.09	8089.13	8089.17	8089.21
1.0	8088.83	8088.84	8088.85	8088.87	8088.93	8088.99	8089.05	8089.11	8089.17	8089.22
1.5	8088.82	8088.84	8088.86	8088.88	8088.93	8088.97	8089.02	8089.06	8089.10	8089.14
2.0	8088.76	8088.79	8088.83	8088.86	8088.89	8088.93	8088.96	8088.98	8089.01	8089.03
2.5	8088.42	8088.48	8088.55	8088.61	8088.68	8088.75	8088.82	8088.89	8088.95	8089.00
3.0	8088.08	8088.16	8088.25	8088.33	8088.44	8088.54	8088.64	8088.74	8088.83	8088.90
3.5	8088.03	8088.10	8088.16	8088.22	8088.29	8088.36	8088.43	8088.49	8088.55	8088.59

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**CANDELA TABULATION - (Cont.)**

4.0	8087.98	8088.02	8088.05	8088.08	8088.11	8088.14	8088.17	8088.19	8088.21	8088.22
4.5	8087.65	8087.65	8087.65	8087.65	8087.68	8087.71	8087.74	8087.77	8087.80	8087.83
5.0	8087.33	8087.31	8087.29	8087.28	8087.32	8087.38	8087.44	8087.50	8087.56	8087.61
5.5	8087.26	8087.26	8087.26	8087.27	8087.36	8087.46	8087.55	8087.65	8087.75	8087.84
6.0	8087.44	8087.46	8087.49	8087.54	8087.66	8087.80	8087.93	8088.06	8088.19	8088.31
6.5	8087.92	8087.96	8088.01	8088.07	8088.21	8088.35	8088.49	8088.62	8088.76	8088.88
7.0	8088.70	8088.75	8088.81	8088.88	8089.01	8089.15	8089.29	8089.43	8089.56	8089.68
7.5	8089.77	8089.81	8089.87	8089.93	8090.07	8090.22	8090.37	8090.52	8090.67	8090.80
8.0	8091.19	8091.22	8091.26	8091.32	8091.48	8091.64	8091.81	8091.98	8092.15	8092.30
8.5	8092.98	8093.01	8093.06	8093.12	8093.31	8093.51	8093.72	8093.92	8094.12	8094.31
9.0	8095.21	8095.24	8095.29	8095.36	8095.58	8095.80	8096.04	8096.27	8096.50	8096.71
9.5	8097.97	8097.99	8098.03	8098.09	8098.30	8098.52	8098.75	8098.98	8099.20	8099.41
10.0	8101.28	8101.27	8101.29	8101.33	8101.51	8101.71	8101.91	8102.12	8102.32	8102.51
10.5	8105.20	8105.17	8105.15	8105.16	8105.30	8105.45	8105.62	8105.78	8105.95	8106.10
11.0	8109.59	8109.52	8109.47	8109.43	8109.52	8109.63	8109.75	8109.87	8109.99	8110.11
11.5	8114.22	8114.09	8113.98	8113.88	8113.94	8114.02	8114.10	8114.20	8114.31	8114.41
12.0	8119.39	8119.22	8119.06	8118.92	8118.92	8118.96	8119.00	8119.06	8119.13	8119.20
12.5	8125.44	8125.29	8125.15	8125.02	8124.94	8124.87	8124.81	8124.76	8124.72	8124.69
13.0	8131.97	8131.87	8131.76	8131.65	8131.48	8131.31	8131.14	8130.98	8130.83	8130.69
13.5	8138.67	8138.57	8138.46	8138.33	8138.12	8137.90	8137.68	8137.47	8137.27	8137.09
14.0	8145.69	8145.58	8145.46	8145.33	8145.10	8144.86	8144.62	8144.39	8144.18	8143.98
14.5	8153.03	8152.93	8152.82	8152.69	8152.48	8152.26	8152.04	8151.83	8151.63	8151.45
15.0	8160.85	8160.75	8160.65	8160.53	8160.35	8160.16	8159.98	8159.80	8159.63	8159.48
15.5	8169.30	8169.19	8169.08	8168.96	8168.81	8168.66	8168.51	8168.37	8168.24	8168.12
16.0	8178.40	8178.26	8178.12	8177.99	8177.85	8177.71	8177.58	8177.46	8177.36	8177.26
16.5	8188.31	8188.15	8187.98	8187.80	8187.61	8187.42	8187.24	8187.06	8186.90	8186.76
17.0	8198.68	8198.48	8198.27	8198.06	8197.81	8197.56	8197.31	8197.08	8196.87	8196.68
17.5	8209.01	8208.77	8208.53	8208.28	8208.03	8207.79	8207.55	8207.34	8207.14	8206.96
18.0	8219.80	8219.53	8219.26	8218.99	8218.75	8218.53	8218.32	8218.13	8217.96	8217.81
18.5	8231.44	8231.16	8230.87	8230.59	8230.37	8230.16	8229.96	8229.79	8229.63	8229.50
19.0	8243.73	8243.46	8243.19	8242.92	8242.70	8242.48	8242.28	8242.10	8241.93	8241.79
19.5	8256.57	8256.41	8256.24	8256.05	8255.78	8255.50	8255.23	8254.96	8254.71	8254.48
20.0	8270.03	8269.95	8269.85	8269.72	8269.39	8269.05	8268.69	8268.34	8268.00	8267.69
20.5	8284.16	8283.97	8283.75	8283.52	8283.14	8282.75	8282.36	8281.99	8281.63	8281.31
21.0	8298.94	8298.66	8298.36	8298.04	8297.63	8297.22	8296.81	8296.42	8296.06	8295.73
21.5	8314.39	8314.28	8314.15	8313.98	8313.56	8313.12	8312.67	8312.22	8311.79	8311.40
22.0	8330.46	8330.57	8330.64	8330.67	8330.29	8329.86	8329.41	8328.96	8328.50	8328.08
22.5	8346.85	8347.02	8347.16	8347.26	8347.02	8346.75	8346.45	8346.14	8345.83	8345.53
23.0	8364.42	8364.63	8364.82	8364.99	8364.92	8364.81	8364.69	8364.55	8364.41	8364.27
23.5	8384.27	8384.58	8384.88	8385.15	8385.17	8385.17	8385.13	8385.08	8385.01	8384.94
24.0	8405.47	8405.89	8406.30	8406.68	8406.80	8406.88	8406.93	8406.95	8406.95	8406.93
24.5	8427.21	8427.72	8428.23	8428.71	8428.97	8429.19	8429.37	8429.52	8429.64	8429.73
25.0	8450.18	8450.79	8451.39	8451.98	8452.36	8452.71	8453.02	8453.29	8453.53	8453.72
25.5	8474.76	8475.45	8476.15	8476.83	8477.28	8477.70	8478.07	8478.41	8478.69	8478.93
26.0	8501.12	8501.92	8502.72	8503.50	8504.02	8504.49	8504.92	8505.30	8505.63	8505.89
26.5	8529.80	8530.77	8531.72	8532.65	8533.27	8533.84	8534.35	8534.81	8535.19	8535.51
27.0	8560.12	8561.21	8562.30	8563.35	8564.09	8564.76	8565.37	8565.91	8566.37	8566.76
27.5	8591.17	8592.25	8593.32	8594.39	8595.25	8596.08	8596.84	8597.54	8598.16	8598.69
28.0	8624.18	8625.19	8626.22	8627.25	8628.18	8629.08	8629.92	8630.71	8631.41	8632.03
28.5	8660.64	8661.66	8662.68	8663.68	8664.46	8665.19	8665.86	8666.46	8667.00	8667.45
29.0	8698.77	8699.79	8700.79	8701.75	8702.32	8702.83	8703.26	8703.64	8703.94	8704.18
29.5	8737.20	8738.18	8739.14	8740.05	8740.54	8740.96	8741.31	8741.60	8741.83	8741.99
30.0	8776.07	8777.01	8777.91	8778.75	8779.12	8779.40	8779.62	8779.77	8779.86	8779.91
30.5	8815.56	8816.51	8817.39	8818.17	8818.20	8818.12	8817.96	8817.73	8817.45	8817.14
31.0	8854.17	8855.05	8855.83	8856.47	8856.10	8855.59	8854.99	8854.32	8853.62	8852.91
31.5	8890.86	8891.42	8891.88	8892.20	8891.43	8890.53	8889.55	8888.52	8887.48	8886.49

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**CANDELA TABULATION - (Cont.)**

32.0	8924.39	8924.59	8924.67	8924.61	8923.46	8922.20	8920.86	8919.51	8918.18	8916.93
32.5	8953.61	8953.54	8953.37	8953.06	8951.60	8950.04	8948.43	8946.81	8945.25	8943.79
33.0	8977.28	8976.92	8976.45	8975.87	8974.08	8972.20	8970.29	8968.39	8966.58	8964.90
33.5	8994.13	8993.33	8992.43	8991.42	8989.17	8986.85	8984.52	8982.24	8980.08	8978.10
34.0	9003.11	9001.78	9000.36	8998.83	8996.09	8993.29	8990.51	8987.83	8985.31	8983.01
34.5	9003.06	9001.06	8998.99	8996.84	8993.59	8990.33	8987.14	8984.09	8981.25	8978.70
35.0	8993.02	8990.41	8987.74	8985.01	8981.29	8977.61	8974.03	8970.63	8967.49	8964.68
35.5	8972.18	8969.17	8966.10	8962.97	8958.87	8954.80	8950.86	8947.14	8943.70	8940.63
36.0	8938.99	8935.83	8932.60	8929.31	8924.89	8920.52	8916.26	8912.23	8908.51	8905.19
36.5	8891.83	8889.02	8886.11	8883.08	8878.50	8873.89	8869.38	8865.07	8861.06	8857.44
37.0	8830.10	8827.70	8825.16	8822.45	8817.76	8813.00	8808.29	8803.76	8799.50	8795.64
37.5	8752.86	8750.42	8747.83	8745.06	8740.19	8735.25	8730.34	8725.61	8721.17	8717.13
38.0	8659.46	8656.98	8654.34	8651.52	8646.66	8641.74	8636.85	8632.14	8627.71	8623.70
38.5	8548.52	8546.28	8543.89	8541.35	8537.04	8532.68	8528.36	8524.20	8520.29	8516.75
39.0	8421.37	8419.52	8417.55	8415.44	8411.83	8408.17	8404.53	8401.03	8397.74	8394.75
39.5	8279.03	8277.79	8276.42	8274.90	8271.78	8268.56	8265.35	8262.22	8259.27	8256.56
40.0	8120.98	8120.35	8119.59	8118.66	8116.00	8113.21	8110.39	8107.60	8104.94	8102.49
40.5	7946.30	7946.05	7945.66	7945.10	7942.92	7940.61	7938.25	7935.90	7933.64	7931.54
41.0	7757.18	7757.25	7757.20	7756.99	7755.37	7753.62	7751.80	7749.97	7748.20	7746.53
41.5	7555.46	7555.99	7556.42	7556.71	7555.85	7554.86	7553.79	7552.69	7551.58	7550.52
42.0	7341.26	7342.20	7343.06	7343.81	7343.68	7343.45	7343.12	7342.72	7342.29	7341.83
42.5	7114.35	7115.42	7116.44	7117.39	7117.77	7118.06	7118.27	7118.41	7118.48	7118.49
43.0	6877.64	6878.84	6880.02	6881.16	6881.90	6882.57	6883.17	6883.68	6884.12	6884.46
43.5	6633.90	6635.58	6637.24	6638.83	6639.81	6640.68	6641.45	6642.10	6642.65	6643.08
44.0	6383.37	6385.42	6387.44	6389.39	6390.53	6391.54	6392.42	6393.17	6393.78	6394.26
44.5	6126.31	6128.13	6129.95	6131.74	6133.00	6134.16	6135.22	6136.17	6136.99	6137.69
45.0	5865.38	5866.82	5868.32	5869.86	5871.29	5872.69	5874.04	5875.30	5876.46	5877.48
45.5	5602.50	5603.78	5605.18	5606.69	5608.67	5610.69	5612.68	5614.61	5616.42	5618.06
46.0	5340.09	5341.29	5342.65	5344.15	5346.53	5348.98	5351.43	5353.83	5356.09	5358.17
46.5	5081.76	5082.95	5084.26	5085.68	5087.64	5089.63	5091.62	5093.54	5095.34	5096.98
47.0	4825.90	4827.09	4828.36	4829.67	4831.09	4832.50	4833.88	4835.19	4836.40	4837.49
47.5	4571.23	4572.33	4573.50	4574.72	4576.01	4577.30	4578.56	4579.75	4580.86	4581.86
48.0	4320.41	4321.43	4322.54	4323.72	4325.11	4326.52	4327.91	4329.25	4330.50	4331.63
48.5	4075.14	4076.23	4077.47	4078.82	4080.75	4082.74	4084.72	4086.65	4088.47	4090.13
49.0	3837.09	3838.20	3839.48	3840.90	3843.14	3845.45	3847.77	3850.03	3852.18	3854.16
49.5	3609.90	3610.67	3611.50	3612.41	3613.70	3615.01	3616.32	3617.58	3618.76	3619.84
50.0	3389.43	3389.89	3390.33	3390.75	3391.11	3391.45	3391.75	3392.02	3392.26	3392.45
50.5	3170.43	3171.06	3171.72	3172.40	3173.13	3173.86	3174.57	3175.24	3175.86	3176.41
51.0	2959.88	2960.70	2961.63	2962.64	2963.97	2965.33	2966.69	2968.01	2969.26	2970.40
51.5	2764.25	2764.87	2765.61	2766.46	2767.85	2769.29	2770.75	2772.20	2773.57	2774.84
52.0	2579.81	2580.15	2580.62	2581.22	2582.46	2583.78	2585.13	2586.48	2587.78	2588.99
52.5	2404.94	2405.21	2405.59	2406.05	2406.98	2407.97	2408.98	2410.00	2410.97	2411.88
53.0	2239.68	2239.92	2240.23	2240.61	2241.25	2241.92	2242.61	2243.30	2243.96	2244.58
53.5	2083.13	2083.26	2083.48	2083.78	2084.47	2085.20	2085.97	2086.74	2087.49	2088.19
54.0	1936.40	1936.51	1936.71	1937.00	1937.71	1938.48	1939.29	1940.10	1940.89	1941.64
54.5	1801.53	1802.01	1802.51	1803.02	1803.36	1803.70	1804.01	1804.30	1804.56	1804.79
55.0	1674.81	1675.48	1676.12	1676.70	1676.69	1676.61	1676.47	1676.30	1676.09	1675.86
55.5	1552.35	1552.20	1552.09	1552.01	1551.96	1551.93	1551.92	1551.93	1551.96	1551.99
56.0	1436.68	1435.80	1435.02	1434.38	1434.49	1434.72	1435.05	1435.45	1435.91	1436.38
56.5	1329.32	1328.92	1328.64	1328.48	1329.09	1329.80	1330.59	1331.42	1332.25	1333.05
57.0	1229.50	1229.77	1230.12	1230.57	1231.56	1232.60	1233.67	1234.73	1235.76	1236.70
57.5	1137.14	1137.39	1137.69	1138.05	1138.68	1139.33	1140.00	1140.65	1141.28	1141.86
58.0	1051.76	1051.86	1051.99	1052.13	1052.27	1052.43	1052.58	1052.73	1052.88	1053.02
58.5	973.07	973.22	973.38	973.54	973.60	973.65	973.70	973.75	973.79	973.82
59.0	900.47	900.67	900.88	901.09	901.17	901.24	901.30	901.36	901.40	901.43
59.5	833.25	833.41	833.58	833.75	833.84	833.91	833.98	834.05	834.10	834.15

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

60.0	771.42	771.53	771.64	771.76	771.85	771.94	772.02	772.10	772.17	772.23
60.5	714.99	715.08	715.18	715.27	715.33	715.39	715.45	715.50	715.54	715.58
61.0	663.24	663.34	663.44	663.53	663.57	663.59	663.61	663.62	663.63	663.63
61.5	615.55	615.71	615.86	616.00	616.02	616.03	616.02	616.00	615.97	615.93
62.0	571.65	571.87	572.07	572.25	572.27	572.26	572.24	572.19	572.14	572.07
62.5	531.12	531.33	531.53	531.70	531.71	531.70	531.66	531.61	531.55	531.48
63.0	493.84	494.04	494.21	494.37	494.38	494.38	494.35	494.30	494.25	494.18
63.5	459.71	459.92	460.10	460.27	460.30	460.31	460.30	460.27	460.23	460.18
64.0	428.26	428.48	428.68	428.86	428.94	429.00	429.04	429.06	429.06	429.06
64.5	398.81	399.04	399.26	399.48	399.70	399.92	400.12	400.30	400.46	400.60
65.0	371.89	372.12	372.35	372.58	372.88	373.18	373.47	373.75	374.00	374.22
65.5	348.41	348.61	348.79	348.94	349.02	349.08	349.12	349.15	349.15	349.15
66.0	326.55	326.74	326.87	326.96	326.82	326.63	326.42	326.18	325.94	325.70
66.5	304.30	304.51	304.68	304.81	304.74	304.63	304.49	304.33	304.16	303.98
67.0	283.28	283.52	283.74	283.93	283.98	284.01	284.00	283.98	283.94	283.89
67.5	264.77	265.01	265.21	265.39	265.46	265.50	265.51	265.51	265.48	265.45
68.0	247.85	248.07	248.26	248.42	248.47	248.50	248.50	248.48	248.45	248.41
68.5	231.98	232.21	232.41	232.58	232.63	232.66	232.66	232.64	232.60	232.56
69.0	217.23	217.47	217.69	217.87	217.93	217.95	217.96	217.94	217.90	217.85
69.5	203.46	203.70	203.91	204.09	204.16	204.20	204.22	204.22	204.20	204.17
70.0	190.82	191.04	191.23	191.40	191.48	191.53	191.55	191.56	191.55	191.53
70.5	179.60	179.79	179.96	180.10	180.14	180.14	180.13	180.09	180.04	179.98
71.0	169.16	169.35	169.50	169.62	169.64	169.62	169.59	169.54	169.47	169.40
71.5	158.76	158.96	159.13	159.28	159.41	159.51	159.60	159.67	159.72	159.76
72.0	149.11	149.31	149.50	149.69	149.91	150.12	150.32	150.50	150.66	150.80
72.5	140.86	141.05	141.22	141.38	141.55	141.71	141.85	141.98	142.09	142.18
73.0	133.39	133.56	133.71	133.84	133.93	134.00	134.06	134.10	134.13	134.14
73.5	126.27	126.45	126.61	126.75	126.82	126.88	126.92	126.94	126.94	126.94
74.0	119.55	119.74	119.91	120.06	120.13	120.18	120.22	120.23	120.23	120.22
74.5	113.15	113.33	113.48	113.61	113.67	113.71	113.72	113.73	113.72	113.70
75.0	107.06	107.21	107.33	107.44	107.48	107.51	107.51	107.51	107.49	107.46
75.5	101.21	101.35	101.46	101.56	101.58	101.60	101.59	101.58	101.55	101.52
76.0	95.59	95.71	95.81	95.90	95.92	95.92	95.91	95.89	95.86	95.82
76.5	90.16	90.27	90.36	90.43	90.45	90.45	90.44	90.41	90.38	90.35
77.0	84.87	84.97	85.05	85.11	85.12	85.12	85.11	85.09	85.06	85.02
77.5	79.68	79.76	79.83	79.88	79.88	79.87	79.84	79.81	79.77	79.72
78.0	74.60	74.67	74.72	74.76	74.74	74.72	74.68	74.64	74.59	74.54
78.5	69.61	69.67	69.72	69.75	69.74	69.71	69.67	69.63	69.58	69.53
79.0	64.72	64.77	64.81	64.84	64.82	64.80	64.77	64.73	64.68	64.64
79.5	59.92	59.96	59.99	60.00	59.99	59.96	59.93	59.89	59.85	59.81
80.0	55.17	55.20	55.22	55.23	55.21	55.18	55.15	55.11	55.07	55.03
80.5	50.46	50.50	50.53	50.55	50.51	50.47	50.42	50.37	50.31	50.26
81.0	45.73	45.78	45.81	45.84	45.79	45.73	45.67	45.60	45.52	45.45
81.5	40.84	40.88	40.91	40.93	40.87	40.81	40.73	40.66	40.58	40.50
82.0	35.96	35.99	36.00	36.01	35.94	35.87	35.79	35.71	35.63	35.55
82.5	31.15	31.16	31.16	31.15	31.08	30.99	30.91	30.82	30.73	30.65
83.0	26.56	26.55	26.54	26.51	26.43	26.34	26.25	26.15	26.06	25.98
83.5	22.38	22.37	22.36	22.33	22.25	22.16	22.07	21.98	21.89	21.80
84.0	18.45	18.45	18.44	18.42	18.34	18.26	18.17	18.08	17.99	17.91
84.5	14.68	14.67	14.65	14.62	14.55	14.47	14.39	14.31	14.24	14.17
85.0	11.12	11.10	11.07	11.04	10.98	10.91	10.84	10.78	10.71	10.66
85.5	7.61	7.60	7.59	7.57	7.52	7.46	7.41	7.35	7.30	7.26
86.0	4.69	4.69	4.69	4.68	4.65	4.61	4.57	4.53	4.49	4.46
86.5	3.00	2.99	2.98	2.97	2.95	2.93	2.91	2.89	2.88	2.86
87.0	2.07	2.06	2.04	2.03	2.02	2.02	2.01	2.01	2.01	2.01
87.5	1.76	1.76	1.75	1.74	1.74	1.74	1.74	1.74	1.74	1.74



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

<b>88.0</b>	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
<b>88.5</b>	1.75	1.75	1.75	1.75	1.75	1.76	1.76	1.76	1.76	1.76
<b>89.0</b>	1.76	1.76	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.78
<b>89.5</b>	1.80	1.80	1.80	1.81	1.81	1.81	1.82	1.82	1.82	1.83
<b>90.0</b>	1.88	1.88	1.87	1.87	1.88	1.88	1.89	1.89	1.90	1.90

**Vert. 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>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8089.24	8089.27	8089.29	8089.27	8089.24	8089.21	8089.17	8089.13	8089.09	8089.05
<b>1.0</b>	8089.27	8089.31	8089.34	8089.31	8089.27	8089.22	8089.17	8089.11	8089.05	8088.99
<b>1.5</b>	8089.17	8089.20	8089.22	8089.20	8089.17	8089.14	8089.10	8089.06	8089.02	8088.97
<b>2.0</b>	8089.05	8089.06	8089.07	8089.06	8089.05	8089.03	8089.01	8088.98	8088.96	8088.93
<b>2.5</b>	8089.04	8089.08	8089.10	8089.08	8089.04	8089.00	8088.95	8088.89	8088.82	8088.75
<b>3.0</b>	8088.97	8089.03	8089.07	8089.03	8088.97	8088.90	8088.83	8088.74	8088.64	8088.54
<b>3.5</b>	8088.64	8088.67	8088.69	8088.67	8088.64	8088.59	8088.55	8088.49	8088.43	8088.36
<b>4.0</b>	8088.24	8088.25	8088.25	8088.25	8088.24	8088.22	8088.21	8088.19	8088.17	8088.14
<b>4.5</b>	8087.86	8087.88	8087.89	8087.88	8087.86	8087.83	8087.80	8087.77	8087.74	8087.71
<b>5.0</b>	8087.67	8087.71	8087.74	8087.71	8087.67	8087.61	8087.56	8087.50	8087.44	8087.38
<b>5.5</b>	8087.92	8087.99	8088.05	8087.99	8087.92	8087.84	8087.75	8087.65	8087.55	8087.46
<b>6.0</b>	8088.42	8088.51	8088.58	8088.51	8088.42	8088.31	8088.19	8088.06	8087.93	8087.80
<b>6.5</b>	8088.99	8089.08	8089.15	8089.08	8088.99	8088.88	8088.76	8088.62	8088.49	8088.35
<b>7.0</b>	8089.79	8089.88	8089.94	8089.88	8089.79	8089.68	8089.56	8089.43	8089.29	8089.15
<b>7.5</b>	8090.92	8091.02	8091.09	8091.02	8090.92	8090.80	8090.67	8090.52	8090.37	8090.22
<b>8.0</b>	8092.43	8092.55	8092.63	8092.55	8092.43	8092.30	8092.15	8091.98	8091.81	8091.64
<b>8.5</b>	8094.47	8094.61	8094.72	8094.61	8094.47	8094.31	8094.12	8093.92	8093.72	8093.51
<b>9.0</b>	8096.90	8097.06	8097.18	8097.06	8096.90	8096.71	8096.50	8096.27	8096.04	8095.80
<b>9.5</b>	8099.60	8099.76	8099.88	8099.76	8099.60	8099.41	8099.20	8098.98	8098.75	8098.52
<b>10.0</b>	8102.68	8102.83	8102.94	8102.83	8102.68	8102.51	8102.32	8102.12	8101.91	8101.71
<b>10.5</b>	8106.25	8106.37	8106.46	8106.37	8106.25	8106.10	8105.95	8105.78	8105.62	8105.45
<b>11.0</b>	8110.22	8110.32	8110.39	8110.32	8110.22	8110.11	8109.99	8109.87	8109.75	8109.63
<b>11.5</b>	8114.51	8114.60	8114.68	8114.60	8114.51	8114.41	8114.31	8114.20	8114.10	8114.02
<b>12.0</b>	8119.27	8119.34	8119.41	8119.34	8119.27	8119.20	8119.13	8119.06	8119.00	8118.96
<b>12.5</b>	8124.66	8124.65	8124.65	8124.65	8124.66	8124.69	8124.72	8124.76	8124.81	8124.87
<b>13.0</b>	8130.57	8130.48	8130.41	8130.48	8130.57	8130.69	8130.83	8130.98	8131.14	8131.31
<b>13.5</b>	8136.92	8136.79	8136.70	8136.79	8136.92	8137.09	8137.27	8137.47	8137.68	8137.90
<b>14.0</b>	8143.81	8143.66	8143.56	8143.66	8143.81	8143.98	8144.18	8144.39	8144.62	8144.86
<b>14.5</b>	8151.29	8151.15	8151.06	8151.15	8151.29	8151.45	8151.63	8151.83	8152.04	8152.26
<b>15.0</b>	8159.34	8159.23	8159.15	8159.23	8159.34	8159.48	8159.63	8159.80	8159.98	8160.16
<b>15.5</b>	8168.02	8167.94	8167.89	8167.94	8168.02	8168.12	8168.24	8168.37	8168.51	8168.66
<b>16.0</b>	8177.18	8177.12	8177.07	8177.12	8177.18	8177.26	8177.36	8177.46	8177.58	8177.71
<b>16.5</b>	8186.64	8186.54	8186.48	8186.54	8186.64	8186.76	8186.90	8187.06	8187.24	8187.42
<b>17.0</b>	8196.52	8196.39	8196.30	8196.39	8196.52	8196.68	8196.87	8197.08	8197.31	8197.56
<b>17.5</b>	8206.81	8206.70	8206.62	8206.70	8206.81	8206.96	8207.14	8207.34	8207.55	8207.79
<b>18.0</b>	8217.69	8217.60	8217.54	8217.60	8217.69	8217.81	8217.96	8218.13	8218.32	8218.53
<b>18.5</b>	8229.40	8229.32	8229.27	8229.32	8229.40	8229.50	8229.63	8229.79	8229.96	8230.16
<b>19.0</b>	8241.67	8241.58	8241.53	8241.58	8241.67	8241.79	8241.93	8242.10	8242.28	8242.48
<b>19.5</b>	8254.29	8254.13	8254.01	8254.13	8254.29	8254.48	8254.71	8254.96	8255.23	8255.50
<b>20.0</b>	8267.41	8267.18	8267.00	8267.18	8267.41	8267.69	8268.00	8268.34	8268.69	8269.05
<b>20.5</b>	8281.02	8280.79	8280.62	8280.79	8281.02	8281.31	8281.63	8281.99	8282.36	8282.75
<b>21.0</b>	8295.45	8295.22	8295.06	8295.22	8295.45	8295.73	8296.06	8296.42	8296.81	8297.22
<b>21.5</b>	8311.04	8310.75	8310.53	8310.75	8311.04	8311.40	8311.79	8312.22	8312.67	8313.12
<b>22.0</b>	8327.69	8327.35	8327.09	8327.35	8327.69	8328.08	8328.50	8328.96	8329.41	8329.86
<b>22.5</b>	8345.25	8345.01	8344.82	8345.01	8345.25	8345.53	8345.83	8346.14	8346.45	8346.75
<b>23.0</b>	8364.13	8364.01	8363.90	8364.01	8364.13	8364.27	8364.41	8364.55	8364.69	8364.81

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

23.5	8384.85	8384.77	8384.70	8384.77	8384.85	8384.94	8385.01	8385.08	8385.13	8385.17
24.0	8406.90	8406.85	8406.80	8406.85	8406.90	8406.93	8406.95	8406.95	8406.93	8406.88
24.5	8429.79	8429.82	8429.82	8429.82	8429.79	8429.73	8429.64	8429.52	8429.37	8429.19
25.0	8453.86	8453.97	8454.02	8453.97	8453.86	8453.72	8453.53	8453.29	8453.02	8452.71
25.5	8479.11	8479.24	8479.31	8479.24	8479.11	8478.93	8478.69	8478.41	8478.07	8477.70
26.0	8506.10	8506.25	8506.33	8506.25	8506.10	8505.89	8505.63	8505.30	8504.92	8504.49
26.5	8535.75	8535.92	8536.01	8535.92	8535.75	8535.51	8535.19	8534.81	8534.35	8533.84
27.0	8567.06	8567.27	8567.39	8567.27	8567.06	8566.76	8566.37	8565.91	8565.37	8564.76
27.5	8599.12	8599.44	8599.65	8599.44	8599.12	8598.69	8598.16	8597.54	8596.84	8596.08
28.0	8632.53	8632.93	8633.18	8632.93	8632.53	8632.03	8631.41	8630.71	8629.92	8629.08
28.5	8667.81	8668.08	8668.24	8668.08	8667.81	8667.45	8667.00	8666.46	8665.86	8665.19
29.0	8704.35	8704.45	8704.49	8704.45	8704.35	8704.18	8703.94	8703.64	8703.26	8702.83
29.5	8742.09	8742.14	8742.14	8742.14	8742.09	8741.99	8741.83	8741.60	8741.31	8740.96
30.0	8779.91	8779.87	8779.79	8779.87	8779.91	8779.91	8779.86	8779.77	8779.62	8779.40
30.5	8816.83	8816.52	8816.24	8816.52	8816.83	8817.14	8817.45	8817.73	8817.96	8818.12
31.0	8852.25	8851.65	8851.14	8851.65	8852.25	8852.91	8853.62	8854.32	8854.99	8855.59
31.5	8885.57	8884.77	8884.12	8884.77	8885.57	8886.49	8887.48	8888.52	8889.55	8890.53
32.0	8915.80	8914.83	8914.08	8914.83	8915.80	8916.93	8918.18	8919.51	8920.86	8922.20
32.5	8942.48	8941.38	8940.54	8941.38	8942.48	8943.79	8945.25	8946.81	8948.43	8950.04
33.0	8963.42	8962.18	8961.25	8962.18	8963.42	8964.90	8966.58	8968.39	8970.29	8972.20
33.5	8976.37	8974.94	8973.88	8974.94	8976.37	8978.10	8980.08	8982.24	8984.52	8986.85
34.0	8981.02	8979.40	8978.22	8979.40	8981.02	8983.01	8985.31	8987.83	8990.51	8993.29
34.5	8976.50	8974.73	8973.47	8974.73	8976.50	8978.70	8981.25	8984.09	8987.14	8990.33
35.0	8962.29	8960.38	8959.04	8960.38	8962.29	8964.68	8967.49	8970.63	8974.03	8977.61
35.5	8938.03	8935.96	8934.51	8935.96	8938.03	8940.63	8943.70	8947.14	8950.86	8954.80
36.0	8902.35	8900.10	8898.51	8900.10	8902.35	8905.19	8908.51	8912.23	8916.26	8920.52
36.5	8854.33	8851.83	8850.05	8851.83	8854.33	8857.44	8861.06	8865.07	8869.38	8873.89
37.0	8792.30	8789.58	8787.61	8789.58	8792.30	8795.64	8799.50	8803.76	8808.29	8813.00
37.5	8713.63	8710.78	8708.71	8710.78	8713.63	8717.13	8721.17	8725.61	8730.34	8735.25
38.0	8620.21	8617.38	8615.32	8617.38	8620.21	8623.70	8627.71	8632.14	8636.85	8641.74
38.5	8513.67	8511.18	8509.37	8511.18	8513.67	8516.75	8520.29	8524.20	8528.36	8532.68
39.0	8392.16	8390.06	8388.53	8390.06	8392.16	8394.75	8397.74	8401.03	8404.53	8408.17
39.5	8254.19	8252.25	8250.82	8252.25	8254.19	8256.56	8259.27	8262.22	8265.35	8268.56
40.0	8100.32	8098.52	8097.17	8098.52	8100.32	8102.49	8104.94	8107.60	8110.39	8113.21
40.5	7929.67	7928.11	7926.92	7928.11	7929.67	7931.54	7933.64	7935.90	7938.25	7940.61
41.0	7745.04	7743.78	7742.81	7743.78	7745.04	7746.53	7748.20	7749.97	7751.80	7753.62
41.5	7549.55	7548.71	7548.03	7548.71	7549.55	7550.52	7551.58	7552.69	7553.79	7554.86
42.0	7341.38	7340.97	7340.60	7340.97	7341.38	7341.83	7342.29	7342.72	7343.12	7343.45
42.5	7118.46	7118.39	7118.29	7118.39	7118.46	7118.49	7118.48	7118.41	7118.27	7118.06
43.0	6884.73	6884.90	6884.98	6884.90	6884.73	6884.46	6884.12	6883.68	6883.17	6882.57
43.5	6643.39	6643.59	6643.67	6643.59	6643.39	6643.08	6642.65	6642.10	6641.45	6640.68
44.0	6394.60	6394.81	6394.89	6394.81	6394.60	6394.26	6393.78	6393.17	6392.42	6391.54
44.5	6138.24	6138.63	6138.86	6138.63	6138.24	6137.69	6136.99	6136.17	6135.22	6134.16
45.0	5878.34	5879.02	5879.48	5879.02	5878.34	5877.48	5876.46	5875.30	5874.04	5872.69
45.5	5619.49	5620.65	5621.50	5620.65	5619.49	5618.06	5616.42	5614.61	5612.68	5610.69
46.0	5359.98	5361.47	5362.58	5361.47	5359.98	5358.17	5356.09	5353.83	5351.43	5348.98
46.5	5098.41	5099.58	5100.43	5099.58	5098.41	5096.98	5095.34	5093.54	5091.62	5089.63
47.0	4838.42	4839.16	4839.69	4839.16	4838.42	4837.49	4836.40	4835.19	4833.88	4832.50
47.5	4582.71	4583.39	4583.87	4583.39	4582.71	4581.86	4580.86	4579.75	4578.56	4577.30
48.0	4332.61	4333.40	4333.97	4333.40	4332.61	4331.63	4330.50	4329.25	4327.91	4326.52
48.5	4091.59	4092.78	4093.66	4092.78	4091.59	4090.13	4088.47	4086.65	4084.72	4082.74
49.0	3855.89	3857.31	3858.37	3857.31	3855.89	3854.16	3852.18	3850.03	3847.77	3845.45
49.5	3620.78	3621.54	3622.10	3621.54	3620.78	3619.84	3618.76	3617.58	3616.32	3615.01
50.0	3392.61	3392.72	3392.78	3392.72	3392.61	3392.45	3392.26	3392.02	3391.75	3391.45
50.5	3176.88	3177.25	3177.52	3177.25	3176.88	3176.41	3175.86	3175.24	3174.57	3173.86
51.0	2971.39	2972.21	2972.81	2972.21	2971.39	2970.40	2969.26	2968.01	2966.69	2965.33

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**CANDELA TABULATION - (Cont.)**

51.5	2775.97	2776.90	2777.60	2776.90	2775.97	2774.84	2773.57	2772.20	2770.75	2769.29
52.0	2590.07	2590.98	2591.67	2590.98	2590.07	2588.99	2587.78	2586.48	2585.13	2583.78
52.5	2412.69	2413.37	2413.89	2413.37	2412.69	2411.88	2410.97	2410.00	2408.98	2407.97
53.0	2245.12	2245.58	2245.92	2245.58	2245.12	2244.58	2243.96	2243.30	2242.61	2241.92
53.5	2088.82	2089.36	2089.77	2089.36	2088.82	2088.19	2087.49	2086.74	2085.97	2085.20
54.0	1942.31	1942.88	1943.32	1942.88	1942.31	1941.64	1940.89	1940.10	1939.29	1938.48
54.5	1804.97	1805.11	1805.21	1805.11	1804.97	1804.79	1804.56	1804.30	1804.01	1803.70
55.0	1675.64	1675.42	1675.22	1675.42	1675.64	1675.86	1676.09	1676.30	1676.47	1676.61
55.5	1552.03	1552.08	1552.12	1552.08	1552.03	1551.99	1551.96	1551.93	1551.92	1551.93
56.0	1436.85	1437.29	1437.67	1437.29	1436.85	1436.38	1435.91	1435.45	1435.05	1434.72
56.5	1333.80	1334.45	1334.97	1334.45	1333.80	1333.05	1332.25	1331.42	1330.59	1329.80
57.0	1237.55	1238.25	1238.78	1238.25	1237.55	1236.70	1235.76	1234.73	1233.67	1232.60
57.5	1142.37	1142.80	1143.12	1142.80	1142.37	1141.86	1141.28	1140.65	1140.00	1139.33
58.0	1053.15	1053.25	1053.33	1053.25	1053.15	1053.02	1052.88	1052.73	1052.58	1052.43
58.5	973.85	973.87	973.88	973.87	973.85	973.82	973.79	973.75	973.70	973.65
59.0	901.46	901.47	901.48	901.47	901.46	901.43	901.40	901.36	901.30	901.24
59.5	834.18	834.21	834.22	834.21	834.18	834.15	834.10	834.05	833.98	833.91
60.0	772.29	772.33	772.36	772.33	772.29	772.23	772.17	772.10	772.02	771.94
60.5	715.61	715.63	715.65	715.63	715.61	715.58	715.54	715.50	715.45	715.39
61.0	663.63	663.62	663.61	663.62	663.63	663.63	663.63	663.62	663.61	663.59
61.5	615.89	615.85	615.81	615.85	615.89	615.93	615.97	616.00	616.02	616.03
62.0	572.01	571.94	571.88	571.94	572.01	572.07	572.14	572.19	572.24	572.26
62.5	531.40	531.33	531.26	531.33	531.40	531.48	531.55	531.61	531.66	531.70
63.0	494.12	494.05	493.99	494.05	494.12	494.18	494.25	494.30	494.35	494.38
63.5	460.12	460.07	460.01	460.07	460.12	460.18	460.23	460.27	460.30	460.31
64.0	429.04	429.01	428.97	429.01	429.04	429.06	429.06	429.06	429.04	429.00
64.5	400.72	400.80	400.86	400.80	400.72	400.60	400.46	400.30	400.12	399.92
65.0	374.41	374.56	374.67	374.56	374.41	374.22	374.00	373.75	373.47	373.18
65.5	349.13	349.10	349.07	349.10	349.13	349.15	349.15	349.15	349.12	349.08
66.0	325.47	325.26	325.09	325.26	325.47	325.70	325.94	326.18	326.42	326.63
66.5	303.81	303.65	303.52	303.65	303.81	303.98	304.16	304.33	304.49	304.63
67.0	283.83	283.77	283.71	283.77	283.83	283.89	283.94	283.98	284.00	284.01
67.5	265.40	265.35	265.30	265.35	265.40	265.45	265.48	265.51	265.51	265.50
68.0	248.35	248.30	248.24	248.30	248.35	248.41	248.45	248.48	248.50	248.50
68.5	232.50	232.44	232.38	232.44	232.50	232.56	232.60	232.64	232.66	232.66
69.0	217.79	217.73	217.67	217.73	217.79	217.85	217.90	217.94	217.96	217.95
69.5	204.12	204.08	204.03	204.08	204.12	204.17	204.20	204.22	204.22	204.20
70.0	191.50	191.46	191.42	191.46	191.50	191.53	191.55	191.56	191.55	191.53
70.5	179.92	179.85	179.79	179.85	179.92	179.98	180.04	180.09	180.13	180.14
71.0	169.32	169.25	169.18	169.25	169.32	169.40	169.47	169.54	169.59	169.62
71.5	159.78	159.79	159.79	159.79	159.78	159.76	159.72	159.67	159.60	159.51
72.0	150.92	151.00	151.06	151.00	150.92	150.80	150.66	150.50	150.32	150.12
72.5	142.25	142.30	142.33	142.30	142.25	142.18	142.09	141.98	141.85	141.71
73.0	134.14	134.14	134.12	134.14	134.14	134.14	134.13	134.10	134.06	134.00
73.5	126.92	126.90	126.88	126.90	126.92	126.94	126.94	126.94	126.92	126.88
74.0	120.20	120.18	120.15	120.18	120.20	120.22	120.23	120.23	120.22	120.18
74.5	113.67	113.64	113.61	113.64	113.67	113.70	113.72	113.73	113.72	113.71
75.0	107.43	107.40	107.36	107.40	107.43	107.46	107.49	107.51	107.51	107.51
75.5	101.48	101.44	101.40	101.44	101.48	101.52	101.55	101.58	101.59	101.60
76.0	95.78	95.74	95.70	95.74	95.78	95.82	95.86	95.89	95.91	95.92
76.5	90.31	90.27	90.23	90.27	90.31	90.35	90.38	90.41	90.44	90.45
77.0	84.98	84.94	84.91	84.94	84.98	85.02	85.06	85.09	85.11	85.12
77.5	79.68	79.63	79.60	79.63	79.68	79.72	79.77	79.81	79.84	79.87
78.0	74.48	74.44	74.40	74.44	74.48	74.54	74.59	74.64	74.68	74.72
78.5	69.48	69.44	69.40	69.44	69.48	69.53	69.58	69.63	69.67	69.71
79.0	64.59	64.55	64.52	64.55	64.59	64.64	64.68	64.73	64.77	64.80

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**CANDELA TABULATION - (Cont.)**

<b>79.5</b>	59.77	59.74	59.70	59.74	59.77	59.81	59.85	59.89	59.93	59.96
<b>80.0</b>	54.99	54.95	54.92	54.95	54.99	55.03	55.07	55.11	55.15	55.18
<b>80.5</b>	50.20	50.16	50.12	50.16	50.20	50.26	50.31	50.37	50.42	50.47
<b>81.0</b>	45.38	45.32	45.27	45.32	45.38	45.45	45.52	45.60	45.67	45.73
<b>81.5</b>	40.43	40.36	40.31	40.36	40.43	40.50	40.58	40.66	40.73	40.81
<b>82.0</b>	35.47	35.41	35.36	35.41	35.47	35.55	35.63	35.71	35.79	35.87
<b>82.5</b>	30.57	30.51	30.46	30.51	30.57	30.65	30.73	30.82	30.91	30.99
<b>83.0</b>	25.90	25.84	25.79	25.84	25.90	25.98	26.06	26.15	26.25	26.34
<b>83.5</b>	21.73	21.66	21.61	21.66	21.73	21.80	21.89	21.98	22.07	22.16
<b>84.0</b>	17.84	17.78	17.73	17.78	17.84	17.91	17.99	18.08	18.17	18.26
<b>84.5</b>	14.10	14.05	14.01	14.05	14.10	14.17	14.24	14.31	14.39	14.47
<b>85.0</b>	10.61	10.56	10.53	10.56	10.61	10.66	10.71	10.78	10.84	10.91
<b>85.5</b>	7.21	7.18	7.15	7.18	7.21	7.26	7.30	7.35	7.41	7.46
<b>86.0</b>	4.43	4.40	4.38	4.40	4.43	4.46	4.49	4.53	4.57	4.61
<b>86.5</b>	2.84	2.83	2.82	2.83	2.84	2.86	2.88	2.89	2.91	2.93
<b>87.0</b>	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02
<b>87.5</b>	1.75	1.75	1.75	1.75	1.75	1.74	1.74	1.74	1.74	1.74
<b>88.0</b>	1.78	1.79	1.79	1.79	1.78	1.78	1.78	1.78	1.78	1.78
<b>88.5</b>	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76
<b>89.0</b>	1.78	1.78	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.77
<b>89.5</b>	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.81
<b>90.0</b>	1.91	1.91	1.91	1.91	1.91	1.90	1.90	1.89	1.89	1.88

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

	<u><b>200.0</b></u>	<u><b>202.5</b></u>	<u><b>205.0</b></u>	<u><b>207.5</b></u>	<u><b>210.0</b></u>	<u><b>212.5</b></u>	<u><b>215.0</b></u>	<u><b>217.5</b></u>	<u><b>220.0</b></u>	<u><b>222.5</b></u>
<b>0.0</b>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8089.01	8088.97	8088.96	8088.95	8088.94	8088.94	8088.94	8088.95	8088.95	8088.96
<b>1.0</b>	8088.93	8088.87	8088.85	8088.84	8088.83	8088.82	8088.81	8088.81	8088.81	8088.81
<b>1.5</b>	8088.93	8088.88	8088.86	8088.84	8088.82	8088.80	8088.78	8088.76	8088.75	8088.73
<b>2.0</b>	8088.89	8088.86	8088.83	8088.79	8088.76	8088.73	8088.69	8088.66	8088.62	8088.59
<b>2.5</b>	8088.68	8088.61	8088.55	8088.48	8088.42	8088.37	8088.31	8088.26	8088.21	8088.17
<b>3.0</b>	8088.44	8088.33	8088.25	8088.16	8088.08	8088.01	8087.94	8087.88	8087.82	8087.78
<b>3.5</b>	8088.29	8088.22	8088.16	8088.10	8088.03	8087.97	8087.91	8087.85	8087.80	8087.75
<b>4.0</b>	8088.11	8088.08	8088.05	8088.02	8087.98	8087.95	8087.91	8087.87	8087.82	8087.78
<b>4.5</b>	8087.68	8087.65	8087.65	8087.65	8087.65	8087.65	8087.64	8087.64	8087.63	8087.62
<b>5.0</b>	8087.32	8087.28	8087.29	8087.31	8087.33	8087.36	8087.39	8087.41	8087.44	8087.45
<b>5.5</b>	8087.36	8087.27	8087.26	8087.26	8087.26	8087.28	8087.29	8087.31	8087.33	8087.36
<b>6.0</b>	8087.66	8087.54	8087.49	8087.46	8087.44	8087.42	8087.42	8087.42	8087.43	8087.44
<b>6.5</b>	8088.21	8088.07	8088.01	8087.96	8087.92	8087.88	8087.86	8087.84	8087.84	8087.84
<b>7.0</b>	8089.01	8088.88	8088.81	8088.75	8088.70	8088.65	8088.62	8088.59	8088.57	8088.56
<b>7.5</b>	8090.07	8089.93	8089.87	8089.81	8089.77	8089.74	8089.72	8089.70	8089.70	8089.71
<b>8.0</b>	8091.48	8091.32	8091.26	8091.22	8091.19	8091.17	8091.17	8091.17	8091.19	8091.22
<b>8.5</b>	8093.31	8093.12	8093.06	8093.01	8092.98	8092.96	8092.96	8092.97	8092.99	8093.02
<b>9.0</b>	8095.58	8095.36	8095.29	8095.24	8095.21	8095.19	8095.19	8095.21	8095.24	8095.28
<b>9.5</b>	8098.30	8098.09	8098.03	8097.99	8097.97	8097.97	8097.99	8098.02	8098.06	8098.11
<b>10.0</b>	8101.51	8101.33	8101.29	8101.27	8101.28	8101.29	8101.33	8101.38	8101.43	8101.50
<b>10.5</b>	8105.30	8105.16	8105.15	8105.17	8105.20	8105.24	8105.30	8105.36	8105.43	8105.51
<b>11.0</b>	8109.52	8109.43	8109.47	8109.52	8109.59	8109.66	8109.75	8109.84	8109.94	8110.03
<b>11.5</b>	8113.94	8113.88	8113.98	8114.09	8114.22	8114.36	8114.51	8114.66	8114.81	8114.95
<b>12.0</b>	8118.92	8118.92	8119.06	8119.22	8119.39	8119.57	8119.76	8119.95	8120.13	8120.30
<b>12.5</b>	8124.94	8125.02	8125.15	8125.29	8125.44	8125.58	8125.72	8125.86	8125.99	8126.10
<b>13.0</b>	8131.48	8131.65	8131.76	8131.87	8131.97	8132.06	8132.14	8132.22	8132.28	8132.33
<b>13.5</b>	8138.12	8138.33	8138.46	8138.57	8138.67	8138.76	8138.83	8138.90	8138.95	8139.00
<b>14.0</b>	8145.10	8145.33	8145.46	8145.58	8145.69	8145.78	8145.87	8145.94	8146.00	8146.05
<b>14.5</b>	8152.48	8152.69	8152.82	8152.93	8153.03	8153.12	8153.20	8153.26	8153.32	8153.37

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

15.0	8160.35	8160.53	8160.65	8160.75	8160.85	8160.93	8161.01	8161.08	8161.14	8161.20
15.5	8168.81	8168.96	8169.08	8169.19	8169.30	8169.41	8169.50	8169.59	8169.67	8169.74
16.0	8177.85	8177.99	8178.12	8178.26	8178.40	8178.53	8178.65	8178.76	8178.87	8178.96
16.5	8187.61	8187.80	8187.98	8188.15	8188.31	8188.47	8188.61	8188.75	8188.86	8188.96
17.0	8197.81	8198.06	8198.27	8198.48	8198.68	8198.86	8199.03	8199.19	8199.32	8199.44
17.5	8208.03	8208.28	8208.53	8208.77	8209.01	8209.24	8209.46	8209.66	8209.84	8209.99
18.0	8218.75	8218.99	8219.26	8219.53	8219.80	8220.07	8220.32	8220.56	8220.77	8220.96
18.5	8230.37	8230.59	8230.87	8231.16	8231.44	8231.72	8231.98	8232.23	8232.45	8232.63
19.0	8242.70	8242.92	8243.19	8243.46	8243.73	8243.99	8244.22	8244.44	8244.63	8244.78
19.5	8255.78	8256.05	8256.24	8256.41	8256.57	8256.71	8256.84	8256.94	8257.02	8257.08
20.0	8269.39	8269.72	8269.85	8269.95	8270.03	8270.09	8270.13	8270.15	8270.15	8270.15
20.5	8283.14	8283.52	8283.75	8283.97	8284.16	8284.33	8284.49	8284.62	8284.73	8284.81
21.0	8297.63	8298.04	8298.36	8298.66	8298.94	8299.21	8299.45	8299.67	8299.85	8300.01
21.5	8313.56	8313.98	8314.15	8314.28	8314.39	8314.47	8314.52	8314.56	8314.58	8314.58
22.0	8330.29	8330.67	8330.64	8330.57	8330.46	8330.32	8330.16	8329.98	8329.81	8329.64
22.5	8347.02	8347.26	8347.16	8347.02	8346.85	8346.65	8346.45	8346.25	8346.06	8345.88
23.0	8364.92	8364.99	8364.82	8364.63	8364.42	8364.20	8363.99	8363.78	8363.60	8363.44
23.5	8385.17	8385.15	8384.88	8384.58	8384.27	8383.96	8383.65	8383.36	8383.09	8382.86
24.0	8406.80	8406.68	8406.30	8405.89	8405.47	8405.05	8404.63	8404.24	8403.87	8403.56
24.5	8428.97	8428.71	8428.23	8427.72	8427.21	8426.70	8426.20	8425.74	8425.32	8424.96
25.0	8452.36	8451.98	8451.39	8450.79	8450.18	8449.58	8449.02	8448.49	8448.02	8447.62
25.5	8477.28	8476.83	8476.15	8475.45	8474.76	8474.08	8473.43	8472.83	8472.31	8471.86
26.0	8504.02	8503.50	8502.72	8501.92	8501.12	8500.34	8499.60	8498.92	8498.31	8497.80
26.5	8533.27	8532.65	8531.72	8530.77	8529.80	8528.86	8527.96	8527.13	8526.38	8525.74
27.0	8564.09	8563.35	8562.30	8561.21	8560.12	8559.05	8558.03	8557.08	8556.22	8555.48
27.5	8595.25	8594.39	8593.32	8592.25	8591.17	8590.14	8589.15	8588.25	8587.44	8586.75
28.0	8628.18	8627.25	8626.22	8625.19	8624.18	8623.20	8622.28	8621.44	8620.70	8620.07
28.5	8664.46	8663.68	8662.68	8661.66	8660.64	8659.65	8658.70	8657.82	8657.03	8656.34
29.0	8702.32	8701.75	8700.79	8699.79	8698.77	8697.75	8696.77	8695.83	8694.98	8694.22
29.5	8740.54	8740.05	8739.14	8738.18	8737.20	8736.21	8735.25	8734.33	8733.48	8732.72
30.0	8779.12	8778.75	8777.91	8777.01	8776.07	8775.12	8774.18	8773.28	8772.43	8771.67
30.5	8818.20	8818.17	8817.39	8816.51	8815.56	8814.57	8813.58	8812.59	8811.66	8810.79
31.0	8856.10	8856.47	8855.83	8855.05	8854.17	8853.22	8852.23	8851.25	8850.28	8849.38
31.5	8891.43	8892.20	8891.88	8891.42	8890.86	8890.20	8889.50	8888.76	8888.03	8887.33
32.0	8923.46	8924.61	8924.67	8924.59	8924.39	8924.11	8923.75	8923.36	8922.95	8922.53
32.5	8951.60	8953.06	8953.37	8953.54	8953.61	8953.59	8953.50	8953.38	8953.24	8953.10
33.0	8974.08	8975.87	8976.45	8976.92	8977.28	8977.56	8977.78	8977.97	8978.15	8978.34
33.5	8989.17	8991.42	8992.43	8993.33	8994.13	8994.85	8995.51	8996.13	8996.73	8997.33
34.0	8996.09	8998.83	9000.36	9001.78	9003.11	9004.36	9005.55	9006.69	9007.79	9008.86
34.5	8993.59	8996.84	8998.99	9001.06	9003.06	9004.99	9006.84	9008.64	9010.37	9012.05
35.0	8981.29	8985.01	8987.74	8990.41	8993.02	8995.57	8998.04	9000.44	9002.75	9004.96
35.5	8958.87	8962.97	8966.10	8969.17	8972.18	8975.12	8977.98	8980.74	8983.40	8985.94
36.0	8924.89	8929.31	8932.60	8935.83	8938.99	8942.06	8945.04	8947.92	8950.69	8953.33
36.5	8878.50	8883.08	8886.11	8889.02	8891.83	8894.54	8897.16	8899.68	8902.11	8904.47
37.0	8817.76	8822.45	8825.16	8827.70	8830.10	8832.39	8834.57	8836.68	8838.72	8840.73
37.5	8740.19	8745.06	8747.83	8750.42	8752.86	8755.15	8757.34	8759.42	8761.44	8763.40
38.0	8646.66	8651.52	8654.34	8656.98	8659.46	8661.80	8664.00	8666.10	8668.11	8670.04
38.5	8537.04	8541.35	8543.89	8546.28	8548.52	8550.64	8552.65	8554.55	8556.36	8558.09
39.0	8411.83	8415.44	8417.55	8419.52	8421.37	8423.11	8424.76	8426.32	8427.80	8429.23
39.5	8271.78	8274.90	8276.42	8277.79	8279.03	8280.17	8281.22	8282.22	8283.18	8284.13
40.0	8116.00	8118.66	8119.59	8120.35	8120.98	8121.50	8121.95	8122.37	8122.79	8123.23
40.5	7942.92	7945.10	7945.66	7946.05	7946.30	7946.46	7946.55	7946.61	7946.67	7946.77
41.0	7755.37	7756.99	7757.20	7757.25	7757.18	7757.02	7756.80	7756.56	7756.31	7756.11
41.5	7555.85	7556.71	7556.42	7555.99	7555.46	7554.86	7554.22	7553.57	7552.94	7552.36
42.0	7343.68	7343.81	7343.06	7342.20	7341.26	7340.28	7339.28	7338.29	7337.35	7336.48
42.5	7117.77	7117.39	7116.44	7115.42	7114.35	7113.26	7112.18	7111.14	7110.16	7109.28

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**CANDELA TABULATION - (Cont.)**

43.0	6881.90	6881.16	6880.02	6878.84	6877.64	6876.45	6875.29	6874.19	6873.18	6872.29
43.5	6639.81	6638.83	6637.24	6635.58	6633.90	6632.23	6630.61	6629.08	6627.68	6626.45
44.0	6390.53	6389.39	6387.44	6385.42	6383.37	6381.33	6379.36	6377.52	6375.84	6374.38
44.5	6133.00	6131.74	6129.95	6128.13	6126.31	6124.55	6122.88	6121.36	6120.03	6118.92
45.0	5871.29	5869.86	5868.32	5866.82	5865.38	5864.04	5862.82	5861.76	5860.90	5860.27
45.5	5608.67	5606.69	5605.18	5603.78	5602.50	5601.36	5600.38	5599.58	5598.97	5598.59
46.0	5346.53	5344.15	5342.65	5341.29	5340.09	5339.06	5338.21	5337.54	5337.07	5336.81
46.5	5087.64	5085.68	5084.26	5082.95	5081.76	5080.71	5079.80	5079.07	5078.53	5078.18
47.0	4831.09	4829.67	4828.36	4827.09	4825.90	4824.81	4823.84	4823.02	4822.37	4821.91
47.5	4576.01	4574.72	4573.50	4572.33	4571.23	4570.23	4569.34	4568.60	4568.03	4567.65
48.0	4325.11	4323.72	4322.54	4321.43	4320.41	4319.50	4318.72	4318.09	4317.64	4317.37
48.5	4080.75	4078.82	4077.47	4076.23	4075.14	4074.19	4073.42	4072.84	4072.46	4072.30
49.0	3843.14	3840.90	3839.48	3838.20	3837.09	3836.15	3835.40	3834.85	3834.51	3834.40
49.5	3613.70	3612.41	3611.50	3610.67	3609.90	3609.21	3608.62	3608.11	3607.72	3607.43
50.0	3391.11	3390.75	3390.33	3389.89	3389.43	3388.97	3388.51	3388.05	3387.61	3387.18
50.5	3173.13	3172.40	3171.72	3171.06	3170.43	3169.85	3169.32	3168.86	3168.48	3168.19
51.0	2963.97	2962.64	2961.63	2960.70	2959.88	2959.17	2958.61	2958.19	2957.95	2957.89
51.5	2767.85	2766.46	2765.61	2764.87	2764.25	2763.77	2763.44	2763.26	2763.26	2763.42
52.0	2582.46	2581.22	2580.62	2580.15	2579.81	2579.59	2579.50	2579.56	2579.74	2580.07
52.5	2406.98	2406.05	2405.59	2405.21	2404.94	2404.77	2404.71	2404.75	2404.91	2405.19
53.0	2241.25	2240.61	2240.23	2239.92	2239.68	2239.51	2239.43	2239.43	2239.53	2239.73
53.5	2084.47	2083.78	2083.48	2083.26	2083.13	2083.09	2083.14	2083.28	2083.53	2083.88
54.0	1937.71	1937.00	1936.71	1936.51	1936.40	1936.39	1936.48	1936.67	1936.97	1937.38
54.5	1803.36	1803.02	1802.51	1802.01	1801.53	1801.09	1800.71	1800.40	1800.18	1800.06
55.0	1676.69	1676.70	1676.12	1675.48	1674.81	1674.13	1673.47	1672.85	1672.29	1671.83
55.5	1551.96	1552.01	1552.09	1552.20	1552.35	1552.53	1552.75	1553.01	1553.32	1553.68
56.0	1434.49	1434.38	1435.02	1435.80	1436.68	1437.66	1438.72	1439.82	1440.97	1442.12
56.5	1329.09	1328.48	1328.64	1328.92	1329.32	1329.81	1330.38	1331.03	1331.74	1332.48
57.0	1231.56	1230.57	1230.12	1229.77	1229.50	1229.31	1229.21	1229.18	1229.24	1229.37
57.5	1138.68	1138.05	1137.69	1137.39	1137.14	1136.94	1136.81	1136.75	1136.75	1136.83
58.0	1052.27	1052.13	1051.99	1051.86	1051.76	1051.70	1051.67	1051.69	1051.76	1051.88
58.5	973.60	973.54	973.38	973.22	973.07	972.95	972.86	972.81	972.81	972.86
59.0	901.17	901.09	900.88	900.67	900.47	900.29	900.13	900.02	899.94	899.93
59.5	833.84	833.75	833.58	833.41	833.25	833.11	832.98	832.88	832.82	832.80
60.0	771.85	771.76	771.64	771.53	771.42	771.32	771.24	771.18	771.14	771.12
60.5	715.33	715.27	715.18	715.08	714.99	714.91	714.83	714.76	714.71	714.67
61.0	663.57	663.53	663.44	663.34	663.24	663.14	663.04	662.94	662.85	662.78
61.5	616.02	616.00	615.86	615.71	615.55	615.38	615.20	615.03	614.86	614.69
62.0	572.27	572.25	572.07	571.87	571.65	571.41	571.17	570.92	570.68	570.44
62.5	531.71	531.70	531.53	531.33	531.12	530.89	530.64	530.39	530.14	529.90
63.0	494.38	494.37	494.21	494.04	493.84	493.62	493.39	493.16	492.92	492.68
63.5	460.30	460.27	460.10	459.92	459.71	459.48	459.23	458.98	458.72	458.45
64.0	428.94	428.86	428.68	428.48	428.26	428.02	427.76	427.49	427.21	426.92
64.5	399.70	399.48	399.26	399.04	398.81	398.58	398.34	398.10	397.86	397.63
65.0	372.88	372.58	372.35	372.12	371.89	371.67	371.45	371.24	371.02	370.82
65.5	349.02	348.94	348.79	348.61	348.41	348.18	347.94	347.67	347.38	347.08
66.0	326.82	326.96	326.87	326.74	326.55	326.32	326.04	325.72	325.35	324.95
66.5	304.74	304.81	304.68	304.51	304.30	304.04	303.75	303.42	303.06	302.66
67.0	283.98	283.93	283.74	283.52	283.28	283.00	282.71	282.39	282.05	281.70
67.5	265.46	265.39	265.21	265.01	264.77	264.51	264.23	263.92	263.59	263.25
68.0	248.47	248.42	248.26	248.07	247.85	247.60	247.33	247.03	246.71	246.36
68.5	232.63	232.58	232.41	232.21	231.98	231.72	231.43	231.12	230.79	230.44
69.0	217.93	217.87	217.69	217.47	217.23	216.96	216.66	216.34	216.00	215.65
69.5	204.16	204.09	203.91	203.70	203.46	203.20	202.92	202.61	202.29	201.95
70.0	191.48	191.40	191.23	191.04	190.82	190.58	190.31	190.02	189.72	189.39
70.5	180.14	180.10	179.96	179.79	179.60	179.37	179.12	178.84	178.53	178.20

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**CANDELA TABULATION - (Cont.)**

71.0	169.64	169.62	169.50	169.35	169.16	168.95	168.71	168.44	168.14	167.81
71.5	159.41	159.28	159.13	158.96	158.76	158.55	158.32	158.07	157.79	157.50
72.0	149.91	149.69	149.50	149.31	149.11	148.89	148.67	148.44	148.19	147.93
72.5	141.55	141.38	141.22	141.05	140.86	140.67	140.45	140.23	139.99	139.74
73.0	133.93	133.84	133.71	133.56	133.39	133.21	133.01	132.78	132.54	132.29
73.5	126.82	126.75	126.61	126.45	126.27	126.07	125.85	125.62	125.36	125.10
74.0	120.13	120.06	119.91	119.74	119.55	119.34	119.11	118.86	118.60	118.33
74.5	113.67	113.61	113.48	113.33	113.15	112.96	112.75	112.53	112.28	112.03
75.0	107.48	107.44	107.33	107.21	107.06	106.89	106.71	106.51	106.29	106.05
75.5	101.58	101.56	101.46	101.35	101.21	101.06	100.89	100.71	100.50	100.28
76.0	95.92	95.90	95.81	95.71	95.59	95.45	95.30	95.12	94.93	94.72
76.5	90.45	90.43	90.36	90.27	90.16	90.03	89.88	89.72	89.54	89.34
77.0	85.12	85.11	85.05	84.97	84.87	84.76	84.62	84.47	84.30	84.12
77.5	79.88	79.88	79.83	79.76	79.68	79.58	79.46	79.32	79.17	79.00
78.0	74.74	74.76	74.72	74.67	74.60	74.51	74.40	74.28	74.14	73.99
78.5	69.74	69.75	69.72	69.67	69.61	69.54	69.44	69.33	69.21	69.06
79.0	64.82	64.84	64.81	64.77	64.72	64.65	64.57	64.47	64.36	64.23
79.5	59.99	60.00	59.99	59.96	59.92	59.86	59.80	59.71	59.62	59.51
80.0	55.21	55.23	55.22	55.20	55.17	55.13	55.07	55.00	54.92	54.82
80.5	50.51	50.55	50.53	50.50	50.46	50.41	50.35	50.27	50.18	50.08
81.0	45.79	45.84	45.81	45.78	45.73	45.67	45.60	45.51	45.42	45.31
81.5	40.87	40.93	40.91	40.88	40.84	40.79	40.72	40.65	40.56	40.47
82.0	35.94	36.01	36.00	35.99	35.96	35.92	35.87	35.81	35.74	35.67
82.5	31.08	31.15	31.16	31.16	31.15	31.13	31.11	31.07	31.03	30.98
83.0	26.43	26.51	26.54	26.55	26.56	26.56	26.55	26.53	26.51	26.49
83.5	22.25	22.33	22.36	22.37	22.38	22.38	22.37	22.36	22.34	22.32
84.0	18.34	18.42	18.44	18.45	18.45	18.45	18.45	18.43	18.42	18.40
84.5	14.55	14.62	14.65	14.67	14.68	14.69	14.70	14.70	14.69	14.69
85.0	10.98	11.04	11.07	11.10	11.12	11.14	11.15	11.16	11.17	11.17
85.5	7.52	7.57	7.59	7.60	7.61	7.62	7.63	7.63	7.64	7.64
86.0	4.65	4.68	4.69	4.69	4.69	4.69	4.69	4.69	4.70	4.70
86.5	2.95	2.97	2.98	2.99	3.00	3.01	3.01	3.02	3.03	3.04
87.0	2.02	2.03	2.04	2.06	2.07	2.09	2.10	2.12	2.13	2.15
87.5	1.74	1.74	1.75	1.76	1.76	1.77	1.78	1.79	1.80	1.81
88.0	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.79	1.79
88.5	1.75	1.75	1.75	1.75	1.75	1.74	1.74	1.74	1.74	1.74
89.0	1.77	1.77	1.77	1.76	1.76	1.76	1.76	1.75	1.75	1.75
89.5	1.81	1.81	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
90.0	1.88	1.87	1.87	1.88	1.88	1.88	1.88	1.88	1.88	1.89

**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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8088.96	8088.96	8088.95	8088.94	8088.94	8088.94	8088.95	8088.97	8088.99	8089.02
1.0	8088.82	8088.80	8088.78	8088.76	8088.75	8088.75	8088.76	8088.77	8088.80	8088.85
1.5	8088.72	8088.67	8088.63	8088.59	8088.56	8088.53	8088.52	8088.53	8088.54	8088.58
2.0	8088.55	8088.49	8088.43	8088.38	8088.33	8088.30	8088.28	8088.27	8088.28	8088.31
2.5	8088.13	8088.10	8088.06	8088.04	8088.03	8088.03	8088.05	8088.08	8088.13	8088.19
3.0	8087.74	8087.73	8087.72	8087.72	8087.74	8087.77	8087.81	8087.87	8087.95	8088.04
3.5	8087.70	8087.65	8087.61	8087.57	8087.55	8087.53	8087.53	8087.55	8087.58	8087.64
4.0	8087.73	8087.64	8087.56	8087.47	8087.40	8087.33	8087.28	8087.24	8087.23	8087.24
4.5	8087.60	8087.51	8087.42	8087.32	8087.24	8087.16	8087.09	8087.04	8087.01	8087.00
5.0	8087.47	8087.39	8087.32	8087.24	8087.16	8087.10	8087.04	8087.00	8086.97	8086.97
5.5	8087.38	8087.35	8087.31	8087.29	8087.26	8087.24	8087.23	8087.24	8087.26	8087.29
6.0	8087.46	8087.47	8087.48	8087.49	8087.52	8087.55	8087.59	8087.65	8087.71	8087.79

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**CANDELA TABULATION - (Cont.)**

6.5	8087.84	8087.84	8087.85	8087.87	8087.89	8087.93	8087.98	8088.04	8088.11	8088.20
7.0	8088.56	8088.55	8088.55	8088.56	8088.58	8088.61	8088.65	8088.71	8088.78	8088.87
7.5	8089.72	8089.73	8089.74	8089.77	8089.80	8089.85	8089.91	8089.98	8090.06	8090.16
8.0	8091.25	8091.28	8091.31	8091.35	8091.40	8091.47	8091.54	8091.62	8091.72	8091.83
8.5	8093.07	8093.09	8093.12	8093.17	8093.22	8093.28	8093.36	8093.45	8093.55	8093.66
9.0	8095.32	8095.35	8095.38	8095.42	8095.47	8095.53	8095.61	8095.69	8095.80	8095.91
9.5	8098.17	8098.20	8098.24	8098.29	8098.35	8098.42	8098.49	8098.58	8098.68	8098.79
10.0	8101.57	8101.61	8101.66	8101.71	8101.77	8101.84	8101.91	8101.98	8102.07	8102.16
10.5	8105.59	8105.62	8105.65	8105.68	8105.72	8105.76	8105.80	8105.85	8105.91	8105.97
11.0	8110.12	8110.13	8110.14	8110.15	8110.16	8110.16	8110.17	8110.19	8110.21	8110.25
11.5	8115.08	8115.08	8115.08	8115.07	8115.05	8115.03	8115.01	8115.00	8115.00	8115.01
12.0	8120.46	8120.46	8120.44	8120.41	8120.37	8120.33	8120.29	8120.26	8120.24	8120.24
12.5	8126.20	8126.18	8126.15	8126.10	8126.05	8126.00	8125.96	8125.93	8125.91	8125.91
13.0	8132.37	8132.33	8132.28	8132.23	8132.17	8132.12	8132.09	8132.06	8132.06	8132.08
13.5	8139.03	8138.98	8138.93	8138.87	8138.82	8138.78	8138.75	8138.74	8138.75	8138.80
14.0	8146.09	8146.04	8145.99	8145.94	8145.89	8145.86	8145.84	8145.85	8145.88	8145.95
14.5	8153.41	8153.37	8153.33	8153.29	8153.26	8153.24	8153.23	8153.25	8153.29	8153.37
15.0	8161.24	8161.21	8161.18	8161.14	8161.12	8161.10	8161.09	8161.11	8161.15	8161.22
15.5	8169.80	8169.76	8169.71	8169.66	8169.62	8169.58	8169.56	8169.55	8169.58	8169.63
16.0	8179.03	8178.97	8178.90	8178.82	8178.75	8178.69	8178.64	8178.61	8178.61	8178.64
16.5	8189.04	8188.95	8188.85	8188.75	8188.64	8188.55	8188.47	8188.41	8188.39	8188.41
17.0	8199.52	8199.42	8199.30	8199.17	8199.04	8198.92	8198.81	8198.74	8198.69	8198.70
17.5	8210.12	8210.04	8209.94	8209.83	8209.71	8209.59	8209.49	8209.40	8209.35	8209.33
18.0	8221.12	8221.06	8220.96	8220.85	8220.73	8220.61	8220.50	8220.40	8220.34	8220.30
18.5	8232.78	8232.63	8232.45	8232.25	8232.04	8231.84	8231.66	8231.51	8231.40	8231.35
19.0	8244.89	8244.67	8244.41	8244.14	8243.87	8243.61	8243.39	8243.21	8243.09	8243.05
19.5	8257.12	8256.94	8256.74	8256.54	8256.36	8256.20	8256.08	8256.00	8255.99	8256.06
20.0	8270.13	8270.00	8269.88	8269.77	8269.68	8269.62	8269.60	8269.64	8269.73	8269.90
20.5	8284.88	8284.74	8284.59	8284.44	8284.31	8284.20	8284.13	8284.12	8284.17	8284.30
21.0	8300.14	8299.97	8299.79	8299.60	8299.43	8299.27	8299.17	8299.11	8299.13	8299.24
21.5	8314.57	8314.41	8314.25	8314.12	8314.01	8313.95	8313.96	8314.04	8314.21	8314.48
22.0	8329.49	8329.33	8329.22	8329.15	8329.14	8329.21	8329.36	8329.60	8329.95	8330.42
22.5	8345.74	8345.61	8345.54	8345.52	8345.58	8345.72	8345.96	8346.30	8346.76	8347.35
23.0	8363.32	8363.21	8363.15	8363.17	8363.26	8363.45	8363.75	8364.17	8364.72	8365.41
23.5	8382.67	8382.50	8382.40	8382.38	8382.46	8382.66	8382.98	8383.44	8384.05	8384.84
24.0	8403.29	8403.07	8402.93	8402.89	8402.96	8403.16	8403.50	8404.00	8404.68	8405.54
24.5	8424.66	8424.47	8424.37	8424.38	8424.51	8424.77	8425.18	8425.75	8426.49	8427.41
25.0	8447.30	8447.15	8447.12	8447.20	8447.41	8447.75	8448.25	8448.90	8449.73	8450.72
25.5	8471.51	8471.40	8471.41	8471.55	8471.84	8472.28	8472.88	8473.66	8474.60	8475.74
26.0	8497.41	8497.31	8497.35	8497.54	8497.90	8498.42	8499.12	8500.00	8501.08	8502.35
26.5	8525.24	8525.11	8525.15	8525.36	8525.74	8526.31	8527.06	8528.01	8529.16	8530.52
27.0	8554.89	8554.73	8554.75	8554.95	8555.34	8555.92	8556.70	8557.68	8558.87	8560.28
27.5	8586.21	8586.03	8586.04	8586.22	8586.59	8587.16	8587.92	8588.90	8590.09	8591.51
28.0	8619.58	8619.39	8619.37	8619.52	8619.86	8620.38	8621.11	8622.05	8623.21	8624.60
28.5	8655.79	8655.55	8655.47	8655.56	8655.83	8656.30	8656.96	8657.84	8658.94	8660.27
29.0	8693.59	8693.29	8693.15	8693.18	8693.39	8693.79	8694.38	8695.18	8696.20	8697.44
29.5	8732.08	8731.76	8731.60	8731.59	8731.75	8732.08	8732.60	8733.31	8734.23	8735.35
30.0	8771.01	8770.69	8770.51	8770.47	8770.59	8770.87	8771.32	8771.94	8772.75	8773.76
30.5	8810.03	8809.69	8809.48	8809.42	8809.50	8809.74	8810.14	8810.70	8811.44	8812.36
31.0	8848.57	8848.24	8848.03	8847.96	8848.02	8848.23	8848.59	8849.09	8849.75	8850.58
31.5	8886.68	8886.42	8886.26	8886.19	8886.22	8886.36	8886.62	8886.99	8887.48	8888.11
32.0	8922.15	8922.07	8922.05	8922.08	8922.18	8922.35	8922.59	8922.91	8923.31	8923.79
32.5	8952.99	8953.30	8953.65	8954.05	8954.49	8954.96	8955.46	8955.99	8956.55	8957.12
33.0	8978.56	8979.31	8980.11	8980.93	8981.77	8982.62	8983.45	8984.25	8985.02	8985.74
33.5	8997.95	8999.09	9000.24	9001.40	9002.55	9003.66	9004.72	9005.71	9006.62	9007.42
34.0	9009.93	9011.44	9012.93	9014.39	9015.79	9017.11	9018.35	9019.47	9020.45	9021.29



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**CANDELA TABULATION - (Cont.)**

34.5	9013.67	9015.56	9017.38	9019.10	9020.71	9022.19	9023.50	9024.64	9025.59	9026.31
35.0	9007.08	9009.29	9011.38	9013.32	9015.09	9016.68	9018.05	9019.18	9020.06	9020.67
35.5	8988.35	8990.73	8992.95	8994.99	8996.83	8998.46	8999.86	9001.00	9001.87	9002.45
36.0	8955.84	8958.35	8960.69	8962.85	8964.81	8966.55	8968.04	8969.26	8970.20	8970.84
36.5	8906.75	8909.52	8912.18	8914.70	8917.03	8919.15	8921.02	8922.59	8923.84	8924.72
37.0	8842.71	8845.67	8848.58	8851.39	8854.04	8856.47	8858.65	8860.51	8862.00	8863.06
37.5	8765.32	8768.22	8771.06	8773.78	8776.32	8778.65	8780.69	8782.41	8783.74	8784.64
38.0	8671.91	8674.62	8677.24	8679.71	8682.00	8684.06	8685.82	8687.25	8688.30	8688.91
38.5	8559.76	8562.16	8564.46	8566.63	8568.60	8570.34	8571.81	8572.95	8573.73	8574.09
39.0	8430.61	8432.71	8434.74	8436.64	8438.36	8439.86	8441.10	8442.03	8442.60	8442.78
39.5	8285.08	8287.14	8289.17	8291.12	8292.92	8294.52	8295.86	8296.87	8297.51	8297.71
40.0	8123.74	8125.75	8127.78	8129.76	8131.63	8133.31	8134.73	8135.82	8136.51	8136.72
40.5	7946.94	7948.64	7950.37	7952.07	7953.65	7955.05	7956.19	7957.00	7957.41	7957.34
41.0	7755.97	7757.29	7758.65	7759.97	7761.18	7762.21	7762.99	7763.46	7763.54	7763.16
41.5	7551.87	7552.81	7553.79	7554.76	7555.65	7556.39	7556.91	7557.15	7557.03	7556.50
42.0	7335.72	7336.38	7337.11	7337.85	7338.52	7339.07	7339.42	7339.51	7339.28	7338.65
42.5	7108.51	7109.21	7109.99	7110.76	7111.46	7112.02	7112.36	7112.40	7112.08	7111.32
43.0	6871.53	6872.42	6873.39	6874.36	6875.24	6875.96	6876.43	6876.56	6876.28	6875.49
43.5	6625.43	6626.51	6627.74	6629.01	6630.24	6631.31	6632.13	6632.60	6632.62	6632.09
44.0	6373.19	6374.52	6376.05	6377.67	6379.27	6380.74	6381.96	6382.81	6383.18	6382.95
44.5	6118.10	6119.79	6121.68	6123.65	6125.58	6127.36	6128.86	6129.95	6130.53	6130.47
45.0	5859.90	5861.87	5864.02	5866.22	5868.36	5870.30	5871.95	5873.16	5873.83	5873.83
45.5	5598.45	5600.35	5602.40	5604.47	5606.47	5608.27	5609.77	5610.84	5611.38	5611.26
46.0	5336.78	5338.53	5340.40	5342.30	5344.10	5345.71	5347.01	5347.90	5348.28	5348.03
46.5	5078.06	5079.83	5081.73	5083.64	5085.47	5087.09	5088.41	5089.31	5089.68	5089.42
47.0	4821.68	4823.50	4825.46	4827.43	4829.32	4831.02	4832.40	4833.35	4833.78	4833.55
47.5	4567.48	4569.30	4571.26	4573.24	4575.14	4576.85	4578.25	4579.25	4579.73	4579.59
48.0	4317.31	4319.14	4321.10	4323.09	4325.00	4326.73	4328.17	4329.23	4329.79	4329.76
48.5	4072.38	4074.33	4076.44	4078.59	4080.68	4082.60	4084.26	4085.54	4086.34	4086.56
49.0	3834.52	3836.40	3838.44	3840.52	3842.56	3844.44	3846.06	3847.33	3848.15	3848.41
49.5	3607.26	3608.30	3609.40	3610.47	3611.46	3612.28	3612.87	3613.14	3613.04	3612.48
50.0	3386.77	3387.12	3387.46	3387.73	3387.87	3387.84	3387.59	3387.07	3386.22	3385.01
50.5	3168.01	3168.98	3169.99	3170.99	3171.90	3172.67	3173.23	3173.50	3173.43	3172.94
51.0	2958.04	2959.78	2961.66	2963.59	2965.48	2967.25	2968.81	2970.07	2970.95	2971.36
51.5	2763.78	2765.56	2767.45	2769.38	2771.27	2773.03	2774.58	2775.84	2776.73	2777.16
52.0	2580.55	2582.15	2583.82	2585.51	2587.13	2588.61	2589.88	2590.88	2591.54	2591.77
52.5	2405.58	2407.01	2408.49	2409.97	2411.39	2412.67	2413.76	2414.59	2415.10	2415.23
53.0	2240.04	2241.32	2242.65	2243.98	2245.25	2246.39	2247.35	2248.07	2248.49	2248.55
53.5	2084.33	2085.71	2087.14	2088.55	2089.91	2091.14	2092.19	2093.00	2093.52	2093.67
54.0	1937.89	1939.31	1940.79	1942.27	1943.69	1945.00	1946.13	1947.03	1947.65	1947.92
54.5	1800.06	1801.10	1802.23	1803.38	1804.53	1805.60	1806.56	1807.34	1807.90	1808.20
55.0	1671.48	1672.20	1673.02	1673.89	1674.76	1675.60	1676.35	1676.97	1677.41	1677.64
55.5	1554.09	1555.17	1556.26	1557.33	1558.31	1559.18	1559.89	1560.39	1560.64	1560.59
56.0	1443.28	1444.70	1446.06	1447.31	1448.42	1449.35	1450.04	1450.47	1450.59	1450.36
56.5	1333.26	1334.27	1335.27	1336.23	1337.11	1337.88	1338.52	1338.99	1339.27	1339.32
57.0	1229.58	1230.12	1230.71	1231.34	1231.98	1232.60	1233.20	1233.74	1234.21	1234.58
57.5	1136.98	1137.57	1138.21	1138.89	1139.57	1140.23	1140.84	1141.39	1141.85	1142.20
58.0	1052.07	1052.81	1053.58	1054.37	1055.14	1055.86	1056.50	1057.04	1057.44	1057.68
58.5	972.98	973.68	974.43	975.18	975.93	976.63	977.26	977.79	978.18	978.42
59.0	899.97	900.58	901.23	901.89	902.56	903.18	903.75	904.23	904.59	904.82
59.5	832.82	833.28	833.76	834.26	834.75	835.21	835.62	835.95	836.19	836.31
60.0	771.13	771.43	771.75	772.07	772.38	772.66	772.89	773.07	773.16	773.17
60.5	714.65	714.86	715.08	715.29	715.49	715.66	715.79	715.86	715.87	715.79
61.0	662.71	662.84	662.98	663.11	663.23	663.32	663.37	663.37	663.31	663.18
61.5	614.54	614.59	614.63	614.68	614.72	614.73	614.72	614.66	614.56	614.40
62.0	570.21	570.17	570.14	570.12	570.09	570.04	569.98	569.88	569.75	569.58

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**CANDELA TABULATION - (Cont.)**

62.5	529.66	529.59	529.52	529.46	529.38	529.30	529.20	529.07	528.91	528.71
63.0	492.44	492.34	492.24	492.13	492.02	491.89	491.75	491.59	491.39	491.17
63.5	458.18	457.99	457.80	457.61	457.41	457.20	456.99	456.76	456.51	456.24
64.0	426.63	426.38	426.12	425.86	425.60	425.34	425.07	424.79	424.51	424.23
64.5	397.39	397.19	397.00	396.81	396.62	396.42	396.22	396.02	395.81	395.60
65.0	370.61	370.44	370.27	370.11	369.94	369.78	369.61	369.44	369.26	369.08
65.5	346.75	346.37	345.97	345.57	345.16	344.75	344.34	343.94	343.55	343.18
66.0	324.50	323.92	323.31	322.68	322.04	321.40	320.77	320.16	319.57	319.02
66.5	302.24	301.73	301.21	300.66	300.12	299.57	299.04	298.52	298.02	297.55
67.0	281.33	280.94	280.54	280.14	279.73	279.34	278.94	278.57	278.20	277.86
67.5	262.89	262.47	262.05	261.62	261.20	260.78	260.37	259.97	259.59	259.24
68.0	245.99	245.54	245.08	244.60	244.13	243.66	243.21	242.77	242.36	241.98
68.5	230.07	229.62	229.17	228.71	228.25	227.80	227.36	226.94	226.54	226.18
69.0	215.27	214.85	214.42	213.99	213.56	213.14	212.72	212.32	211.95	211.60
69.5	201.59	201.19	200.77	200.35	199.94	199.53	199.13	198.74	198.38	198.04
70.0	189.05	188.65	188.23	187.81	187.40	186.98	186.58	186.20	185.83	185.49
70.5	177.85	177.41	176.95	176.48	176.02	175.55	175.10	174.67	174.26	173.88
71.0	167.46	166.99	166.50	166.00	165.49	164.99	164.51	164.04	163.60	163.20
71.5	157.19	156.77	156.33	155.89	155.45	155.01	154.58	154.18	153.80	153.45
72.0	147.66	147.30	146.93	146.55	146.18	145.81	145.46	145.12	144.81	144.53
72.5	139.47	139.11	138.74	138.37	138.00	137.63	137.28	136.94	136.63	136.34
73.0	132.01	131.64	131.27	130.88	130.50	130.12	129.75	129.41	129.09	128.79
73.5	124.81	124.46	124.10	123.73	123.37	123.01	122.67	122.34	122.04	121.77
74.0	118.04	117.70	117.36	117.01	116.67	116.34	116.02	115.72	115.44	115.19
74.5	111.76	111.43	111.09	110.75	110.42	110.09	109.78	109.48	109.21	108.96
75.0	105.80	105.48	105.15	104.82	104.48	104.16	103.84	103.55	103.28	103.03
75.5	100.05	99.73	99.41	99.09	98.76	98.44	98.13	97.84	97.57	97.32
76.0	94.50	94.19	93.88	93.56	93.24	92.92	92.62	92.33	92.06	91.81
76.5	89.13	88.82	88.51	88.19	87.87	87.55	87.24	86.95	86.68	86.43
77.0	83.91	83.61	83.30	82.98	82.65	82.34	82.03	81.74	81.47	81.23
77.5	78.81	78.52	78.22	77.92	77.61	77.30	77.01	76.73	76.47	76.24
78.0	73.81	73.55	73.27	72.98	72.69	72.40	72.12	71.86	71.61	71.39
78.5	68.90	68.65	68.39	68.12	67.84	67.57	67.31	67.06	66.83	66.62
79.0	64.08	63.85	63.60	63.35	63.10	62.84	62.60	62.37	62.15	61.96
79.5	59.38	59.17	58.94	58.71	58.48	58.24	58.02	57.81	57.61	57.43
80.0	54.71	54.52	54.31	54.10	53.89	53.68	53.48	53.29	53.11	52.96
80.5	49.97	49.80	49.62	49.43	49.25	49.07	48.89	48.73	48.58	48.45
81.0	45.20	45.05	44.89	44.74	44.58	44.43	44.28	44.15	44.03	43.92
81.5	40.37	40.24	40.10	39.96	39.83	39.70	39.57	39.46	39.36	39.28
82.0	35.59	35.48	35.36	35.24	35.13	35.02	34.92	34.83	34.75	34.69
82.5	30.92	30.84	30.75	30.67	30.58	30.50	30.42	30.36	30.30	30.26
83.0	26.45	26.40	26.34	26.28	26.23	26.17	26.12	26.08	26.05	26.02
83.5	22.30	22.27	22.24	22.21	22.19	22.16	22.14	22.12	22.11	22.11
84.0	18.39	18.38	18.37	18.36	18.35	18.35	18.34	18.35	18.35	18.36
84.5	14.68	14.66	14.65	14.64	14.62	14.61	14.60	14.59	14.58	14.58
85.0	11.17	11.15	11.14	11.12	11.10	11.08	11.06	11.04	11.02	11.01
85.5	7.65	7.66	7.68	7.69	7.70	7.72	7.73	7.73	7.74	7.74
86.0	4.71	4.75	4.79	4.84	4.88	4.92	4.96	4.99	5.02	5.03
86.5	3.05	3.09	3.12	3.15	3.18	3.21	3.23	3.25	3.27	3.28
87.0	2.16	2.17	2.18	2.19	2.20	2.21	2.21	2.22	2.22	2.22
87.5	1.82	1.83	1.83	1.84	1.84	1.84	1.85	1.85	1.85	1.85
88.0	1.79	1.80	1.80	1.80	1.81	1.81	1.82	1.82	1.82	1.83
88.5	1.74	1.74	1.75	1.75	1.75	1.76	1.76	1.76	1.77	1.77
89.0	1.75	1.75	1.75	1.76	1.76	1.76	1.76	1.77	1.77	1.77
89.5	1.80	1.80	1.80	1.79	1.79	1.79	1.79	1.79	1.79	1.79
90.0	1.89	1.88	1.88	1.87	1.87	1.86	1.86	1.85	1.85	1.85

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

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>250.0</u></b>	<b><u>252.5</u></b>	<b><u>255.0</u></b>	<b><u>257.5</u></b>	<b><u>260.0</u></b>	<b><u>262.5</u></b>	<b><u>265.0</u></b>	<b><u>267.5</u></b>	<b><u>270.0</u></b>	<b><u>272.5</u></b>
<b>0.0</b>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8089.07	8089.13	8089.20	8089.28	8089.37	8089.47	8089.57	8089.69	8089.81	8089.65
<b>1.0</b>	8088.93	8089.03	8089.15	8089.28	8089.43	8089.59	8089.77	8089.97	8090.18	8089.91
<b>1.5</b>	8088.67	8088.78	8088.91	8089.06	8089.24	8089.43	8089.64	8089.87	8090.13	8089.83
<b>2.0</b>	8088.40	8088.51	8088.64	8088.80	8088.98	8089.18	8089.40	8089.65	8089.91	8089.62
<b>2.5</b>	8088.30	8088.42	8088.56	8088.72	8088.90	8089.10	8089.32	8089.56	8089.82	8089.51
<b>3.0</b>	8088.15	8088.28	8088.43	8088.60	8088.78	8088.97	8089.18	8089.41	8089.66	8089.36
<b>3.5</b>	8087.73	8087.85	8087.99	8088.15	8088.33	8088.53	8088.75	8088.99	8089.25	8089.00
<b>4.0</b>	8087.31	8087.41	8087.54	8087.69	8087.87	8088.08	8088.31	8088.57	8088.85	8088.64
<b>4.5</b>	8087.08	8087.17	8087.30	8087.46	8087.64	8087.85	8088.08	8088.35	8088.64	8088.44
<b>5.0</b>	8087.05	8087.15	8087.28	8087.44	8087.62	8087.82	8088.06	8088.32	8088.60	8088.41
<b>5.5</b>	8087.38	8087.49	8087.62	8087.76	8087.93	8088.12	8088.32	8088.54	8088.79	8088.64
<b>6.0</b>	8087.89	8088.00	8088.13	8088.27	8088.43	8088.59	8088.77	8088.96	8089.17	8089.07
<b>6.5</b>	8088.30	8088.43	8088.57	8088.72	8088.89	8089.07	8089.26	8089.47	8089.69	8089.61
<b>7.0</b>	8088.99	8089.12	8089.27	8089.44	8089.62	8089.82	8090.03	8090.26	8090.51	8090.43
<b>7.5</b>	8090.28	8090.42	8090.57	8090.74	8090.92	8091.11	8091.32	8091.55	8091.79	8091.70
<b>8.0</b>	8091.95	8092.09	8092.25	8092.41	8092.59	8092.78	8092.99	8093.21	8093.43	8093.32
<b>8.5</b>	8093.80	8093.96	8094.13	8094.31	8094.50	8094.72	8094.94	8095.18	8095.44	8095.22
<b>9.0</b>	8096.06	8096.22	8096.39	8096.58	8096.79	8097.01	8097.25	8097.50	8097.77	8097.46
<b>9.5</b>	8098.92	8099.06	8099.21	8099.37	8099.54	8099.73	8099.93	8100.14	8100.36	8100.06
<b>10.0</b>	8102.27	8102.38	8102.50	8102.63	8102.77	8102.91	8103.06	8103.22	8103.39	8103.13
<b>10.5</b>	8106.06	8106.15	8106.25	8106.36	8106.48	8106.61	8106.75	8106.89	8107.05	8106.78
<b>11.0</b>	8110.32	8110.40	8110.50	8110.60	8110.72	8110.85	8110.99	8111.14	8111.31	8111.02
<b>11.5</b>	8115.08	8115.17	8115.27	8115.39	8115.53	8115.68	8115.85	8116.03	8116.23	8115.92
<b>12.0</b>	8120.32	8120.42	8120.54	8120.68	8120.85	8121.03	8121.24	8121.46	8121.71	8121.36
<b>12.5</b>	8126.00	8126.11	8126.25	8126.41	8126.59	8126.80	8127.03	8127.29	8127.57	8127.19
<b>13.0</b>	8132.18	8132.31	8132.47	8132.66	8132.88	8133.12	8133.39	8133.68	8134.01	8133.58
<b>13.5</b>	8138.95	8139.13	8139.35	8139.60	8139.89	8140.21	8140.56	8140.95	8141.38	8140.79
<b>14.0</b>	8146.14	8146.37	8146.63	8146.94	8147.29	8147.67	8148.10	8148.56	8149.07	8148.35
<b>14.5</b>	8153.55	8153.77	8154.02	8154.31	8154.65	8155.01	8155.42	8155.86	8156.33	8155.68
<b>15.0</b>	8161.39	8161.59	8161.82	8162.09	8162.39	8162.72	8163.09	8163.49	8163.92	8163.33
<b>15.5</b>	8169.79	8169.99	8170.23	8170.50	8170.80	8171.14	8171.52	8171.93	8172.38	8171.68
<b>16.0</b>	8178.80	8179.01	8179.25	8179.54	8179.86	8180.23	8180.63	8181.08	8181.57	8180.74
<b>16.5</b>	8188.58	8188.80	8189.07	8189.39	8189.75	8190.17	8190.63	8191.14	8191.69	8190.85
<b>17.0</b>	8198.87	8199.10	8199.39	8199.73	8200.12	8200.57	8201.06	8201.62	8202.22	8201.39
<b>17.5</b>	8209.48	8209.67	8209.91	8210.20	8210.53	8210.91	8211.33	8211.81	8212.32	8211.55
<b>18.0</b>	8220.43	8220.60	8220.82	8221.09	8221.39	8221.74	8222.13	8222.57	8223.05	8222.28
<b>18.5</b>	8231.53	8231.78	8232.10	8232.49	8232.95	8233.47	8234.06	8234.72	8235.45	8234.52
<b>19.0</b>	8243.30	8243.65	8244.10	8244.63	8245.26	8245.98	8246.79	8247.69	8248.68	8247.56
<b>19.5</b>	8256.38	8256.79	8257.29	8257.88	8258.55	8259.32	8260.16	8261.10	8262.12	8260.91
<b>20.0</b>	8270.27	8270.73	8271.27	8271.89	8272.59	8273.37	8274.23	8275.17	8276.19	8274.93
<b>20.5</b>	8284.69	8285.17	8285.74	8286.40	8287.14	8287.98	8288.91	8289.92	8291.03	8289.76
<b>21.0</b>	8299.67	8300.20	8300.83	8301.57	8302.41	8303.35	8304.40	8305.55	8306.80	8305.54
<b>21.5</b>	8315.05	8315.74	8316.55	8317.47	8318.51	8319.66	8320.93	8322.31	8323.81	8322.49
<b>22.0</b>	8331.17	8332.05	8333.05	8334.19	8335.45	8336.84	8338.36	8340.00	8341.77	8340.42
<b>22.5</b>	8348.24	8349.26	8350.42	8351.72	8353.16	8354.74	8356.46	8358.31	8360.30	8359.07
<b>23.0</b>	8366.41	8367.57	8368.89	8370.35	8371.97	8373.75	8375.67	8377.75	8379.97	8378.84
<b>23.5</b>	8385.98	8387.31	8388.81	8390.50	8392.36	8394.40	8396.62	8399.02	8401.59	8400.28
<b>24.0</b>	8406.80	8408.26	8409.92	8411.78	8413.84	8416.10	8418.56	8421.21	8424.06	8422.66
<b>24.5</b>	8428.69	8430.17	8431.84	8433.71	8435.76	8438.01	8440.45	8443.09	8445.91	8444.97
<b>25.0</b>	8452.03	8453.52	8455.20	8457.06	8459.11	8461.33	8463.74	8466.33	8469.11	8468.65
<b>25.5</b>	8477.18	8478.82	8480.65	8482.68	8484.90	8487.30	8489.90	8492.69	8495.67	8495.19
<b>26.0</b>	8503.94	8505.73	8507.73	8509.94	8512.35	8514.96	8517.78	8520.80	8524.02	8523.39

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**CANDELA TABULATION - (Cont.)**

26.5	8532.18	8534.05	8536.14	8538.44	8540.94	8543.66	8546.59	8549.73	8553.07	8552.42
27.0	8561.98	8563.90	8566.04	8568.39	8570.97	8573.75	8576.76	8579.98	8583.41	8582.72
27.5	8593.24	8595.21	8597.40	8599.82	8602.46	8605.33	8608.43	8611.75	8615.29	8614.46
28.0	8626.34	8628.31	8630.53	8632.97	8635.65	8638.57	8641.71	8645.09	8648.69	8647.67
28.5	8661.97	8663.90	8666.08	8668.49	8671.13	8674.02	8677.14	8680.49	8684.08	8682.75
29.0	8699.05	8700.90	8702.98	8705.29	8707.84	8710.62	8713.63	8716.87	8720.34	8718.79
29.5	8736.82	8738.50	8740.41	8742.53	8744.87	8747.43	8750.20	8753.19	8756.40	8755.05
30.0	8775.06	8776.57	8778.28	8780.18	8782.29	8784.58	8787.08	8789.77	8792.66	8791.48
30.5	8813.55	8814.92	8816.48	8818.23	8820.15	8822.26	8824.56	8827.03	8829.69	8828.14
31.0	8851.63	8852.85	8854.24	8855.79	8857.50	8859.38	8861.42	8863.63	8866.00	8863.86
31.5	8888.95	8889.92	8891.02	8892.26	8893.63	8895.13	8896.77	8898.54	8900.44	8897.66
32.0	8924.41	8925.13	8925.93	8926.83	8927.81	8928.88	8930.03	8931.27	8932.60	8929.06
32.5	8957.65	8958.19	8958.74	8959.31	8959.90	8960.49	8961.10	8961.72	8962.36	8957.90
33.0	8986.21	8986.62	8986.97	8987.24	8987.46	8987.61	8987.69	8987.71	8987.66	8982.32
33.5	9007.87	9008.21	9008.42	9008.51	9008.48	9008.33	9008.05	9007.67	9007.16	9001.12
34.0	9021.69	9021.91	9021.97	9021.85	9021.57	9021.10	9020.47	9019.67	9018.70	9012.13
34.5	9026.51	9026.48	9026.20	9025.69	9024.93	9023.94	9022.71	9021.24	9019.53	9012.73
35.0	9020.69	9020.41	9019.83	9018.96	9017.79	9016.32	9014.56	9012.50	9010.15	9003.06
35.5	9002.47	9002.17	9001.57	9000.65	8999.43	8997.90	8996.07	8993.92	8991.47	8983.42
36.0	8970.88	8970.60	8969.99	8969.05	8967.80	8966.22	8964.31	8962.09	8959.55	8950.67
36.5	8924.71	8924.30	8923.49	8922.28	8920.67	8918.66	8916.25	8913.45	8910.25	8901.53
37.0	8862.95	8862.36	8861.30	8859.76	8857.75	8855.27	8852.32	8848.90	8845.02	8836.77
37.5	8784.33	8783.54	8782.25	8780.48	8778.22	8775.47	8772.24	8768.53	8764.33	8756.40
38.0	8688.39	8687.39	8685.90	8683.94	8681.49	8678.57	8675.17	8671.30	8666.95	8659.48
38.5	8573.39	8572.22	8570.61	8568.53	8566.00	8563.01	8559.57	8555.68	8551.33	8544.66
39.0	8441.89	8440.56	8438.79	8436.57	8433.90	8430.80	8427.25	8423.26	8418.83	8413.16
39.5	8296.64	8295.07	8293.01	8290.46	8287.41	8283.88	8279.85	8275.34	8270.35	8265.89
40.0	8135.43	8133.60	8131.23	8128.31	8124.86	8120.86	8116.32	8111.25	8105.64	8102.37
40.5	7955.76	7953.63	7950.96	7947.75	7943.99	7939.70	7934.86	7929.48	7923.57	7921.18
41.0	7761.32	7758.95	7756.06	7752.65	7748.71	7744.25	7739.27	7733.77	7727.76	7726.06
41.5	7554.60	7552.22	7549.35	7546.01	7542.18	7537.88	7533.10	7527.85	7522.12	7520.81
42.0	7336.69	7334.27	7331.40	7328.07	7324.29	7320.05	7315.37	7310.23	7304.65	7303.85
42.5	7109.09	7106.34	7103.09	7099.33	7095.07	7090.30	7085.03	7079.27	7073.00	7073.43
43.0	6873.00	6869.92	6866.27	6862.03	6857.21	6851.81	6845.83	6839.28	6832.16	6833.82
43.5	6629.58	6626.43	6622.62	6618.17	6613.08	6607.34	6600.96	6593.95	6586.30	6588.53
44.0	6380.50	6377.34	6373.47	6368.90	6363.63	6357.66	6350.99	6343.63	6335.57	6338.06
44.5	6128.05	6124.87	6120.94	6116.25	6110.81	6104.62	6097.68	6089.99	6081.56	6084.01
45.0	5871.44	5868.26	5864.30	5859.55	5854.02	5847.72	5840.63	5832.78	5824.15	5826.58
45.5	5608.87	5605.72	5601.81	5597.14	5591.71	5585.54	5578.60	5570.92	5562.50	5565.50
46.0	5345.62	5342.49	5338.63	5334.04	5328.73	5322.70	5315.94	5308.47	5300.28	5303.83
46.5	5086.96	5083.76	5079.83	5075.15	5069.74	5063.59	5056.71	5049.09	5040.76	5044.26
47.0	4831.09	4827.88	4823.91	4819.19	4813.72	4807.50	4800.54	4792.83	4784.39	4787.59
47.5	4577.28	4574.24	4570.47	4565.97	4560.75	4554.80	4548.14	4540.75	4532.65	4535.28
48.0	4327.66	4324.85	4321.35	4317.15	4312.27	4306.69	4300.42	4293.47	4285.83	4287.98
48.5	4084.70	4082.14	4078.90	4074.98	4070.37	4065.08	4059.11	4052.46	4045.14	4047.18
49.0	3846.67	3844.28	3841.23	3837.52	3833.17	3828.17	3822.51	3816.22	3809.28	3811.72
49.5	3610.42	3607.84	3604.73	3601.09	3596.94	3592.26	3587.06	3581.35	3575.12	3579.25
50.0	3382.71	3379.99	3376.86	3373.31	3369.34	3364.96	3360.17	3354.96	3349.34	3354.76
50.5	3171.11	3168.79	3166.00	3162.74	3159.00	3154.79	3150.12	3144.97	3139.36	3143.59
51.0	2970.06	2968.21	2965.80	2962.85	2959.34	2955.28	2950.68	2945.52	2939.83	2942.38
51.5	2775.98	2774.26	2772.00	2769.22	2765.90	2762.06	2757.69	2752.79	2747.36	2749.19
52.0	2590.58	2588.90	2586.73	2584.07	2580.94	2577.31	2573.21	2568.62	2563.56	2565.08
52.5	2414.05	2412.42	2410.35	2407.83	2404.86	2401.45	2397.59	2393.29	2388.55	2390.23
53.0	2247.41	2245.85	2243.87	2241.48	2238.68	2235.47	2231.84	2227.80	2223.35	2225.28
53.5	2092.65	2091.21	2089.35	2087.09	2084.42	2081.33	2077.84	2073.95	2069.65	2071.41
54.0	1947.03	1945.74	1944.05	1941.96	1939.47	1936.59	1933.31	1929.64	1925.57	1927.16

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**CANDELA TABULATION - (Cont.)**

54.5	1807.48	1806.44	1805.08	1803.40	1801.39	1799.07	1796.42	1793.46	1790.18	1791.98
55.0	1677.00	1676.10	1674.93	1673.51	1671.82	1669.86	1667.65	1665.17	1662.44	1664.34
55.5	1559.64	1558.35	1556.72	1554.76	1552.46	1549.83	1546.88	1543.59	1539.97	1541.36
56.0	1449.20	1447.64	1445.70	1443.37	1440.65	1437.54	1434.06	1430.18	1425.93	1426.63
56.5	1338.72	1337.86	1336.74	1335.37	1333.75	1331.87	1329.74	1327.35	1324.72	1324.74
57.0	1234.56	1234.42	1234.17	1233.80	1233.32	1232.72	1232.01	1231.18	1230.24	1229.85
57.5	1142.08	1141.82	1141.42	1140.88	1140.20	1139.39	1138.43	1137.34	1136.11	1136.16
58.0	1057.32	1056.77	1056.03	1055.09	1053.96	1052.63	1051.12	1049.41	1047.51	1048.10
58.5	978.07	977.53	976.80	975.88	974.77	973.47	971.98	970.31	968.44	968.91
59.0	904.51	904.04	903.39	902.59	901.61	900.46	899.15	897.68	896.04	896.28
59.5	836.01	835.57	834.99	834.28	833.42	832.44	831.31	830.05	828.66	828.99
60.0	772.85	772.44	771.91	771.28	770.54	769.69	768.74	767.68	766.52	766.97
60.5	715.46	715.03	714.50	713.89	713.18	712.39	711.50	710.52	709.44	709.86
61.0	662.82	662.38	661.86	661.25	660.57	659.80	658.96	658.03	657.02	657.37
61.5	614.06	613.64	613.17	612.62	612.01	611.34	610.60	609.79	608.93	609.17
62.0	569.25	568.87	568.44	567.95	567.42	566.83	566.19	565.51	564.77	564.95
62.5	528.37	528.00	527.58	527.11	526.60	526.04	525.44	524.80	524.11	524.37
63.0	490.83	490.46	490.05	489.61	489.12	488.60	488.04	487.44	486.81	487.12
63.5	455.93	455.59	455.23	454.85	454.44	454.02	453.58	453.12	452.64	452.83
64.0	423.94	423.64	423.33	423.02	422.71	422.39	422.06	421.73	421.40	421.42
64.5	395.36	395.11	394.86	394.60	394.33	394.05	393.76	393.47	393.17	393.02
65.0	368.87	368.65	368.42	368.19	367.95	367.70	367.44	367.17	366.90	366.67
65.5	342.88	342.60	342.34	342.11	341.89	341.69	341.52	341.36	341.23	341.15
66.0	318.64	318.30	318.01	317.77	317.57	317.42	317.31	317.25	317.24	317.37
66.5	297.21	296.91	296.65	296.42	296.23	296.08	295.96	295.88	295.83	296.13
67.0	277.58	277.33	277.11	276.91	276.73	276.57	276.43	276.32	276.24	276.59
67.5	258.98	258.75	258.55	258.38	258.24	258.13	258.05	258.00	257.97	258.14
68.0	241.72	241.50	241.31	241.17	241.06	240.99	240.96	240.97	241.01	240.97
68.5	225.92	225.70	225.52	225.37	225.26	225.18	225.14	225.13	225.16	225.09
69.0	211.35	211.13	210.94	210.78	210.65	210.56	210.49	210.46	210.46	210.44
69.5	197.79	197.58	197.40	197.24	197.12	197.02	196.96	196.93	196.92	197.03
70.0	185.25	185.04	184.86	184.72	184.60	184.52	184.47	184.44	184.45	184.66
70.5	173.63	173.42	173.24	173.10	173.00	172.94	172.92	172.93	172.98	173.13
71.0	162.94	162.73	162.56	162.44	162.36	162.32	162.33	162.37	162.47	162.52
71.5	153.23	153.05	152.91	152.81	152.74	152.72	152.73	152.79	152.88	152.89
72.0	144.35	144.20	144.08	144.00	143.95	143.94	143.96	144.01	144.10	144.09
72.5	136.17	136.03	135.92	135.85	135.81	135.81	135.84	135.90	136.00	136.01
73.0	128.62	128.48	128.38	128.31	128.28	128.29	128.33	128.41	128.52	128.55
73.5	121.61	121.48	121.39	121.33	121.30	121.32	121.36	121.44	121.56	121.57
74.0	115.04	114.93	114.84	114.79	114.77	114.79	114.84	114.92	115.03	115.01
74.5	108.82	108.71	108.63	108.59	108.58	108.60	108.66	108.74	108.87	108.81
75.0	102.89	102.78	102.71	102.67	102.66	102.69	102.75	102.84	102.97	102.88
75.5	97.18	97.07	96.99	96.95	96.94	96.95	97.00	97.09	97.20	97.11
76.0	91.67	91.56	91.48	91.43	91.41	91.42	91.46	91.54	91.64	91.55
76.5	86.29	86.19	86.11	86.07	86.06	86.08	86.13	86.22	86.34	86.24
77.0	81.09	80.99	80.93	80.89	80.89	80.92	80.99	81.09	81.22	81.11
77.5	76.11	76.01	75.95	75.92	75.92	75.95	76.01	76.11	76.23	76.12
78.0	71.27	71.18	71.12	71.09	71.09	71.12	71.18	71.27	71.39	71.26
78.5	66.51	66.43	66.38	66.35	66.36	66.39	66.45	66.54	66.66	66.53
79.0	61.86	61.79	61.75	61.73	61.74	61.78	61.84	61.93	62.05	61.91
79.5	57.35	57.29	57.25	57.24	57.26	57.31	57.38	57.47	57.59	57.45
80.0	52.88	52.84	52.81	52.81	52.84	52.89	52.96	53.06	53.19	53.04
80.5	48.40	48.36	48.35	48.35	48.39	48.44	48.51	48.61	48.73	48.58
81.0	43.88	43.86	43.85	43.87	43.91	43.97	44.04	44.14	44.26	44.12
81.5	39.26	39.25	39.27	39.30	39.35	39.43	39.52	39.63	39.76	39.62
82.0	34.68	34.69	34.72	34.77	34.83	34.92	35.02	35.14	35.28	35.16

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**CANDELA TABULATION - (Cont.)**

82.5	30.26	30.28	30.32	30.37	30.43	30.52	30.61	30.73	30.85	30.75
83.0	26.03	26.06	26.10	26.14	26.20	26.28	26.36	26.46	26.56	26.47
83.5	22.12	22.15	22.18	22.23	22.27	22.33	22.40	22.47	22.55	22.45
84.0	18.38	18.40	18.43	18.46	18.49	18.53	18.58	18.63	18.68	18.59
84.5	14.59	14.60	14.62	14.65	14.68	14.71	14.75	14.79	14.84	14.75
85.0	11.01	11.02	11.02	11.04	11.05	11.07	11.09	11.12	11.15	11.08
85.5	7.73	7.71	7.70	7.67	7.65	7.62	7.58	7.55	7.50	7.47
86.0	5.01	4.99	4.95	4.90	4.84	4.77	4.70	4.61	4.51	4.50
86.5	3.27	3.25	3.22	3.19	3.15	3.11	3.05	2.99	2.93	2.93
87.0	2.22	2.21	2.21	2.20	2.19	2.18	2.17	2.15	2.14	2.14
87.5	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.84	1.84	1.84
88.0	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
88.5	1.77	1.77	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
89.0	1.77	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.78
89.5	1.79	1.80	1.80	1.80	1.80	1.80	1.80	1.81	1.81	1.81
90.0	1.85	1.85	1.85	1.85	1.85	1.85	1.86	1.86	1.87	1.87

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	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8089.50	8089.36	8089.24	8089.13	8089.03	8088.95	8088.88	8088.82	8088.80	8088.80
1.0	8089.66	8089.44	8089.24	8089.06	8088.91	8088.78	8088.67	8088.59	8088.57	8088.58
1.5	8089.56	8089.32	8089.10	8088.91	8088.75	8088.62	8088.52	8088.44	8088.45	8088.49
2.0	8089.35	8089.12	8088.91	8088.73	8088.59	8088.47	8088.38	8088.32	8088.36	8088.43
2.5	8089.24	8089.00	8088.78	8088.60	8088.45	8088.33	8088.24	8088.19	8088.23	8088.30
3.0	8089.09	8088.85	8088.64	8088.46	8088.31	8088.19	8088.10	8088.04	8088.08	8088.14
3.5	8088.77	8088.57	8088.39	8088.24	8088.11	8088.02	8087.94	8087.89	8087.92	8087.97
4.0	8088.46	8088.29	8088.15	8088.03	8087.93	8087.85	8087.79	8087.75	8087.76	8087.80
4.5	8088.26	8088.10	8087.96	8087.83	8087.73	8087.64	8087.58	8087.53	8087.53	8087.54
5.0	8088.23	8088.07	8087.93	8087.81	8087.70	8087.61	8087.54	8087.49	8087.47	8087.47
5.5	8088.50	8088.38	8088.27	8088.18	8088.09	8088.02	8087.97	8087.92	8087.90	8087.89
6.0	8088.98	8088.89	8088.82	8088.75	8088.69	8088.64	8088.59	8088.56	8088.54	8088.53
6.5	8089.53	8089.46	8089.39	8089.33	8089.27	8089.22	8089.17	8089.14	8089.10	8089.07
7.0	8090.35	8090.27	8090.20	8090.13	8090.07	8090.02	8089.97	8089.92	8089.87	8089.82
7.5	8091.61	8091.53	8091.46	8091.39	8091.32	8091.26	8091.20	8091.14	8091.08	8091.02
8.0	8093.21	8093.10	8093.01	8092.92	8092.83	8092.76	8092.69	8092.63	8092.57	8092.52
8.5	8095.02	8094.84	8094.68	8094.54	8094.42	8094.32	8094.24	8094.18	8094.16	8094.16
9.0	8097.19	8096.94	8096.72	8096.54	8096.39	8096.26	8096.17	8096.11	8096.14	8096.18
9.5	8099.80	8099.57	8099.37	8099.19	8099.05	8098.93	8098.85	8098.79	8098.80	8098.84
10.0	8102.90	8102.70	8102.52	8102.36	8102.23	8102.12	8102.04	8101.99	8101.98	8101.99
10.5	8106.54	8106.33	8106.14	8105.97	8105.83	8105.71	8105.62	8105.55	8105.53	8105.52
11.0	8110.76	8110.52	8110.31	8110.12	8109.95	8109.81	8109.70	8109.61	8109.56	8109.54
11.5	8115.63	8115.36	8115.12	8114.90	8114.70	8114.53	8114.39	8114.26	8114.17	8114.10
12.0	8121.03	8120.73	8120.46	8120.20	8119.97	8119.76	8119.58	8119.42	8119.28	8119.17
12.5	8126.84	8126.51	8126.21	8125.93	8125.68	8125.45	8125.24	8125.06	8124.91	8124.78
13.0	8133.18	8132.80	8132.45	8132.13	8131.84	8131.57	8131.32	8131.11	8130.93	8130.78
13.5	8140.24	8139.73	8139.25	8138.81	8138.41	8138.03	8137.70	8137.40	8137.15	8136.93
14.0	8147.68	8147.05	8146.46	8145.92	8145.42	8144.95	8144.53	8144.15	8143.83	8143.56
14.5	8155.05	8154.47	8153.92	8153.40	8152.92	8152.47	8152.06	8151.68	8151.33	8151.01
15.0	8162.76	8162.22	8161.72	8161.23	8160.78	8160.36	8159.96	8159.60	8159.23	8158.89
15.5	8171.01	8170.38	8169.79	8169.24	8168.73	8168.25	8167.81	8167.41	8167.02	8166.67
16.0	8179.96	8179.22	8178.54	8177.90	8177.30	8176.76	8176.26	8175.81	8175.39	8175.01
16.5	8190.05	8189.28	8188.56	8187.88	8187.24	8186.64	8186.09	8185.57	8185.06	8184.58
17.0	8200.60	8199.84	8199.11	8198.42	8197.75	8197.12	8196.52	8195.96	8195.36	8194.79
17.5	8210.80	8210.08	8209.39	8208.73	8208.09	8207.48	8206.90	8206.35	8205.74	8205.18

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

18.0	8221.54	8220.83	8220.14	8219.49	8218.86	8218.26	8217.68	8217.14	8216.55	8215.99
18.5	8233.63	8232.78	8231.97	8231.20	8230.47	8229.78	8229.13	8228.51	8227.88	8227.30
19.0	8246.50	8245.49	8244.53	8243.62	8242.77	8241.97	8241.22	8240.52	8239.83	8239.20
19.5	8259.76	8258.66	8257.62	8256.63	8255.69	8254.81	8253.98	8253.21	8252.43	8251.71
20.0	8273.72	8272.57	8271.47	8270.42	8269.43	8268.48	8267.59	8266.75	8265.89	8265.09
20.5	8288.54	8287.38	8286.25	8285.18	8284.15	8283.17	8282.24	8281.35	8280.42	8279.54
21.0	8304.32	8303.14	8302.01	8300.92	8299.88	8298.88	8297.92	8297.01	8296.04	8295.12
21.5	8321.23	8320.01	8318.84	8317.73	8316.67	8315.66	8314.70	8313.79	8312.87	8312.01
22.0	8339.13	8337.90	8336.72	8335.60	8334.54	8333.53	8332.58	8331.69	8330.82	8330.01
22.5	8357.89	8356.74	8355.64	8354.58	8353.56	8352.58	8351.64	8350.75	8349.83	8348.95
23.0	8377.73	8376.66	8375.61	8374.59	8373.61	8372.65	8371.72	8370.82	8369.84	8368.90
23.5	8399.01	8397.79	8396.61	8395.49	8394.41	8393.38	8392.40	8391.47	8390.52	8389.63
24.0	8421.31	8420.03	8418.80	8417.63	8416.52	8415.47	8414.48	8413.54	8412.66	8411.83
24.5	8444.05	8443.15	8442.27	8441.41	8440.56	8439.74	8438.93	8438.13	8437.29	8436.47
25.0	8468.17	8467.66	8467.13	8466.57	8465.99	8465.39	8464.75	8464.10	8463.27	8462.43
25.5	8494.68	8494.15	8493.59	8493.01	8492.40	8491.77	8491.11	8490.43	8489.59	8488.74
26.0	8522.74	8522.08	8521.40	8520.70	8519.99	8519.27	8518.53	8517.78	8516.89	8516.00
26.5	8551.74	8551.05	8550.34	8549.61	8548.86	8548.08	8547.29	8546.48	8545.49	8544.49
27.0	8582.01	8581.28	8580.52	8579.75	8578.95	8578.13	8577.29	8576.43	8575.35	8574.26
27.5	8613.63	8612.79	8611.94	8611.08	8610.21	8609.34	8608.46	8607.57	8606.50	8605.43
28.0	8646.67	8645.68	8644.70	8643.74	8642.80	8641.87	8640.95	8640.05	8639.06	8638.09
28.5	8681.47	8680.26	8679.09	8677.99	8676.94	8675.95	8675.02	8674.14	8673.35	8672.61
29.0	8717.32	8715.94	8714.64	8713.43	8712.31	8711.28	8710.33	8709.47	8708.82	8708.25
29.5	8753.77	8752.54	8751.37	8750.25	8749.20	8748.20	8747.26	8746.37	8745.62	8744.92
30.0	8790.32	8789.19	8788.08	8787.00	8785.95	8784.92	8783.92	8782.95	8781.99	8781.06
30.5	8826.64	8825.17	8823.76	8822.38	8821.05	8819.76	8818.52	8817.31	8816.12	8814.97
31.0	8861.81	8859.84	8857.95	8856.14	8854.42	8852.77	8851.21	8849.72	8848.29	8846.94
31.5	8895.00	8892.48	8890.09	8887.83	8885.71	8883.71	8881.85	8880.12	8878.56	8877.13
32.0	8925.71	8922.54	8919.56	8916.77	8914.17	8911.76	8909.54	8907.50	8905.78	8904.24
32.5	8953.69	8949.73	8946.02	8942.54	8939.32	8936.35	8933.62	8931.13	8929.04	8927.19
33.0	8977.27	8972.52	8968.06	8963.90	8960.03	8956.46	8953.19	8950.21	8947.68	8945.43
33.5	8995.40	8990.01	8984.94	8980.19	8975.77	8971.67	8967.89	8964.44	8961.43	8958.75
34.0	9005.89	8999.99	8994.42	8989.19	8984.29	8979.73	8975.50	8971.61	8968.14	8965.01
34.5	9006.25	9000.10	8994.27	8988.75	8983.56	8978.70	8974.15	8969.92	8966.04	8962.47
35.0	8996.29	8989.84	8983.71	8977.90	8972.42	8967.25	8962.41	8957.89	8953.68	8949.79
35.5	8975.76	8968.50	8961.63	8955.16	8949.09	8943.41	8938.14	8933.26	8928.92	8924.97
36.0	8942.26	8934.31	8926.84	8919.83	8913.28	8907.20	8901.59	8896.45	8892.08	8888.16
36.5	8893.25	8885.42	8878.05	8871.12	8864.64	8858.61	8853.03	8847.90	8843.55	8839.62
37.0	8828.92	8821.48	8814.44	8807.81	8801.58	8795.75	8790.33	8785.31	8780.98	8777.02
37.5	8748.83	8741.64	8734.81	8728.34	8722.25	8716.52	8711.16	8706.17	8701.70	8697.58
38.0	8652.34	8645.52	8639.04	8632.88	8627.05	8621.55	8616.37	8611.53	8607.04	8602.87
38.5	8538.28	8532.18	8526.37	8520.85	8515.61	8510.66	8506.00	8501.63	8497.54	8493.75
39.0	8407.73	8402.53	8397.57	8392.85	8388.37	8384.13	8380.13	8376.36	8372.83	8369.53
39.5	8261.59	8257.46	8253.49	8249.68	8246.03	8242.55	8239.23	8236.07	8232.98	8230.06
40.0	8099.20	8096.12	8093.14	8090.25	8087.47	8084.77	8082.18	8079.69	8077.13	8074.68
40.5	7918.88	7916.65	7914.51	7912.46	7910.49	7908.60	7906.80	7905.09	7903.36	7901.72
41.0	7724.46	7722.94	7721.52	7720.19	7718.95	7717.81	7716.76	7715.79	7714.93	7714.16
41.5	7519.62	7518.54	7517.57	7516.71	7515.97	7515.34	7514.82	7514.42	7514.24	7514.16
42.0	7303.16	7302.58	7302.13	7301.78	7301.56	7301.45	7301.46	7301.59	7302.00	7302.51
42.5	7073.91	7074.43	7074.99	7075.60	7076.26	7076.96	7077.70	7078.49	7079.41	7080.37
43.0	6835.45	6837.05	6838.62	6840.16	6841.66	6843.14	6844.58	6846.00	6847.39	6848.75
43.5	6590.71	6592.85	6594.95	6597.00	6599.00	6600.96	6602.87	6604.74	6606.62	6608.46
44.0	6340.50	6342.92	6345.29	6347.63	6349.93	6352.20	6354.43	6356.62	6358.93	6361.19
44.5	6086.44	6088.86	6091.27	6093.67	6096.07	6098.45	6100.82	6103.18	6105.74	6108.27
45.0	5829.02	5831.47	5833.92	5836.37	5838.82	5841.28	5843.74	5846.21	5848.91	5851.59
45.5	5568.46	5571.37	5574.24	5577.05	5579.82	5582.54	5585.21	5587.84	5590.49	5593.10

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**CANDELA TABULATION - (Cont.)**

46.0	5307.27	5310.62	5313.87	5317.03	5320.08	5323.05	5325.91	5328.68	5331.31	5333.84
46.5	5047.69	5051.03	5054.30	5057.49	5060.60	5063.63	5066.58	5069.45	5072.32	5075.11
47.0	4790.75	4793.88	4796.97	4800.03	4803.06	4806.05	4809.01	4811.93	4815.07	4818.17
47.5	4537.95	4540.65	4543.39	4546.17	4548.98	4551.82	4554.70	4557.62	4561.02	4564.43
48.0	4290.20	4292.51	4294.89	4297.35	4299.89	4302.51	4305.20	4307.98	4311.36	4314.78
48.5	4049.25	4051.36	4053.49	4055.64	4057.83	4060.04	4062.29	4064.56	4067.12	4069.69
49.0	3814.09	3816.38	3818.61	3820.76	3822.83	3824.83	3826.76	3828.62	3830.27	3831.87
49.5	3583.12	3586.74	3590.10	3593.21	3596.07	3598.68	3601.03	3603.14	3604.42	3605.50
50.0	3359.79	3364.45	3368.74	3372.64	3376.17	3379.32	3382.10	3384.50	3385.69	3386.57
50.5	3147.57	3151.30	3154.77	3157.99	3160.95	3163.66	3166.11	3168.31	3169.65	3170.79
51.0	2944.86	2947.25	2949.57	2951.80	2953.95	2956.02	2958.01	2959.92	2961.53	2963.08
51.5	2751.02	2752.85	2754.67	2756.49	2758.30	2760.12	2761.93	2763.73	2765.62	2767.49
52.0	2566.62	2568.19	2569.80	2571.43	2573.08	2574.77	2576.49	2578.23	2580.29	2582.35
52.5	2391.91	2393.59	2395.26	2396.94	2398.61	2400.29	2401.96	2403.64	2405.55	2407.45
53.0	2227.17	2229.01	2230.81	2232.56	2234.27	2235.93	2237.55	2239.13	2240.79	2242.40
53.5	2073.13	2074.81	2076.44	2078.02	2079.55	2081.04	2082.49	2083.88	2085.32	2086.70
54.0	1928.71	1930.20	1931.65	1933.06	1934.41	1935.72	1936.97	1938.19	1939.38	1940.52
54.5	1793.69	1795.31	1796.84	1798.29	1799.64	1800.91	1802.08	1803.17	1804.03	1804.80
55.0	1666.13	1667.81	1669.37	1670.82	1672.16	1673.38	1674.49	1675.49	1676.14	1676.69
55.5	1542.70	1543.98	1545.22	1546.39	1547.52	1548.59	1549.61	1550.58	1551.46	1552.29
56.0	1427.36	1428.12	1428.91	1429.72	1430.56	1431.43	1432.32	1433.24	1434.43	1435.62
56.5	1324.85	1325.06	1325.36	1325.75	1326.23	1326.80	1327.47	1328.23	1329.50	1330.84
57.0	1229.58	1229.43	1229.41	1229.51	1229.73	1230.07	1230.54	1231.12	1232.33	1233.62
57.5	1136.27	1136.44	1136.66	1136.93	1137.27	1137.65	1138.10	1138.60	1139.42	1140.28
58.0	1048.67	1049.22	1049.76	1050.28	1050.78	1051.26	1051.73	1052.17	1052.61	1053.02
58.5	969.37	969.83	970.27	970.71	971.13	971.55	971.97	972.37	972.79	973.20
59.0	896.55	896.82	897.12	897.43	897.75	898.09	898.45	898.82	899.30	899.78
59.5	829.32	829.65	829.98	830.32	830.65	830.99	831.33	831.66	832.04	832.42
60.0	767.39	767.80	768.19	768.57	768.93	769.27	769.59	769.90	770.17	770.43
60.5	710.26	710.64	711.00	711.34	711.67	711.98	712.27	712.55	712.77	712.98
61.0	657.70	658.01	658.32	658.62	658.90	659.18	659.44	659.69	659.90	660.09
61.5	609.42	609.66	609.91	610.16	610.40	610.65	610.89	611.14	611.36	611.59
62.0	565.14	565.34	565.54	565.76	565.98	566.21	566.45	566.70	566.96	567.23
62.5	524.62	524.88	525.14	525.40	525.66	525.92	526.19	526.45	526.72	526.99
63.0	487.43	487.73	488.03	488.33	488.62	488.91	489.19	489.47	489.74	490.01
63.5	453.03	453.24	453.46	453.68	453.92	454.16	454.41	454.68	454.97	455.27
64.0	421.47	421.55	421.65	421.78	421.94	422.13	422.34	422.58	422.90	423.25
64.5	392.93	392.88	392.88	392.92	393.01	393.15	393.33	393.57	393.97	394.41
65.0	366.50	366.39	366.34	366.34	366.39	366.51	366.68	366.91	367.36	367.86
65.5	341.12	341.12	341.16	341.23	341.35	341.50	341.69	341.92	342.28	342.67
66.0	317.52	317.68	317.85	318.03	318.23	318.43	318.65	318.88	319.12	319.37
66.5	296.41	296.69	296.96	297.22	297.47	297.72	297.96	298.20	298.37	298.54
67.0	276.92	277.25	277.55	277.85	278.12	278.39	278.63	278.87	279.00	279.13
67.5	258.31	258.49	258.67	258.86	259.05	259.25	259.45	259.65	259.83	260.02
68.0	240.96	240.98	241.02	241.09	241.18	241.30	241.45	241.63	241.87	242.12
68.5	225.06	225.05	225.07	225.12	225.20	225.31	225.45	225.62	225.85	226.11
69.0	210.45	210.48	210.53	210.60	210.70	210.83	210.97	211.15	211.36	211.60
69.5	197.14	197.26	197.40	197.54	197.69	197.86	198.03	198.21	198.38	198.57
70.0	184.86	185.07	185.27	185.47	185.67	185.86	186.06	186.25	186.39	186.54
70.5	173.28	173.44	173.61	173.78	173.95	174.13	174.32	174.51	174.69	174.87
71.0	162.59	162.68	162.78	162.91	163.05	163.20	163.38	163.57	163.80	164.04
71.5	152.93	152.99	153.08	153.19	153.32	153.48	153.67	153.87	154.16	154.46
72.0	144.11	144.16	144.24	144.35	144.48	144.64	144.83	145.05	145.36	145.69
72.5	136.04	136.10	136.17	136.27	136.39	136.53	136.69	136.88	137.13	137.40
73.0	128.59	128.64	128.72	128.80	128.90	129.02	129.15	129.30	129.47	129.66
73.5	121.59	121.63	121.68	121.75	121.83	121.93	122.04	122.17	122.33	122.49



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**CANDELA TABULATION - (Cont.)**

<b>74.0</b>	115.01	115.02	115.05	115.10	115.16	115.24	115.34	115.45	115.59	115.76
<b>74.5</b>	108.78	108.76	108.76	108.78	108.81	108.87	108.94	109.03	109.16	109.30
<b>75.0</b>	102.82	102.78	102.75	102.74	102.76	102.79	102.84	102.91	103.02	103.15
<b>75.5</b>	97.04	96.99	96.95	96.94	96.94	96.96	97.01	97.07	97.16	97.27
<b>76.0</b>	91.48	91.42	91.38	91.36	91.36	91.38	91.41	91.46	91.55	91.64
<b>76.5</b>	86.16	86.09	86.05	86.02	86.01	86.02	86.04	86.09	86.16	86.24
<b>77.0</b>	81.02	80.95	80.90	80.86	80.84	80.84	80.86	80.89	80.95	81.03
<b>77.5</b>	76.02	75.94	75.88	75.83	75.80	75.80	75.81	75.83	75.89	75.96
<b>78.0</b>	71.15	71.06	70.99	70.94	70.91	70.89	70.90	70.92	70.97	71.04
<b>78.5</b>	66.41	66.32	66.24	66.19	66.15	66.13	66.12	66.14	66.19	66.25
<b>79.0</b>	61.80	61.70	61.61	61.55	61.50	61.48	61.47	61.47	61.51	61.57
<b>79.5</b>	57.32	57.21	57.12	57.04	56.98	56.94	56.92	56.91	56.93	56.96
<b>80.0</b>	52.90	52.78	52.68	52.59	52.52	52.46	52.42	52.40	52.39	52.41
<b>80.5</b>	48.45	48.32	48.22	48.12	48.05	47.98	47.93	47.89	47.87	47.86
<b>81.0</b>	43.98	43.87	43.76	43.66	43.58	43.50	43.44	43.39	43.35	43.33
<b>81.5</b>	39.49	39.38	39.27	39.17	39.08	39.00	38.93	38.87	38.81	38.76
<b>82.0</b>	35.04	34.92	34.82	34.72	34.63	34.54	34.47	34.40	34.32	34.26
<b>82.5</b>	30.64	30.54	30.44	30.35	30.27	30.18	30.10	30.03	29.94	29.86
<b>83.0</b>	26.38	26.29	26.20	26.12	26.04	25.96	25.88	25.80	25.71	25.62
<b>83.5</b>	22.36	22.28	22.19	22.11	22.03	21.95	21.88	21.81	21.73	21.65
<b>84.0</b>	18.50	18.41	18.33	18.25	18.17	18.10	18.04	17.97	17.91	17.85
<b>84.5</b>	14.67	14.60	14.52	14.45	14.39	14.32	14.27	14.21	14.16	14.11
<b>85.0</b>	11.02	10.96	10.90	10.85	10.79	10.75	10.70	10.66	10.61	10.57
<b>85.5</b>	7.44	7.41	7.38	7.35	7.33	7.30	7.28	7.26	7.24	7.22
<b>86.0</b>	4.50	4.50	4.50	4.49	4.49	4.49	4.49	4.48	4.48	4.48
<b>86.5</b>	2.93	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94
<b>87.0</b>	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.13	2.13
<b>87.5</b>	1.84	1.84	1.84	1.84	1.84	1.83	1.83	1.83	1.83	1.83
<b>88.0</b>	1.82	1.82	1.82	1.82	1.82	1.81	1.81	1.81	1.82	1.82
<b>88.5</b>	1.77	1.77	1.77	1.76	1.76	1.76	1.76	1.76	1.77	1.77
<b>89.0</b>	1.78	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78
<b>89.5</b>	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.82	1.82	1.82
<b>90.0</b>	1.88	1.89	1.89	1.90	1.90	1.91	1.91	1.91	1.91	1.91

**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>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8088.80	8088.82	8088.84	8088.86	8088.88	8088.91	8088.94	8088.92	8088.90	8088.88
<b>1.0</b>	8088.60	8088.63	8088.67	8088.72	8088.78	8088.83	8088.88	8088.85	8088.81	8088.78
<b>1.5</b>	8088.54	8088.61	8088.69	8088.77	8088.86	8088.94	8089.01	8088.98	8088.93	8088.88
<b>2.0</b>	8088.51	8088.61	8088.72	8088.83	8088.94	8089.05	8089.14	8089.11	8089.06	8089.00
<b>2.5</b>	8088.39	8088.49	8088.61	8088.73	8088.85	8088.96	8089.06	8089.04	8088.99	8088.94
<b>3.0</b>	8088.23	8088.33	8088.44	8088.55	8088.67	8088.78	8088.88	8088.87	8088.85	8088.81
<b>3.5</b>	8088.04	8088.13	8088.22	8088.32	8088.42	8088.52	8088.62	8088.64	8088.65	8088.65
<b>4.0</b>	8087.85	8087.91	8087.98	8088.06	8088.15	8088.24	8088.32	8088.37	8088.42	8088.47
<b>4.5</b>	8087.57	8087.62	8087.67	8087.74	8087.81	8087.89	8087.97	8088.06	8088.15	8088.23
<b>5.0</b>	8087.48	8087.50	8087.54	8087.59	8087.65	8087.72	8087.79	8087.90	8088.01	8088.12
<b>5.5</b>	8087.90	8087.91	8087.93	8087.96	8088.00	8088.04	8088.09	8088.16	8088.23	8088.30
<b>6.0</b>	8088.52	8088.52	8088.53	8088.54	8088.56	8088.58	8088.60	8088.63	8088.66	8088.69
<b>6.5</b>	8089.05	8089.03	8089.02	8089.02	8089.02	8089.03	8089.04	8089.09	8089.14	8089.20
<b>7.0</b>	8089.78	8089.75	8089.73	8089.71	8089.71	8089.71	8089.73	8089.80	8089.89	8089.98
<b>7.5</b>	8090.97	8090.93	8090.89	8090.87	8090.85	8090.85	8090.85	8090.93	8091.02	8091.12
<b>8.0</b>	8092.47	8092.44	8092.41	8092.39	8092.39	8092.40	8092.41	8092.49	8092.58	8092.68
<b>8.5</b>	8094.17	8094.20	8094.25	8094.30	8094.37	8094.44	8094.52	8094.61	8094.71	8094.80
<b>9.0</b>	8096.26	8096.35	8096.46	8096.58	8096.71	8096.85	8096.99	8097.11	8097.22	8097.33

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**CANDELA TABULATION - (Cont.)**

9.5	8098.90	8098.99	8099.09	8099.21	8099.34	8099.48	8099.63	8099.80	8099.97	8100.13
10.0	8102.02	8102.08	8102.15	8102.24	8102.35	8102.47	8102.61	8102.82	8103.03	8103.25
10.5	8105.54	8105.58	8105.64	8105.72	8105.82	8105.93	8106.05	8106.24	8106.44	8106.64
11.0	8109.54	8109.56	8109.60	8109.66	8109.73	8109.82	8109.93	8110.09	8110.26	8110.44
11.5	8114.06	8114.03	8114.03	8114.05	8114.09	8114.15	8114.23	8114.40	8114.59	8114.78
12.0	8119.08	8119.01	8118.97	8118.95	8118.96	8118.99	8119.04	8119.22	8119.40	8119.60
12.5	8124.67	8124.59	8124.53	8124.49	8124.47	8124.48	8124.51	8124.64	8124.78	8124.94
13.0	8130.65	8130.55	8130.47	8130.41	8130.38	8130.37	8130.37	8130.45	8130.55	8130.65
13.5	8136.75	8136.60	8136.48	8136.39	8136.33	8136.29	8136.28	8136.34	8136.42	8136.51
14.0	8143.32	8143.11	8142.95	8142.82	8142.73	8142.67	8142.64	8142.70	8142.78	8142.89
14.5	8150.74	8150.49	8150.29	8150.12	8150.00	8149.91	8149.86	8149.96	8150.09	8150.24
15.0	8158.58	8158.31	8158.08	8157.89	8157.74	8157.64	8157.58	8157.73	8157.92	8158.13
15.5	8166.37	8166.10	8165.89	8165.72	8165.60	8165.53	8165.51	8165.71	8165.94	8166.22
16.0	8174.69	8174.42	8174.20	8174.03	8173.92	8173.87	8173.87	8174.09	8174.36	8174.67
16.5	8184.16	8183.79	8183.47	8183.20	8183.00	8182.86	8182.78	8182.95	8183.18	8183.46
17.0	8194.27	8193.79	8193.37	8193.01	8192.70	8192.47	8192.30	8192.42	8192.60	8192.84
17.5	8204.65	8204.16	8203.73	8203.35	8203.03	8202.78	8202.61	8202.72	8202.90	8203.14
18.0	8215.47	8215.00	8214.57	8214.21	8213.90	8213.66	8213.49	8213.62	8213.81	8214.06
18.5	8226.76	8226.28	8225.85	8225.49	8225.19	8224.96	8224.81	8224.93	8225.12	8225.37
19.0	8238.62	8238.10	8237.66	8237.28	8236.97	8236.75	8236.60	8236.71	8236.90	8237.16
19.5	8251.06	8250.47	8249.96	8249.52	8249.16	8248.89	8248.71	8248.83	8249.04	8249.32
20.0	8264.35	8263.68	8263.09	8262.57	8262.15	8261.82	8261.58	8261.71	8261.94	8262.24
20.5	8278.72	8277.97	8277.30	8276.72	8276.22	8275.83	8275.54	8275.67	8275.90	8276.21
21.0	8294.25	8293.46	8292.74	8292.11	8291.57	8291.13	8290.80	8290.90	8291.10	8291.39
21.5	8311.20	8310.47	8309.80	8309.21	8308.70	8308.28	8307.95	8307.95	8308.03	8308.18
22.0	8329.26	8328.57	8327.96	8327.40	8326.93	8326.52	8326.19	8326.09	8326.07	8326.10
22.5	8348.13	8347.36	8346.66	8346.03	8345.47	8344.99	8344.60	8344.54	8344.56	8344.65
23.0	8368.00	8367.16	8366.38	8365.67	8365.04	8364.50	8364.05	8364.03	8364.11	8364.25
23.5	8388.79	8388.02	8387.31	8386.67	8386.11	8385.62	8385.22	8385.14	8385.13	8385.18
24.0	8411.06	8410.36	8409.71	8409.14	8408.63	8408.18	8407.81	8407.63	8407.51	8407.45
24.5	8435.67	8434.91	8434.19	8433.52	8432.90	8432.33	8431.83	8431.58	8431.38	8431.24
25.0	8461.59	8460.75	8459.94	8459.14	8458.39	8457.69	8457.04	8456.72	8456.47	8456.26
25.5	8487.88	8487.02	8486.18	8485.37	8484.59	8483.86	8483.18	8482.80	8482.47	8482.20
26.0	8515.11	8514.23	8513.37	8512.54	8511.76	8511.02	8510.33	8509.93	8509.59	8509.29
26.5	8543.49	8542.51	8541.56	8540.65	8539.79	8539.00	8538.29	8537.98	8537.75	8537.58
27.0	8573.18	8572.12	8571.10	8570.13	8569.23	8568.42	8567.70	8567.48	8567.35	8567.32
27.5	8604.38	8603.37	8602.39	8601.47	8600.62	8599.85	8599.17	8598.93	8598.78	8598.71
28.0	8637.16	8636.26	8635.41	8634.61	8633.87	8633.20	8632.60	8632.28	8632.04	8631.87
28.5	8671.92	8671.29	8670.70	8670.16	8669.67	8669.21	8668.80	8668.39	8668.02	8667.68
29.0	8707.74	8707.30	8706.90	8706.54	8706.22	8705.91	8705.61	8705.07	8704.54	8704.03
29.5	8744.26	8743.65	8743.07	8742.52	8742.00	8741.49	8741.00	8740.26	8739.54	8738.86
30.0	8780.15	8779.28	8778.43	8777.61	8776.83	8776.07	8775.35	8774.46	8773.62	8772.84
30.5	8813.87	8812.82	8811.82	8810.88	8810.00	8809.18	8808.43	8807.61	8806.87	8806.22
31.0	8845.68	8844.51	8843.42	8842.42	8841.52	8840.71	8840.00	8839.29	8838.70	8838.21
31.5	8875.83	8874.65	8873.59	8872.64	8871.81	8871.08	8870.46	8869.74	8869.14	8868.66
32.0	8902.86	8901.65	8900.59	8899.68	8898.90	8898.25	8897.71	8896.98	8896.38	8895.90
32.5	8925.56	8924.15	8922.94	8921.92	8921.08	8920.41	8919.90	8919.26	8918.78	8918.46
33.0	8943.46	8941.75	8940.29	8939.07	8938.09	8937.32	8936.75	8936.17	8935.79	8935.61
33.5	8956.36	8954.28	8952.47	8950.94	8949.68	8948.68	8947.92	8947.24	8946.80	8946.61
34.0	8962.20	8959.70	8957.51	8955.62	8954.03	8952.72	8951.70	8950.86	8950.30	8950.01
34.5	8959.23	8956.30	8953.69	8951.40	8949.43	8947.76	8946.42	8945.40	8944.70	8944.30
35.0	8946.22	8942.98	8940.07	8937.48	8935.23	8933.30	8931.70	8930.47	8929.58	8929.00
35.5	8921.39	8918.18	8915.33	8912.82	8910.65	8908.80	8907.26	8905.78	8904.61	8903.75
36.0	8884.66	8881.55	8878.83	8876.45	8874.41	8872.67	8871.21	8869.45	8867.96	8866.78
36.5	8836.10	8832.95	8830.15	8827.68	8825.52	8823.63	8822.00	8819.84	8817.95	8816.35
37.0	8773.43	8770.18	8767.26	8764.64	8762.30	8760.23	8758.39	8755.98	8753.82	8751.97

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**CANDELA TABULATION - (Cont.)**

37.5	8693.81	8690.38	8687.27	8684.47	8681.98	8679.77	8677.85	8675.64	8673.73	8672.14
38.0	8599.03	8595.51	8592.32	8589.44	8586.89	8584.64	8582.71	8580.81	8579.24	8578.02
38.5	8490.24	8487.02	8484.08	8481.43	8479.08	8477.00	8475.22	8473.40	8471.90	8470.72
39.0	8366.48	8363.66	8361.09	8358.76	8356.67	8354.82	8353.22	8351.47	8350.00	8348.83
39.5	8227.31	8224.75	8222.38	8220.21	8218.24	8216.49	8214.96	8213.33	8211.97	8210.89
40.0	8072.35	8070.16	8068.11	8066.21	8064.49	8062.94	8061.59	8060.20	8059.04	8058.14
40.5	7900.18	7898.75	7897.43	7896.23	7895.16	7894.22	7893.43	7892.50	7891.76	7891.21
41.0	7713.48	7712.89	7712.39	7711.98	7711.67	7711.44	7711.30	7710.90	7710.61	7710.47
41.5	7514.18	7514.29	7514.49	7514.75	7515.08	7515.47	7515.91	7515.93	7516.03	7516.21
42.0	7303.12	7303.80	7304.55	7305.36	7306.21	7307.08	7307.97	7308.35	7308.76	7309.23
42.5	7081.37	7082.38	7083.42	7084.47	7085.52	7086.57	7087.61	7088.24	7088.89	7089.56
43.0	6850.08	6851.37	6852.63	6853.86	6855.05	6856.21	6857.33	6858.15	6858.95	6859.76
43.5	6610.24	6611.96	6613.62	6615.20	6616.71	6618.15	6619.49	6620.39	6621.22	6622.00
44.0	6363.39	6365.52	6367.57	6369.52	6371.37	6373.11	6374.72	6375.73	6376.62	6377.42
44.5	6110.77	6113.20	6115.57	6117.84	6120.00	6122.05	6123.96	6125.30	6126.50	6127.58
45.0	5854.24	5856.85	5859.39	5861.85	5864.22	5866.47	5868.59	5870.30	5871.86	5873.28
45.5	5595.64	5598.11	5600.52	5602.84	5605.09	5607.24	5609.30	5611.28	5613.16	5614.92
46.0	5336.29	5338.64	5340.91	5343.10	5345.21	5347.24	5349.20	5351.32	5353.35	5355.28
46.5	5077.80	5080.40	5082.89	5085.28	5087.55	5089.71	5091.74	5093.63	5095.39	5097.01
47.0	4821.18	4824.11	4826.92	4829.61	4832.14	4834.50	4836.67	4838.29	4839.71	4840.93
47.5	4567.80	4571.11	4574.31	4577.38	4580.28	4582.98	4585.44	4587.02	4588.33	4589.40
48.0	4318.20	4321.58	4324.88	4328.06	4331.08	4333.90	4336.48	4338.09	4339.43	4340.52
48.5	4072.25	4074.78	4077.26	4079.67	4082.00	4084.21	4086.29	4087.95	4089.47	4090.84
49.0	3833.40	3834.89	3836.35	3837.78	3839.19	3840.60	3842.01	3843.80	3845.58	3847.34
49.5	3606.41	3607.19	3607.88	3608.53	3609.18	3609.86	3610.63	3612.68	3614.82	3616.98
50.0	3387.19	3387.62	3387.93	3388.16	3388.40	3388.69	3389.10	3391.43	3393.88	3396.38
50.5	3171.75	3172.60	3173.37	3174.11	3174.87	3175.68	3176.60	3179.20	3181.88	3184.57
51.0	2964.57	2966.04	2967.49	2968.93	2970.40	2971.89	2973.44	2976.05	2978.66	2981.23
51.5	2769.35	2771.19	2773.00	2774.78	2776.51	2778.21	2779.85	2781.73	2783.52	2785.20
52.0	2584.40	2586.41	2588.37	2590.25	2592.04	2593.70	2595.23	2596.29	2597.20	2597.94
52.5	2409.31	2411.11	2412.84	2414.48	2416.01	2417.41	2418.67	2419.42	2420.01	2420.46
53.0	2243.95	2245.42	2246.81	2248.10	2249.29	2250.37	2251.33	2251.97	2252.49	2252.88
53.5	2088.02	2089.28	2090.47	2091.58	2092.60	2093.53	2094.36	2095.01	2095.55	2095.99
54.0	1941.60	1942.64	1943.62	1944.54	1945.40	1946.20	1946.94	1947.68	1948.34	1948.93
54.5	1805.51	1806.17	1806.77	1807.34	1807.88	1808.40	1808.91	1809.87	1810.81	1811.70
55.0	1677.17	1677.59	1677.96	1678.31	1678.64	1678.99	1679.36	1680.42	1681.49	1682.54
55.5	1553.08	1553.82	1554.51	1555.16	1555.77	1556.34	1556.88	1557.58	1558.23	1558.82
56.0	1436.81	1437.97	1439.08	1440.14	1441.11	1441.98	1442.74	1442.97	1443.08	1443.07
56.5	1332.21	1333.57	1334.90	1336.16	1337.32	1338.35	1339.22	1339.07	1338.76	1338.31
57.0	1234.96	1236.32	1237.64	1238.91	1240.07	1241.10	1241.95	1241.61	1241.09	1240.44
57.5	1141.15	1142.02	1142.87	1143.67	1144.42	1145.08	1145.63	1145.57	1145.41	1145.15
58.0	1053.42	1053.80	1054.16	1054.49	1054.80	1055.09	1055.36	1055.64	1055.89	1056.11
58.5	973.60	973.98	974.35	974.70	975.04	975.35	975.64	975.94	976.21	976.44
59.0	900.26	900.74	901.21	901.67	902.10	902.51	902.87	903.10	903.29	903.44
59.5	832.79	833.16	833.51	833.85	834.17	834.47	834.74	834.95	835.14	835.30
60.0	770.67	770.90	771.11	771.32	771.51	771.69	771.87	772.09	772.29	772.49
60.5	713.17	713.36	713.54	713.71	713.88	714.05	714.23	714.50	714.78	715.05
61.0	660.28	660.47	660.65	660.84	661.03	661.23	661.45	661.79	662.14	662.48
61.5	611.82	612.06	612.30	612.54	612.79	613.06	613.33	613.71	614.10	614.49
62.0	567.51	567.79	568.08	568.38	568.69	569.00	569.32	569.72	570.12	570.51
62.5	527.26	527.53	527.81	528.08	528.36	528.63	528.91	529.25	529.58	529.90
63.0	490.28	490.54	490.80	491.05	491.30	491.55	491.79	492.06	492.32	492.57
63.5	455.57	455.88	456.19	456.50	456.81	457.12	457.43	457.73	458.03	458.32
64.0	423.61	423.99	424.38	424.78	425.17	425.57	425.95	426.29	426.61	426.91
64.5	394.88	395.37	395.87	396.36	396.85	397.32	397.77	397.98	398.16	398.31
65.0	368.39	368.93	369.49	370.04	370.57	371.08	371.54	371.66	371.73	371.77

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**CANDELA TABULATION - (Cont.)**

65.5	343.08	343.52	343.96	344.40	344.83	345.26	345.66	345.89	346.10	346.28
66.0	319.64	319.92	320.20	320.50	320.80	321.11	321.44	321.83	322.22	322.61
66.5	298.71	298.88	299.06	299.26	299.48	299.71	299.97	300.46	300.96	301.47
67.0	279.26	279.39	279.52	279.68	279.85	280.06	280.30	280.82	281.38	281.95
67.5	260.22	260.43	260.65	260.89	261.14	261.42	261.72	262.20	262.70	263.20
68.0	242.41	242.71	243.03	243.37	243.72	244.08	244.45	244.87	245.29	245.70
68.5	226.40	226.71	227.04	227.38	227.73	228.10	228.48	228.88	229.28	229.68
69.0	211.86	212.13	212.43	212.74	213.06	213.40	213.75	214.15	214.56	214.97
69.5	198.77	198.98	199.20	199.44	199.70	199.98	200.27	200.71	201.15	201.61
70.0	186.69	186.85	187.03	187.22	187.42	187.65	187.90	188.36	188.83	189.31
70.5	175.06	175.27	175.48	175.71	175.95	176.21	176.49	176.91	177.34	177.77
71.0	164.30	164.57	164.85	165.14	165.45	165.76	166.07	166.44	166.80	167.17
71.5	154.78	155.12	155.46	155.81	156.16	156.51	156.86	157.16	157.44	157.72
72.0	146.05	146.41	146.79	147.16	147.53	147.90	148.25	148.50	148.73	148.94
72.5	137.68	137.98	138.29	138.60	138.91	139.23	139.53	139.81	140.07	140.32
73.0	129.86	130.07	130.30	130.53	130.78	131.03	131.29	131.59	131.90	132.20
73.5	122.67	122.87	123.07	123.29	123.51	123.74	123.99	124.27	124.56	124.85
74.0	115.93	116.12	116.32	116.53	116.75	116.97	117.21	117.47	117.73	117.99
74.5	109.46	109.63	109.82	110.02	110.22	110.44	110.67	110.92	111.17	111.42
75.0	103.29	103.45	103.62	103.80	104.00	104.21	104.43	104.67	104.92	105.17
75.5	97.40	97.54	97.70	97.88	98.06	98.26	98.47	98.71	98.96	99.22
76.0	91.76	91.89	92.04	92.20	92.37	92.56	92.76	93.00	93.26	93.52
76.5	86.34	86.46	86.60	86.75	86.91	87.08	87.27	87.51	87.76	88.01
77.0	81.12	81.23	81.35	81.49	81.65	81.81	81.99	82.22	82.46	82.70
77.5	76.06	76.16	76.28	76.42	76.57	76.73	76.90	77.12	77.34	77.56
78.0	71.13	71.24	71.36	71.49	71.63	71.79	71.96	72.16	72.37	72.58
78.5	66.34	66.43	66.55	66.67	66.81	66.96	67.12	67.31	67.51	67.71
79.0	61.64	61.72	61.82	61.94	62.07	62.20	62.35	62.54	62.73	62.92
79.5	57.01	57.08	57.16	57.25	57.36	57.48	57.61	57.79	57.97	58.16
80.0	52.43	52.47	52.53	52.60	52.69	52.78	52.90	53.06	53.23	53.41
80.5	47.87	47.89	47.92	47.97	48.03	48.10	48.19	48.32	48.46	48.61
81.0	43.31	43.31	43.32	43.34	43.37	43.42	43.48	43.58	43.70	43.82
81.5	38.73	38.70	38.68	38.68	38.69	38.71	38.75	38.83	38.93	39.04
82.0	34.20	34.15	34.11	34.09	34.07	34.07	34.08	34.15	34.24	34.33
82.5	29.78	29.72	29.66	29.61	29.57	29.55	29.54	29.59	29.65	29.72
83.0	25.54	25.46	25.39	25.33	25.28	25.24	25.21	25.24	25.28	25.33
83.5	21.58	21.52	21.46	21.40	21.36	21.32	21.29	21.30	21.32	21.35
84.0	17.80	17.75	17.70	17.66	17.63	17.60	17.58	17.58	17.59	17.60
84.5	14.06	14.02	13.98	13.95	13.92	13.90	13.88	13.89	13.89	13.91
85.0	10.53	10.50	10.47	10.44	10.42	10.41	10.40	10.40	10.42	10.43
85.5	7.20	7.18	7.17	7.15	7.14	7.13	7.12	7.12	7.12	7.12
86.0	4.48	4.47	4.47	4.47	4.46	4.46	4.45	4.44	4.43	4.42
86.5	2.94	2.94	2.93	2.93	2.92	2.92	2.91	2.90	2.89	2.88
87.0	2.12	2.11	2.11	2.10	2.10	2.09	2.08	2.08	2.08	2.07
87.5	1.83	1.82	1.82	1.82	1.82	1.81	1.81	1.81	1.80	1.80
88.0	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.82
88.5	1.77	1.78	1.78	1.79	1.79	1.79	1.80	1.79	1.79	1.79
89.0	1.78	1.78	1.79	1.79	1.80	1.80	1.80	1.80	1.80	1.80
89.5	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
90.0	1.91	1.90	1.90	1.90	1.90	1.89	1.89	1.89	1.89	1.89

**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>	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12	8089.12
<b>0.5</b>	8088.86	8088.84	8088.82	8088.81	8088.80	8088.80	8088.86	8088.91	8088.98	8089.04

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

1.0	8088.74	8088.70	8088.67	8088.64	8088.62	8088.61	8088.69	8088.77	8088.87	8088.96
1.5	8088.82	8088.77	8088.71	8088.66	8088.62	8088.58	8088.64	8088.71	8088.79	8088.87
2.0	8088.93	8088.86	8088.79	8088.73	8088.67	8088.61	8088.65	8088.70	8088.75	8088.81
2.5	8088.88	8088.82	8088.75	8088.69	8088.64	8088.59	8088.64	8088.69	8088.75	8088.82
3.0	8088.77	8088.73	8088.69	8088.64	8088.61	8088.57	8088.62	8088.68	8088.74	8088.80
3.5	8088.65	8088.64	8088.63	8088.62	8088.60	8088.59	8088.60	8088.61	8088.62	8088.64
4.0	8088.51	8088.54	8088.57	8088.59	8088.60	8088.61	8088.57	8088.54	8088.49	8088.45
4.5	8088.32	8088.39	8088.46	8088.52	8088.56	8088.59	8088.53	8088.46	8088.37	8088.28
5.0	8088.22	8088.32	8088.41	8088.49	8088.56	8088.60	8088.53	8088.44	8088.34	8088.23
5.5	8088.37	8088.43	8088.49	8088.54	8088.58	8088.61	8088.56	8088.50	8088.44	8088.36
6.0	8088.71	8088.74	8088.77	8088.79	8088.81	8088.82	8088.80	8088.78	8088.75	8088.72
6.5	8089.25	8089.31	8089.36	8089.41	8089.45	8089.49	8089.46	8089.43	8089.39	8089.34
7.0	8090.07	8090.16	8090.25	8090.33	8090.40	8090.46	8090.42	8090.37	8090.32	8090.25
7.5	8091.21	8091.31	8091.41	8091.50	8091.58	8091.64	8091.60	8091.55	8091.49	8091.42
8.0	8092.77	8092.87	8092.96	8093.05	8093.13	8093.19	8093.15	8093.10	8093.03	8092.96
8.5	8094.90	8094.98	8095.07	8095.14	8095.20	8095.25	8095.21	8095.16	8095.10	8095.03
9.0	8097.43	8097.53	8097.61	8097.68	8097.74	8097.78	8097.74	8097.68	8097.61	8097.53
9.5	8100.29	8100.44	8100.58	8100.70	8100.80	8100.87	8100.79	8100.69	8100.58	8100.45
10.0	8103.46	8103.66	8103.85	8104.02	8104.16	8104.27	8104.16	8104.03	8103.88	8103.71
10.5	8106.84	8107.03	8107.20	8107.36	8107.50	8107.61	8107.52	8107.41	8107.28	8107.14
11.0	8110.61	8110.78	8110.94	8111.08	8111.21	8111.31	8111.25	8111.16	8111.06	8110.94
11.5	8114.97	8115.16	8115.34	8115.50	8115.65	8115.76	8115.69	8115.58	8115.46	8115.32
12.0	8119.81	8120.01	8120.20	8120.38	8120.54	8120.66	8120.57	8120.44	8120.30	8120.14
12.5	8125.09	8125.25	8125.40	8125.55	8125.67	8125.77	8125.67	8125.56	8125.43	8125.29
13.0	8130.76	8130.88	8130.99	8131.09	8131.18	8131.25	8131.18	8131.09	8131.00	8130.89
13.5	8136.61	8136.72	8136.83	8136.94	8137.04	8137.13	8137.10	8137.07	8137.02	8136.97
14.0	8143.01	8143.14	8143.27	8143.41	8143.55	8143.67	8143.69	8143.70	8143.69	8143.68
14.5	8150.42	8150.60	8150.80	8150.99	8151.18	8151.34	8151.36	8151.35	8151.33	8151.30
15.0	8158.37	8158.63	8158.89	8159.15	8159.39	8159.61	8159.62	8159.60	8159.57	8159.51
15.5	8166.52	8166.84	8167.16	8167.48	8167.78	8168.06	8168.12	8168.15	8168.15	8168.14
16.0	8175.01	8175.37	8175.73	8176.10	8176.45	8176.78	8176.91	8177.00	8177.07	8177.11
16.5	8183.78	8184.13	8184.49	8184.86	8185.23	8185.58	8185.77	8185.94	8186.09	8186.21
17.0	8193.12	8193.45	8193.79	8194.16	8194.53	8194.89	8195.14	8195.37	8195.57	8195.76
17.5	8203.43	8203.75	8204.10	8204.47	8204.84	8205.21	8205.46	8205.68	8205.89	8206.08
18.0	8214.36	8214.69	8215.04	8215.42	8215.80	8216.17	8216.41	8216.64	8216.84	8217.03
18.5	8225.66	8226.00	8226.37	8226.75	8227.14	8227.53	8227.82	8228.09	8228.34	8228.57
19.0	8237.46	8237.81	8238.19	8238.59	8239.01	8239.42	8239.75	8240.07	8240.37	8240.65
19.5	8249.65	8250.04	8250.46	8250.90	8251.35	8251.81	8252.16	8252.50	8252.82	8253.11
20.0	8262.60	8263.02	8263.47	8263.95	8264.44	8264.93	8265.27	8265.60	8265.90	8266.18
20.5	8276.59	8277.02	8277.50	8277.99	8278.49	8278.99	8279.29	8279.56	8279.81	8280.03
21.0	8291.74	8292.15	8292.59	8293.06	8293.53	8293.99	8294.22	8294.42	8294.59	8294.73
21.5	8308.39	8308.65	8308.94	8309.25	8309.58	8309.89	8310.03	8310.15	8310.25	8310.33
22.0	8326.19	8326.31	8326.46	8326.63	8326.81	8327.00	8327.03	8327.06	8327.08	8327.10
22.5	8344.78	8344.96	8345.16	8345.38	8345.59	8345.79	8345.71	8345.62	8345.50	8345.38
23.0	8364.45	8364.69	8364.95	8365.21	8365.47	8365.70	8365.54	8365.35	8365.14	8364.91
23.5	8385.29	8385.43	8385.59	8385.77	8385.94	8386.10	8385.96	8385.81	8385.64	8385.46
24.0	8407.43	8407.44	8407.48	8407.54	8407.60	8407.67	8407.56	8407.45	8407.33	8407.22
24.5	8431.14	8431.08	8431.04	8431.03	8431.02	8431.02	8430.86	8430.69	8430.53	8430.37
25.0	8456.10	8455.98	8455.89	8455.82	8455.76	8455.70	8455.47	8455.23	8455.00	8454.78
25.5	8481.97	8481.78	8481.62	8481.48	8481.35	8481.23	8480.94	8480.67	8480.40	8480.15
26.0	8509.04	8508.84	8508.66	8508.50	8508.36	8508.23	8507.95	8507.67	8507.40	8507.15
26.5	8537.48	8537.42	8537.40	8537.41	8537.43	8537.45	8537.26	8537.06	8536.87	8536.68
27.0	8567.35	8567.44	8567.57	8567.73	8567.90	8568.08	8568.01	8567.93	8567.85	8567.76
27.5	8598.71	8598.77	8598.88	8599.03	8599.20	8599.38	8599.42	8599.45	8599.49	8599.52
28.0	8631.76	8631.71	8631.70	8631.75	8631.83	8631.94	8632.06	8632.20	8632.36	8632.52
28.5	8667.39	8667.14	8666.94	8666.78	8666.66	8666.60	8666.72	8666.88	8667.07	8667.28

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**CANDELA TABULATION - (Cont.)**

29.0	8703.55	8703.10	8702.70	8702.35	8702.06	8701.85	8702.04	8702.29	8702.59	8702.92
29.5	8738.23	8737.65	8737.16	8736.75	8736.45	8736.26	8736.80	8737.44	8738.14	8738.89
30.0	8772.14	8771.54	8771.05	8770.69	8770.48	8770.42	8771.36	8772.43	8773.59	8774.78
30.5	8805.68	8805.25	8804.96	8804.81	8804.81	8804.98	8806.19	8807.53	8808.94	8810.38
31.0	8837.86	8837.63	8837.55	8837.63	8837.87	8838.27	8839.72	8841.29	8842.93	8844.59
31.5	8868.32	8868.12	8868.09	8868.22	8868.54	8869.04	8870.76	8872.61	8874.54	8876.48
32.0	8895.58	8895.41	8895.43	8895.63	8896.03	8896.64	8898.64	8900.80	8903.04	8905.28
32.5	8918.32	8918.37	8918.61	8919.07	8919.73	8920.63	8922.97	8925.47	8928.04	8930.61
33.0	8935.64	8935.89	8936.37	8937.07	8938.00	8939.17	8941.82	8944.62	8947.50	8950.35
33.5	8946.65	8946.94	8947.48	8948.27	8949.30	8950.59	8953.39	8956.35	8959.38	8962.39
34.0	8950.00	8950.26	8950.79	8951.59	8952.66	8954.00	8956.90	8959.97	8963.11	8966.24
34.5	8944.21	8944.42	8944.92	8945.73	8946.83	8948.23	8951.23	8954.41	8957.69	8960.95
35.0	8928.76	8928.85	8929.26	8929.99	8931.05	8932.43	8935.55	8938.89	8942.33	8945.76
35.5	8903.23	8903.03	8903.18	8903.68	8904.54	8905.76	8909.06	8912.62	8916.31	8920.02
36.0	8865.91	8865.39	8865.22	8865.43	8866.05	8867.08	8870.61	8874.45	8878.46	8882.51
36.5	8815.08	8814.18	8813.66	8813.57	8813.94	8814.80	8818.69	8822.94	8827.41	8831.94
37.0	8750.45	8749.32	8748.61	8748.37	8748.62	8749.42	8753.59	8758.18	8763.01	8767.91
37.5	8670.92	8670.09	8669.68	8669.73	8670.25	8671.29	8675.44	8679.98	8684.74	8689.55
38.0	8577.18	8576.72	8576.68	8577.06	8577.90	8579.20	8583.30	8587.74	8592.36	8597.01
38.5	8469.91	8469.48	8469.45	8469.86	8470.71	8472.04	8476.30	8480.89	8485.67	8490.47
39.0	8348.00	8347.53	8347.46	8347.82	8348.63	8349.93	8354.32	8359.08	8364.02	8368.99
39.5	8210.14	8209.74	8209.72	8210.12	8210.96	8212.28	8216.69	8221.44	8226.39	8231.35
40.0	8057.54	8057.27	8057.35	8057.82	8058.70	8060.04	8064.32	8068.92	8073.69	8078.48
40.5	7890.91	7890.86	7891.11	7891.67	7892.58	7893.86	7897.73	7901.86	7906.13	7910.39
41.0	7710.49	7710.71	7711.14	7711.82	7712.76	7714.01	7717.45	7721.10	7724.84	7728.56
41.5	7516.52	7516.97	7517.59	7518.42	7519.46	7520.76	7524.09	7527.59	7531.16	7534.69
42.0	7309.78	7310.43	7311.22	7312.17	7313.30	7314.65	7317.88	7321.25	7324.67	7328.03
42.5	7090.29	7091.08	7091.98	7092.99	7094.14	7095.45	7098.36	7101.37	7104.39	7107.35
43.0	6860.58	6861.45	6862.37	6863.37	6864.47	6865.68	6868.19	6870.76	6873.34	6875.85
43.5	6622.77	6623.53	6624.31	6625.15	6626.04	6627.03	6629.20	6631.43	6633.66	6635.82
44.0	6378.15	6378.84	6379.52	6380.20	6380.91	6381.67	6383.43	6385.21	6386.99	6388.71
44.5	6128.55	6129.42	6130.21	6130.94	6131.62	6132.26	6133.29	6134.28	6135.22	6136.09
45.0	5874.56	5875.71	5876.72	5877.60	5878.35	5878.98	5879.36	5879.63	5879.81	5879.89
45.5	5616.55	5618.05	5619.41	5620.61	5621.65	5622.53	5622.82	5622.96	5622.97	5622.86
46.0	5357.10	5358.79	5360.33	5361.73	5362.94	5363.98	5364.27	5364.40	5364.37	5364.22
46.5	5098.47	5099.79	5100.95	5101.94	5102.76	5103.41	5103.43	5103.29	5103.03	5102.67
47.0	4841.96	4842.80	4843.47	4843.96	4844.28	4844.45	4844.14	4843.70	4843.17	4842.57
47.5	4590.23	4590.84	4591.24	4591.44	4591.45	4591.28	4590.60	4589.79	4588.90	4587.96
48.0	4341.37	4341.98	4342.36	4342.54	4342.52	4342.31	4341.52	4340.60	4339.58	4338.52
48.5	4092.06	4093.13	4094.06	4094.83	4095.46	4095.94	4095.98	4095.89	4095.69	4095.42
49.0	3849.06	3850.71	3852.29	3853.76	3855.13	3856.36	3857.04	3857.58	3857.99	3858.28
49.5	3619.13	3621.22	3623.21	3625.04	3626.68	3628.07	3627.92	3627.53	3626.94	3626.21
50.0	3398.85	3401.24	3403.46	3405.46	3407.16	3408.49	3407.26	3405.69	3403.87	3401.89
50.5	3187.20	3189.69	3191.97	3193.98	3195.64	3196.88	3195.25	3193.25	3190.96	3188.51
51.0	2983.67	2985.95	2987.99	2989.75	2991.15	2992.14	2990.47	2988.43	2986.14	2983.69
51.5	2786.74	2788.11	2789.28	2790.22	2790.91	2791.32	2790.08	2788.60	2786.95	2785.21
52.0	2598.53	2598.97	2599.26	2599.40	2599.39	2599.24	2598.48	2597.62	2596.68	2595.72
52.5	2420.75	2420.92	2420.95	2420.86	2420.66	2420.35	2419.65	2418.88	2418.06	2417.23
53.0	2253.15	2253.30	2253.34	2253.26	2253.07	2252.78	2252.02	2251.20	2250.33	2249.45
53.5	2096.32	2096.55	2096.67	2096.68	2096.59	2096.39	2095.68	2094.90	2094.07	2093.22
54.0	1949.42	1949.83	1950.13	1950.33	1950.41	1950.36	1949.65	1948.84	1947.97	1947.07
54.5	1812.54	1813.29	1813.93	1814.45	1814.81	1815.00	1814.04	1812.95	1811.75	1810.50
55.0	1683.55	1684.47	1685.29	1685.96	1686.46	1686.76	1685.64	1684.35	1682.94	1681.47
55.5	1559.34	1559.78	1560.13	1560.36	1560.47	1560.45	1559.59	1558.62	1557.59	1556.52
56.0	1442.97	1442.78	1442.51	1442.18	1441.80	1441.37	1440.90	1440.41	1439.92	1439.44
56.5	1337.75	1337.11	1336.43	1335.72	1335.02	1334.36	1334.28	1334.26	1334.29	1334.35

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**CANDELA TABULATION - (Cont.)**

57.0	1239.68	1238.86	1238.01	1237.16	1236.36	1235.64	1235.81	1236.08	1236.42	1236.81
57.5	1144.83	1144.46	1144.06	1143.64	1143.22	1142.83	1142.77	1142.75	1142.76	1142.79
58.0	1056.30	1056.45	1056.56	1056.62	1056.63	1056.60	1056.25	1055.87	1055.46	1055.04
58.5	976.65	976.81	976.93	977.01	977.04	977.02	976.70	976.33	975.94	975.54
59.0	903.55	903.62	903.66	903.65	903.62	903.54	903.32	903.08	902.82	902.55
59.5	835.43	835.53	835.61	835.65	835.67	835.66	835.52	835.36	835.18	835.00
60.0	772.67	772.83	772.98	773.10	773.20	773.28	773.21	773.13	773.02	772.91
60.5	715.31	715.57	715.80	716.02	716.20	716.36	716.34	716.30	716.23	716.14
61.0	662.83	663.16	663.47	663.77	664.03	664.25	664.26	664.24	664.19	664.11
61.5	614.88	615.24	615.59	615.91	616.20	616.44	616.47	616.45	616.40	616.33
62.0	570.89	571.26	571.60	571.92	572.20	572.44	572.47	572.46	572.42	572.36
62.5	530.21	530.51	530.79	531.05	531.28	531.48	531.53	531.56	531.56	531.54
63.0	492.82	493.05	493.27	493.47	493.65	493.82	493.90	493.96	494.01	494.03
63.5	458.59	458.86	459.10	459.33	459.54	459.72	459.83	459.91	459.97	460.01
64.0	427.20	427.48	427.73	427.97	428.19	428.38	428.53	428.65	428.75	428.83
64.5	398.44	398.55	398.66	398.75	398.85	398.95	399.21	399.47	399.73	399.98
65.0	371.78	371.78	371.77	371.76	371.77	371.80	372.14	372.50	372.88	373.25
65.5	346.45	346.61	346.76	346.90	347.03	347.17	347.44	347.71	347.97	348.22
66.0	322.99	323.37	323.72	324.06	324.38	324.66	324.81	324.93	325.02	325.08
66.5	301.98	302.48	302.97	303.42	303.83	304.19	304.24	304.25	304.20	304.13
67.0	282.52	283.08	283.62	284.13	284.58	284.98	284.97	284.91	284.80	284.64
67.5	263.71	264.20	264.67	265.11	265.51	265.86	265.92	265.94	265.91	265.84
68.0	246.11	246.51	246.88	247.24	247.57	247.86	248.01	248.13	248.21	248.27
68.5	230.07	230.45	230.81	231.15	231.47	231.76	231.93	232.08	232.19	232.28
69.0	215.38	215.77	216.15	216.51	216.84	217.14	217.31	217.44	217.55	217.62
69.5	202.06	202.50	202.92	203.33	203.70	204.03	204.15	204.22	204.26	204.27
70.0	189.79	190.27	190.73	191.16	191.55	191.90	191.97	191.99	191.97	191.92
70.5	178.21	178.63	179.04	179.42	179.76	180.07	180.15	180.19	180.19	180.16
71.0	167.52	167.86	168.19	168.49	168.77	169.02	169.13	169.21	169.26	169.29
71.5	157.98	158.23	158.46	158.68	158.89	159.07	159.22	159.36	159.47	159.57
72.0	149.14	149.33	149.50	149.67	149.82	149.96	150.14	150.32	150.47	150.62
72.5	140.56	140.79	141.01	141.22	141.41	141.59	141.74	141.87	141.99	142.09
73.0	132.50	132.79	133.07	133.33	133.58	133.80	133.91	134.00	134.07	134.12
73.5	125.13	125.41	125.68	125.94	126.18	126.39	126.53	126.63	126.72	126.79
74.0	118.25	118.50	118.75	118.98	119.20	119.41	119.57	119.70	119.82	119.92
74.5	111.67	111.92	112.16	112.40	112.62	112.82	112.98	113.12	113.25	113.35
75.0	105.43	105.68	105.92	106.15	106.38	106.58	106.74	106.88	107.00	107.11
75.5	99.48	99.73	99.98	100.22	100.45	100.66	100.81	100.95	101.07	101.17
76.0	93.78	94.03	94.29	94.53	94.76	94.98	95.13	95.27	95.38	95.48
76.5	88.27	88.52	88.77	89.01	89.24	89.46	89.62	89.76	89.88	89.99
77.0	82.94	83.19	83.43	83.66	83.89	84.10	84.26	84.40	84.53	84.64
77.5	77.79	78.02	78.25	78.47	78.67	78.87	79.02	79.15	79.26	79.36
78.0	72.79	73.00	73.21	73.41	73.60	73.78	73.91	74.02	74.12	74.20
78.5	67.92	68.12	68.32	68.51	68.69	68.86	68.98	69.08	69.17	69.24
79.0	63.12	63.32	63.51	63.70	63.87	64.04	64.14	64.24	64.32	64.38
79.5	58.36	58.55	58.74	58.92	59.09	59.26	59.36	59.45	59.52	59.59
80.0	53.59	53.78	53.96	54.14	54.31	54.46	54.57	54.65	54.73	54.79
80.5	48.77	48.93	49.09	49.24	49.40	49.54	49.65	49.75	49.84	49.92
81.0	43.95	44.08	44.21	44.35	44.48	44.61	44.73	44.83	44.93	45.02
81.5	39.15	39.27	39.39	39.52	39.64	39.76	39.85	39.94	40.03	40.10
82.0	34.43	34.54	34.65	34.76	34.87	34.97	35.05	35.11	35.17	35.22
82.5	29.80	29.88	29.97	30.06	30.15	30.24	30.28	30.32	30.36	30.39
83.0	25.39	25.45	25.51	25.58	25.64	25.70	25.73	25.75	25.77	25.78
83.5	21.38	21.42	21.46	21.50	21.54	21.58	21.59	21.60	21.61	21.61
84.0	17.61	17.63	17.65	17.67	17.69	17.71	17.72	17.73	17.73	17.73
84.5	13.92	13.94	13.96	13.98	14.01	14.03	14.03	14.03	14.03	14.03

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**CANDELA TABULATION - (Cont.)**

85.0	10.45	10.47	10.50	10.52	10.54	10.56	10.56	10.56	10.56	10.56
85.5	7.13	7.13	7.13	7.14	7.14	7.15	7.15	7.15	7.15	7.15
86.0	4.40	4.39	4.38	4.37	4.36	4.35	4.35	4.35	4.35	4.36
86.5	2.87	2.86	2.85	2.84	2.84	2.83	2.82	2.82	2.82	2.82
87.0	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.04	2.03	2.03
87.5	1.80	1.79	1.79	1.78	1.78	1.77	1.77	1.77	1.76	1.76
88.0	1.81	1.81	1.80	1.80	1.79	1.78	1.78	1.78	1.78	1.78
88.5	1.78	1.78	1.77	1.77	1.76	1.76	1.76	1.76	1.76	1.76
89.0	1.79	1.79	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78
89.5	1.83	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.83
90.0	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.90	1.90	1.90

**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	8089.12	8089.12	8089.12	8089.12	8089.12
0.5	8089.10	8089.16	8089.21	8089.25	8089.29
1.0	8089.05	8089.14	8089.22	8089.29	8089.34
1.5	8088.95	8089.03	8089.10	8089.17	8089.22
2.0	8088.87	8088.92	8088.98	8089.03	8089.07
2.5	8088.88	8088.95	8089.01	8089.06	8089.10
3.0	8088.86	8088.92	8088.98	8089.03	8089.07
3.5	8088.65	8088.66	8088.67	8088.68	8088.69
4.0	8088.40	8088.36	8088.32	8088.28	8088.25
4.5	8088.19	8088.11	8088.02	8087.95	8087.89
5.0	8088.12	8088.01	8087.91	8087.82	8087.74
5.5	8088.29	8088.22	8088.15	8088.09	8088.05
6.0	8088.69	8088.66	8088.63	8088.60	8088.58
6.5	8089.30	8089.26	8089.21	8089.18	8089.15
7.0	8090.18	8090.11	8090.05	8089.99	8089.94
7.5	8091.34	8091.27	8091.20	8091.14	8091.09
8.0	8092.89	8092.82	8092.75	8092.69	8092.63
8.5	8094.96	8094.89	8094.82	8094.77	8094.72
9.0	8097.45	8097.37	8097.30	8097.23	8097.18
9.5	8100.33	8100.20	8100.08	8099.97	8099.88
10.0	8103.54	8103.37	8103.20	8103.06	8102.94
10.5	8106.99	8106.84	8106.70	8106.57	8106.46
11.0	8110.82	8110.70	8110.59	8110.48	8110.39
11.5	8115.18	8115.04	8114.90	8114.78	8114.68
12.0	8119.97	8119.81	8119.66	8119.52	8119.41
12.5	8125.14	8125.00	8124.87	8124.75	8124.65
13.0	8130.78	8130.67	8130.57	8130.48	8130.41
13.5	8136.91	8136.85	8136.79	8136.74	8136.70
14.0	8143.66	8143.64	8143.61	8143.58	8143.56
14.5	8151.25	8151.21	8151.15	8151.10	8151.06
15.0	8159.45	8159.37	8159.30	8159.22	8159.15
15.5	8168.10	8168.06	8168.00	8167.95	8167.89
16.0	8177.14	8177.14	8177.13	8177.11	8177.07
16.5	8186.31	8186.38	8186.44	8186.47	8186.48
17.0	8195.92	8196.06	8196.17	8196.25	8196.30
17.5	8206.25	8206.38	8206.49	8206.57	8206.62
18.0	8217.19	8217.32	8217.42	8217.50	8217.54
18.5	8228.78	8228.95	8229.10	8229.20	8229.27
19.0	8240.90	8241.12	8241.30	8241.44	8241.53
19.5	8253.37	8253.59	8253.78	8253.92	8254.01
20.0	8266.42	8266.63	8266.80	8266.92	8267.00



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**CANDELA TABULATION - (Cont.)**

20.5	8280.21	8280.37	8280.49	8280.58	8280.62
21.0	8294.85	8294.94	8295.01	8295.05	8295.06
21.5	8310.41	8310.46	8310.50	8310.52	8310.53
22.0	8327.10	8327.11	8327.10	8327.10	8327.09
22.5	8345.25	8345.13	8345.01	8344.90	8344.82
23.0	8364.68	8364.45	8364.24	8364.05	8363.90
23.5	8385.28	8385.11	8384.95	8384.81	8384.70
24.0	8407.11	8407.01	8406.93	8406.85	8406.80
24.5	8430.22	8430.09	8429.98	8429.88	8429.82
25.0	8454.57	8454.39	8454.23	8454.11	8454.02
25.5	8479.92	8479.71	8479.54	8479.40	8479.31
26.0	8506.92	8506.72	8506.55	8506.42	8506.33
26.5	8536.50	8536.34	8536.21	8536.09	8536.01
27.0	8567.67	8567.58	8567.51	8567.44	8567.39
27.5	8599.56	8599.59	8599.61	8599.63	8599.65
28.0	8632.68	8632.83	8632.97	8633.09	8633.18
28.5	8667.49	8667.71	8667.91	8668.09	8668.24
29.0	8703.27	8703.62	8703.94	8704.24	8704.49
29.5	8739.65	8740.38	8741.06	8741.66	8742.14
30.0	8775.98	8777.12	8778.17	8779.07	8779.79
30.5	8811.81	8813.15	8814.37	8815.42	8816.24
31.0	8846.20	8847.72	8849.09	8850.25	8851.14
31.5	8878.37	8880.14	8881.73	8883.08	8884.12
32.0	8907.46	8909.51	8911.34	8912.89	8914.08
32.5	8933.10	8935.41	8937.48	8939.21	8940.54
33.0	8953.09	8955.64	8957.91	8959.81	8961.25
33.5	8965.28	8967.97	8970.36	8972.36	8973.88
34.0	8969.25	8972.05	8974.54	8976.63	8978.22
34.5	8964.09	8967.01	8969.62	8971.81	8973.47
35.0	8949.08	8952.17	8954.94	8957.26	8959.04
35.5	8923.61	8926.98	8930.00	8932.55	8934.51
36.0	8886.45	8890.16	8893.49	8896.33	8898.51
36.5	8836.37	8840.55	8844.33	8847.55	8850.05
37.0	8772.72	8777.26	8781.37	8784.88	8787.61
37.5	8694.25	8698.68	8702.68	8706.07	8708.71
38.0	8601.53	8605.78	8609.60	8612.83	8615.32
38.5	8495.15	8499.53	8503.47	8506.80	8509.37
39.0	8373.82	8378.36	8382.43	8385.87	8388.53
39.5	8236.17	8240.70	8244.75	8248.18	8250.82
40.0	8083.12	8087.47	8091.36	8094.65	8097.17
40.5	7914.52	7918.37	7921.81	7924.70	7926.92
41.0	7732.14	7735.47	7738.44	7740.92	7742.81
41.5	7538.07	7541.20	7543.98	7546.29	7548.03
42.0	7331.24	7334.20	7336.81	7338.98	7340.60
42.5	7110.17	7112.75	7115.02	7116.89	7118.29
43.0	6878.22	6880.39	6882.28	6883.84	6884.98
43.5	6637.86	6639.73	6641.36	6642.69	6643.67
44.0	6390.33	6391.80	6393.08	6394.12	6394.89
44.5	6136.87	6137.56	6138.13	6138.57	6138.86
45.0	5879.91	5879.86	5879.77	5879.64	5879.48
45.5	5622.67	5622.42	5622.12	5621.81	5621.50
46.0	5363.98	5363.67	5363.31	5362.94	5362.58
46.5	5102.25	5101.78	5101.31	5100.85	5100.43
47.0	4841.94	4841.31	4840.70	4840.15	4839.69
47.5	4587.01	4586.08	4585.23	4584.48	4583.87
48.0	4337.45	4336.42	4335.47	4334.64	4333.97

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**CANDELA TABULATION - (Cont.)**

48.5	4095.09	4094.73	4094.36	4093.99	4093.66
49.0	3858.47	3858.56	3858.56	3858.50	3858.37
49.5	3625.38	3624.51	3623.64	3622.82	3622.10
50.0	3399.84	3397.82	3395.90	3394.20	3392.78
50.5	3186.00	3183.54	3181.23	3179.19	3177.52
51.0	2981.19	2978.74	2976.46	2974.45	2972.81
51.5	2783.44	2781.72	2780.13	2778.73	2777.60
52.0	2594.75	2593.83	2592.98	2592.25	2591.67
52.5	2416.42	2415.65	2414.95	2414.35	2413.89
53.0	2248.59	2247.77	2247.04	2246.41	2245.92
53.5	2092.38	2091.59	2090.87	2090.25	2089.77
54.0	1946.17	1945.32	1944.53	1943.86	1943.32
54.5	1809.25	1808.05	1806.94	1805.98	1805.21
55.0	1680.00	1678.58	1677.27	1676.14	1675.22
55.5	1555.46	1554.46	1553.54	1552.75	1552.12
56.0	1438.98	1438.56	1438.20	1437.90	1437.67
56.5	1334.45	1334.57	1334.71	1334.84	1334.97
57.0	1237.23	1237.66	1238.07	1238.46	1238.78
57.5	1142.84	1142.90	1142.97	1143.05	1143.12
58.0	1054.63	1054.24	1053.88	1053.57	1053.33
58.5	975.14	974.76	974.42	974.12	973.88
59.0	902.29	902.04	901.82	901.63	901.48
59.5	834.82	834.64	834.48	834.34	834.22
60.0	772.79	772.67	772.55	772.44	772.36
60.5	716.04	715.94	715.83	715.73	715.65
61.0	664.02	663.91	663.81	663.70	663.61
61.5	616.24	616.13	616.02	615.91	615.81
62.0	572.27	572.18	572.07	571.97	571.88
62.5	531.50	531.45	531.39	531.33	531.26
63.0	494.05	494.05	494.04	494.02	493.99
63.5	460.04	460.05	460.05	460.03	460.01
64.0	428.90	428.94	428.97	428.98	428.97
64.5	400.21	400.42	400.60	400.75	400.86
65.0	373.60	373.94	374.23	374.48	374.67
65.5	348.45	348.66	348.83	348.97	349.07
66.0	325.12	325.14	325.14	325.12	325.09
66.5	304.02	303.90	303.77	303.64	303.52
67.0	284.46	284.27	284.07	283.88	283.71
67.5	265.76	265.65	265.53	265.41	265.30
68.0	248.30	248.31	248.30	248.28	248.24
68.5	232.34	232.38	232.40	232.40	232.38
69.0	217.67	217.70	217.71	217.70	217.67
69.5	204.25	204.21	204.16	204.10	204.03
70.0	191.84	191.74	191.64	191.53	191.42
70.5	180.11	180.04	179.96	179.88	179.79
71.0	169.29	169.28	169.26	169.22	169.18
71.5	159.65	159.71	159.75	159.78	159.79
72.0	150.75	150.86	150.95	151.02	151.06
72.5	142.17	142.24	142.29	142.32	142.33
73.0	134.15	134.16	134.16	134.15	134.12
73.5	126.84	126.87	126.89	126.89	126.88
74.0	120.00	120.06	120.11	120.14	120.15
74.5	113.44	113.51	113.56	113.59	113.61
75.0	107.20	107.27	107.32	107.35	107.36
75.5	101.25	101.32	101.37	101.39	101.40
76.0	95.56	95.62	95.66	95.69	95.70

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**CANDELA TABULATION - (Cont.)**

<b>76.5</b>	90.07	90.14	90.19	90.22	90.23
<b>77.0</b>	84.73	84.80	84.86	84.89	84.91
<b>77.5</b>	79.44	79.50	79.55	79.58	79.60
<b>78.0</b>	74.27	74.33	74.36	74.39	74.40
<b>78.5</b>	69.30	69.35	69.38	69.39	69.40
<b>79.0</b>	64.44	64.48	64.50	64.52	64.52
<b>79.5</b>	59.63	59.67	59.69	59.70	59.70
<b>80.0</b>	54.84	54.88	54.90	54.92	54.92
<b>80.5</b>	49.98	50.04	50.08	50.10	50.12
<b>81.0</b>	45.09	45.16	45.21	45.25	45.27
<b>81.5</b>	40.16	40.22	40.26	40.29	40.31
<b>82.0</b>	35.27	35.30	35.33	35.35	35.36
<b>82.5</b>	30.42	30.43	30.45	30.46	30.46
<b>83.0</b>	25.79	25.79	25.79	25.79	25.79
<b>83.5</b>	21.62	21.62	21.62	21.62	21.61
<b>84.0</b>	17.73	17.73	17.73	17.73	17.73
<b>84.5</b>	14.03	14.02	14.02	14.01	14.01
<b>85.0</b>	10.55	10.55	10.54	10.54	10.53
<b>85.5</b>	7.15	7.15	7.15	7.15	7.15
<b>86.0</b>	4.36	4.37	4.37	4.38	4.38
<b>86.5</b>	2.82	2.82	2.82	2.82	2.82
<b>87.0</b>	2.02	2.02	2.02	2.01	2.01
<b>87.5</b>	1.76	1.75	1.75	1.75	1.75
<b>88.0</b>	1.78	1.78	1.78	1.79	1.79
<b>88.5</b>	1.76	1.76	1.76	1.76	1.76
<b>89.0</b>	1.78	1.78	1.78	1.78	1.79
<b>89.5</b>	1.83	1.83	1.83	1.83	1.83
<b>90.0</b>	1.90	1.91	1.91	1.91	1.91

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

Zone	Lumens	%Lamp	%Fixt
0-20	3090.48	16.20	16.20
0-30	7022.52	36.70	36.70
0-40	12537.96	65.60	65.60
0-60	18593.67	97.20	97.20
0-80	19108.42	99.90	99.90
0-90	19127.1	100.00	100.00
10-90	18354.69	96.00	96.00
20-40	9447.49	49.40	49.40
20-50	13903.05	72.70	72.70
40-70	6454.56	33.70	33.70
60-80	514.75	2.70	2.70
70-80	115.90	0.60	0.60
80-90	18.68	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	19127.1	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	772.42
10-20	2318.06
20-30	3932.04
30-40	5515.44
40-50	4455.56
50-60	1600.14
60-70	398.85
70-80	115.90
80-90	18.68
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

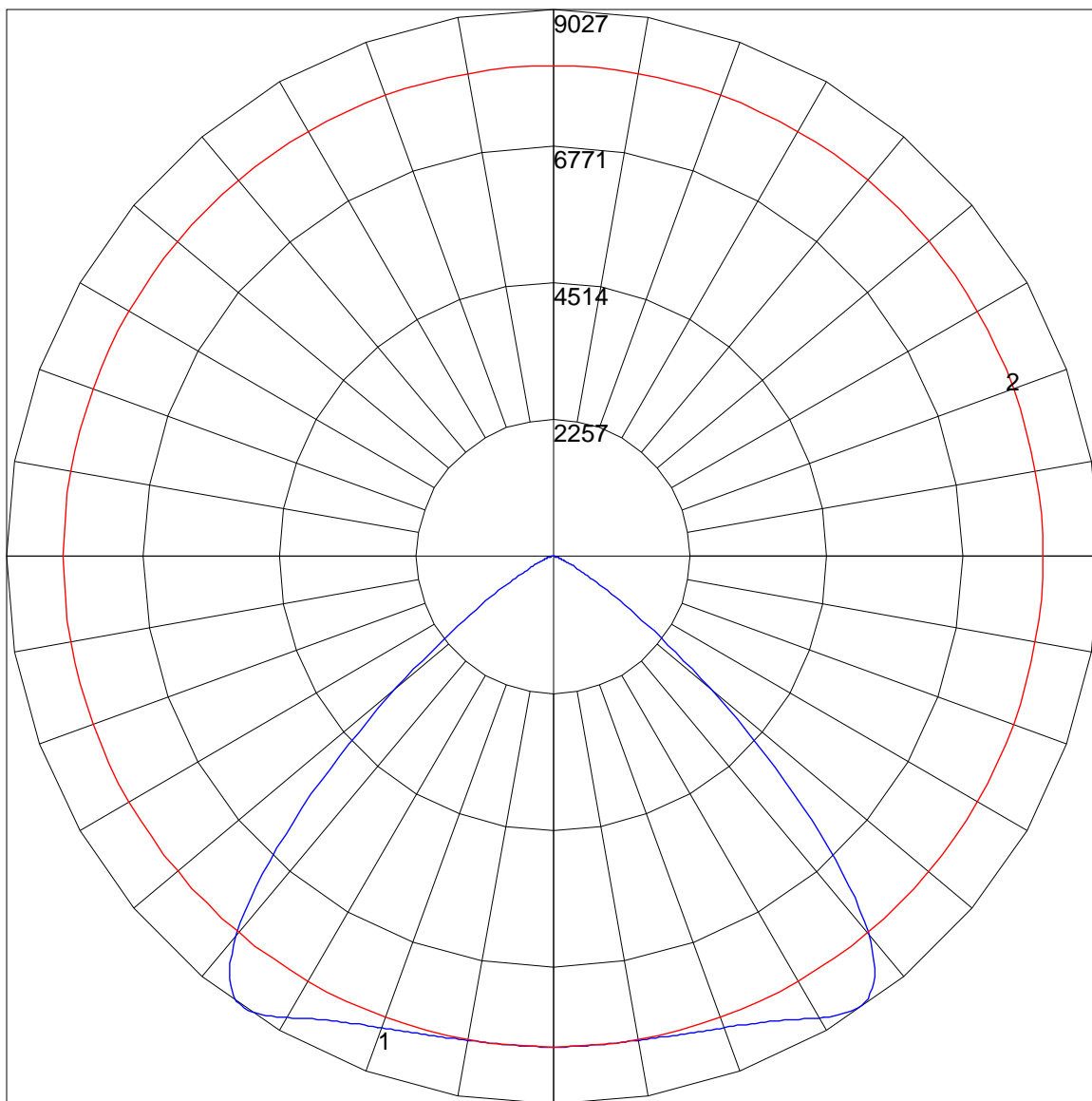
**IES INDOOR REPORT**  
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71
4	90	80	73	67	88	79	72	67	76	71	66	74	69	65	72	68	64	63
5	83	73	65	60	82	72	65	59	70	63	59	68	62	58	66	61	57	56
6	78	66	58	53	76	65	58	53	64	57	52	62	56	52	60	55	51	50
7	72	60	53	47	71	60	52	47	58	52	47	57	51	47	56	50	46	44
8	67	55	48	43	66	55	47	42	53	47	42	52	46	42	51	46	42	40
9	63	51	43	38	62	50	43	38	49	43	38	48	42	38	47	42	38	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	38	34	33

POLAR GRAPH



Maximum Candela = 9027.36 Located At Horizontal Angle = 105, Vertical Angle = 34.5  
# 1 - Vertical Plane Through Horizontal Angles (105 - 285) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)