H.E. WILLIAMS, INC.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MX4WU-4-00-L8-835-FASY-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM ul #13323616.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 8 OCT 2020
[MANUFAC] H E Williams Inc
[LUMCAT] MX4WU-4'00-L8/835-FASY-DIM-UNV
[LUMINAIRE] White aluminum housing, frosted lens enclosure
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3302
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	29.2
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

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

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Results derived from content of manufacturers photometric file.

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CANDELA TABULATION

	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	2.392	2.884	3.375	3.866	4.357	4.849	5.340	5.831	6.322	6.814
92.5	23.457	24.977	26.497	28.016	29.536	31.056	32.576	34.096	35.616	37.136
95.0	51.490	53.807	56.125	58.442	60.760	63.077	65.395	67.712	70.030	72.347
97.5	84.724	87.840	90.955	94.069	97.184	100.299	103.414	106.528	109.643	112.758
100.0	122.900	126.703	130.505	134.307	138.110	141.913	145.715	149.517	153.320	157.123
102.5	165.341	169.658	173.974	178.291	182.608	186.924	191.241	195.558	199.875	204.192
105.0	209.965	214.825	219.685	224.545	229.405	234.265	239.125	243.986	248.846	253.706
107.5	255.890	261.300	266.708	272.118	277.527	282.935	288.345	293.754	299.162	304.572
110.0	302.647	308.547	314.448	320.348	326.248	332.148	338.049	343.949	349.850	355.750
112.5	350.237	356.316	362.396	368.475	374.555	380.633	386.713	392.792	398.872	404.951
115.0	396.579	403.167	409.755	416.342	422.931	429.518	436.107	442.694	449.283	455.870
117.5	442.087	449.264	456.442	463.619	470.796	477.974	485.151	492.328	499.506	506.683
120.0	487.856	495.543	503.229	510.915	518.601	526.287	533.972	541.658	549.344	557.030
122.5	533.105	541.253	549.401	557.549	565.698	573.846	581.994	590.143	598.291	606.439
125.0	578.354	586.849	595.344	603.838	612.334	620.828	629.324	637.819	646.314	654.809
127.5	623.603	632.271	640.940	649.608	658.276	666.945	675.613	684.281	692.950	701.618
130.0	666.772	675.786	684.801	693.816	702.831	711.847	720.862	729.877	738.892	747.907
132.5	708.380	717.858	727.335	736.813	746.290	755.766	765.244	774.721	784.199	793.676

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CANDELA TABULATION - (Cont.)

135.0	749.987	759.754	769.521	779.286	789.053	798.819	808.586	818.352	828.118	837.885
137.5	791.596	801.363	811.129	820.895	830.661	840.428	850.195	859.960	869.727	879.493
140.0	832.684	842.335	851.986	861.636	871.287	880.938	890.589	900.239	909.890	919.541
142.5	872.212	881.747	891.283	900.818	910.353	919.888	929.423	938.958	948.494	958.029
145.0	909.659	919.310	928.961	938.611	948.262	957.913	967.564	977.214	986.865	996.516
147.5	945.547	955.198	964.849	974.499	984.150	993.801	1003.452	1013.101	1022.752	1032.403
150.0	980.393	989.813	999.233	1008.652	1018.072	1027.491	1036.910	1046.330	1055.750	1065.169
152.5	1013.680	1022.752	1031.825	1040.898	1049.971	1059.044	1068.117	1077.190	1086.263	1095.335
155.0	1043.846	1052.514	1061.183	1069.851	1078.519	1087.188	1095.856	1104.524	1113.193	1121.861
157.5	1071.411	1079.560	1087.707	1095.856	1104.005	1112.152	1120.301	1128.449	1136.597	1144.746
160.0	1095.856	1103.426	1110.997	1118.567	1126.138	1133.708	1141.278	1148.849	1156.419	1163.990
162.5	1117.700	1124.634	1131.570	1138.504	1145.439	1152.374	1159.308	1166.243	1173.178	1180.113
165.0	1136.944	1143.070	1149.195	1155.321	1161.447	1167.572	1173.698	1179.823	1185.948	1192.074
167.5	1153.587	1158.846	1164.104	1169.364	1174.623	1179.881	1185.140	1190.400	1195.658	1200.917
170.0	1167.630	1171.907	1176.183	1180.460	1184.736	1189.012	1193.289	1197.565	1201.841	1206.118
172.5	1178.552	1181.904	1185.256	1188.608	1191.960	1195.311	1198.663	1202.015	1205.367	1208.719
175.0	1186.354	1188.724	1191.092	1193.462	1195.832	1198.200	1200.570	1202.940	1205.308	1207.678
177.5	1191.035	1192.363	1193.693	1195.022	1196.351	1197.681	1199.010	1200.339	1201.669	1202.997
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	25.0	**27.5**	**30.0**	**32.5**	**35.0**	**37.5**	**40.0**	**42.5**	**45.0**	**47.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	7.507	8.200	8.894	9.587	10.281	10.974	11.667	12.360	13.054	13.551
92.5	38.373	39.609	40.845	42.082	43.318	44.555	45.792	47.028	48.265	49.126
95.0	74.144	75.941	77.738	79.535	81.333	83.129	84.927	86.723	88.521	89.729
97.5	115.024	117.289	119.554	121.820	124.085	126.351	128.616	130.881	133.147	134.689
100.0	159.816	162.508	165.202	167.895	170.588	173.281	175.974	178.667	181.360	183.174
102.5	207.278	210.365	213.450	216.536	219.622	222.708	225.794	228.880	231.966	234.006
105.0	257.086	260.467	263.848	267.229	270.609	273.990	277.371	280.751	284.132	286.391
107.5	308.241	311.911	315.580	319.250	322.921	326.590	330.260	333.929	337.599	340.055
110.0	359.599	363.447	367.296	371.144	374.994	378.842	382.691	386.539	390.389	392.995
112.5	409.188	413.423	417.660	421.895	426.131	430.367	434.603	438.839	443.075	446.115
115.0	460.447	465.024	469.600	474.178	478.755	483.332	487.909	492.485	497.062	500.258
117.5	511.526	516.369	521.212	526.055	530.897	535.740	540.583	545.426	550.268	553.735
120.0	562.115	567.201	572.287	577.372	582.457	587.542	592.628	597.713	602.799	606.613
122.5	611.871	617.303	622.736	628.169	633.601	639.033	644.465	649.897	655.329	659.375
125.0	660.530	666.251	671.972	677.694	683.415	689.136	694.857	700.578	706.299	710.634
127.5	707.744	713.870	719.995	726.121	732.247	738.373	744.499	750.623	756.749	761.142
130.0	754.264	760.620	766.978	773.335	779.691	786.048	792.405	798.762	805.119	809.627
132.5	800.149	806.621	813.094	819.566	826.039	832.511	838.983	845.455	851.928	856.494
135.0	844.416	850.945	857.476	864.006	870.536	877.066	883.597	890.126	896.657	901.395
137.5	886.196	892.901	899.604	906.308	913.011	919.715	926.418	933.122	939.826	944.795
140.0	926.475	933.411	940.345	947.279	954.215	961.149	968.084	975.019	981.953	987.039
142.5	964.963	971.898	978.833	985.768	992.702	999.636	1006.572	1013.506	1020.441	1025.641
145.0	1003.219	1009.923	1016.626	1023.331	1030.034	1036.738	1043.441	1050.145	1056.848	1062.107
147.5	1039.049	1045.695	1052.340	1058.987	1065.632	1072.278	1078.924	1085.570	1092.215	1097.300
150.0	1071.700	1078.230	1084.760	1091.290	1097.821	1104.350	1110.881	1117.411	1123.941	1128.853
152.5	1101.404	1107.472	1113.539	1119.607	1125.675	1131.743	1137.810	1143.878	1149.946	1154.743
155.0	1127.466	1133.072	1138.678	1144.283	1149.889	1155.494	1161.100	1166.705	1172.311	1176.877
157.5	1149.831	1154.916	1160.002	1165.087	1170.173	1175.258	1180.344	1185.429	1190.514	1194.791
160.0	1168.556	1173.120	1177.686	1182.251	1186.817	1191.382	1195.947	1200.512	1205.078	1208.950
162.5	1184.100	1188.088	1192.075	1196.063	1200.050	1204.037	1208.025	1212.012	1216.000	1219.467
165.0	1195.542	1199.009	1202.477	1205.944	1209.411	1212.879	1216.347	1219.814	1223.281	1226.459
167.5	1203.690	1206.465	1209.238	1212.012	1214.786	1217.560	1220.333	1223.108	1225.881	1228.656
170.0	1208.256	1210.394	1212.533	1214.671	1216.808	1218.947	1221.085	1223.223	1225.362	1227.558
172.5	1210.047	1211.376	1212.706	1214.035	1215.364	1216.693	1218.023	1219.351	1220.680	1222.414
175.0	1208.256	1208.833	1209.411	1209.990	1210.567	1211.145	1211.723	1212.300	1212.879	1214.092
177.5	1202.824	1202.650	1202.477	1202.304	1202.130	1201.957	1201.783	1201.610	1201.436	1202.072
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	50.0	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	14.048	14.545	15.042	15.539	16.036	16.533	17.030	17.527	17.758	17.990
92.5	49.987	50.849	51.710	52.571	53.432	54.293	55.154	56.015	56.322	56.628
95.0	90.937	92.144	93.352	94.560	95.768	96.975	98.183	99.391	99.779	100.166
97.5	136.233	137.775	139.318	140.862	142.404	143.947	145.490	147.033	147.518	148.003
100.0	184.989	186.804	188.619	190.433	192.248	194.062	195.877	197.691	198.188	198.686
102.5	236.045	238.086	240.126	242.165	244.205	246.246	248.285	250.325	250.834	251.342
105.0	288.651	290.910	293.171	295.430	297.690	299.949	302.209	304.468	305.076	305.682
107.5	342.511	344.967	347.423	349.879	352.335	354.791	357.247	359.703	360.368	361.032
110.0	395.601	398.208	400.814	403.420	406.026	408.633	411.239	413.845	414.556	415.267
112.5	449.154	452.194	455.234	458.274	461.313	464.353	467.393	470.433	471.143	471.854
115.0	503.454	506.649	509.845	513.041	516.236	519.432	522.628	525.823	526.633	527.441
117.5	557.204	560.671	564.138	567.605	571.072	574.541	578.008	581.475	582.285	583.093
120.0	610.427	614.241	618.055	621.869	625.683	629.498	633.312	637.126	637.993	638.859
122.5	663.420	667.464	671.510	675.555	679.601	683.646	687.690	691.736	692.661	693.585
125.0	714.967	719.302	723.637	727.970	732.305	736.639	740.973	745.307	746.232	747.156
127.5	765.533	769.925	774.317	778.709	783.100	787.493	791.885	796.276	797.433	798.588
130.0	814.134	818.642	823.149	827.657	832.164	836.672	841.179	845.687	846.900	848.114
132.5	861.059	865.625	870.189	874.755	879.320	883.886	888.450	893.016	894.287	895.559
135.0	906.134	910.873	915.612	920.350	925.089	929.828	934.567	939.305	940.692	942.079
137.5	949.766	954.735	959.705	964.675	969.645	974.614	979.585	984.554	985.999	987.443
140.0	992.125	997.210	1002.295	1007.381	1012.466	1017.552	1022.638	1027.723	1029.052	1030.381
142.5	1030.842	1036.044	1041.245	1046.446	1051.646	1056.848	1062.049	1067.250	1068.694	1070.139
145.0	1067.366	1072.625	1077.884	1083.142	1088.401	1093.661	1098.919	1104.178	1105.738	1107.298
147.5	1102.386	1107.472	1112.557	1117.642	1122.727	1127.813	1132.899	1137.984	1139.544	1141.104
150.0	1133.766	1138.678	1143.589	1148.502	1153.414	1158.325	1163.238	1168.150	1169.652	1171.154
152.5	1159.540	1164.336	1169.133	1173.929	1178.726	1183.522	1188.319	1193.115	1194.617	1196.120
155.0	1181.441	1186.007	1190.572	1195.138	1199.703	1204.268	1208.833	1213.399	1214.786	1216.172
157.5	1199.068	1203.343	1207.620	1211.897	1216.173	1220.449	1224.726	1229.002	1230.331	1231.660
160.0	1212.822	1216.694	1220.566	1224.437	1228.309	1232.181	1236.052	1239.924	1241.253	1242.582
162.5	1222.934	1226.402	1229.869	1233.337	1236.804	1240.271	1243.739	1247.206	1248.361	1249.518
165.0	1229.637	1232.817	1235.995	1239.173	1242.351	1245.530	1248.708	1251.886	1252.811	1253.735
167.5	1231.429	1234.203	1236.977	1239.751	1242.524	1245.299	1248.072	1250.846	1251.772	1252.696

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CANDELA TABULATION - (Cont.)

170.0	1229.754	1231.949	1234.145	1236.342	1238.538	1240.733	1242.929	1245.125	1245.993	1246.859
172.5	1224.148	1225.881	1227.615	1229.349	1231.083	1232.817	1234.550	1236.284	1236.862	1237.439
175.0	1215.306	1216.519	1217.732	1218.947	1220.160	1221.373	1222.587	1223.801	1224.090	1224.379
177.5	1202.707	1203.343	1203.979	1204.614	1205.250	1205.886	1206.521	1207.157	1207.389	1207.620
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	75.0	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	18.221	18.452	18.682	18.914	19.145	19.376	19.608	19.376	19.145	18.914
92.5	56.934	57.241	57.546	57.853	58.160	58.465	58.772	58.465	58.160	57.853
95.0	100.553	100.940	101.327	101.715	102.102	102.489	102.876	102.489	102.102	101.715
97.5	148.489	148.974	149.460	149.946	150.431	150.916	151.402	150.916	150.431	149.946
100.0	199.182	199.679	200.177	200.673	201.170	201.668	202.164	201.668	201.170	200.673
102.5	251.851	252.359	252.868	253.376	253.885	254.393	254.902	254.393	253.885	253.376
105.0	306.289	306.896	307.502	308.109	308.716	309.322	309.929	309.322	308.716	308.109
107.5	361.697	362.362	363.026	363.691	364.356	365.020	365.685	365.020	364.356	363.691
110.0	415.978	416.689	417.399	418.111	418.821	419.533	420.243	419.533	418.821	418.111
112.5	472.565	473.276	473.987	474.698	475.408	476.120	476.830	476.120	475.408	474.698
115.0	528.251	529.059	529.869	530.678	531.487	532.296	533.105	532.296	531.487	530.678

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CANDELA TABULATION - (Cont.)

117.5	583.902	584.711	585.520	586.329	587.138	587.948	588.756	587.948	587.138	586.329
120.0	639.727	640.593	641.460	642.327	643.194	644.061	644.928	644.061	643.194	642.327
122.5	694.510	695.434	696.359	697.284	698.209	699.134	700.058	699.134	698.209	697.284
125.0	748.080	749.006	749.930	750.855	751.779	752.704	753.628	752.704	751.779	750.855
127.5	799.744	800.900	802.055	803.212	804.367	805.524	806.679	805.524	804.367	803.212
130.0	849.327	850.540	851.755	852.968	854.181	855.395	856.609	855.395	854.181	852.968
132.5	896.830	898.101	899.373	900.645	901.916	903.188	904.459	903.188	901.916	900.645
135.0	943.466	944.853	946.240	947.626	949.014	950.401	951.787	950.401	949.014	947.626
137.5	988.889	990.333	991.778	993.222	994.668	996.112	997.557	996.112	994.668	993.222
140.0	1031.711	1033.039	1034.368	1035.697	1037.027	1038.356	1039.685	1038.356	1037.027	1035.697
142.5	1071.584	1073.029	1074.473	1075.918	1077.363	1078.808	1080.252	1078.808	1077.363	1075.918
145.0	1108.858	1110.419	1111.980	1113.540	1115.100	1116.660	1118.220	1116.660	1115.100	1113.540
147.5	1142.665	1144.225	1145.785	1147.346	1148.907	1150.467	1152.027	1150.467	1148.907	1147.346
150.0	1172.658	1174.160	1175.662	1177.165	1178.668	1180.170	1181.673	1180.170	1178.668	1177.165
152.5	1197.623	1199.125	1200.628	1202.130	1203.633	1205.136	1206.638	1205.136	1203.633	1202.130
155.0	1217.560	1218.947	1220.333	1221.720	1223.108	1224.494	1225.881	1224.494	1223.108	1221.720
157.5	1232.990	1234.319	1235.648	1236.977	1238.306	1239.635	1240.964	1239.635	1238.306	1236.977
160.0	1243.912	1245.241	1246.570	1247.899	1249.228	1250.557	1251.886	1250.557	1249.228	1247.899
162.5	1250.673	1251.828	1252.985	1254.140	1255.296	1256.452	1257.607	1256.452	1255.296	1254.140
165.0	1254.661	1255.585	1256.510	1257.434	1258.359	1259.283	1260.208	1259.283	1258.359	1257.434
167.5	1253.621	1254.545	1255.470	1256.394	1257.319	1258.243	1259.169	1258.243	1257.319	1256.394
170.0	1247.726	1248.592	1249.460	1250.326	1251.193	1252.060	1252.927	1252.060	1251.193	1250.326
172.5	1238.017	1238.596	1239.173	1239.751	1240.329	1240.906	1241.485	1240.906	1240.329	1239.751
175.0	1224.668	1224.957	1225.245	1225.534	1225.823	1226.112	1226.402	1226.112	1225.823	1225.534
177.5	1207.851	1208.083	1208.313	1208.544	1208.775	1209.007	1209.238	1209.007	1208.775	1208.544
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

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

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Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	18.682	18.452	18.221	17.990	17.758	17.527	17.030	16.533	16.036	15.539
92.5	57.546	57.241	56.934	56.628	56.322	56.015	55.154	54.293	53.432	52.571
95.0	101.327	100.940	100.553	100.166	99.779	99.391	98.183	96.975	95.768	94.560
97.5	149.460	148.974	148.489	148.003	147.518	147.033	145.490	143.947	142.404	140.862
100.0	200.177	199.679	199.182	198.686	198.188	197.691	195.877	194.062	192.248	190.433
102.5	252.868	252.359	251.851	251.342	250.834	250.325	248.285	246.246	244.205	242.165
105.0	307.502	306.896	306.289	305.682	305.076	304.468	302.209	299.949	297.690	295.430
107.5	363.026	362.362	361.697	361.032	360.368	359.703	357.247	354.791	352.335	349.879
110.0	417.399	416.689	415.978	415.267	414.556	413.845	411.239	408.633	406.026	403.420
112.5	473.987	473.276	472.565	471.854	471.143	470.433	467.393	464.353	461.313	458.274
115.0	529.869	529.059	528.251	527.441	526.633	525.823	522.628	519.432	516.236	513.041
117.5	585.520	584.711	583.902	583.093	582.285	581.475	578.008	574.541	571.072	567.605
120.0	641.460	640.593	639.727	638.859	637.993	637.126	633.312	629.498	625.683	621.869
122.5	696.359	695.434	694.510	693.585	692.661	691.736	687.690	683.646	679.601	675.555
125.0	749.930	749.006	748.080	747.156	746.232	745.307	740.973	736.639	732.305	727.970
127.5	802.055	800.900	799.744	798.588	797.432	796.276	791.884	787.493	783.100	778.709
130.0	851.755	850.540	849.327	848.114	846.900	845.687	841.179	836.672	832.164	827.657
132.5	899.373	898.101	896.830	895.559	894.287	893.016	888.450	883.886	879.320	874.755
135.0	946.240	944.853	943.466	942.079	940.692	939.305	934.567	929.828	925.089	920.350
137.5	991.778	990.333	988.889	987.443	985.999	984.554	979.585	974.614	969.645	964.675
140.0	1034.368	1033.039	1031.711	1030.381	1029.052	1027.723	1022.638	1017.552	1012.466	1007.381
142.5	1074.473	1073.029	1071.584	1070.139	1068.694	1067.250	1062.049	1056.848	1051.646	1046.446
145.0	1111.980	1110.419	1108.858	1107.298	1105.738	1104.178	1098.919	1093.661	1088.401	1083.142
147.5	1145.785	1144.225	1142.665	1141.104	1139.544	1137.984	1132.899	1127.813	1122.727	1117.642
150.0	1175.662	1174.160	1172.658	1171.154	1169.652	1168.150	1163.238	1158.325	1153.414	1148.502
152.5	1200.628	1199.125	1197.623	1196.120	1194.617	1193.115	1188.319	1183.522	1178.726	1173.929
155.0	1220.333	1218.947	1217.560	1216.172	1214.786	1213.399	1208.833	1204.268	1199.703	1195.138
157.5	1235.648	1234.319	1232.990	1231.660	1230.331	1229.002	1224.726	1220.449	1216.173	1211.897
160.0	1246.570	1245.241	1243.912	1242.582	1241.253	1239.924	1236.052	1232.181	1228.309	1224.437
162.5	1252.985	1251.828	1250.673	1249.518	1248.361	1247.206	1243.739	1240.271	1236.804	1233.337
165.0	1256.510	1255.585	1254.661	1253.735	1252.811	1251.886	1248.708	1245.530	1242.351	1239.173
167.5	1255.470	1254.545	1253.621	1252.696	1251.772	1250.846	1248.072	1245.299	1242.524	1239.751
170.0	1249.460	1248.592	1247.726	1246.859	1245.993	1245.125	1242.929	1240.733	1238.538	1236.342
172.5	1239.173	1238.596	1238.017	1237.439	1236.862	1236.284	1234.550	1232.817	1231.083	1229.349
175.0	1225.245	1224.957	1224.668	1224.379	1224.090	1223.801	1222.587	1221.373	1220.160	1218.947
177.5	1208.313	1208.083	1207.851	1207.620	1207.389	1207.157	1206.521	1205.886	1205.250	1204.614
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	125.0	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	15.042	14.545	14.048	13.551	13.054	12.360	11.667	10.974	10.281	9.587
92.5	51.710	50.849	49.987	49.126	48.265	47.028	45.792	44.555	43.318	42.082
95.0	93.352	92.144	90.937	89.729	88.521	86.723	84.927	83.129	81.333	79.535
97.5	139.318	137.775	136.233	134.689	133.147	130.881	128.616	126.351	124.085	121.820
100.0	188.619	186.804	184.989	183.174	181.360	178.667	175.974	173.281	170.588	167.895
102.5	240.126	238.086	236.045	234.006	231.966	228.880	225.794	222.708	219.622	216.536
105.0	293.171	290.910	288.651	286.391	284.132	280.751	277.371	273.990	270.609	267.229
107.5	347.423	344.967	342.511	340.055	337.599	333.929	330.260	326.590	322.921	319.250
110.0	400.814	398.208	395.601	392.995	390.389	386.539	382.691	378.842	374.994	371.144
112.5	455.234	452.194	449.154	446.115	443.075	438.839	434.603	430.367	426.131	421.895
115.0	509.845	506.649	503.454	500.258	497.062	492.485	487.909	483.332	478.755	474.178
117.5	564.138	560.671	557.204	553.735	550.268	545.426	540.583	535.740	530.897	526.055
120.0	618.055	614.241	610.427	606.613	602.799	597.713	592.628	587.542	582.457	577.372
122.5	671.510	667.464	663.420	659.375	655.329	649.897	644.465	639.033	633.601	628.169
125.0	723.637	719.302	714.967	710.634	706.299	700.578	694.857	689.136	683.415	677.694
127.5	774.317	769.925	765.533	761.142	756.749	750.623	744.498	738.373	732.247	726.121
130.0	823.149	818.642	814.134	809.627	805.119	798.762	792.405	786.048	779.691	773.335
132.5	870.189	865.625	861.059	856.494	851.928	845.455	838.983	832.511	826.039	819.566
135.0	915.612	910.873	906.134	901.395	896.657	890.126	883.597	877.066	870.536	864.006
137.5	959.705	954.735	949.766	944.795	939.826	933.122	926.418	919.715	913.011	906.308
140.0	1002.295	997.210	992.125	987.039	981.953	975.019	968.084	961.149	954.215	947.279
142.5	1041.245	1036.044	1030.842	1025.641	1020.441	1013.506	1006.572	999.636	992.702	985.768
145.0	1077.884	1072.625	1067.366	1062.107	1056.848	1050.145	1043.441	1036.738	1030.034	1023.331
147.5	1112.557	1107.472	1102.386	1097.300	1092.215	1085.570	1078.924	1072.278	1065.632	1058.987
150.0	1143.589	1138.678	1133.766	1128.853	1123.941	1117.411	1110.881	1104.350	1097.821	1091.290

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CANDELA TABULATION - (Cont.)

152.5	1169.133	1164.336	1159.540	1154.743	1149.946	1143.878	1137.810	1131.743	1125.675	1119.607
155.0	1190.572	1186.007	1181.441	1176.877	1172.311	1166.705	1161.100	1155.494	1149.889	1144.283
157.5	1207.620	1203.343	1199.068	1194.791	1190.514	1185.429	1180.344	1175.258	1170.173	1165.087
160.0	1220.566	1216.694	1212.822	1208.950	1205.078	1200.512	1195.947	1191.382	1186.817	1182.251
162.5	1229.869	1226.402	1222.934	1219.467	1216.000	1212.012	1208.025	1204.037	1200.050	1196.063
165.0	1235.995	1232.817	1229.637	1226.459	1223.281	1219.814	1216.347	1212.879	1209.411	1205.944
167.5	1236.977	1234.203	1231.429	1228.656	1225.881	1223.108	1220.333	1217.560	1214.786	1212.012
170.0	1234.145	1231.949	1229.754	1227.558	1225.362	1223.223	1221.085	1218.947	1216.808	1214.671
172.5	1227.615	1225.881	1224.148	1222.414	1220.680	1219.351	1218.023	1216.693	1215.364	1214.035
175.0	1217.732	1216.519	1215.306	1214.092	1212.879	1212.300	1211.723	1211.145	1210.567	1209.990
177.5	1203.979	1203.343	1202.707	1202.072	1201.436	1201.610	1201.783	1201.957	1202.130	1202.304
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	150.0	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	8.894	8.200	7.507	6.814	6.322	5.831	5.340	4.849	4.357	3.866
92.5	40.845	39.609	38.373	37.136	35.616	34.096	32.576	31.056	29.536	28.016
95.0	77.738	75.941	74.144	72.347	70.030	67.712	65.395	63.077	60.760	58.442
97.5	119.554	117.289	115.024	112.758	109.643	106.528	103.414	100.299	97.184	94.069

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CANDELA TABULATION - (Cont.)

100.0	165.202	162.508	159.816	157.123	153.320	149.517	145.715	141.913	138.110	134.307
102.5	213.450	210.365	207.278	204.192	199.875	195.558	191.241	186.924	182.608	178.291
105.0	263.848	260.467	257.086	253.706	248.846	243.986	239.125	234.265	229.405	224.545
107.5	315.580	311.911	308.241	304.572	299.162	293.754	288.345	282.935	277.527	272.118
110.0	367.296	363.447	359.599	355.750	349.850	343.949	338.049	332.148	326.248	320.348
112.5	417.660	413.423	409.188	404.951	398.872	392.792	386.713	380.633	374.555	368.475
115.0	469.601	465.024	460.447	455.870	449.283	442.694	436.107	429.518	422.931	416.342
117.5	521.212	516.369	511.526	506.683	499.506	492.328	485.151	477.974	470.796	463.619
120.0	572.287	567.201	562.115	557.030	549.344	541.658	533.972	526.287	518.601	510.915
122.5	622.736	617.303	611.871	606.439	598.291	590.143	581.994	573.846	565.698	557.549
125.0	671.972	666.251	660.530	654.809	646.314	637.819	629.324	620.828	612.334	603.838
127.5	719.995	713.870	707.744	701.618	692.950	684.281	675.613	666.945	658.276	649.608
130.0	766.978	760.620	754.264	747.907	738.892	729.877	720.862	711.847	702.831	693.816
132.5	813.094	806.621	800.149	793.676	784.199	774.721	765.244	755.766	746.290	736.813
135.0	857.476	850.945	844.416	837.885	828.118	818.352	808.586	798.819	789.053	779.286
137.5	899.604	892.901	886.196	879.493	869.727	859.960	850.195	840.428	830.661	820.895
140.0	940.345	933.411	926.475	919.541	909.890	900.239	890.589	880.938	871.287	861.636
142.5	978.833	971.898	964.963	958.029	948.494	938.958	929.423	919.888	910.353	900.818
145.0	1016.626	1009.923	1003.219	996.516	986.865	977.214	967.564	957.913	948.262	938.611
147.5	1052.340	1045.695	1039.049	1032.403	1022.752	1013.101	1003.452	993.801	984.150	974.499
150.0	1084.760	1078.230	1071.700	1065.169	1055.750	1046.330	1036.910	1027.491	1018.072	1008.652
152.5	1113.539	1107.472	1101.404	1095.335	1086.263	1077.190	1068.117	1059.044	1049.971	1040.898
155.0	1138.678	1133.072	1127.466	1121.861	1113.193	1104.524	1095.856	1087.188	1078.519	1069.851
157.5	1160.002	1154.916	1149.831	1144.746	1136.597	1128.449	1120.301	1112.152	1104.005	1095.856
160.0	1177.686	1173.120	1168.556	1163.990	1156.419	1148.849	1141.278	1133.708	1126.138	1118.567
162.5	1192.075	1188.088	1184.100	1180.113	1173.178	1166.243	1159.308	1152.374	1145.439	1138.504
165.0	1202.477	1199.009	1195.542	1192.074	1185.948	1179.823	1173.698	1167.572	1161.447	1155.321
167.5	1209.238	1206.465	1203.690	1200.917	1195.658	1190.400	1185.140	1179.881	1174.623	1169.364
170.0	1212.533	1210.394	1208.256	1206.118	1201.841	1197.565	1193.289	1189.012	1184.736	1180.460
172.5	1212.706	1211.376	1210.047	1208.719	1205.367	1202.015	1198.663	1195.311	1191.960	1188.608
175.0	1209.411	1208.833	1208.256	1207.678	1205.308	1202.940	1200.570	1198.200	1195.832	1193.462
177.5	1202.477	1202.650	1202.824	1202.997	1201.669	1200.339	1199.010	1197.681	1196.351	1195.022
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

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

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CANDELA TABULATION - (Cont.)

47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	3.375	2.884	2.392	2.167	1.942	1.716	1.491	1.266	1.041	0.815
92.5	26.497	24.977	23.457	22.318	21.180	20.041	18.903	17.765	16.627	15.488
95.0	56.125	53.807	51.490	50.016	48.543	47.069	45.596	44.122	42.648	41.175
97.5	90.955	87.840	84.724	82.835	80.945	79.056	77.166	75.276	73.386	71.497
100.0	130.505	126.703	122.900	120.479	118.057	115.636	113.215	110.792	108.371	105.950
102.5	173.974	169.658	165.341	162.261	159.181	156.101	153.021	149.939	146.859	143.779
105.0	219.685	214.825	209.965	206.231	202.499	198.765	195.033	191.299	187.567	183.833
107.5	266.708	261.300	255.890	251.620	247.349	243.079	238.808	234.537	230.266	225.996
110.0	314.448	308.547	302.647	297.903	293.158	288.414	283.669	278.925	274.181	269.436
112.5	362.396	356.316	350.237	344.967	339.696	334.426	329.156	323.885	318.615	313.345
115.0	409.755	403.167	396.579	390.881	385.183	379.484	373.787	368.088	362.391	356.692
117.5	456.442	449.264	442.087	436.007	429.928	423.848	417.770	411.691	405.611	399.532
120.0	503.229	495.543	487.856	481.327	474.796	468.265	461.736	455.205	448.675	442.145
122.5	549.401	541.253	533.105	526.246	519.385	512.526	505.666	498.807	491.947	485.088
125.0	595.344	586.849	578.354	571.055	563.756	556.457	549.159	541.860	534.561	527.263
127.5	640.940	632.271	623.603	615.859	608.115	600.371	592.627	584.884	577.141	569.397
130.0	684.801	675.786	666.772	658.739	650.707	642.674	634.641	626.609	618.576	610.543
132.5	727.335	717.858	708.380	700.116	691.852	683.588	675.324	667.061	658.796	650.532
135.0	769.521	759.754	749.987	741.609	733.229	724.850	716.470	708.091	699.711	691.332
137.5	811.129	801.363	791.596	783.159	774.721	766.285	757.847	749.410	740.973	732.536
140.0	851.986	842.335	832.684	824.190	815.694	807.199	798.704	790.209	781.714	773.219
142.5	891.283	881.747	872.212	863.774	855.338	846.900	838.463	830.025	821.589	813.151
145.0	928.961	919.310	909.659	901.453	893.248	885.041	876.835	868.629	860.423	852.216
147.5	964.849	955.198	945.547	937.572	929.596	921.622	913.647	905.672	897.697	889.723
150.0	999.233	989.813	980.393	972.592	964.790	956.988	949.186	941.386	933.584	925.782
152.5	1031.825	1022.752	1013.680	1005.994	998.308	990.621	982.935	975.250	967.564	959.878
155.0	1061.183	1052.514	1043.846	1036.391	1028.936	1021.481	1014.027	1006.572	999.117	991.662
157.5	1087.707	1079.560	1071.411	1064.361	1057.311	1050.260	1043.210	1036.160	1029.110	1022.059
160.0	1110.997	1103.426	1095.856	1089.326	1082.796	1076.266	1069.735	1063.206	1056.675	1050.145
162.5	1131.570	1124.634	1117.700	1111.805	1105.911	1100.017	1094.122	1088.228	1082.333	1076.439
165.0	1149.195	1143.070	1136.944	1131.743	1126.542	1121.341	1116.140	1110.939	1105.738	1100.536
167.5	1164.104	1158.846	1153.587	1149.079	1144.572	1140.064	1135.557	1131.049	1126.542	1122.034
170.0	1176.183	1171.907	1167.630	1163.874	1160.118	1156.362	1152.605	1148.849	1145.093	1141.336
172.5	1185.256	1181.904	1178.552	1175.663	1172.773	1169.884	1166.994	1164.105	1161.215	1158.326
175.0	1191.092	1188.724	1186.354	1184.447	1182.540	1180.633	1178.726	1176.819	1174.912	1173.005
177.5	1193.693	1192.363	1191.035	1190.225	1189.417	1188.607	1187.799	1186.989	1186.181	1185.371
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5	220.0	222.5
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.590	0.364	0.358	0.353	0.347	0.341	0.336	0.329	0.323	0.318
92.5	14.350	13.211	12.830	12.448	12.067	11.685	11.304	10.922	10.541	10.159
95.0	39.701	38.228	37.806	37.384	36.962	36.540	36.119	35.696	35.274	34.853
97.5	69.607	67.718	67.134	66.550	65.967	65.383	64.799	64.216	63.632	63.048
100.0	103.529	101.107	100.195	99.282	98.368	97.455	96.543	95.630	94.716	93.803
102.5	140.699	137.619	136.296	134.972	133.649	132.326	131.002	129.678	128.356	127.032
105.0	180.100	176.367	174.575	172.784	170.993	169.201	167.410	165.618	163.827	162.035
107.5	221.725	217.455	215.154	212.855	210.555	208.255	205.955	203.655	201.355	199.055
110.0	264.692	259.947	257.075	254.203	251.331	248.458	245.587	242.714	239.842	236.971
112.5	308.074	302.804	299.400	295.997	292.592	289.188	285.785	282.381	278.977	275.573
115.0	350.995	345.296	341.367	337.437	333.507	329.578	325.649	321.719	317.789	313.859
117.5	393.452	387.373	383.079	378.785	374.491	370.198	365.903	361.610	357.316	353.023
120.0	435.615	429.084	424.473	419.861	415.250	410.638	406.026	401.415	396.804	392.191
122.5	478.229	471.369	466.145	460.921	455.697	450.472	445.248	440.024	434.799	429.576
125.0	519.964	512.665	507.152	501.639	496.126	490.612	485.100	479.586	474.073	468.561
127.5	561.653	553.909	548.078	542.248	536.416	530.585	524.755	518.924	513.092	507.262
130.0	602.511	594.478	588.352	582.226	576.101	569.975	563.849	557.723	551.598	545.472

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CANDELA TABULATION - (Cont.)

132.5	642.269	634.004	627.705	621.407	615.107	608.809	602.510	596.211	589.912	583.613
135.0	682.952	674.573	667.985	661.397	654.809	648.221	641.633	635.045	628.457	621.869
137.5	724.098	715.661	708.843	702.023	695.204	688.385	681.565	674.747	667.928	661.108
140.0	764.724	756.229	749.295	742.359	735.425	728.490	721.555	714.621	707.686	700.751
142.5	804.714	796.276	789.342	782.408	775.472	768.538	761.603	754.669	747.733	740.799
145.0	844.011	835.804	828.812	821.820	814.827	807.834	800.842	793.850	786.857	779.864
147.5	881.747	873.772	866.838	859.902	852.968	846.034	839.098	832.164	825.229	818.294
150.0	917.981	910.179	903.418	896.656	889.895	883.134	876.372	869.611	862.850	856.088
152.5	952.192	944.506	937.919	931.330	924.743	918.154	911.567	904.978	898.391	891.802
155.0	984.207	976.753	970.338	963.924	957.509	951.094	944.679	938.265	931.850	925.436
157.5	1015.009	1007.958	1001.775	995.592	989.408	983.224	977.042	970.858	964.674	958.491
160.0	1043.614	1037.085	1031.248	1025.411	1019.574	1013.737	1007.902	1002.065	996.228	990.391
162.5	1070.545	1064.650	1059.276	1053.901	1048.527	1043.153	1037.778	1032.403	1027.029	1021.655
165.0	1095.335	1090.135	1085.281	1080.426	1075.572	1070.717	1065.863	1061.008	1056.154	1051.300
167.5	1117.527	1113.019	1108.743	1104.466	1100.190	1095.914	1091.637	1087.360	1083.085	1078.808
170.0	1137.580	1133.824	1130.067	1126.311	1122.555	1118.798	1115.042	1111.286	1107.530	1103.773
172.5	1155.436	1152.547	1149.369	1146.190	1143.012	1139.834	1136.655	1133.477	1130.299	1127.120
175.0	1171.098	1169.191	1166.648	1164.105	1161.562	1159.019	1156.477	1153.934	1151.391	1148.849
177.5	1184.563	1183.753	1181.962	1180.170	1178.379	1176.588	1174.796	1173.005	1171.213	1169.422
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	225.0	**227.5**	**230.0**	**232.5**	**235.0**	**237.5**	**240.0**	**242.5**	**245.0**	**247.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312
92.5	9.778	9.535	9.293	9.050	8.807	8.564	8.321	8.078	7.836	7.593
95.0	34.430	34.090	33.749	33.407	33.066	32.726	32.385	32.043	31.702	31.362
97.5	62.464	62.008	61.552	61.095	60.639	60.181	59.725	59.269	58.812	58.356
100.0	92.891	92.307	91.723	91.140	90.556	89.972	89.388	88.805	88.221	87.637
102.5	125.708	124.945	124.182	123.420	122.657	121.894	121.131	120.369	119.606	118.843
105.0	160.244	159.261	158.279	157.296	156.314	155.331	154.349	153.366	152.384	151.402
107.5	196.755	195.489	194.223	192.958	191.693	190.427	189.161	187.896	186.630	185.364
110.0	234.098	232.532	230.965	229.400	227.834	226.267	224.701	223.136	221.570	220.003
112.5	272.169	270.291	268.413	266.535	264.657	262.778	260.900	259.022	257.144	255.266
115.0	309.929	307.838	305.746	303.654	301.562	299.470	297.377	295.285	293.193	291.101
117.5	348.728	346.347	343.967	341.586	339.206	336.825	334.444	332.063	329.682	327.301
120.0	387.580	384.870	382.159	379.449	376.740	374.029	371.319	368.609	365.898	363.188
122.5	424.351	421.456	418.561	415.666	412.771	409.875	406.980	404.085	401.190	398.295
125.0	463.047	459.996	456.945	453.894	450.843	447.792	444.739	441.688	438.637	435.586
127.5	501.431	498.253	495.074	491.896	488.718	485.538	482.360	479.182	476.003	472.825
130.0	539.346	536.058	532.770	529.481	526.193	522.905	519.617	516.328	513.041	509.752
132.5	577.314	573.905	570.495	567.085	563.675	560.266	556.857	553.446	550.037	546.627
135.0	615.281	611.640	607.999	604.359	600.718	597.077	593.437	589.796	586.155	582.515
137.5	654.289	650.417	646.545	642.674	638.802	634.930	631.058	627.186	623.314	619.442
140.0	693.816	689.944	686.072	682.200	678.329	674.458	670.586	666.714	662.842	658.970
142.5	733.865	730.051	726.236	722.422	718.608	714.794	710.980	707.166	703.352	699.538
145.0	772.872	769.174	765.475	761.777	758.078	754.380	750.681	746.983	743.284	739.586
147.5	811.359	807.777	804.194	800.611	797.028	793.445	789.862	786.280	782.697	779.114
150.0	849.327	845.687	842.046	838.405	834.765	831.124	827.483	823.843	820.202	816.561
152.5	885.215	881.516	877.818	874.119	870.421	866.722	863.024	859.325	855.627	851.928
155.0	919.021	915.496	911.971	908.446	904.921	901.395	897.870	894.345	890.820	887.295
157.5	952.308	948.956	945.605	942.252	938.900	935.549	932.197	928.845	925.493	922.142
160.0	984.554	981.608	978.660	975.713	972.765	969.818	966.870	963.924	960.976	958.029
162.5	1016.281	1013.622	1010.964	1008.305	1005.647	1002.989	1000.330	997.671	995.014	992.355
165.0	1046.446	1043.960	1041.476	1038.991	1036.506	1034.021	1031.536	1029.051	1026.567	1024.081
167.5	1074.531	1072.451	1070.370	1068.290	1066.209	1064.130	1062.049	1059.969	1057.888	1055.808
170.0	1100.017	1098.399	1096.781	1095.163	1093.545	1091.926	1090.308	1088.690	1087.072	1085.454
172.5	1123.941	1122.786	1121.630	1120.474	1119.319	1118.162	1117.007	1115.852	1114.695	1113.540
175.0	1146.306	1145.670	1145.035	1144.399	1143.763	1143.128	1142.492	1141.856	1141.221	1140.585
177.5	1167.630	1167.341	1167.052	1166.763	1166.475	1166.186	1165.897	1165.608	1165.319	1165.030
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	250.0	**252.5**	**255.0**	**257.5**	**260.0**	**262.5**	**265.0**	**267.5**	**270.0**	**272.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.306	0.300	0.294	0.289	0.283	0.278	0.272	0.266	0.260	0.266
92.5	7.506	7.420	7.333	7.246	7.161	7.074	6.987	6.900	6.814	6.900
95.0	31.200	31.039	30.876	30.714	30.553	30.391	30.229	30.068	29.906	30.068
97.5	58.160	57.963	57.766	57.570	57.373	57.177	56.981	56.783	56.587	56.783
100.0	87.377	87.117	86.857	86.596	86.337	86.077	85.817	85.557	85.296	85.557
102.5	118.496	118.149	117.803	117.456	117.109	116.763	116.417	116.070	115.723	116.070
105.0	150.939	150.477	150.015	149.552	149.091	148.628	148.166	147.704	147.241	147.704
107.5	184.839	184.312	183.787	183.261	182.734	182.209	181.683	181.157	180.631	181.157
110.0	219.414	218.824	218.234	217.645	217.056	216.467	215.877	215.288	214.698	215.288
112.5	254.596	253.926	253.254	252.584	251.914	251.244	250.573	249.903	249.233	249.903
115.0	290.385	289.668	288.952	288.235	287.519	286.802	286.085	285.369	284.652	285.369
117.5	326.497	325.694	324.891	324.087	323.284	322.481	321.677	320.874	320.071	320.874
120.0	362.367	361.547	360.726	359.906	359.085	358.264	357.444	356.623	355.802	356.623
122.5	397.451	396.607	395.764	394.920	394.077	393.232	392.389	391.545	390.701	391.545
125.0	434.580	433.575	432.569	431.564	430.559	429.553	428.547	427.542	426.536	427.542
127.5	471.790	470.756	469.722	468.688	467.653	466.619	465.585	464.550	463.516	464.550
130.0	508.729	507.707	506.683	505.660	504.638	503.615	502.592	501.569	500.546	501.569
132.5	545.530	544.431	543.334	542.236	541.138	540.040	538.942	537.844	536.746	537.844
135.0	581.417	580.319	579.221	578.122	577.025	575.926	574.829	573.730	572.633	573.730
137.5	618.171	616.899	615.628	614.357	613.085	611.814	610.543	609.270	607.999	609.270
140.0	657.641	656.311	654.982	653.653	652.323	650.995	649.666	648.336	647.007	648.336
142.5	698.324	697.110	695.897	694.684	693.469	692.256	691.043	689.829	688.616	689.829
145.0	738.546	737.505	736.466	735.425	734.385	733.344	732.305	731.264	730.224	731.264
147.5	778.016	776.918	775.820	774.721	773.624	772.525	771.428	770.329	769.232	770.329
150.0	815.290	814.018	812.747	811.476	810.204	808.933	807.662	806.390	805.119	806.390
152.5	850.657	849.385	848.114	846.843	845.571	844.300	843.029	841.757	840.486	841.757
155.0	886.140	884.983	883.828	882.671	881.516	880.360	879.204	878.048	876.892	878.048
157.5	921.160	920.177	919.195	918.212	917.230	916.247	915.265	914.282	913.300	914.282
160.0	957.047	956.064	955.082	954.099	953.117	952.134	951.152	950.169	949.187	950.169
162.5	991.431	990.506	989.582	988.657	987.732	986.807	985.883	984.958	984.034	984.958
165.0	1023.387	1022.695	1022.001	1021.308	1020.614	1019.921	1019.227	1018.535	1017.841	1018.535

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CANDELA TABULATION - (Cont.)

167.5	1055.171	1054.536	1053.900	1053.265	1052.629	1051.994	1051.358	1050.723	1050.087	1050.723
170.0	1084.992	1084.529	1084.068	1083.605	1083.142	1082.680	1082.218	1081.756	1081.293	1081.756
172.5	1113.309	1113.077	1112.846	1112.616	1112.384	1112.153	1111.922	1111.691	1111.459	1111.691
175.0	1140.469	1140.353	1140.238	1140.123	1140.007	1139.892	1139.776	1139.661	1139.545	1139.661
177.5	1165.145	1165.261	1165.376	1165.492	1165.608	1165.722	1165.838	1165.954	1166.069	1165.954
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	275.0	**277.5**	**280.0**	**282.5**	**285.0**	**287.5**	**290.0**	**292.5**	**295.0**	**297.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.272	0.278	0.283	0.289	0.294	0.300	0.306	0.312	0.312	0.312
92.5	6.987	7.074	7.161	7.246	7.333	7.420	7.506	7.593	7.836	8.078
95.0	30.229	30.391	30.553	30.714	30.876	31.039	31.200	31.362	31.702	32.043
97.5	56.981	57.177	57.373	57.570	57.766	57.963	58.160	58.356	58.812	59.269
100.0	85.817	86.077	86.337	86.596	86.857	87.117	87.377	87.637	88.221	88.805
102.5	116.417	116.763	117.109	117.456	117.803	118.149	118.496	118.843	119.606	120.369
105.0	148.166	148.628	149.091	149.552	150.015	150.477	150.939	151.402	152.384	153.366
107.5	181.683	182.209	182.734	183.261	183.787	184.312	184.839	185.364	186.630	187.896
110.0	215.877	216.467	217.056	217.645	218.234	218.824	219.414	220.003	221.570	223.136
112.5	250.573	251.244	251.914	252.584	253.254	253.926	254.596	255.266	257.144	259.022

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CANDELA TABULATION - (Cont.)

115.0	286.085	286.802	287.519	288.235	288.952	289.668	290.385	291.101	293.193	295.285
117.5	321.677	322.481	323.284	324.087	324.891	325.694	326.497	327.301	329.682	332.063
120.0	357.444	358.264	359.085	359.906	360.726	361.547	362.367	363.188	365.898	368.609
122.5	392.389	393.232	394.077	394.920	395.764	396.607	397.451	398.295	401.190	404.085
125.0	428.547	429.553	430.559	431.564	432.569	433.575	434.580	435.586	438.637	441.688
127.5	465.585	466.619	467.653	468.688	469.722	470.756	471.790	472.825	476.003	479.182
130.0	502.592	503.615	504.638	505.660	506.683	507.707	508.729	509.752	513.041	516.328
132.5	538.942	540.040	541.138	542.236	543.334	544.431	545.530	546.627	550.037	553.446
135.0	574.829	575.926	577.025	578.122	579.221	580.319	581.417	582.515	586.155	589.796
137.5	610.543	611.814	613.085	614.357	615.628	616.899	618.171	619.442	623.314	627.186
140.0	649.666	650.995	652.323	653.653	654.982	656.311	657.641	658.970	662.842	666.714
142.5	691.043	692.256	693.469	694.684	695.897	697.110	698.324	699.538	703.352	707.166
145.0	732.305	733.344	734.385	735.425	736.466	737.505	738.546	739.586	743.284	746.983
147.5	771.428	772.525	773.624	774.721	775.820	776.918	778.016	779.114	782.697	786.280
150.0	807.662	808.933	810.204	811.476	812.747	814.018	815.290	816.561	820.202	823.843
152.5	843.029	844.300	845.571	846.843	848.114	849.385	850.657	851.928	855.627	859.325
155.0	879.204	880.360	881.516	882.671	883.828	884.983	886.140	887.295	890.820	894.345
157.5	915.265	916.247	917.230	918.212	919.195	920.177	921.160	922.142	925.493	928.845
160.0	951.152	952.134	953.117	954.099	955.082	956.064	957.047	958.029	960.976	963.924
162.5	985.883	986.807	987.732	988.657	989.582	990.506	991.431	992.355	995.014	997.671
165.0	1019.227	1019.921	1020.614	1021.308	1022.001	1022.695	1023.387	1024.081	1026.567	1029.051
167.5	1051.358	1051.994	1052.629	1053.265	1053.900	1054.536	1055.171	1055.808	1057.888	1059.969
170.0	1082.218	1082.680	1083.142	1083.605	1084.068	1084.529	1084.992	1085.454	1087.072	1088.690
172.5	1111.922	1112.153	1112.384	1112.616	1112.846	1113.077	1113.309	1113.540	1114.695	1115.852
175.0	1139.776	1139.892	1140.007	1140.123	1140.238	1140.353	1140.469	1140.585	1141.221	1141.856
177.5	1165.838	1165.722	1165.608	1165.492	1165.376	1165.261	1165.145	1165.030	1165.319	1165.608
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	300.0	**302.5**	**305.0**	**307.5**	**310.0**	**312.5**	**315.0**	**317.5**	**320.0**	**322.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.318	0.323	0.329
92.5	8.321	8.564	8.807	9.050	9.293	9.535	9.778	10.159	10.541	10.922
95.0	32.385	32.726	33.066	33.407	33.749	34.090	34.430	34.853	35.274	35.696
97.5	59.725	60.181	60.639	61.095	61.552	62.008	62.464	63.048	63.632	64.216
100.0	89.388	89.972	90.556	91.140	91.723	92.307	92.891	93.803	94.716	95.630
102.5	121.131	121.894	122.657	123.420	124.182	124.945	125.708	127.032	128.356	129.678
105.0	154.349	155.331	156.314	157.296	158.279	159.261	160.244	162.035	163.827	165.618
107.5	189.161	190.427	191.693	192.958	194.223	195.489	196.755	199.055	201.355	203.655
110.0	224.701	226.267	227.834	229.400	230.965	232.532	234.098	236.971	239.842	242.714
112.5	260.900	262.778	264.657	266.535	268.413	270.291	272.169	275.573	278.977	282.381
115.0	297.377	299.470	301.562	303.654	305.746	307.838	309.929	313.859	317.789	321.719
117.5	334.444	336.825	339.206	341.586	343.967	346.347	348.728	353.023	357.316	361.610
120.0	371.319	374.029	376.740	379.449	382.159	384.870	387.580	392.191	396.804	401.415
122.5	406.980	409.875	412.771	415.666	418.561	421.456	424.351	429.576	434.799	440.024
125.0	444.739	447.792	450.843	453.894	456.945	459.996	463.047	468.561	474.073	479.586
127.5	482.360	485.538	488.718	491.896	495.074	498.253	501.431	507.262	513.093	518.924
130.0	519.617	522.905	526.193	529.481	532.770	536.058	539.346	545.472	551.598	557.723
132.5	556.857	560.266	563.675	567.085	570.495	573.905	577.314	583.613	589.912	596.211
135.0	593.437	597.077	600.718	604.359	607.999	611.640	615.281	621.869	628.457	635.045
137.5	631.058	634.930	638.802	642.674	646.545	650.417	654.289	661.108	667.928	674.747
140.0	670.586	674.458	678.329	682.200	686.072	689.944	693.816	700.751	707.686	714.621
142.5	710.980	714.794	718.608	722.422	726.236	730.051	733.865	740.799	747.733	754.669
145.0	750.681	754.380	758.078	761.777	765.475	769.174	772.872	779.864	786.857	793.850
147.5	789.862	793.445	797.028	800.611	804.194	807.777	811.359	818.294	825.229	832.164
150.0	827.483	831.124	834.765	838.405	842.046	845.687	849.327	856.088	862.850	869.611
152.5	863.024	866.722	870.421	874.119	877.818	881.516	885.215	891.802	898.391	904.978
155.0	897.870	901.395	904.921	908.446	911.971	915.496	919.021	925.436	931.850	938.265
157.5	932.197	935.549	938.900	942.252	945.605	948.956	952.308	958.491	964.674	970.858
160.0	966.870	969.818	972.765	975.713	978.660	981.608	984.554	990.391	996.228	1002.065
162.5	1000.330	1002.989	1005.647	1008.305	1010.964	1013.622	1016.281	1021.655	1027.029	1032.403
165.0	1031.536	1034.021	1036.506	1038.991	1041.476	1043.960	1046.446	1051.300	1056.154	1061.008
167.5	1062.049	1064.130	1066.209	1068.290	1070.370	1072.451	1074.531	1078.808	1083.085	1087.360
170.0	1090.308	1091.926	1093.545	1095.163	1096.781	1098.399	1100.017	1103.773	1107.530	1111.286
172.5	1117.007	1118.162	1119.319	1120.474	1121.630	1122.786	1123.941	1127.120	1130.299	1133.477
175.0	1142.492	1143.128	1143.763	1144.399	1145.035	1145.670	1146.306	1148.849	1151.391	1153.934
177.5	1165.897	1166.186	1166.475	1166.763	1167.052	1167.341	1167.630	1169.422	1171.213	1173.005
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**									
	325.0	**327.5**	**330.0**	**332.5**	**335.0**	**337.5**	**340.0**	**342.5**	**345.0**	**347.5**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.336	0.341	0.347	0.353	0.358	0.364	0.590	0.815	1.041	1.266
92.5	11.304	11.685	12.067	12.448	12.830	13.211	14.350	15.488	16.627	17.765
95.0	36.119	36.540	36.962	37.384	37.806	38.228	39.701	41.175	42.648	44.122
97.5	64.799	65.383	65.967	66.550	67.134	67.718	69.607	71.497	73.386	75.276
100.0	96.543	97.455	98.368	99.282	100.195	101.107	103.529	105.950	108.371	110.792
102.5	131.002	132.326	133.649	134.972	136.296	137.619	140.699	143.779	146.859	149.939
105.0	167.410	169.201	170.993	172.784	174.575	176.367	180.100	183.833	187.567	191.299
107.5	205.955	208.255	210.555	212.855	215.154	217.455	221.725	225.996	230.266	234.537
110.0	245.587	248.458	251.331	254.203	257.075	259.947	264.692	269.436	274.181	278.925
112.5	285.785	289.188	292.592	295.997	299.400	302.804	308.074	313.345	318.615	323.885
115.0	325.649	329.578	333.507	337.437	341.367	345.296	350.995	356.692	362.391	368.088
117.5	365.903	370.198	374.491	378.785	383.078	387.373	393.452	399.532	405.611	411.691
120.0	406.026	410.638	415.250	419.861	424.473	429.084	435.615	442.145	448.675	455.205
122.5	445.248	450.472	455.697	460.921	466.145	471.369	478.228	485.088	491.947	498.807
125.0	485.100	490.612	496.126	501.639	507.152	512.665	519.964	527.263	534.561	541.860
127.5	524.755	530.585	536.416	542.248	548.078	553.909	561.653	569.397	577.141	584.884
130.0	563.849	569.975	576.101	582.226	588.352	594.478	602.511	610.543	618.576	626.609
132.5	602.510	608.809	615.107	621.407	627.705	634.004	642.269	650.532	658.796	667.061
135.0	641.633	648.221	654.809	661.397	667.985	674.573	682.952	691.332	699.711	708.091
137.5	681.565	688.385	695.204	702.023	708.843	715.661	724.098	732.536	740.973	749.410
140.0	721.555	728.490	735.425	742.359	749.295	756.229	764.724	773.219	781.714	790.209
142.5	761.603	768.538	775.472	782.408	789.342	796.276	804.714	813.151	821.589	830.025
145.0	800.842	807.834	814.827	821.820	828.812	835.804	844.011	852.216	860.423	868.629
147.5	839.098	846.034	852.968	859.902	866.838	873.772	881.747	889.723	897.697	905.672

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CANDELA TABULATION - (Cont.)

150.0	876.372	883.134	889.895	896.656	903.418	910.179	917.981	925.782	933.584	941.386
152.5	911.567	918.154	924.743	931.330	937.919	944.506	952.192	959.878	967.564	975.250
155.0	944.679	951.094	957.509	963.924	970.338	976.753	984.207	991.662	999.117	1006.572
157.5	977.042	983.224	989.408	995.592	1001.775	1007.958	1015.009	1022.059	1029.110	1036.160
160.0	1007.902	1013.737	1019.574	1025.411	1031.248	1037.085	1043.614	1050.145	1056.675	1063.206
162.5	1037.778	1043.153	1048.527	1053.901	1059.276	1064.650	1070.545	1076.439	1082.333	1088.228
165.0	1065.863	1070.717	1075.572	1080.426	1085.281	1090.135	1095.335	1100.536	1105.738	1110.939
167.5	1091.637	1095.914	1100.190	1104.466	1108.743	1113.019	1117.527	1122.034	1126.542	1131.049
170.0	1115.042	1118.798	1122.555	1126.311	1130.067	1133.824	1137.580	1141.336	1145.093	1148.849
172.5	1136.655	1139.834	1143.012	1146.190	1149.369	1152.547	1155.436	1158.326	1161.215	1164.105
175.0	1156.477	1159.019	1161.562	1164.105	1166.648	1169.191	1171.098	1173.005	1174.912	1176.819
177.5	1174.796	1176.588	1178.379	1180.170	1181.962	1183.753	1184.563	1185.371	1186.181	1186.989
180.0	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463	1189.463

Vert. Angles	**Horizontal Angles**				
	350.0	**352.5**	**355.0**	**357.5**	**360.0**
0.0	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000
90.0	1.491	1.716	1.942	2.167	2.392
92.5	18.903	20.041	21.180	22.318	23.457
95.0	45.596	47.069	48.543	50.016	51.490

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CANDELA TABULATION - (Cont.)

97.5	77.166	79.056	80.945	82.835	84.724
100.0	113.215	115.636	118.057	120.479	122.900
102.5	153.021	156.101	159.181	162.261	165.341
105.0	195.033	198.765	202.499	206.231	209.965
107.5	238.808	243.079	247.349	251.620	255.890
110.0	283.669	288.414	293.158	297.903	302.647
112.5	329.156	334.426	339.696	344.967	350.237
115.0	373.787	379.484	385.183	390.881	396.579
117.5	417.770	423.848	429.928	436.007	442.087
120.0	461.736	468.265	474.796	481.327	487.856
122.5	505.666	512.526	519.385	526.246	533.105
125.0	549.159	556.457	563.756	571.055	578.354
127.5	592.628	600.371	608.115	615.859	623.603
130.0	634.641	642.674	650.707	658.739	666.772
132.5	675.324	683.588	691.852	700.116	708.380
135.0	716.470	724.850	733.229	741.609	749.987
137.5	757.847	766.285	774.721	783.159	791.596
140.0	798.704	807.199	815.694	824.190	832.684
142.5	838.463	846.900	855.338	863.774	872.212
145.0	876.835	885.041	893.248	901.453	909.659
147.5	913.647	921.622	929.597	937.572	945.547
150.0	949.187	956.988	964.790	972.592	980.393
152.5	982.935	990.621	998.308	1005.994	1013.680
155.0	1014.027	1021.481	1028.936	1036.391	1043.846
157.5	1043.210	1050.260	1057.311	1064.361	1071.411
160.0	1069.735	1076.266	1082.796	1089.326	1095.856
162.5	1094.122	1100.017	1105.911	1111.805	1117.700
165.0	1116.140	1121.341	1126.542	1131.743	1136.944
167.5	1135.557	1140.064	1144.572	1149.079	1153.587
170.0	1152.605	1156.362	1160.118	1163.874	1167.630
172.5	1166.994	1169.884	1172.773	1175.663	1178.552
175.0	1178.726	1180.633	1182.540	1184.447	1186.354
177.5	1187.799	1188.607	1189.417	1190.225	1191.035
180.0	1189.463	1189.463	1189.463	1189.463	1189.463

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IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.87	N.A.	0.00
10-90	0.87	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.87	N.A.	0.00
90-110	303.96	N.A.	9.20
90-120	703.58	N.A.	21.30
90-130	1227.18	N.A.	37.20
90-150	2385.31	N.A.	72.20
90-180	3301.58	N.A.	100.00
110-180	2997.62	N.A.	90.80
0-180	3302.45	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.87
90-100	69.66
100-110	234.30
110-120	399.62
120-130	523.59
130-140	584.47
140-150	573.67
150-160	482.85
160-170	320.98
170-180	112.44

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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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

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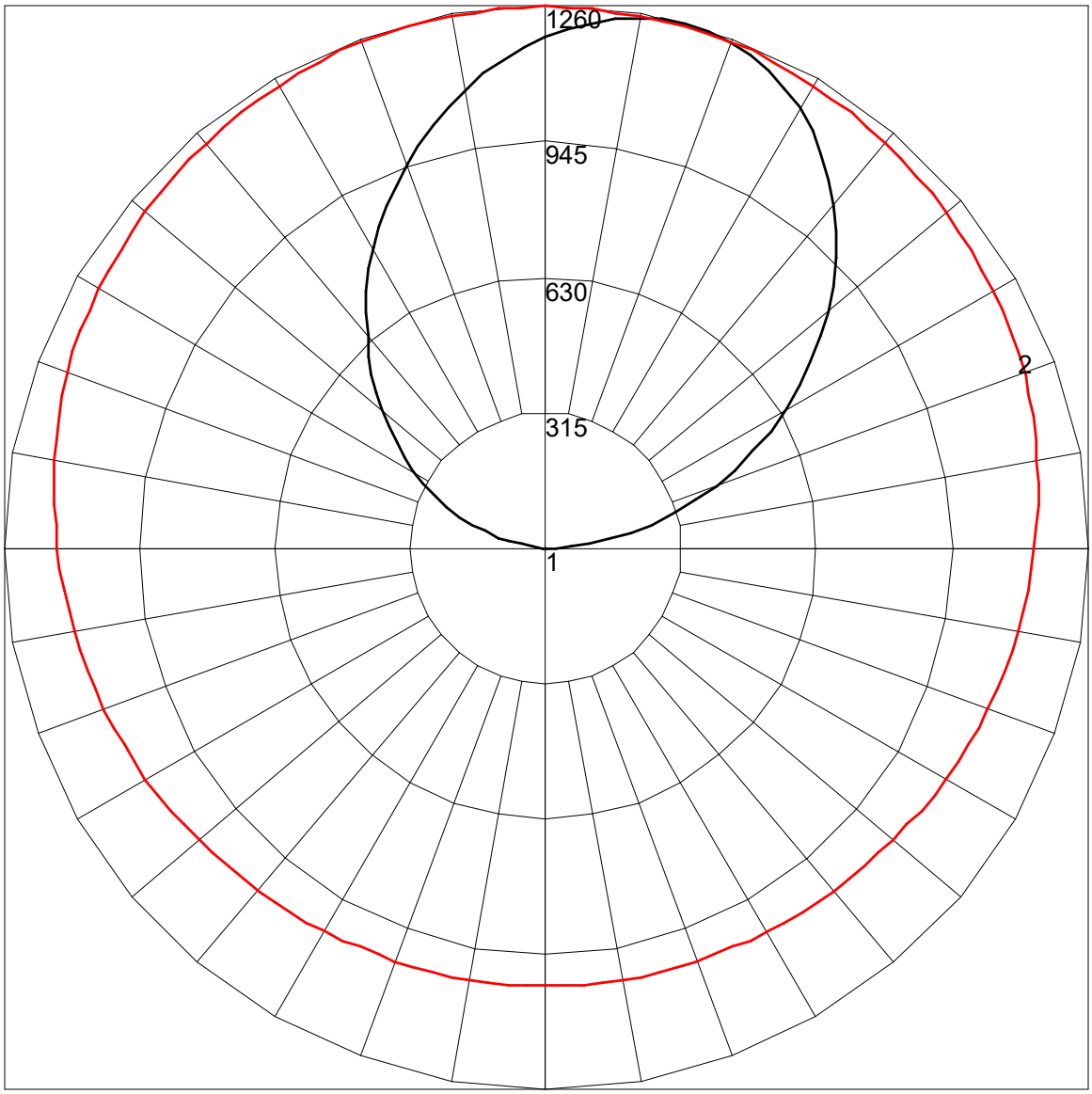
PHOTOMETRIC FILENAME : MX4WU-4-00-L8-835-FASY-DIM-UNV_.IES

POLAR GRAPH



Maximum Candela = 1260.208 Located At Horizontal Angle = 90, Vertical Angle = 165
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (165) (Through Max. Cd.)

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