



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WLRD-C-L22-840-BZ.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [TEST] s17040016b-01 (scaled to 4K)
 [TESTLAB] LEADING TESTING LABORATORIES
 [TESTDATE] 2017-04-13
 [ISSUEDATE] 2017-04-13 12:15:49
 [LAMPPOSITION] 0,0
 [MANUFAC]
 [LUMCAT] WLRD-C-L22-840-BZ

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1858
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.38
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

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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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0.0	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213
0.5	815.520	815.789	815.520	814.723	813.408	811.613	809.366	806.746	803.798	800.630
1.0	831.504	832.003	831.571	830.179	827.789	824.477	820.378	815.606	810.144	804.086
1.5	841.459	841.795	841.613	840.634	838.598	834.864	829.805	823.622	816.432	808.003
2.0	847.123	847.094	846.902	846.086	844.579	841.882	836.890	829.834	821.309	810.835
2.5	850.080	849.955	849.341	848.582	847.584	845.856	842.102	835.210	826.061	814.118
3.0	851.501	851.242	850.502	849.418	848.909	848.102	845.501	839.309	830.016	817.018
3.5	852.355	851.654	850.963	850.013	849.341	849.110	847.402	842.410	833.549	819.888
4.0	852.922	852.106	851.155	850.598	849.542	849.187	848.294	844.368	836.093	822.067
4.5	853.171	852.346	851.434	851.050	849.571	848.669	848.227	845.098	838.013	824.352
5.0	852.806	852.077	851.549	851.222	849.389	847.776	847.382	844.742	839.030	825.907
5.5	851.875	851.318	851.290	850.906	848.947	846.893	846.490	844.291	839.894	827.366
6.0	850.915	850.435	850.733	850.147	848.669	846.682	845.962	843.696	840.451	828.720
6.5	850.166	849.581	850.013	849.648	848.698	846.595	845.328	842.986	840.672	829.526
7.0	849.859	848.966	849.312	849.389	848.419	846.346	844.848	842.554	841.018	830.285
7.5	850.128	848.842	848.995	848.976	847.805	845.827	844.147	841.920	840.864	830.467
8.0	850.790	848.803	849.024	848.534	846.922	844.733	842.813	840.758	839.962	829.949
8.5	851.030	849.302	848.880	848.237	845.923	843.398	841.651	839.501	838.963	829.334
9.0	850.416	849.302	848.890	847.949	844.886	842.333	840.499	838.157	837.773	828.730
9.5	849.878	849.043	848.640	847.584	844.032	841.498	839.386	836.842	836.784	828.288
10.0	849.312	848.611	847.968	846.941	843.360	840.595	838.426	835.872	835.968	827.808
10.5	848.467	847.882	847.363	845.760	842.688	839.933	837.878	835.162	835.267	827.242
11.0	847.526	847.123	846.326	845.002	841.987	839.213	837.091	834.566	834.259	826.042
11.5	846.662	846.643	845.107	844.128	840.998	837.821	836.506	833.683	833.222	824.813
12.0	846.230	845.942	844.426	843.187	839.597	836.285	834.691	832.013	831.523	823.661
12.5	846.163	845.443	844.339	842.189	838.224	834.576	832.522	829.766	829.334	822.326
13.0	846.048	844.570	844.147	841.344	836.765	831.859	830.294	827.299	826.646	820.608
13.5	846.288	844.301	843.696	840.394	834.912	829.910	828.518	824.438	823.613	818.659
14.0	845.386	844.282	843.379	839.722	833.846	828.586	826.051	821.501	820.848	816.192
14.5	843.965	844.205	843.350	838.915	833.491	826.915	823.363	818.928	818.285	814.099
15.0	842.554	844.109	843.062	838.022	832.301	824.938	821.069	816.259	816.202	812.227
15.5	841.344	844.003	841.949	836.218	831.725	823.325	818.170	813.110	814.224	810.490
16.0	841.526	843.533	840.422	834.134	829.997	822.202	814.848	810.451	812.899	809.165
16.5	842.006	842.707	838.464	832.291	827.491	821.165	812.554	808.819	811.987	807.869
17.0	842.016	841.507	836.630	830.851	824.986	819.782	811.027	807.898	811.392	806.400
17.5	841.248	840.173	835.315	830.093	822.374	818.822	810.317	807.197	809.770	805.459
18.0	839.520	838.790	834.278	829.603	820.320	818.237	810.000	806.429	808.694	804.259
18.5	837.648	837.245	833.251	828.096	819.379	817.075	809.251	806.362	807.715	801.917
19.0	835.930	835.891	832.416	825.850	819.197	815.760	809.098	807.072	805.037	795.437
19.5	834.403	834.586	830.275	823.949	819.389	813.994	809.798	806.909	800.966	786.835
20.0	833.155	833.261	827.270	822.221	818.419	812.381	809.309	802.723	792.010	775.891
20.5	831.706	831.648	824.918	820.157	816.442	810.854	804.739	793.277	781.430	767.894
21.0	830.275	829.747	823.162	817.814	813.024	806.486	795.504	781.152	770.688	761.933
21.5	829.354	828.038	821.683	815.194	808.790	799.315	783.715	769.296	759.840	755.664
22.0	828.672	826.531	820.301	811.594	803.299	789.264	772.397	758.467	750.211	747.792
22.5	827.798	825.398	817.997	806.928	796.618	778.771	761.654	748.378	741.542	742.694
23.0	826.954	824.438	814.598	801.475	789.254	769.066	752.141	739.306	735.398	741.072
23.5	826.397	823.123	810.144	795.226	781.747	760.435	743.866	732.432	732.682	739.670
24.0	826.368	819.734	805.008	789.514	774.038	752.294	737.338	728.285	731.894	737.501
24.5	825.821	815.462	798.490	784.061	765.418	745.718	733.258	726.278	731.069	733.814
25.0	823.411	809.395	790.742	778.051	757.325	742.166	731.981	725.395	729.101	728.890
25.5	818.381	801.360	782.765	771.619	752.486	741.792	731.386	723.101	724.954	723.082
26.0	809.299	791.366	774.922	766.550	751.258	741.562	729.091	718.186	719.232	716.640
26.5	797.750	780.950	768.221	764.611	751.114	739.728	724.598	713.453	713.741	710.986

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CANDELA TABULATION - (Cont.)

27.0	785.232	770.285	764.698	763.718	749.251	736.531	720.432	709.843	707.357	704.582
27.5	773.750	761.376	764.150	762.010	746.285	733.162	715.334	705.350	699.629	698.563
28.0	765.024	757.680	764.506	758.045	743.683	728.554	710.371	700.090	692.141	691.622
28.5	758.640	755.952	763.450	752.458	741.331	723.734	704.842	694.368	685.978	683.760
29.0	756.595	757.392	759.139	746.429	738.307	717.542	699.043	688.243	681.322	676.378
29.5	755.549	758.342	752.179	741.648	733.930	710.813	691.987	682.320	676.531	669.082
30.0	755.789	756.710	745.613	737.501	727.853	702.950	684.278	676.915	670.867	661.978
30.5	753.811	752.102	739.622	734.438	719.482	695.386	677.558	671.242	663.926	654.086
31.0	750.336	746.938	733.584	730.349	710.304	687.638	672.173	665.261	656.592	647.645
31.5	745.334	739.843	729.677	722.112	700.762	680.995	668.563	659.424	649.747	642.538
32.0	738.259	731.952	726.672	710.563	690.720	675.120	665.645	652.579	644.506	637.181
32.5	730.483	725.616	721.152	700.042	680.765	668.832	661.555	645.091	639.552	631.613
33.0	723.859	719.971	713.482	688.896	671.491	664.253	656.400	639.370	633.773	626.611
33.5	717.475	715.056	705.034	680.448	664.589	661.008	649.843	634.483	626.592	621.226
34.0	711.869	710.045	696.480	674.630	661.469	656.918	641.875	629.731	620.400	616.704
34.5	706.906	704.237	688.454	669.158	660.461	650.880	635.539	625.949	615.667	611.491
35.0	702.864	697.210	680.650	665.654	658.646	645.043	630.922	622.781	611.107	604.627
35.5	699.370	689.568	672.902	662.544	655.603	637.891	625.834	618.710	606.269	598.378
36.0	696.000	682.426	666.595	659.875	650.630	629.894	620.726	613.661	599.136	593.184
36.5	692.102	675.581	662.534	657.600	644.150	623.155	616.186	607.949	592.675	586.560
37.0	687.014	669.658	658.694	655.238	638.026	618.067	612.019	602.832	587.520	578.150
37.5	679.968	663.139	655.219	652.234	631.690	615.811	608.285	598.925	582.413	569.194
38.0	670.301	655.325	652.358	647.578	625.670	615.005	604.666	593.059	575.165	561.178
38.5	659.328	648.470	649.382	638.352	620.986	613.181	599.942	584.640	567.350	554.323
39.0	648.557	643.248	644.323	627.062	615.946	608.909	593.568	576.739	562.099	557.866
39.5	639.562	638.640	635.002	616.022	609.744	602.851	586.819	570.586	560.227	567.955
40.0	632.976	633.850	622.704	605.741	603.475	596.842	580.320	568.531	568.147	579.475
40.5	627.389	627.370	611.021	598.426	595.939	589.699	576.125	572.774	578.352	582.038
41.0	622.090	619.747	601.853	593.645	585.744	582.979	575.770	580.262	576.816	569.885
41.5	618.355	612.931	595.680	587.222	577.296	580.128	578.179	581.827	567.072	544.838
42.0	617.568	607.181	592.493	580.627	573.811	581.472	580.176	569.818	555.850	519.034
42.5	616.714	601.411	592.598	576.422	574.570	584.064	572.938	548.170	540.422	503.232
43.0	613.920	596.794	591.427	572.621	575.942	579.974	555.254	528.950	513.379	491.213
43.5	608.880	595.229	586.637	571.325	574.061	566.131	537.485	516.941	487.104	482.266
44.0	602.534	594.067	579.994	572.112	568.042	549.091	524.208	506.822	474.278	474.442
44.5	595.891	589.334	576.893	567.552	558.336	528.787	512.957	497.050	469.603	465.389
45.0	590.794	581.472	573.878	558.451	543.965	506.362	503.222	489.149	466.867	454.742
45.5	586.867	576.595	565.891	551.078	525.341	490.646	491.328	479.357	463.498	449.270
46.0	580.685	573.370	561.283	539.261	510.240	486.730	478.656	469.248	459.456	446.899
46.5	574.080	564.797	556.982	531.245	499.066	485.462	469.200	464.707	456.346	452.794
47.0	568.042	552.538	543.197	521.510	488.621	477.946	466.550	462.106	450.259	463.718
47.5	553.699	542.966	528.912	517.162	471.514	469.949	471.946	458.179	447.475	455.117
48.0	535.757	539.482	521.597	506.746	459.120	466.378	473.626	454.330	444.826	446.333
48.5	526.032	537.629	515.069	481.814	462.538	461.194	462.749	450.634	438.192	437.290
49.0	529.805	520.387	510.250	473.894	472.291	453.629	450.202	441.802	428.765	421.258
49.5	533.424	496.810	498.221	473.702	474.288	454.397	443.347	427.824	419.165	402.586
50.0	516.883	486.278	489.398	467.424	466.445	463.056	434.909	414.278	410.496	394.704
50.5	494.515	480.355	471.562	457.267	456.490	457.987	425.875	401.491	399.648	393.130
51.0	477.955	471.206	453.446	443.318	449.779	438.643	420.202	391.027	390.173	392.141
51.5	468.336	461.587	443.866	431.789	439.978	428.112	409.046	387.264	390.691	378.269
52.0	464.784	457.805	437.712	428.918	421.901	424.262	401.117	388.070	385.613	370.733
52.5	462.634	457.114	430.464	426.874	410.112	416.333	392.909	390.950	375.341	373.651
53.0	461.405	455.098	425.885	420.221	398.880	410.669	385.488	386.026	372.182	370.358
53.5	457.488	451.296	424.896	406.435	395.760	393.629	376.262	376.406	361.402	353.242
54.0	453.379	442.157	421.296	398.362	401.242	368.246	368.112	372.422	344.659	334.675
54.5	448.550	428.746	417.715	393.264	403.949	358.579	363.821	360.605	328.262	317.098

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CANDELA TABULATION - (Cont.)

55.0	439.430	420.278	420.192	392.544	409.555	358.560	355.757	341.866	315.610	298.618
55.5	428.525	417.965	408.403	406.483	387.562	343.594	338.371	327.168	307.411	286.349
56.0	419.126	407.827	402.413	406.646	352.752	318.086	321.552	310.301	301.392	280.752
56.5	407.914	399.245	391.603	376.992	334.176	314.592	299.107	295.757	287.760	273.187
57.0	397.699	395.904	381.878	358.810	320.074	325.171	285.475	287.424	286.301	277.382
57.5	395.693	388.685	365.760	346.512	311.414	321.466	282.662	281.510	293.309	276.259
58.0	386.851	383.232	353.520	325.786	303.168	305.117	283.296	284.294	286.771	266.026
58.5	379.440	374.659	335.136	311.971	289.248	286.368	284.621	278.342	279.878	255.542
59.0	373.824	345.946	313.411	295.248	278.448	273.514	283.910	262.205	256.742	243.542
59.5	364.858	320.861	303.216	278.227	278.842	269.482	273.926	253.056	245.146	231.677
60.0	349.862	310.522	302.390	270.106	281.309	268.368	260.678	242.525	238.003	236.563
60.5	325.517	304.358	298.800	269.386	275.174	259.171	247.037	239.386	231.274	225.427
61.0	307.152	293.347	289.766	267.917	261.802	243.859	243.139	232.550	223.622	200.957
61.5	295.085	277.450	268.147	268.685	248.726	232.762	231.782	213.629	209.165	186.586
62.0	284.630	277.094	258.154	258.701	241.824	223.642	208.426	203.770	194.995	178.166
62.5	281.318	283.200	261.312	248.323	229.229	215.021	189.187	196.906	186.739	165.542
63.0	279.158	286.714	249.197	234.269	223.037	206.294	179.702	186.595	175.776	170.467
63.5	272.371	280.387	243.984	227.568	209.213	195.936	179.645	180.403	163.930	172.243
64.0	270.221	265.901	230.918	219.082	197.328	188.016	181.757	183.024	161.818	158.390
64.5	268.205	242.525	225.773	205.440	188.669	186.806	180.326	170.189	151.526	155.165
65.0	255.696	224.477	225.677	193.546	177.034	180.317	172.896	155.184	139.814	135.658
65.5	236.928	216.230	213.744	191.510	167.789	170.400	163.824	142.742	138.586	127.286
66.0	226.349	202.944	195.437	184.051	168.442	160.512	156.288	133.968	131.885	123.283
66.5	217.958	194.563	187.795	171.898	169.219	148.858	147.600	132.787	130.896	120.902
67.0	204.835	194.198	176.438	160.435	160.224	138.374	136.675	129.005	120.374	116.842
67.5	200.006	195.226	171.053	158.726	151.478	131.616	122.477	126.557	112.954	105.926
68.0	190.819	178.752	164.352	145.747	143.011	133.622	117.178	117.235	108.384	101.885
68.5	181.891	164.515	152.918	139.709	122.477	132.941	115.344	110.208	105.014	95.309
69.0	168.413	157.498	142.397	140.208	115.402	116.765	113.328	103.315	92.179	86.746
69.5	160.080	150.931	131.261	130.454	113.818	102.902	103.661	98.496	93.264	83.990
70.0	154.829	140.218	124.522	115.258	112.272	98.736	97.008	96.173	88.848	78.710
70.5	146.621	128.976	122.966	104.707	109.171	95.261	93.898	87.734	80.390	79.104
71.0	133.142	131.530	121.997	101.530	100.051	94.118	85.901	76.080	74.054	69.389
71.5	125.434	111.101	107.520	98.381	90.970	90.989	81.830	72.816	69.120	67.229
72.0	122.122	105.984	93.734	94.944	84.989	82.349	73.507	68.784	63.562	60.739
72.5	114.566	105.917	88.666	87.370	78.288	72.576	65.347	63.005	57.773	53.990
73.0	111.293	99.811	83.798	81.418	77.232	67.757	61.738	57.994	51.984	47.242
73.5	101.414	86.141	80.890	73.920	71.424	64.397	57.629	52.944	46.205	40.502
74.0	89.261	80.371	79.430	67.200	65.914	60.010	53.510	47.885	40.426	33.754
74.5	84.058	75.456	75.034	65.318	62.371	55.680	49.344	42.768	35.165	26.774
75.0	77.126	74.458	67.872	63.005	58.752	51.341	45.869	38.304	30.134	23.520
75.5	74.726	71.808	64.493	59.635	55.133	46.886	42.067	34.301	26.976	17.453
76.0	73.699	68.390	61.546	56.352	51.533	43.949	37.814	30.336	24.202	16.090
76.5	71.952	64.992	58.483	53.078	47.846	41.626	34.186	28.061	21.360	14.246
77.0	64.387	61.632	55.421	49.786	43.968	37.958	31.200	25.190	18.874	11.798
77.5	61.632	58.282	52.358	46.790	41.078	34.675	28.608	22.694	16.877	10.474
78.0	58.781	54.922	49.200	43.882	38.112	32.016	26.016	20.496	14.966	9.312
78.5	55.997	51.571	46.234	40.819	35.290	29.405	23.712	18.538	13.450	8.400
79.0	53.107	48.278	43.296	37.882	32.515	26.880	21.696	16.819	12.106	7.526
79.5	50.227	45.408	40.349	35.126	29.750	24.576	19.786	15.235	10.915	6.922
80.0	47.242	42.605	37.421	32.371	27.350	22.531	17.923	13.766	9.840	6.326
80.5	43.910	39.715	34.618	29.731	25.037	20.602	16.128	12.413	8.870	5.722
81.0	41.069	36.576	31.814	27.216	22.848	18.710	14.467	11.078	7.910	5.117
81.5	38.131	33.840	29.222	24.778	20.774	16.867	12.864	9.811	6.998	4.522
82.0	35.424	31.027	26.842	22.560	18.768	15.005	11.386	8.688	6.240	4.032
82.5	32.515	28.598	24.461	20.573	16.925	13.190	10.032	7.661	5.510	3.590

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83.0	29.933	26.170	22.253	18.605	15.005	11.491	8.707	6.691	4.781	3.197
83.5	27.523	23.875	20.179	16.694	13.286	9.888	7.498	5.875	4.042	2.861
84.0	25.066	21.677	18.173	14.890	11.712	8.448	6.499	5.059	3.466	2.573
84.5	22.800	19.603	16.243	13.133	10.128	7.258	5.597	4.234	3.014	2.304
85.0	20.659	17.664	14.467	11.472	8.621	6.259	4.685	3.485	2.630	2.083
85.5	18.653	15.792	12.778	9.936	7.210	5.414	3.744	2.938	2.333	1.910
86.0	16.790	13.920	11.174	8.477	6.250	4.560	3.014	2.486	2.064	1.747
86.5	14.890	12.230	9.696	7.142	5.299	3.686	2.554	2.160	1.853	1.584
87.0	13.152	10.656	8.285	6.106	4.339	2.957	2.218	1.920	1.670	1.450
87.5	11.587	9.283	6.998	5.232	3.418	2.467	1.968	1.738	1.526	1.344
88.0	10.109	7.987	6.000	4.349	2.851	2.093	1.766	1.584	1.392	1.248
88.5	8.650	6.701	5.098	3.437	2.362	1.882	1.632	1.469	1.296	1.162
89.0	7.382	5.760	4.186	2.717	2.054	1.747	1.526	1.382	1.219	1.094
89.5	6.365	4.867	3.254	2.275	1.862	1.642	1.440	1.296	1.142	1.018
90.0	5.347	3.955	2.602	2.006	1.757	1.555	1.354	1.219	1.066	0.950
90.5	4.339	3.043	2.218	1.862	1.651	1.469	1.267	1.133	0.998	0.883
91.0	3.331	2.458	1.987	1.747	1.555	1.382	1.181	1.046	0.922	0.826
91.5	2.736	2.131	1.814	1.632	1.469	1.286	1.104	0.970	0.854	0.758
92.0	2.381	1.939	1.680	1.526	1.373	1.200	1.018	0.902	0.787	0.710
92.5	2.141	1.786	1.565	1.421	1.277	1.114	0.931	0.826	0.720	0.653
93.0	1.958	1.661	1.459	1.315	1.190	1.037	0.864	0.758	0.662	0.605
93.5	1.805	1.555	1.363	1.219	1.094	0.950	0.797	0.701	0.614	0.557
94.0	1.661	1.450	1.267	1.133	1.008	0.874	0.730	0.643	0.566	0.518
94.5	1.536	1.354	1.181	1.056	0.922	0.797	0.672	0.586	0.518	0.480
95.0	1.430	1.258	1.094	0.979	0.845	0.730	0.605	0.538	0.470	0.442
95.5	1.325	1.171	1.018	0.902	0.768	0.653	0.538	0.480	0.422	0.403
96.0	1.229	1.085	0.941	0.826	0.691	0.566	0.490	0.422	0.384	0.365
96.5	1.133	1.008	0.864	0.739	0.614	0.509	0.432	0.384	0.346	0.336
97.0	1.046	0.922	0.787	0.662	0.547	0.461	0.394	0.346	0.307	0.298
97.5	0.970	0.845	0.701	0.595	0.499	0.413	0.346	0.298	0.269	0.259
98.0	0.883	0.768	0.634	0.528	0.451	0.374	0.307	0.259	0.230	0.230
98.5	0.806	0.691	0.566	0.480	0.403	0.326	0.269	0.221	0.202	0.192
99.0	0.730	0.624	0.509	0.432	0.355	0.278	0.221	0.182	0.163	0.163
99.5	0.653	0.547	0.461	0.384	0.307	0.240	0.182	0.163	0.144	0.154
100.0	0.586	0.490	0.413	0.336	0.269	0.192	0.163	0.144	0.134	0.134
100.5	0.528	0.442	0.365	0.288	0.221	0.163	0.144	0.125	0.125	0.125
101.0	0.480	0.394	0.317	0.250	0.182	0.144	0.125	0.115	0.115	0.115
101.5	0.432	0.346	0.269	0.211	0.163	0.125	0.106	0.106	0.106	0.106
102.0	0.394	0.298	0.230	0.182	0.134	0.115	0.096	0.086	0.096	0.096
102.5	0.336	0.259	0.192	0.154	0.125	0.096	0.086	0.077	0.086	0.086
103.0	0.298	0.211	0.163	0.134	0.106	0.086	0.067	0.067	0.077	0.086
103.5	0.250	0.182	0.144	0.115	0.086	0.067	0.058	0.067	0.067	0.077
104.0	0.211	0.154	0.125	0.096	0.077	0.058	0.058	0.067	0.077	0.077
104.5	0.182	0.134	0.106	0.077	0.058	0.048	0.058	0.067	0.077	0.086
105.0	0.154	0.115	0.086	0.067	0.048	0.048	0.058	0.067	0.077	0.086
105.5	0.134	0.096	0.077	0.058	0.048	0.048	0.058	0.067	0.077	0.086
106.0	0.115	0.086	0.058	0.038	0.048	0.048	0.058	0.067	0.086	0.086
106.5	0.106	0.067	0.048	0.038	0.048	0.058	0.067	0.077	0.086	0.096
107.0	0.086	0.058	0.038	0.038	0.048	0.058	0.067	0.077	0.086	0.096
107.5	0.067	0.038	0.038	0.038	0.048	0.058	0.067	0.077	0.086	0.096
108.0	0.058	0.038	0.038	0.038	0.048	0.058	0.067	0.077	0.096	0.106
108.5	0.048	0.038	0.038	0.038	0.048	0.067	0.077	0.086	0.096	0.106
109.0	0.038	0.038	0.038	0.048	0.058	0.067	0.077	0.086	0.096	0.106
109.5	0.038	0.038	0.038	0.048	0.058	0.067	0.077	0.086	0.106	0.115
110.0	0.048	0.038	0.038	0.048	0.058	0.067	0.077	0.096	0.106	0.115
110.5	0.048	0.038	0.048	0.048	0.058	0.067	0.086	0.096	0.106	0.115

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CANDELA TABULATION - (Cont.)

111.0	0.048	0.038	0.048	0.048	0.067	0.077	0.086	0.096	0.106	0.125
111.5	0.048	0.038	0.048	0.058	0.067	0.077	0.086	0.096	0.115	0.125
112.0	0.048	0.048	0.048	0.058	0.067	0.077	0.096	0.106	0.115	0.125
112.5	0.058	0.048	0.048	0.058	0.067	0.086	0.096	0.106	0.115	0.134
113.0	0.058	0.048	0.058	0.058	0.067	0.086	0.096	0.106	0.125	0.134
113.5	0.058	0.048	0.058	0.067	0.077	0.086	0.096	0.115	0.125	0.134
114.0	0.058	0.058	0.058	0.067	0.077	0.086	0.106	0.115	0.125	0.144
114.5	0.067	0.058	0.058	0.067	0.077	0.096	0.106	0.115	0.134	0.144
115.0	0.067	0.058	0.067	0.067	0.086	0.096	0.106	0.125	0.134	0.154
115.5	0.067	0.058	0.067	0.077	0.086	0.096	0.115	0.125	0.144	0.154
116.0	0.077	0.058	0.067	0.077	0.086	0.106	0.115	0.134	0.144	0.163
116.5	0.077	0.067	0.067	0.077	0.086	0.106	0.115	0.134	0.154	0.163
117.0	0.077	0.067	0.077	0.077	0.096	0.106	0.125	0.134	0.154	0.163
117.5	0.086	0.067	0.077	0.086	0.096	0.115	0.125	0.144	0.154	0.173
118.0	0.086	0.067	0.077	0.086	0.096	0.115	0.134	0.144	0.163	0.173
118.5	0.086	0.077	0.077	0.086	0.106	0.115	0.134	0.154	0.163	0.182
119.0	0.096	0.077	0.086	0.096	0.106	0.125	0.134	0.154	0.173	0.182
119.5	0.096	0.077	0.086	0.096	0.106	0.125	0.144	0.163	0.173	0.192
120.0	0.096	0.086	0.086	0.096	0.115	0.134	0.144	0.163	0.182	0.192
120.5	0.106	0.086	0.096	0.106	0.115	0.134	0.154	0.163	0.182	0.202
121.0	0.106	0.086	0.096	0.106	0.125	0.134	0.154	0.173	0.192	0.202
121.5	0.115	0.096	0.096	0.106	0.125	0.144	0.163	0.173	0.192	0.211
122.0	0.115	0.096	0.106	0.115	0.125	0.144	0.163	0.182	0.202	0.211
122.5	0.115	0.096	0.106	0.115	0.134	0.154	0.163	0.182	0.202	0.221
123.0	0.125	0.106	0.106	0.125	0.134	0.154	0.173	0.192	0.211	0.221
123.5	0.125	0.106	0.115	0.125	0.144	0.163	0.173	0.192	0.211	0.230
124.0	0.134	0.106	0.115	0.125	0.144	0.163	0.182	0.202	0.221	0.230
124.5	0.134	0.115	0.125	0.134	0.144	0.163	0.182	0.202	0.221	0.240
125.0	0.144	0.115	0.125	0.134	0.154	0.173	0.192	0.211	0.230	0.250
125.5	0.144	0.115	0.125	0.144	0.154	0.173	0.202	0.221	0.240	0.250
126.0	0.154	0.125	0.134	0.144	0.163	0.182	0.202	0.221	0.240	0.259
126.5	0.163	0.125	0.134	0.154	0.163	0.182	0.211	0.230	0.250	0.269
127.0	0.163	0.134	0.144	0.154	0.173	0.192	0.211	0.240	0.250	0.269
127.5	0.173	0.134	0.144	0.163	0.173	0.202	0.221	0.240	0.259	0.278
128.0	0.173	0.134	0.154	0.163	0.182	0.202	0.230	0.250	0.269	0.288
128.5	0.182	0.144	0.154	0.173	0.192	0.211	0.230	0.250	0.278	0.288
129.0	0.192	0.144	0.163	0.173	0.192	0.221	0.240	0.259	0.278	0.298
129.5	0.202	0.154	0.163	0.182	0.202	0.221	0.250	0.269	0.288	0.307
130.0	0.202	0.154	0.173	0.182	0.202	0.230	0.250	0.269	0.288	0.307
130.5	0.211	0.163	0.173	0.192	0.211	0.230	0.259	0.278	0.298	0.317
131.0	0.221	0.163	0.182	0.192	0.221	0.240	0.259	0.278	0.298	0.317
131.5	0.230	0.173	0.192	0.202	0.221	0.240	0.269	0.288	0.307	0.326
132.0	0.240	0.182	0.192	0.211	0.230	0.250	0.269	0.288	0.307	0.326
132.5	0.240	0.182	0.202	0.211	0.230	0.250	0.278	0.298	0.317	0.336
133.0	0.250	0.192	0.202	0.221	0.240	0.259	0.278	0.298	0.317	0.336
133.5	0.259	0.192	0.211	0.221	0.240	0.259	0.288	0.307	0.326	0.346
134.0	0.269	0.202	0.211	0.230	0.250	0.269	0.288	0.307	0.326	0.346
134.5	0.278	0.202	0.221	0.230	0.250	0.269	0.298	0.317	0.336	0.355
135.0	0.288	0.211	0.221	0.240	0.259	0.278	0.298	0.317	0.336	0.355
135.5	0.298	0.211	0.230	0.240	0.259	0.278	0.307	0.326	0.346	0.365
136.0	0.307	0.221	0.230	0.250	0.269	0.288	0.307	0.326	0.346	0.365
136.5	0.317	0.221	0.240	0.250	0.269	0.298	0.317	0.336	0.355	0.374
137.0	0.326	0.230	0.240	0.259	0.278	0.298	0.317	0.336	0.355	0.374
137.5	0.336	0.230	0.250	0.259	0.278	0.307	0.326	0.346	0.365	0.384
138.0	0.336	0.240	0.250	0.269	0.288	0.307	0.326	0.346	0.365	0.384
138.5	0.346	0.240	0.259	0.269	0.288	0.317	0.336	0.355	0.374	0.384

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139.0	0.355	0.250	0.259	0.278	0.298	0.317	0.336	0.355	0.374	0.394
139.5	0.365	0.250	0.269	0.278	0.298	0.317	0.346	0.355	0.374	0.394
140.0	0.374	0.259	0.269	0.288	0.307	0.326	0.346	0.365	0.374	0.394
140.5	0.384	0.259	0.278	0.288	0.307	0.326	0.346	0.365	0.384	0.394
141.0	0.394	0.269	0.278	0.298	0.317	0.326	0.346	0.365	0.384	0.403
141.5	0.403	0.269	0.288	0.298	0.317	0.336	0.355	0.374	0.384	0.403
142.0	0.413	0.278	0.288	0.307	0.317	0.336	0.355	0.374	0.394	0.403
142.5	0.422	0.278	0.298	0.307	0.326	0.336	0.365	0.374	0.394	0.403
143.0	0.432	0.288	0.298	0.307	0.326	0.346	0.365	0.384	0.403	0.413
143.5	0.442	0.288	0.307	0.317	0.326	0.346	0.374	0.384	0.413	0.413
144.0	0.451	0.288	0.307	0.317	0.326	0.355	0.384	0.384	0.422	0.413
144.5	0.461	0.298	0.307	0.317	0.336	0.355	0.394	0.384	0.422	0.413
145.0	0.470	0.298	0.317	0.326	0.336	0.365	0.394	0.394	0.432	0.422
145.5	0.480	0.298	0.317	0.326	0.346	0.374	0.394	0.394	0.442	0.422
146.0	0.490	0.307	0.317	0.336	0.346	0.374	0.403	0.394	0.442	0.432
146.5	0.490	0.307	0.326	0.336	0.346	0.384	0.403	0.394	0.442	0.432
147.0	0.499	0.307	0.326	0.336	0.355	0.384	0.403	0.403	0.451	0.432
147.5	0.509	0.317	0.326	0.346	0.365	0.394	0.394	0.413	0.451	0.432
148.0	0.518	0.317	0.336	0.346	0.365	0.394	0.394	0.422	0.451	0.442
148.5	0.528	0.326	0.336	0.355	0.374	0.403	0.403	0.432	0.461	0.442
149.0	0.538	0.326	0.346	0.355	0.374	0.403	0.403	0.451	0.461	0.442
149.5	0.547	0.336	0.346	0.365	0.384	0.403	0.413	0.470	0.451	0.442
150.0	0.557	0.336	0.355	0.365	0.394	0.403	0.413	0.490	0.461	0.442
150.5	0.557	0.346	0.355	0.374	0.403	0.403	0.413	0.509	0.470	0.451
151.0	0.566	0.355	0.365	0.374	0.403	0.403	0.413	0.518	0.480	0.451
151.5	0.576	0.365	0.365	0.384	0.413	0.403	0.413	0.528	0.499	0.461
152.0	0.586	0.365	0.374	0.394	0.413	0.413	0.422	0.538	0.509	0.461
152.5	0.595	0.374	0.374	0.403	0.413	0.422	0.422	0.538	0.509	0.470
153.0	0.605	0.394	0.384	0.403	0.413	0.422	0.432	0.538	0.509	0.470
153.5	0.614	0.403	0.384	0.403	0.413	0.422	0.432	0.538	0.499	0.470
154.0	0.614	0.413	0.394	0.413	0.422	0.432	0.442	0.538	0.499	0.470
154.5	0.624	0.422	0.394	0.413	0.422	0.432	0.451	0.547	0.509	0.470
155.0	0.624	0.432	0.394	0.413	0.432	0.432	0.461	0.557	0.538	0.480
155.5	0.634	0.451	0.403	0.422	0.432	0.442	0.470	0.566	0.586	0.480
156.0	0.634	0.461	0.413	0.422	0.432	0.442	0.480	0.576	0.614	0.490
156.5	0.643	0.480	0.413	0.432	0.432	0.442	0.480	0.586	0.586	0.499
157.0	0.643	0.490	0.422	0.432	0.442	0.442	0.490	0.595	0.528	0.499
157.5	0.653	0.509	0.422	0.432	0.442	0.451	0.509	0.595	0.499	0.499
158.0	0.653	0.518	0.422	0.432	0.442	0.451	0.528	0.586	0.499	0.499
158.5	0.653	0.538	0.422	0.432	0.442	0.451	0.547	0.566	0.499	0.499
159.0	0.662	0.547	0.422	0.432	0.442	0.461	0.557	0.566	0.499	0.499
159.5	0.672	0.566	0.432	0.442	0.451	0.470	0.576	0.576	0.499	0.509
160.0	0.672	0.576	0.432	0.442	0.451	0.490	0.586	0.634	0.499	0.518
160.5	0.682	0.595	0.432	0.442	0.451	0.499	0.595	0.710	0.509	0.518
161.0	0.682	0.605	0.432	0.451	0.461	0.518	0.586	0.605	0.509	0.518
161.5	0.691	0.624	0.432	0.451	0.470	0.538	0.586	0.576	0.518	0.528
162.0	0.691	0.634	0.432	0.461	0.490	0.547	0.547	0.557	0.528	0.538
162.5	0.691	0.643	0.442	0.461	0.509	0.557	0.547	0.538	0.528	0.538
163.0	0.691	0.653	0.442	0.470	0.528	0.557	0.557	0.538	0.538	0.538
163.5	0.691	0.672	0.451	0.480	0.538	0.557	0.557	0.538	0.538	0.547
164.0	0.701	0.682	0.461	0.499	0.538	0.547	0.557	0.538	0.538	0.547
164.5	0.720	0.710	0.480	0.499	0.547	0.538	0.547	0.538	0.538	0.547
165.0	0.739	0.739	0.509	0.499	0.547	0.538	0.538	0.538	0.538	0.547
165.5	0.758	0.758	0.547	0.499	0.547	0.538	0.528	0.538	0.538	0.547
166.0	0.778	0.778	0.576	0.499	0.538	0.528	0.528	0.528	0.538	0.538
166.5	0.778	0.778	0.595	0.499	0.538	0.528	0.528	0.538	0.538	0.547

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CANDELA TABULATION - (Cont.)

167.0	0.758	0.758	0.614	0.509	0.528	0.538	0.528	0.538	0.547	0.547
167.5	0.739	0.739	0.643	0.509	0.528	0.528	0.528	0.538	0.547	0.557
168.0	0.730	0.730	0.672	0.499	0.528	0.528	0.538	0.547	0.557	0.566
168.5	0.730	0.730	0.701	0.499	0.518	0.528	0.538	0.557	0.566	0.586
169.0	0.730	0.730	0.720	0.509	0.518	0.528	0.547	0.566	0.586	0.595
169.5	0.730	0.720	0.730	0.538	0.518	0.528	0.557	0.576	0.605	0.614
170.0	0.720	0.710	0.730	0.586	0.518	0.538	0.566	0.595	0.605	0.624
170.5	0.720	0.710	0.730	0.643	0.528	0.547	0.576	0.595	0.614	0.624
171.0	0.710	0.710	0.730	0.682	0.518	0.557	0.586	0.605	0.614	0.634
171.5	0.710	0.701	0.720	0.701	0.538	0.566	0.595	0.605	0.614	0.634
172.0	0.701	0.701	0.710	0.720	0.605	0.576	0.595	0.605	0.624	0.634
172.5	0.701	0.701	0.701	0.720	0.672	0.576	0.595	0.605	0.614	0.634
173.0	0.691	0.701	0.701	0.710	0.710	0.605	0.605	0.614	0.614	0.634
173.5	0.701	0.701	0.701	0.701	0.720	0.682	0.595	0.605	0.614	0.634
174.0	0.701	0.701	0.701	0.701	0.710	0.710	0.672	0.605	0.605	0.634
174.5	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.682	0.653	0.634
175.0	0.701	0.701	0.701	0.701	0.701	0.691	0.691	0.672	0.662	0.634
175.5	0.691	0.691	0.701	0.701	0.701	0.691	0.682	0.672	0.653	0.634
176.0	0.691	0.691	0.701	0.701	0.691	0.691	0.682	0.672	0.653	0.643
176.5	0.691	0.691	0.691	0.691	0.691	0.682	0.682	0.662	0.653	0.643
177.0	0.691	0.691	0.691	0.691	0.682	0.682	0.672	0.672	0.662	0.653
177.5	0.691	0.691	0.691	0.691	0.682	0.682	0.672	0.672	0.662	0.662
178.0	0.682	0.682	0.682	0.682	0.682	0.682	0.672	0.672	0.662	0.662
178.5	0.682	0.682	0.682	0.682	0.682	0.682	0.672	0.672	0.672	0.662
179.0	0.682	0.682	0.682	0.682	0.682	0.682	0.672	0.672	0.672	0.672
179.5	0.682	0.682	0.682	0.682	0.682	0.682	0.672	0.672	0.672	0.672
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

**Vert.
Angles**

Horizontal Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213
0.5	797.261	793.872	790.608	787.565	784.848	782.544	780.710	779.366	778.550	778.224
1.0	797.357	790.522	783.955	777.946	772.781	768.653	765.619	763.613	762.547	762.154
1.5	797.914	787.488	777.552	768.979	762.413	758.438	755.866	754.253	753.235	752.736
2.0	797.578	783.792	771.101	761.328	755.779	752.419	750.211	748.992	748.224	747.782
2.5	797.597	780.259	765.168	756.010	751.142	748.387	747.053	746.573	746.592	746.726
3.0	797.290	776.582	760.176	752.045	747.629	745.622	745.421	745.843	746.400	746.707
3.5	796.752	772.579	755.990	748.733	745.085	743.981	744.605	745.594	745.814	745.776
4.0	795.869	768.682	752.400	745.795	743.098	742.800	744.019	744.643	744.595	744.768
4.5	795.158	765.158	749.731	743.750	741.686	742.099	743.078	743.194	743.270	743.664
5.0	793.776	761.338	747.437	742.282	740.602	741.533	741.840	741.830	742.022	742.397
5.5	792.566	758.006	745.306	740.947	739.594	740.669	740.534	740.467	741.043	741.120
6.0	791.405	755.616	743.539	739.565	738.461	739.325	739.267	739.267	739.978	739.978
6.5	789.763	753.120	741.706	738.038	737.174	737.885	737.885	738.211	738.691	738.816
7.0	787.853	750.346	739.872	736.502	735.898	736.397	736.637	737.155	737.203	737.568
7.5	786.086	748.022	737.846	734.880	734.630	735.149	735.379	736.109	734.698	735.398
8.0	783.706	745.814	736.387	733.171	733.286	733.930	733.526	733.738	730.906	730.474
8.5	781.795	743.971	735.254	731.722	731.818	732.730	730.714	729.216	724.810	723.245
9.0	779.846	742.253	733.891	730.435	730.138	731.194	726.288	722.650	716.054	714.586
9.5	777.581	739.920	732.038	728.947	728.342	728.515	720.672	714.893	706.896	706.166
10.0	775.411	737.472	729.706	727.392	726.173	724.848	713.606	706.598	699.437	699.475
10.5	773.510	735.504	727.670	726.106	723.379	720.019	706.579	698.410	693.034	693.264
11.0	771.350	733.622	725.885	724.675	719.885	713.971	699.888	690.931	685.786	686.602
11.5	769.469	731.818	723.984	723.226	715.478	706.579	693.197	683.328	678.182	678.595
12.0	767.568	730.061	721.987	721.584	710.458	698.957	686.352	674.966	670.714	670.090

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CANDELA TABULATION - (Cont.)

12.5	765.802	728.266	720.144	719.827	705.523	690.758	679.315	666.470	663.456	662.851
13.0	763.613	726.432	718.090	718.051	700.646	682.867	672.077	659.338	657.581	658.099
13.5	761.443	724.589	716.294	715.843	696.058	675.590	664.896	653.549	653.846	655.085
14.0	759.053	722.899	714.442	713.126	690.835	669.014	658.310	650.717	651.485	652.579
14.5	756.240	720.912	712.627	710.362	685.594	662.621	652.762	649.056	649.949	651.014
15.0	753.370	718.483	710.342	706.733	680.179	657.274	648.000	647.434	648.326	649.354
15.5	751.152	716.314	707.779	702.250	674.275	652.915	644.381	645.754	646.397	647.347
16.0	749.309	714.806	705.197	697.469	667.632	648.922	641.904	644.170	644.083	645.187
16.5	747.715	713.683	703.219	692.410	661.123	645.005	640.109	642.624	642.096	643.046
17.0	745.507	712.272	701.290	687.398	654.499	641.424	638.438	641.050	640.493	640.810
17.5	743.683	710.669	698.976	682.848	648.125	638.458	636.490	639.581	639.408	638.774
18.0	741.965	709.229	696.384	677.798	642.547	635.616	634.531	638.026	637.882	637.171
18.5	738.624	707.578	693.763	672.758	637.507	632.640	632.458	635.472	635.462	635.174
19.0	733.661	705.562	691.478	668.122	633.533	629.837	630.394	631.776	632.198	631.795
19.5	728.198	702.768	689.222	663.437	630.346	627.427	628.666	627.830	628.493	627.571
20.0	721.334	698.717	685.834	659.443	627.571	625.651	627.302	624.499	625.411	623.501
20.5	715.814	694.339	681.552	655.776	625.603	624.605	626.179	622.224	623.328	620.573
21.0	710.102	690.230	676.656	651.667	623.616	623.789	623.885	621.053	621.840	618.634
21.5	703.805	685.958	672.010	646.848	621.398	622.541	620.592	619.882	620.534	616.608
22.0	697.728	681.418	666.394	641.818	619.354	620.611	617.146	618.307	619.085	614.765
22.5	693.974	676.397	659.501	635.261	617.453	618.451	614.419	616.973	617.808	613.939
23.0	690.566	670.598	652.147	628.291	615.264	616.790	612.499	615.658	616.627	613.939
23.5	686.774	665.510	645.206	622.704	613.382	614.630	610.838	613.949	615.456	614.035
24.0	683.011	661.987	638.890	617.558	611.194	611.942	609.283	612.470	614.285	613.258
24.5	679.421	659.088	633.264	610.464	607.853	609.312	607.843	610.282	612.298	610.723
25.0	675.744	656.160	627.456	603.322	603.072	606.470	605.885	607.008	607.757	606.662
25.5	671.299	652.579	620.630	596.122	597.878	603.245	603.859	603.206	600.355	598.867
26.0	666.470	647.866	614.198	588.874	593.443	600.221	601.661	598.243	589.142	587.664
26.5	660.960	641.338	607.757	582.778	589.910	597.283	598.051	590.899	576.470	575.482
27.0	653.875	633.974	600.998	577.949	586.416	594.336	593.155	580.291	562.224	562.042
27.5	646.003	627.466	594.576	573.859	582.806	590.400	587.174	566.438	548.400	548.899
28.0	638.410	621.677	589.402	569.866	579.082	585.130	579.946	551.971	535.872	536.227
28.5	632.304	615.888	585.024	565.987	575.184	578.573	571.238	539.338	523.939	522.211
29.0	626.822	610.790	580.445	562.531	571.229	570.538	560.534	528.240	511.037	507.667
29.5	621.168	607.142	576.365	559.162	566.938	562.022	546.826	517.344	497.376	491.482
30.0	616.118	604.291	572.026	555.302	562.627	554.899	531.734	505.642	484.042	476.794
30.5	612.106	601.296	566.650	550.090	558.067	548.477	518.429	493.344	471.322	466.406
31.0	608.650	597.600	560.515	543.821	552.557	542.592	508.013	482.506	461.549	460.675
31.5	605.270	591.792	553.891	537.466	546.106	535.786	498.998	471.926	454.790	457.853
32.0	601.555	583.795	546.499	531.888	539.366	526.435	489.773	461.366	450.538	455.683
32.5	596.918	575.174	538.464	527.040	533.021	515.808	479.827	451.162	447.696	453.120
33.0	591.130	566.669	530.381	522.547	526.771	504.701	469.114	443.664	445.210	450.048
33.5	584.995	558.451	523.190	518.602	520.214	493.546	458.400	438.778	442.886	446.496
34.0	578.448	550.733	516.470	515.856	513.581	482.755	447.898	435.130	440.218	443.155
34.5	572.064	543.926	510.950	513.562	506.477	471.917	438.326	432.614	437.434	439.958
35.0	565.757	537.686	507.398	510.528	499.046	461.453	430.262	429.821	434.371	437.040
35.5	559.526	531.840	505.277	506.314	490.915	449.088	423.744	426.778	430.675	433.632
36.0	554.275	526.704	503.078	501.091	481.632	437.213	418.474	423.130	425.414	429.446
36.5	549.562	523.027	499.277	495.658	471.898	427.219	412.550	417.590	418.262	421.363
37.0	542.880	519.504	493.584	488.285	462.259	420.845	406.320	410.669	409.066	409.046
37.5	535.440	515.117	486.614	478.205	453.139	414.710	401.606	403.507	397.958	394.435
38.0	530.342	509.981	479.808	466.214	443.741	409.277	397.046	396.461	386.755	383.280
38.5	528.701	503.194	472.378	454.070	433.728	404.928	391.939	389.318	378.787	377.270
39.0	529.603	495.677	463.469	443.741	423.792	400.896	386.688	382.454	373.930	375.408
39.5	532.752	489.216	454.387	434.477	415.363	395.923	381.734	375.821	371.126	374.477
40.0	534.605	486.374	447.158	427.363	407.318	390.278	376.915	369.331	368.630	372.912

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40.5	530.602	485.712	441.821	421.766	399.139	383.059	371.664	363.418	366.144	370.886
41.0	518.285	483.110	438.826	415.507	392.438	373.555	365.885	357.706	363.581	368.054
41.5	503.990	473.702	438.874	409.334	387.120	362.237	359.760	351.686	359.683	364.550
42.0	490.838	457.622	439.421	403.574	381.437	354.336	351.936	346.800	352.666	358.368
42.5	478.138	443.990	438.000	399.139	374.323	348.470	342.720	343.123	342.355	348.451
43.0	462.950	436.387	434.208	396.346	365.232	342.998	334.099	337.210	332.218	337.930
43.5	448.186	430.061	426.278	394.243	357.331	336.912	327.149	327.706	324.326	328.925
44.0	441.610	420.240	415.152	389.530	351.475	330.874	320.438	317.875	315.360	318.710
44.5	443.213	409.603	405.466	382.234	345.235	326.563	314.966	309.686	303.552	307.776
45.0	444.451	399.667	397.555	375.274	338.947	321.350	310.157	301.853	292.099	299.280
45.5	441.485	389.165	391.142	365.597	333.542	315.168	303.888	294.854	283.670	291.494
46.0	437.021	382.157	387.130	353.731	326.429	308.054	298.051	287.827	278.026	281.789
46.5	430.742	379.123	382.282	344.342	318.259	300.048	292.829	279.533	272.861	271.411
47.0	423.898	378.326	371.664	338.083	312.384	289.939	287.952	273.101	266.122	264.643
47.5	418.426	375.638	356.870	329.914	306.845	281.357	281.952	269.318	259.546	260.141
48.0	412.502	369.302	342.490	320.285	299.078	277.123	272.966	266.640	254.506	255.341
48.5	401.405	357.331	332.362	313.354	293.952	273.734	263.510	260.832	248.573	250.589
49.0	388.800	342.566	322.550	310.070	290.794	269.462	256.234	250.915	241.786	245.654
49.5	386.189	332.928	313.910	305.645	286.090	265.421	249.869	242.832	234.576	236.160
50.0	387.110	327.139	308.947	297.120	279.254	259.939	240.970	237.370	226.339	225.840
50.5	380.064	319.920	304.589	287.088	268.877	252.509	232.541	227.760	219.869	221.270
51.0	368.525	315.782	298.848	278.419	257.846	242.400	229.200	213.667	214.589	216.144
51.5	358.925	310.877	292.138	269.606	249.811	234.269	223.488	205.056	208.416	210.259
52.0	349.277	298.982	285.792	260.275	246.211	229.930	211.930	204.211	201.226	204.365
52.5	340.704	290.947	276.739	252.970	243.830	223.363	202.176	200.784	191.270	195.830
53.0	335.597	288.125	266.534	247.104	239.693	212.976	195.696	191.232	182.707	184.205
53.5	319.181	288.106	258.854	242.045	233.568	205.373	188.294	179.885	176.803	169.862
54.0	303.350	286.579	250.723	240.557	228.221	196.464	178.858	163.286	169.066	159.514
54.5	295.325	277.085	243.821	237.053	222.173	187.181	168.643	153.446	159.197	153.034
55.0	287.059	261.830	236.218	229.373	214.147	182.650	161.942	149.702	145.786	146.371
55.5	284.707	250.224	231.091	220.109	200.333	178.810	154.800	145.046	138.000	140.026
56.0	276.173	239.779	228.259	204.653	187.661	172.099	146.016	141.773	135.792	133.920
56.5	266.093	237.197	222.134	189.312	178.781	163.104	140.381	136.579	129.312	130.205
57.0	265.459	238.099	211.498	179.165	172.272	154.790	136.656	127.853	120.566	128.842
57.5	259.594	228.221	200.986	167.242	165.168	148.147	131.299	123.677	115.056	120.941
58.0	247.901	218.582	195.754	159.994	154.925	144.672	126.595	121.939	109.152	109.622
58.5	237.514	212.621	191.030	158.592	148.541	137.654	121.584	117.542	104.544	105.168
59.0	230.467	204.000	178.483	155.866	147.581	131.318	116.179	109.094	99.398	102.653
59.5	224.698	195.619	168.960	150.480	144.163	125.904	106.272	99.274	87.955	96.845
60.0	217.382	189.005	163.517	147.744	138.730	119.693	102.653	89.174	80.093	85.997
60.5	201.197	185.050	158.774	147.062	128.573	110.467	96.470	83.347	72.250	73.891
61.0	189.533	177.936	153.946	142.205	124.301	97.526	86.064	77.386	66.355	67.834
61.5	184.810	160.147	148.061	133.286	120.403	89.126	76.310	71.587	60.154	66.566
62.0	181.670	148.666	141.571	124.147	112.051	82.627	69.610	64.906	53.923	64.704
62.5	164.515	144.682	142.618	119.309	100.522	78.874	64.560	59.510	50.592	62.803
63.0	152.496	138.163	132.154	114.451	92.458	75.677	59.165	55.210	48.941	57.302
63.5	153.696	133.574	116.554	102.950	86.966	70.781	55.037	50.506	43.786	48.970
64.0	143.693	132.691	109.891	90.826	83.914	65.750	51.408	46.339	36.288	47.002
64.5	130.560	122.496	97.949	87.331	73.142	62.275	49.574	41.914	29.923	39.360
65.0	131.280	108.336	86.573	84.298	67.958	57.581	43.094	34.099	22.829	28.464
65.5	122.045	104.371	80.064	74.621	63.830	53.165	40.800	29.990	21.475	23.117
66.0	119.165	99.562	75.830	68.774	58.502	47.616	37.680	22.224	18.960	20.496
66.5	110.016	90.259	73.930	65.741	52.397	41.117	31.277	20.400	17.251	19.469
67.0	101.875	85.786	68.035	61.104	48.960	37.651	28.790	18.912	14.822	18.749
67.5	96.538	77.069	62.054	56.352	47.270	32.304	24.326	17.338	13.709	18.211
68.0	87.456	70.349	58.464	51.053	38.266	27.120	17.155	16.291	12.941	17.904

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CANDELA TABULATION - (Cont.)

68.5	81.840	66.106	54.989	46.579	34.176	24.355	13.440	15.130	12.307	16.589
69.0	81.734	61.930	51.763	39.936	33.082	21.024	11.731	12.557	11.395	15.437
69.5	80.544	57.965	47.194	33.494	24.307	18.662	11.222	11.376	10.867	14.275
70.0	73.498	53.722	39.389	30.797	23.050	18.778	10.426	10.214	10.262	13.123
70.5	64.118	49.382	34.387	27.677	20.736	17.357	9.773	9.389	9.322	12.010
71.0	57.974	41.501	37.843	25.699	16.032	13.248	9.600	8.698	8.390	10.810
71.5	52.522	34.118	35.942	22.445	12.758	10.742	8.400	7.661	7.824	9.293
72.0	46.906	36.442	27.264	17.827	11.885	8.342	7.142	6.883	6.941	8.112
72.5	41.232	32.640	21.802	16.800	8.266	6.806	6.528	6.250	6.000	7.210
73.0	38.746	23.818	19.094	14.938	7.632	6.202	5.702	5.654	5.635	6.173
73.5	34.627	21.850	15.331	11.597	7.152	5.539	5.050	4.982	4.906	5.750
74.0	24.240	21.139	12.470	9.792	6.288	4.954	4.454	4.358	4.579	5.539
74.5	25.162	15.264	10.349	8.899	5.501	4.464	4.022	3.792	4.253	4.704
75.0	14.822	12.461	8.026	7.738	4.944	4.013	3.514	3.456	3.763	4.214
75.5	12.355	10.579	6.739	6.634	4.464	3.533	3.062	3.091	3.427	3.888
76.0	9.552	7.930	5.971	5.558	3.936	3.139	2.650	2.717	2.928	3.418
76.5	8.285	6.960	5.357	4.464	3.514	2.794	2.371	2.314	2.554	3.005
77.0	6.835	6.192	4.790	3.734	3.082	2.438	2.035	1.949	2.102	2.573
77.5	5.990	5.405	4.214	3.418	2.698	2.150	1.805	1.699	1.757	2.246
78.0	5.328	4.608	3.744	3.101	2.400	1.958	1.546	1.421	1.421	1.805
78.5	4.819	3.936	3.370	2.794	2.150	1.747	1.315	1.142	1.152	1.459
79.0	4.349	3.523	3.034	2.515	1.949	1.517	1.142	0.941	0.922	1.210
79.5	3.869	3.149	2.717	2.275	1.766	1.315	0.989	0.778	0.758	0.989
80.0	3.379	2.851	2.486	2.083	1.603	1.162	0.854	0.653	0.605	0.816
80.5	3.130	2.650	2.323	1.920	1.459	1.027	0.739	0.547	0.499	0.662
81.0	2.957	2.486	2.170	1.776	1.315	0.922	0.643	0.461	0.403	0.528
81.5	2.794	2.342	2.026	1.651	1.171	0.835	0.576	0.384	0.317	0.422
82.0	2.611	2.189	1.882	1.536	1.037	0.739	0.509	0.317	0.240	0.326
82.5	2.467	2.045	1.728	1.421	0.941	0.653	0.442	0.259	0.182	0.250
83.0	2.314	1.901	1.622	1.296	0.883	0.576	0.374	0.202	0.144	0.182
83.5	2.141	1.766	1.555	1.181	0.816	0.518	0.307	0.163	0.106	0.125
84.0	1.997	1.642	1.478	1.085	0.730	0.461	0.250	0.125	0.077	0.077
84.5	1.862	1.507	1.382	0.998	0.634	0.394	0.211	0.096	0.048	0.038
85.0	1.690	1.392	1.286	0.922	0.576	0.346	0.173	0.077	0.038	0.029
85.5	1.546	1.286	1.171	0.845	0.528	0.298	0.144	0.058	0.029	0.029
86.0	1.450	1.200	1.027	0.749	0.480	0.269	0.125	0.048	0.029	0.029
86.5	1.354	1.104	0.902	0.662	0.422	0.240	0.106	0.038	0.029	0.029
87.0	1.258	1.018	0.816	0.605	0.374	0.211	0.096	0.038	0.029	0.029
87.5	1.171	0.941	0.739	0.547	0.336	0.182	0.086	0.038	0.029	0.029
88.0	1.085	0.864	0.682	0.490	0.307	0.163	0.077	0.038	0.038	0.029
88.5	1.008	0.806	0.634	0.451	0.278	0.154	0.077	0.038	0.038	0.029
89.0	0.941	0.749	0.586	0.413	0.250	0.144	0.077	0.038	0.038	0.038
89.5	0.874	0.691	0.538	0.384	0.230	0.134	0.067	0.038	0.038	0.038
90.0	0.806	0.634	0.499	0.355	0.211	0.125	0.067	0.038	0.038	0.038
90.5	0.739	0.586	0.470	0.326	0.202	0.125	0.067	0.038	0.048	0.038
91.0	0.682	0.547	0.432	0.298	0.192	0.115	0.067	0.038	0.048	0.048
91.5	0.634	0.509	0.413	0.278	0.182	0.115	0.067	0.038	0.048	0.048
92.0	0.586	0.470	0.384	0.259	0.173	0.106	0.067	0.038	0.048	0.048
92.5	0.538	0.442	0.365	0.250	0.163	0.106	0.067	0.038	0.058	0.048
93.0	0.499	0.422	0.346	0.230	0.154	0.096	0.067	0.038	0.058	0.058
93.5	0.461	0.394	0.326	0.221	0.154	0.096	0.058	0.038	0.058	0.058
94.0	0.432	0.374	0.307	0.211	0.144	0.096	0.058	0.038	0.067	0.058
94.5	0.403	0.355	0.288	0.202	0.134	0.086	0.058	0.048	0.067	0.067
95.0	0.374	0.336	0.269	0.182	0.134	0.086	0.058	0.048	0.067	0.067
95.5	0.355	0.317	0.250	0.173	0.125	0.077	0.058	0.048	0.077	0.067
96.0	0.326	0.298	0.240	0.163	0.115	0.077	0.058	0.048	0.077	0.077

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CANDELA TABULATION - (Cont.)

96.5	0.307	0.278	0.221	0.154	0.115	0.077	0.058	0.048	0.077	0.077
97.0	0.278	0.259	0.202	0.144	0.106	0.067	0.058	0.058	0.086	0.077
97.5	0.250	0.240	0.182	0.125	0.096	0.067	0.058	0.058	0.086	0.086
98.0	0.221	0.211	0.163	0.115	0.096	0.067	0.058	0.058	0.096	0.086
98.5	0.192	0.192	0.144	0.106	0.086	0.067	0.058	0.067	0.096	0.086
99.0	0.173	0.173	0.134	0.106	0.086	0.067	0.067	0.067	0.096	0.096
99.5	0.154	0.154	0.125	0.096	0.086	0.067	0.067	0.067	0.106	0.096
100.0	0.134	0.144	0.115	0.096	0.077	0.067	0.067	0.067	0.106	0.096
100.5	0.125	0.125	0.106	0.086	0.077	0.067	0.067	0.077	0.106	0.106
101.0	0.115	0.115	0.106	0.086	0.077	0.077	0.067	0.077	0.115	0.106
101.5	0.106	0.106	0.096	0.086	0.086	0.077	0.077	0.077	0.115	0.106
102.0	0.096	0.096	0.096	0.086	0.086	0.077	0.077	0.077	0.125	0.115
102.5	0.096	0.096	0.096	0.086	0.086	0.086	0.077	0.086	0.125	0.115
103.0	0.086	0.086	0.096	0.086	0.086	0.086	0.086	0.086	0.134	0.125
103.5	0.086	0.086	0.096	0.096	0.096	0.086	0.086	0.086	0.134	0.125
104.0	0.086	0.086	0.096	0.096	0.096	0.096	0.086	0.096	0.134	0.134
104.5	0.086	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.144	0.134
105.0	0.086	0.096	0.096	0.106	0.106	0.096	0.096	0.096	0.144	0.144
105.5	0.096	0.096	0.106	0.106	0.106	0.106	0.096	0.106	0.154	0.144
106.0	0.096	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.154	0.144
106.5	0.096	0.106	0.106	0.115	0.115	0.106	0.106	0.115	0.163	0.154
107.0	0.106	0.106	0.115	0.115	0.115	0.115	0.106	0.115	0.163	0.154
107.5	0.106	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.173	0.163
108.0	0.106	0.115	0.125	0.125	0.125	0.115	0.115	0.125	0.173	0.163
108.5	0.115	0.115	0.125	0.125	0.125	0.125	0.115	0.125	0.182	0.173
109.0	0.115	0.125	0.125	0.134	0.125	0.125	0.125	0.134	0.182	0.173
109.5	0.125	0.125	0.134	0.134	0.134	0.125	0.125	0.134	0.192	0.182
110.0	0.125	0.134	0.134	0.134	0.134	0.134	0.125	0.134	0.192	0.182
110.5	0.125	0.134	0.134	0.144	0.144	0.134	0.134	0.144	0.192	0.192
111.0	0.134	0.134	0.144	0.144	0.144	0.144	0.134	0.144	0.202	0.192
111.5	0.134	0.144	0.144	0.154	0.144	0.144	0.144	0.154	0.202	0.192
112.0	0.134	0.144	0.154	0.154	0.154	0.154	0.144	0.154	0.211	0.202
112.5	0.144	0.144	0.154	0.154	0.154	0.154	0.144	0.163	0.211	0.202
113.0	0.144	0.154	0.154	0.163	0.163	0.154	0.154	0.163	0.211	0.211
113.5	0.144	0.154	0.163	0.163	0.163	0.163	0.154	0.163	0.221	0.211
114.0	0.154	0.163	0.163	0.173	0.163	0.163	0.163	0.173	0.221	0.211
114.5	0.154	0.163	0.173	0.173	0.173	0.173	0.163	0.173	0.230	0.221
115.0	0.163	0.163	0.173	0.173	0.173	0.173	0.163	0.182	0.230	0.221
115.5	0.163	0.173	0.182	0.182	0.182	0.173	0.173	0.182	0.230	0.221
116.0	0.173	0.173	0.182	0.182	0.182	0.182	0.173	0.192	0.240	0.230
116.5	0.173	0.182	0.192	0.192	0.192	0.182	0.182	0.192	0.240	0.230
117.0	0.173	0.182	0.192	0.192	0.192	0.192	0.182	0.202	0.250	0.240
117.5	0.182	0.192	0.202	0.202	0.202	0.192	0.182	0.202	0.250	0.240
118.0	0.182	0.192	0.202	0.202	0.202	0.202	0.192	0.211	0.250	0.240
118.5	0.192	0.202	0.202	0.211	0.211	0.202	0.192	0.211	0.259	0.250
119.0	0.192	0.202	0.211	0.211	0.211	0.211	0.202	0.211	0.259	0.250
119.5	0.202	0.211	0.211	0.221	0.211	0.211	0.202	0.221	0.269	0.259
120.0	0.202	0.211	0.221	0.221	0.221	0.221	0.211	0.230	0.269	0.259
120.5	0.211	0.221	0.221	0.230	0.221	0.221	0.211	0.230	0.278	0.269
121.0	0.211	0.221	0.230	0.230	0.230	0.230	0.221	0.240	0.278	0.269
121.5	0.221	0.230	0.230	0.240	0.230	0.230	0.221	0.240	0.288	0.278
122.0	0.221	0.230	0.240	0.240	0.240	0.230	0.230	0.250	0.288	0.278
122.5	0.230	0.240	0.240	0.250	0.240	0.240	0.230	0.250	0.298	0.278
123.0	0.230	0.240	0.250	0.250	0.250	0.240	0.240	0.259	0.298	0.288
123.5	0.240	0.250	0.259	0.259	0.259	0.250	0.240	0.259	0.307	0.288
124.0	0.250	0.250	0.259	0.259	0.259	0.259	0.250	0.269	0.307	0.298

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CANDELA TABULATION - (Cont.)

124.5	0.250	0.259	0.269	0.269	0.269	0.259	0.250	0.278	0.317	0.298
125.0	0.259	0.269	0.278	0.278	0.269	0.269	0.259	0.278	0.326	0.307
125.5	0.269	0.269	0.278	0.278	0.278	0.269	0.259	0.288	0.326	0.317
126.0	0.269	0.278	0.288	0.288	0.288	0.278	0.269	0.298	0.336	0.317
126.5	0.278	0.288	0.298	0.298	0.288	0.288	0.269	0.298	0.346	0.326
127.0	0.288	0.298	0.298	0.307	0.298	0.288	0.278	0.307	0.355	0.336
127.5	0.288	0.298	0.307	0.307	0.307	0.298	0.288	0.317	0.355	0.346
128.0	0.298	0.307	0.317	0.317	0.317	0.307	0.288	0.326	0.365	0.346
128.5	0.307	0.317	0.317	0.326	0.317	0.317	0.298	0.336	0.374	0.355
129.0	0.307	0.317	0.326	0.326	0.326	0.317	0.307	0.346	0.384	0.365
129.5	0.317	0.326	0.336	0.336	0.336	0.326	0.317	0.355	0.394	0.374
130.0	0.317	0.326	0.336	0.336	0.336	0.336	0.317	0.365	0.403	0.384
130.5	0.326	0.336	0.346	0.346	0.346	0.346	0.326	0.365	0.413	0.394
131.0	0.336	0.336	0.346	0.355	0.355	0.346	0.336	0.374	0.422	0.403
131.5	0.336	0.346	0.355	0.355	0.355	0.355	0.336	0.384	0.432	0.413
132.0	0.346	0.355	0.355	0.365	0.365	0.355	0.346	0.394	0.442	0.413
132.5	0.346	0.355	0.365	0.365	0.365	0.365	0.346	0.403	0.451	0.422
133.0	0.346	0.365	0.374	0.374	0.374	0.365	0.355	0.413	0.461	0.432
133.5	0.355	0.365	0.374	0.374	0.384	0.374	0.365	0.422	0.470	0.442
134.0	0.365	0.374	0.384	0.384	0.384	0.384	0.365	0.432	0.480	0.451
134.5	0.365	0.374	0.384	0.394	0.394	0.384	0.374	0.442	0.490	0.461
135.0	0.374	0.384	0.394	0.394	0.394	0.394	0.374	0.451	0.499	0.470
135.5	0.374	0.384	0.394	0.403	0.403	0.394	0.374	0.461	0.509	0.480
136.0	0.384	0.394	0.403	0.403	0.403	0.403	0.384	0.461	0.518	0.490
136.5	0.384	0.394	0.403	0.413	0.413	0.413	0.384	0.470	0.528	0.499
137.0	0.394	0.403	0.413	0.413	0.422	0.413	0.394	0.480	0.538	0.509
137.5	0.394	0.403	0.413	0.422	0.422	0.422	0.394	0.490	0.547	0.518
138.0	0.394	0.403	0.422	0.422	0.432	0.422	0.403	0.499	0.547	0.528
138.5	0.403	0.413	0.422	0.432	0.432	0.432	0.413	0.509	0.557	0.547
139.0	0.403	0.413	0.422	0.432	0.442	0.432	0.413	0.518	0.566	0.557
139.5	0.403	0.413	0.432	0.432	0.442	0.442	0.422	0.528	0.576	0.557
140.0	0.403	0.422	0.432	0.442	0.442	0.442	0.422	0.538	0.586	0.566
140.5	0.413	0.422	0.432	0.442	0.451	0.442	0.432	0.547	0.595	0.576
141.0	0.413	0.422	0.432	0.442	0.451	0.451	0.432	0.557	0.605	0.586
141.5	0.413	0.422	0.442	0.442	0.451	0.451	0.432	0.557	0.605	0.586
142.0	0.413	0.422	0.442	0.451	0.451	0.451	0.442	0.566	0.614	0.595
142.5	0.413	0.422	0.442	0.451	0.451	0.451	0.442	0.576	0.624	0.605
143.0	0.422	0.432	0.442	0.451	0.451	0.461	0.442	0.586	0.634	0.614
143.5	0.422	0.432	0.442	0.451	0.451	0.461	0.442	0.595	0.634	0.624
144.0	0.422	0.432	0.442	0.451	0.461	0.461	0.442	0.605	0.643	0.624
144.5	0.432	0.442	0.451	0.451	0.461	0.461	0.451	0.614	0.653	0.634
145.0	0.432	0.442	0.451	0.451	0.461	0.461	0.451	0.614	0.653	0.643
145.5	0.432	0.442	0.451	0.461	0.461	0.461	0.451	0.624	0.662	0.643
146.0	0.442	0.451	0.451	0.461	0.461	0.461	0.451	0.634	0.672	0.653
146.5	0.442	0.451	0.461	0.461	0.461	0.470	0.451	0.643	0.672	0.662
147.0	0.442	0.451	0.461	0.461	0.461	0.470	0.461	0.643	0.672	0.662
147.5	0.442	0.451	0.461	0.461	0.470	0.470	0.461	0.653	0.682	0.672
148.0	0.442	0.451	0.461	0.461	0.470	0.470	0.461	0.662	0.682	0.672
148.5	0.442	0.451	0.461	0.461	0.470	0.470	0.461	0.662	0.691	0.682
149.0	0.451	0.451	0.461	0.461	0.470	0.470	0.470	0.672	0.691	0.682
149.5	0.451	0.461	0.461	0.470	0.470	0.470	0.470	0.682	0.691	0.691
150.0	0.451	0.461	0.461	0.470	0.470	0.470	0.470	0.682	0.691	0.691
150.5	0.461	0.461	0.470	0.470	0.470	0.470	0.470	0.691	0.701	0.691
151.0	0.461	0.470	0.470	0.470	0.470	0.480	0.480	0.701	0.701	0.701
151.5	0.461	0.470	0.470	0.480	0.480	0.480	0.480	0.701	0.701	0.701
152.0	0.470	0.470	0.470	0.480	0.480	0.480	0.480	0.701	0.701	0.701

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CANDELA TABULATION - (Cont.)

152.5	0.470	0.470	0.480	0.480	0.480	0.480	0.490	0.710	0.710	0.701
153.0	0.470	0.470	0.480	0.480	0.480	0.480	0.499	0.710	0.710	0.710
153.5	0.470	0.480	0.480	0.490	0.490	0.480	0.499	0.710	0.710	0.710
154.0	0.470	0.480	0.480	0.490	0.490	0.490	0.509	0.710	0.710	0.710
154.5	0.480	0.480	0.480	0.490	0.490	0.490	0.518	0.701	0.710	0.710
155.0	0.480	0.480	0.490	0.490	0.490	0.490	0.518	0.701	0.710	0.710
155.5	0.480	0.480	0.490	0.490	0.490	0.490	0.528	0.701	0.701	0.710
156.0	0.480	0.480	0.490	0.490	0.499	0.490	0.538	0.701	0.701	0.710
156.5	0.480	0.480	0.490	0.499	0.499	0.490	0.547	0.701	0.701	0.710
157.0	0.480	0.490	0.490	0.499	0.499	0.490	0.557	0.710	0.701	0.710
157.5	0.490	0.490	0.490	0.499	0.499	0.490	0.557	0.710	0.701	0.701
158.0	0.490	0.490	0.499	0.499	0.499	0.490	0.566	0.710	0.701	0.701
158.5	0.499	0.499	0.499	0.499	0.499	0.490	0.576	0.710	0.701	0.701
159.0	0.499	0.499	0.499	0.509	0.499	0.490	0.586	0.710	0.701	0.701
159.5	0.509	0.509	0.509	0.509	0.509	0.490	0.595	0.710	0.701	0.701
160.0	0.518	0.518	0.509	0.509	0.509	0.499	0.605	0.710	0.701	0.710
160.5	0.518	0.518	0.518	0.518	0.509	0.499	0.614	0.710	0.701	0.710
161.0	0.528	0.528	0.528	0.518	0.518	0.499	0.624	0.710	0.701	0.710
161.5	0.528	0.528	0.528	0.528	0.518	0.509	0.624	0.701	0.701	0.710
162.0	0.538	0.538	0.528	0.528	0.528	0.509	0.634	0.701	0.701	0.710
162.5	0.538	0.538	0.538	0.538	0.538	0.509	0.643	0.691	0.701	0.710
163.0	0.547	0.547	0.538	0.538	0.538	0.518	0.653	0.691	0.701	0.710
163.5	0.547	0.547	0.547	0.538	0.538	0.528	0.653	0.682	0.701	0.710
164.0	0.547	0.547	0.547	0.547	0.538	0.538	0.662	0.682	0.691	0.701
164.5	0.547	0.557	0.547	0.547	0.547	0.538	0.672	0.682	0.691	0.701
165.0	0.547	0.547	0.557	0.547	0.547	0.547	0.672	0.672	0.691	0.701
165.5	0.547	0.547	0.557	0.557	0.547	0.566	0.672	0.672	0.682	0.691
166.0	0.547	0.547	0.557	0.557	0.547	0.576	0.672	0.672	0.682	0.691
166.5	0.547	0.547	0.547	0.557	0.547	0.586	0.672	0.672	0.682	0.691
167.0	0.557	0.547	0.547	0.557	0.547	0.605	0.672	0.672	0.682	0.682
167.5	0.557	0.557	0.547	0.547	0.547	0.614	0.672	0.672	0.682	0.682
168.0	0.566	0.557	0.557	0.557	0.547	0.624	0.672	0.672	0.682	0.682
168.5	0.586	0.566	0.557	0.557	0.547	0.634	0.662	0.672	0.682	0.682
169.0	0.595	0.586	0.566	0.557	0.547	0.643	0.662	0.672	0.682	0.682
169.5	0.614	0.605	0.576	0.566	0.566	0.643	0.653	0.662	0.672	0.682
170.0	0.624	0.614	0.595	0.566	0.586	0.653	0.653	0.662	0.672	0.682
170.5	0.634	0.624	0.614	0.576	0.605	0.653	0.643	0.662	0.672	0.682
171.0	0.634	0.634	0.624	0.595	0.624	0.653	0.643	0.653	0.672	0.672
171.5	0.643	0.643	0.634	0.605	0.643	0.643	0.653	0.653	0.662	0.672
172.0	0.653	0.653	0.643	0.624	0.643	0.643	0.653	0.653	0.662	0.672
172.5	0.653	0.653	0.643	0.634	0.643	0.643	0.653	0.653	0.653	0.662
173.0	0.653	0.662	0.643	0.634	0.643	0.643	0.653	0.653	0.653	0.662
173.5	0.662	0.662	0.634	0.634	0.643	0.643	0.653	0.653	0.653	0.662
174.0	0.662	0.634	0.624	0.634	0.643	0.653	0.653	0.653	0.653	0.653
174.5	0.605	0.614	0.624	0.634	0.643	0.653	0.653	0.653	0.662	0.662
175.0	0.614	0.614	0.624	0.634	0.643	0.653	0.653	0.653	0.662	0.662
175.5	0.624	0.624	0.634	0.643	0.643	0.653	0.653	0.653	0.653	0.662
176.0	0.634	0.634	0.634	0.643	0.643	0.653	0.653	0.653	0.662	0.662
176.5	0.634	0.634	0.643	0.643	0.653	0.653	0.653	0.653	0.662	0.662
177.0	0.643	0.643	0.653	0.653	0.653	0.653	0.662	0.662	0.662	0.662
177.5	0.653	0.653	0.653	0.653	0.653	0.662	0.662	0.662	0.662	0.662
178.0	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662
178.5	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.672	0.672	0.672
179.0	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672
179.5	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	200	210	220	230	240	250	260	270	280	290
0.0	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213	797.213
0.5	778.426	779.155	780.422	782.198	784.445	787.123	790.138	793.402	796.771	800.160
1.0	762.394	763.421	765.475	768.566	772.646	777.638	783.418	789.869	796.771	803.702
1.5	752.880	753.792	755.606	758.506	762.816	769.104	777.072	786.451	797.002	807.686
2.0	748.003	748.637	749.741	751.862	755.606	761.654	770.717	782.429	796.704	811.181
2.5	747.187	747.696	748.080	748.704	750.480	755.875	765.283	779.203	796.656	814.320
3.0	747.091	747.523	747.859	748.282	749.213	752.198	760.800	776.285	796.598	817.805
3.5	746.314	746.928	747.658	748.195	748.752	750.096	757.344	773.050	796.397	820.118
4.0	745.402	746.419	747.523	747.955	748.493	749.443	754.618	770.256	796.214	823.306
4.5	744.317	745.565	747.024	747.178	747.744	749.414	752.400	767.942	796.714	825.926
5.0	743.078	744.278	745.968	746.390	747.120	748.646	750.902	765.226	796.963	828.874
5.5	741.533	743.002	744.941	745.786	746.880	748.320	748.781	763.056	797.731	831.091
6.0	740.083	741.907	744.048	744.653	745.229	745.872	747.552	760.867	795.840	834.182
6.5	738.787	740.861	742.848	743.059	743.424	745.526	748.282	758.467	795.821	836.794
7.0	737.155	739.392	741.226	741.226	742.406	745.565	748.272	756.614	795.360	838.627
7.5	735.034	737.309	739.411	739.699	741.638	745.546	747.907	754.781	795.312	840.163
8.0	730.886	734.794	737.462	738.595	740.592	744.691	747.379	752.611	795.206	842.486
8.5	725.136	730.637	735.600	737.712	739.642	743.482	746.957	750.806	795.178	844.262
9.0	717.389	724.579	732.912	736.963	739.104	742.397	746.198	749.328	795.178	844.944
9.5	709.152	716.803	728.621	736.493	739.142	741.437	745.373	748.339	794.736	845.952
10.0	701.875	708.672	722.736	734.717	738.499	740.726	744.749	747.696	794.304	846.154
10.5	695.568	701.827	715.382	731.414	737.779	740.160	744.202	746.899	794.150	846.038
11.0	689.530	696.509	707.520	726.499	736.800	739.709	743.654	746.688	793.949	846.355
11.5	681.629	690.230	701.069	720.019	735.341	739.286	742.934	746.131	793.440	846.624
12.0	672.346	683.021	695.664	712.147	733.171	738.221	742.195	745.478	792.998	846.394
12.5	664.886	674.362	689.750	704.717	729.523	737.126	741.312	744.576	792.288	846.029
13.0	659.424	666.163	682.502	698.918	724.694	736.022	740.400	743.261	791.174	845.242
13.5	655.786	659.779	674.371	693.802	719.040	734.813	738.883	741.974	790.118	844.138
14.0	653.942	655.670	666.509	688.781	712.675	732.998	737.184	740.170	788.726	842.986
14.5	652.291	653.578	660.163	683.040	706.531	731.693	735.610	738.307	787.200	842.141
15.0	650.323	652.166	655.987	676.128	700.752	729.878	733.920	736.570	785.923	840.710
15.5	648.067	650.928	653.664	669.053	694.570	727.526	732.730	735.226	784.435	838.790
16.0	645.542	649.094	652.262	662.467	688.099	723.869	731.309	732.998	782.726	836.688
16.5	644.045	647.770	650.861	657.005	682.531	718.886	730.032	731.146	780.682	835.027
17.0	642.355	646.474	649.632	653.136	677.683	712.963	728.794	729.274	778.464	833.472
17.5	640.944	645.082	647.981	650.448	672.883	706.339	727.382	727.738	776.246	831.936
18.0	639.888	642.566	646.339	648.480	667.354	699.658	725.443	726.730	773.971	830.448
18.5	637.776	640.752	644.534	647.078	661.267	694.531	723.350	725.482	771.475	828.854
19.0	633.763	639.024	642.816	645.667	655.325	690.941	720.979	724.320	768.826	827.386
19.5	629.309	635.942	640.339	644.333	650.765	687.082	718.195	723.178	766.867	826.378
20.0	625.382	631.142	638.314	642.442	647.165	682.877	714.950	721.718	764.582	825.101
20.5	622.810	626.496	635.827	639.610	644.842	678.163	711.696	720.048	762.010	823.766
21.0	621.427	623.270	633.542	637.267	642.912	671.299	708.576	718.378	759.475	822.374
21.5	619.978	621.341	630.653	635.194	640.291	663.840	705.158	716.630	756.912	820.858
22.0	617.827	619.949	626.822	633.715	637.344	657.590	702.538	714.528	754.330	819.034
22.5	614.995	618.576	623.021	631.718	635.040	652.435	700.531	712.771	751.747	817.258
23.0	612.662	617.117	619.507	629.693	632.006	648.000	698.342	710.294	748.944	815.328
23.5	611.597	615.504	616.656	627.456	629.434	644.794	696.086	707.731	746.458	813.024
24.0	610.512	613.603	615.590	625.085	627.370	641.750	693.053	705.072	743.856	810.547
24.5	609.005	611.818	614.448	622.070	625.930	638.294	689.021	702.614	740.506	808.474
25.0	607.238	610.464	613.056	618.902	624.336	635.309	683.990	700.358	737.923	806.554
25.5	604.291	609.005	611.539	615.197	622.934	631.267	678.730	698.986	735.331	804.902
26.0	597.101	607.834	610.474	612.403	621.235	627.734	673.498	697.728	732.739	802.982

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CANDELA TABULATION - (Cont.)

26.5	587.011	605.866	609.926	610.608	619.363	624.048	667.987	696.038	729.917	800.294
27.0	574.723	600.106	609.245	608.515	617.232	620.803	662.362	693.782	726.682	797.347
27.5	562.128	590.323	608.362	607.920	615.552	618.240	657.552	691.536	722.362	792.979
28.0	548.544	578.621	607.123	607.392	613.507	616.166	653.971	688.445	717.542	786.509
28.5	534.941	566.362	603.658	607.075	611.107	614.678	651.571	685.306	711.523	777.955
29.0	521.088	553.949	596.611	605.789	609.206	613.392	649.094	681.331	704.381	767.798
29.5	505.814	542.035	586.858	603.763	607.171	612.384	645.504	677.040	696.730	758.064
30.0	489.418	529.718	576.278	601.277	604.973	611.549	640.973	672.413	689.578	749.798
30.5	474.624	516.778	565.478	598.243	602.707	610.243	635.366	666.950	683.856	743.194
31.0	463.555	503.136	554.093	595.037	600.749	607.728	629.395	661.382	679.190	736.896
31.5	457.853	488.650	542.429	591.466	598.781	604.704	622.637	655.114	675.216	733.286
32.0	455.270	475.354	530.726	584.112	596.582	601.555	615.312	650.659	671.587	732.134
32.5	452.064	465.600	518.890	575.309	593.568	598.272	607.430	647.827	668.573	732.288
33.0	449.424	459.130	506.275	565.325	590.131	594.211	600.192	645.715	666.394	732.778
33.5	446.832	454.368	492.864	555.658	586.685	589.661	593.174	643.814	665.011	732.480
34.0	444.365	450.250	479.722	546.653	583.565	584.611	587.482	641.645	663.043	729.581
34.5	441.955	446.966	468.115	538.454	579.494	579.936	582.470	639.418	659.520	724.378
35.0	438.509	444.605	459.773	528.019	573.629	575.069	578.400	635.712	654.710	717.946
35.5	435.504	442.243	454.483	516.173	566.429	569.894	574.406	631.334	649.085	710.592
36.0	432.816	439.651	450.086	504.317	558.509	565.574	570.797	626.803	642.672	703.872
36.5	429.197	437.510	444.778	492.288	550.061	562.090	567.014	622.387	636.941	697.373
37.0	424.627	434.352	439.680	480.701	541.555	558.365	562.454	617.366	631.258	692.189
37.5	413.040	430.282	436.166	470.592	534.355	554.314	557.846	611.030	626.794	687.571
38.0	397.603	427.133	433.411	461.875	528.394	550.397	553.008	604.646	621.802	682.445
38.5	385.392	422.093	430.310	453.619	522.835	546.125	547.728	599.808	615.686	676.118
39.0	380.390	413.635	427.046	445.248	515.050	541.354	542.602	595.363	609.542	669.379
39.5	379.334	402.106	424.349	437.203	505.066	536.448	536.842	591.034	604.032	661.469
40.0	378.346	392.122	421.248	430.147	493.286	532.330	530.890	586.512	598.598	652.800
40.5	376.032	384.941	415.181	423.379	480.787	528.106	524.813	581.184	594.394	644.362
41.0	373.056	378.259	407.434	417.773	468.538	523.027	519.533	574.579	591.456	637.450
41.5	370.387	374.006	399.427	413.443	457.200	518.275	514.502	565.526	588.787	631.392
42.0	366.557	371.414	391.632	409.344	447.648	513.187	509.789	556.589	584.688	625.661
42.5	362.822	368.486	384.422	406.147	439.200	506.995	506.054	547.200	578.323	621.898
43.0	355.238	364.781	378.029	402.307	431.395	499.795	503.539	538.982	570.365	619.373
43.5	343.613	361.296	371.856	396.058	423.715	492.067	500.438	531.590	562.291	616.589
44.0	332.410	355.546	365.299	389.558	417.168	483.850	495.763	525.514	555.638	611.933
44.5	324.182	347.366	360.154	383.750	410.928	475.699	491.453	521.203	549.043	604.349
45.0	313.786	336.710	356.304	377.510	404.861	468.701	486.163	516.854	541.498	595.411
45.5	302.947	327.389	350.717	372.336	399.581	461.443	480.317	512.122	532.992	585.014
46.0	294.749	318.518	344.995	366.154	394.080	451.997	474.154	508.493	526.358	574.781
46.5	287.558	311.232	340.109	358.291	388.301	440.832	466.675	502.090	522.144	563.722
47.0	278.582	300.941	335.021	350.822	381.811	430.781	457.584	494.486	517.229	553.795
47.5	269.712	289.066	328.358	345.158	373.920	420.989	448.013	487.488	512.054	546.403
48.0	263.270	278.995	320.074	339.869	366.432	413.126	440.102	480.778	509.251	543.446
48.5	258.346	275.117	311.338	333.600	360.163	407.069	434.026	473.165	511.354	545.616
49.0	253.680	270.202	302.534	326.246	354.096	401.232	429.226	466.339	513.946	551.491
49.5	249.062	263.731	296.467	319.075	347.482	394.042	425.472	459.907	511.939	551.981
50.0	244.070	258.010	287.606	313.008	340.541	385.670	421.546	455.885	498.422	544.061
50.5	234.557	253.699	276.586	308.995	334.694	376.742	419.837	450.288	482.198	528.874
51.0	225.850	250.358	269.203	304.349	331.834	367.469	420.557	438.125	471.821	516.749
51.5	219.830	244.003	265.699	296.496	327.850	360.211	419.568	424.800	464.592	515.712
52.0	212.851	236.842	262.925	290.880	318.854	356.179	413.654	417.187	454.781	511.738
52.5	207.475	226.925	259.699	285.552	309.389	353.059	404.630	414.144	443.232	495.706
53.0	201.917	219.456	253.795	278.246	301.594	348.048	396.662	407.664	432.672	476.467
53.5	194.755	212.534	242.131	270.595	295.786	342.787	389.405	396.710	428.362	461.280
54.0	182.170	204.749	232.426	262.291	292.906	336.115	381.811	382.397	425.770	451.795

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CANDELA TABULATION - (Cont.)

54.5	169.853	196.666	225.763	257.290	291.274	325.718	377.530	370.243	425.386	444.490
55.0	161.501	188.832	219.005	256.147	289.094	314.899	376.003	366.038	417.878	439.699
55.5	153.782	183.926	208.426	250.330	285.283	304.330	370.387	361.862	408.950	436.598
56.0	146.035	178.186	204.278	238.848	278.006	295.824	356.717	362.179	399.091	433.882
56.5	138.125	169.507	201.984	227.770	268.061	290.304	339.322	364.493	391.315	430.992
57.0	131.875	160.061	192.970	221.635	257.894	287.002	326.621	362.573	388.445	428.525
57.5	129.648	150.336	181.747	215.587	248.909	288.038	317.491	348.547	385.978	423.782
58.0	127.488	141.629	173.414	209.405	241.478	286.474	308.256	336.067	377.117	413.971
58.5	118.051	134.208	168.605	203.155	233.952	280.781	299.376	328.675	368.381	402.979
59.0	110.256	129.686	161.798	194.794	227.866	273.312	290.822	322.589	369.581	396.768
59.5	106.406	125.386	153.101	184.848	223.402	262.896	290.746	313.066	372.182	392.362
60.0	101.866	121.296	146.198	177.024	221.712	255.946	288.854	299.990	368.352	383.126
60.5	93.850	116.179	139.114	168.614	216.768	245.491	282.864	294.528	352.982	369.197
61.0	82.253	113.971	130.838	162.422	210.634	234.442	273.014	289.325	331.565	357.053
61.5	71.030	109.037	123.648	160.579	207.974	230.966	262.733	283.094	319.478	354.739
62.0	66.115	100.051	119.741	155.347	200.342	232.570	252.979	279.638	316.838	354.854
62.5	64.426	89.712	117.734	148.042	187.027	230.659	246.096	279.859	312.470	348.835
63.0	60.010	79.392	113.290	141.677	177.014	222.682	237.715	280.195	295.536	336.048
63.5	55.526	73.738	106.195	135.216	170.362	210.509	230.064	276.989	278.822	324.374
64.0	50.266	69.725	95.472	128.323	165.696	193.709	224.083	272.074	267.235	304.118
64.5	47.088	64.858	87.408	123.043	160.685	180.557	220.349	256.282	264.086	288.970
65.0	42.634	59.971	87.110	118.656	154.051	168.422	215.261	242.131	266.256	276.643
65.5	35.453	56.621	80.726	114.749	147.542	159.235	208.819	230.333	261.667	269.386
66.0	27.763	51.370	72.778	108.806	140.746	156.470	195.773	227.741	248.131	264.096
66.5	20.544	47.242	65.501	97.162	134.851	152.390	189.648	221.664	244.445	255.350
67.0	18.077	39.744	61.114	86.035	128.554	148.387	189.187	209.654	240.643	245.626
67.5	17.568	36.365	53.866	78.086	119.386	146.016	183.869	202.416	228.653	247.354
68.0	16.915	31.747	46.378	72.202	116.448	143.760	170.947	199.834	221.059	247.306
68.5	16.589	26.285	45.178	68.534	113.462	141.888	156.115	196.973	211.613	237.437
69.0	15.706	19.882	43.440	67.114	102.336	139.565	149.894	187.776	203.923	230.198
69.5	14.659	16.291	39.120	64.502	92.669	135.178	146.198	182.486	194.362	211.450
70.0	13.661	15.398	32.726	63.485	86.880	125.443	142.310	173.299	186.374	193.210
70.5	12.662	14.803	30.163	58.512	81.994	117.859	138.154	164.112	179.098	181.037
71.0	11.683	14.131	29.165	53.827	77.434	108.653	135.667	154.925	171.197	167.347
71.5	10.502	13.392	24.038	45.850	69.754	95.203	134.813	145.738	163.315	163.958
72.0	9.264	12.653	21.456	41.462	62.198	84.182	121.786	136.522	155.808	160.829
72.5	8.429	12.163	18.586	36.490	58.051	79.901	112.723	126.778	148.166	154.637
73.0	7.584	11.136	15.782	32.054	54.806	77.357	104.947	117.821	139.594	148.742
73.5	6.518	9.869	12.989	28.608	51.341	74.122	90.067	120.989	127.699	142.906
74.0	5.635	8.822	10.138	24.374	47.222	67.594	77.693	110.006	118.128	137.280
74.5	5.184	7.978	9.158	21.053	43.354	65.462	71.731	101.376	112.954	124.541
75.0	4.858	7.133	8.659	18.058	37.584	63.024	66.547	97.440	109.402	114.259
75.5	4.474	6.125	8.371	16.176	31.690	58.992	63.974	92.976	105.139	110.074
76.0	4.042	5.251	7.354	14.803	26.294	53.155	63.514	83.078	96.134	107.059
76.5	3.667	4.704	6.710	13.258	23.424	47.184	58.886	72.931	95.328	103.987
77.0	3.274	4.176	6.134	11.760	22.368	40.589	55.219	67.286	87.734	99.101
77.5	2.870	3.715	5.510	10.272	19.738	33.331	48.854	65.923	79.325	92.218
78.0	2.525	3.398	4.925	9.005	17.165	27.552	48.374	54.586	73.546	86.102
78.5	2.131	2.995	4.464	7.354	14.506	23.942	45.005	50.477	69.485	79.402
79.0	1.757	2.640	4.061	6.058	11.798	23.117	40.080	49.766	64.272	71.683
79.5	1.430	2.323	3.533	5.501	9.187	22.742	33.370	53.107	58.099	69.302
80.0	1.181	1.958	3.130	5.002	7.286	20.669	30.547	42.326	55.805	67.565
80.5	0.960	1.661	2.717	4.493	6.461	18.038	29.117	35.933	55.622	60.960
81.0	0.797	1.402	2.333	3.974	6.154	15.590	26.016	32.784	46.589	54.902
81.5	0.653	1.181	2.026	3.562	5.885	13.114	20.563	33.043	37.786	48.096
82.0	0.547	0.989	1.747	3.139	5.482	10.608	18.154	31.555	34.320	40.877

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82.5	0.442	0.826	1.526	2.746	4.752	8.074	15.648	24.442	30.691	35.827
83.0	0.355	0.701	1.344	2.429	4.051	6.374	13.104	21.533	28.867	34.406
83.5	0.278	0.605	1.133	2.131	3.619	5.491	10.541	18.614	24.422	28.368
84.0	0.202	0.499	0.970	1.872	3.216	5.021	8.227	15.706	21.235	23.213
84.5	0.154	0.413	0.845	1.651	2.822	4.877	7.190	12.787	18.048	20.832
85.0	0.106	0.336	0.758	1.459	2.458	4.243	6.394	9.917	14.870	18.509
85.5	0.077	0.269	0.662	1.286	2.160	3.648	5.549	8.400	11.626	16.157
86.0	0.048	0.221	0.566	1.123	1.930	3.235	5.011	7.219	8.851	13.795
86.5	0.029	0.173	0.480	0.989	1.757	2.851	4.454	6.048	7.968	11.434
87.0	0.029	0.134	0.413	0.874	1.603	2.544	3.811	5.222	6.528	9.571
87.5	0.029	0.106	0.346	0.768	1.440	2.314	3.418	4.531	5.750	8.410
88.0	0.029	0.077	0.298	0.682	1.286	2.150	3.062	4.032	5.088	7.565
88.5	0.029	0.067	0.250	0.595	1.133	2.006	2.794	3.638	4.541	6.806
89.0	0.029	0.058	0.211	0.528	1.008	1.805	2.563	3.322	4.138	6.154
89.5	0.038	0.048	0.173	0.470	0.912	1.603	2.362	3.034	3.811	5.587
90.0	0.038	0.048	0.154	0.422	0.816	1.478	2.141	2.755	3.456	5.088
90.5	0.038	0.048	0.134	0.374	0.739	1.373	1.987	2.496	3.130	4.608
91.0	0.038	0.048	0.115	0.326	0.672	1.258	1.834	2.333	2.890	4.214
91.5	0.038	0.048	0.106	0.298	0.624	1.142	1.699	2.198	2.698	3.888
92.0	0.048	0.048	0.096	0.259	0.566	1.046	1.584	2.054	2.515	3.523
92.5	0.048	0.048	0.096	0.240	0.518	0.979	1.469	1.891	2.333	3.235
93.0	0.048	0.048	0.086	0.221	0.470	0.893	1.402	1.709	2.189	2.947
93.5	0.048	0.048	0.086	0.202	0.432	0.816	1.334	1.574	2.035	2.650
94.0	0.058	0.048	0.086	0.182	0.384	0.749	1.219	1.450	1.891	2.371
94.5	0.058	0.058	0.086	0.173	0.355	0.672	1.094	1.344	1.766	2.141
95.0	0.058	0.058	0.086	0.163	0.326	0.614	0.960	1.248	1.651	1.930
95.5	0.067	0.058	0.086	0.154	0.307	0.557	0.854	1.133	1.488	1.766
96.0	0.067	0.058	0.086	0.154	0.288	0.518	0.778	1.037	1.354	1.622
96.5	0.067	0.067	0.086	0.144	0.269	0.470	0.710	0.950	1.248	1.488
97.0	0.077	0.067	0.086	0.144	0.250	0.432	0.662	0.864	1.142	1.363
97.5	0.077	0.067	0.086	0.144	0.240	0.403	0.614	0.797	1.046	1.258
98.0	0.077	0.077	0.086	0.134	0.230	0.384	0.566	0.739	0.960	1.162
98.5	0.086	0.077	0.086	0.134	0.221	0.355	0.528	0.682	0.883	1.075
99.0	0.086	0.077	0.086	0.134	0.211	0.336	0.499	0.634	0.816	0.998
99.5	0.086	0.086	0.086	0.134	0.211	0.317	0.461	0.595	0.758	0.922
100.0	0.096	0.086	0.086	0.125	0.202	0.298	0.442	0.557	0.701	0.854
100.5	0.096	0.096	0.086	0.125	0.192	0.278	0.413	0.518	0.653	0.787
101.0	0.106	0.096	0.096	0.115	0.182	0.269	0.384	0.490	0.605	0.730
101.5	0.106	0.096	0.096	0.115	0.173	0.250	0.365	0.461	0.566	0.672
102.0	0.106	0.106	0.096	0.115	0.163	0.240	0.346	0.432	0.518	0.624
102.5	0.115	0.106	0.106	0.115	0.163	0.230	0.326	0.403	0.480	0.566
103.0	0.115	0.106	0.106	0.115	0.154	0.221	0.307	0.374	0.451	0.528
103.5	0.125	0.115	0.106	0.115	0.144	0.202	0.298	0.355	0.422	0.490
104.0	0.125	0.115	0.115	0.115	0.144	0.192	0.278	0.336	0.394	0.451
104.5	0.134	0.125	0.115	0.115	0.134	0.182	0.269	0.317	0.365	0.413
105.0	0.134	0.125	0.125	0.115	0.134	0.173	0.250	0.307	0.346	0.384
105.5	0.134	0.134	0.125	0.115	0.134	0.163	0.240	0.288	0.317	0.355
106.0	0.144	0.134	0.125	0.125	0.125	0.154	0.221	0.269	0.298	0.326
106.5	0.144	0.134	0.134	0.125	0.125	0.154	0.211	0.259	0.288	0.307
107.0	0.154	0.144	0.134	0.134	0.134	0.144	0.192	0.240	0.269	0.278
107.5	0.154	0.144	0.144	0.134	0.134	0.144	0.182	0.221	0.240	0.259
108.0	0.163	0.154	0.144	0.144	0.134	0.144	0.182	0.211	0.221	0.230
108.5	0.163	0.154	0.154	0.144	0.134	0.144	0.173	0.192	0.211	0.211
109.0	0.173	0.163	0.154	0.144	0.144	0.144	0.163	0.182	0.192	0.202
109.5	0.173	0.163	0.163	0.154	0.144	0.144	0.154	0.173	0.182	0.192
110.0	0.182	0.173	0.163	0.154	0.154	0.144	0.154	0.163	0.173	0.173

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110.5	0.182	0.173	0.173	0.163	0.154	0.154	0.154	0.154	0.163	0.163
111.0	0.182	0.182	0.173	0.163	0.163	0.154	0.154	0.154	0.154	0.154
111.5	0.192	0.182	0.182	0.173	0.163	0.163	0.154	0.154	0.154	0.144
112.0	0.192	0.192	0.182	0.173	0.173	0.163	0.154	0.154	0.144	0.144
112.5	0.202	0.192	0.182	0.182	0.173	0.173	0.163	0.154	0.144	0.144
113.0	0.202	0.192	0.192	0.182	0.182	0.173	0.163	0.163	0.154	0.144
113.5	0.202	0.202	0.192	0.192	0.182	0.173	0.173	0.163	0.154	0.144
114.0	0.211	0.202	0.202	0.192	0.192	0.182	0.173	0.173	0.163	0.154
114.5	0.211	0.211	0.202	0.202	0.192	0.182	0.182	0.173	0.163	0.154
115.0	0.221	0.211	0.202	0.202	0.192	0.192	0.182	0.173	0.163	0.154
115.5	0.221	0.211	0.211	0.202	0.202	0.192	0.182	0.182	0.173	0.163
116.0	0.221	0.221	0.211	0.211	0.202	0.202	0.192	0.182	0.173	0.163
116.5	0.230	0.221	0.221	0.211	0.211	0.202	0.192	0.182	0.173	0.163
117.0	0.230	0.230	0.221	0.211	0.211	0.202	0.202	0.192	0.182	0.173
117.5	0.240	0.230	0.221	0.221	0.211	0.211	0.202	0.192	0.182	0.173
118.0	0.240	0.230	0.230	0.221	0.221	0.211	0.202	0.192	0.182	0.173
118.5	0.240	0.240	0.230	0.230	0.221	0.211	0.211	0.202	0.192	0.182
119.0	0.250	0.240	0.240	0.230	0.221	0.221	0.211	0.202	0.192	0.182
119.5	0.250	0.250	0.240	0.240	0.230	0.221	0.211	0.211	0.202	0.182
120.0	0.259	0.250	0.240	0.240	0.230	0.230	0.221	0.211	0.202	0.192
120.5	0.259	0.250	0.250	0.240	0.240	0.230	0.221	0.211	0.202	0.192
121.0	0.269	0.259	0.250	0.250	0.240	0.230	0.230	0.221	0.211	0.192
121.5	0.269	0.259	0.259	0.250	0.240	0.240	0.230	0.221	0.211	0.202
122.0	0.269	0.269	0.259	0.259	0.250	0.240	0.230	0.221	0.211	0.202
122.5	0.278	0.269	0.269	0.259	0.250	0.250	0.240	0.230	0.221	0.211
123.0	0.278	0.278	0.269	0.259	0.259	0.250	0.240	0.230	0.221	0.211
123.5	0.288	0.278	0.269	0.269	0.259	0.250	0.250	0.240	0.230	0.211
124.0	0.288	0.288	0.278	0.269	0.269	0.259	0.250	0.240	0.230	0.221
124.5	0.298	0.288	0.278	0.278	0.269	0.259	0.250	0.240	0.230	0.221
125.0	0.298	0.288	0.288	0.278	0.269	0.269	0.259	0.250	0.240	0.230
125.5	0.307	0.298	0.288	0.288	0.278	0.269	0.259	0.250	0.240	0.230
126.0	0.307	0.307	0.298	0.288	0.278	0.278	0.269	0.259	0.250	0.240
126.5	0.317	0.307	0.298	0.298	0.288	0.278	0.269	0.259	0.250	0.240
127.0	0.326	0.317	0.307	0.298	0.288	0.288	0.278	0.269	0.259	0.240
127.5	0.326	0.317	0.307	0.307	0.298	0.288	0.278	0.269	0.259	0.250
128.0	0.336	0.326	0.317	0.307	0.298	0.298	0.288	0.278	0.259	0.250
128.5	0.346	0.336	0.326	0.317	0.307	0.298	0.288	0.278	0.269	0.259
129.0	0.355	0.346	0.326	0.317	0.317	0.307	0.298	0.288	0.278	0.269
129.5	0.365	0.346	0.336	0.326	0.317	0.307	0.298	0.288	0.278	0.269
130.0	0.365	0.355	0.346	0.336	0.326	0.317	0.307	0.298	0.288	0.278
130.5	0.374	0.365	0.355	0.346	0.336	0.326	0.307	0.298	0.288	0.278
131.0	0.384	0.374	0.365	0.355	0.336	0.326	0.317	0.307	0.298	0.288
131.5	0.394	0.384	0.365	0.355	0.346	0.336	0.326	0.317	0.307	0.298
132.0	0.403	0.384	0.374	0.365	0.355	0.346	0.336	0.317	0.307	0.298
132.5	0.413	0.394	0.384	0.374	0.365	0.355	0.336	0.326	0.317	0.307
133.0	0.422	0.403	0.394	0.384	0.374	0.365	0.346	0.336	0.326	0.317
133.5	0.432	0.413	0.403	0.394	0.384	0.365	0.355	0.346	0.336	0.326
134.0	0.442	0.422	0.413	0.403	0.384	0.374	0.365	0.346	0.346	0.326
134.5	0.451	0.432	0.422	0.403	0.394	0.384	0.374	0.355	0.346	0.336
135.0	0.461	0.442	0.432	0.413	0.403	0.394	0.374	0.365	0.355	0.346
135.5	0.470	0.451	0.432	0.422	0.413	0.403	0.384	0.374	0.365	0.355
136.0	0.480	0.461	0.442	0.432	0.422	0.413	0.394	0.384	0.374	0.365
136.5	0.490	0.470	0.461	0.442	0.432	0.413	0.403	0.394	0.384	0.374
137.0	0.499	0.480	0.470	0.451	0.442	0.422	0.413	0.403	0.394	0.374
137.5	0.509	0.490	0.480	0.461	0.451	0.432	0.422	0.413	0.394	0.384
138.0	0.518	0.499	0.490	0.470	0.461	0.442	0.432	0.413	0.403	0.394

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138.5	0.528	0.509	0.499	0.480	0.470	0.451	0.442	0.422	0.413	0.403
139.0	0.538	0.518	0.509	0.490	0.480	0.461	0.451	0.432	0.422	0.413
139.5	0.547	0.528	0.518	0.499	0.490	0.470	0.461	0.442	0.432	0.422
140.0	0.557	0.538	0.528	0.509	0.499	0.480	0.470	0.451	0.442	0.432
140.5	0.557	0.547	0.538	0.518	0.509	0.490	0.480	0.461	0.451	0.442
141.0	0.566	0.557	0.547	0.528	0.518	0.499	0.490	0.470	0.461	0.451
141.5	0.576	0.566	0.547	0.538	0.528	0.509	0.499	0.480	0.470	0.461
142.0	0.586	0.576	0.557	0.547	0.538	0.518	0.499	0.490	0.480	0.470
142.5	0.595	0.586	0.566	0.557	0.538	0.528	0.509	0.499	0.490	0.480
143.0	0.605	0.586	0.576	0.566	0.547	0.538	0.518	0.509	0.499	0.490
143.5	0.605	0.595	0.586	0.576	0.557	0.547	0.528	0.518	0.509	0.499
144.0	0.614	0.605	0.595	0.576	0.566	0.557	0.538	0.528	0.518	0.499
144.5	0.624	0.614	0.605	0.586	0.576	0.557	0.547	0.528	0.518	0.509
145.0	0.634	0.624	0.605	0.595	0.586	0.566	0.557	0.538	0.528	0.518
145.5	0.634	0.624	0.614	0.605	0.586	0.576	0.557	0.547	0.538	0.528
146.0	0.634	0.634	0.624	0.614	0.595	0.586	0.566	0.557	0.547	0.538
146.5	0.643	0.653	0.634	0.614	0.605	0.595	0.576	0.566	0.557	0.547
147.0	0.653	0.739	0.643	0.624	0.614	0.595	0.586	0.566	0.557	0.547
147.5	0.662	0.768	0.682	0.634	0.624	0.605	0.595	0.576	0.566	0.557
148.0	0.672	0.701	0.720	0.634	0.624	0.614	0.595	0.586	0.576	0.566
148.5	0.672	0.672	0.701	0.634	0.634	0.614	0.605	0.595	0.586	0.576
149.0	0.682	0.682	0.672	0.643	0.643	0.624	0.614	0.595	0.586	0.576
149.5	0.682	0.682	0.672	0.653	0.643	0.634	0.614	0.605	0.595	0.586
150.0	0.682	0.682	0.672	0.662	0.653	0.634	0.624	0.614	0.605	0.595
150.5	0.691	0.682	0.682	0.672	0.653	0.643	0.634	0.614	0.605	0.595
151.0	0.691	0.691	0.682	0.672	0.662	0.653	0.634	0.624	0.614	0.605
151.5	0.691	0.691	0.682	0.672	0.662	0.653	0.643	0.634	0.624	0.614
152.0	0.701	0.691	0.691	0.682	0.672	0.662	0.643	0.634	0.624	0.614
152.5	0.701	0.691	0.691	0.682	0.672	0.662	0.653	0.643	0.634	0.624
153.0	0.701	0.701	0.691	0.682	0.672	0.672	0.653	0.643	0.634	0.624
153.5	0.710	0.701	0.701	0.691	0.682	0.672	0.662	0.653	0.643	0.634
154.0	0.710	0.701	0.701	0.691	0.682	0.672	0.662	0.653	0.643	0.634
154.5	0.710	0.710	0.701	0.691	0.682	0.691	0.682	0.662	0.653	0.643
155.0	0.710	0.710	0.710	0.701	0.691	0.701	0.710	0.672	0.662	0.643
155.5	0.710	0.710	0.710	0.701	0.691	0.701	0.739	0.691	0.672	0.653
156.0	0.710	0.710	0.710	0.701	0.701	0.691	0.720	0.739	0.682	0.653
156.5	0.710	0.710	0.710	0.691	0.730	0.701	0.710	0.797	0.701	0.662
157.0	0.710	0.710	0.710	0.691	0.778	0.749	0.710	0.826	0.710	0.662
157.5	0.710	0.710	0.710	0.701	0.797	0.797	0.701	0.787	0.701	0.672
158.0	0.710	0.710	0.710	0.710	0.758	0.797	0.691	0.720	0.691	0.682
158.5	0.710	0.710	0.710	0.710	0.720	0.739	0.691	0.691	0.682	0.682
159.0	0.710	0.710	0.710	0.710	0.710	0.701	0.691	0.691	0.682	0.682
159.5	0.710	0.710	0.710	0.701	0.701	0.701	0.691	0.691	0.682	0.682
160.0	0.710	0.701	0.701	0.701	0.701	0.701	0.691	0.691	0.682	0.682
160.5	0.710	0.710	0.701	0.701	0.701	0.701	0.691	0.691	0.682	0.682
161.0	0.710	0.710	0.701	0.701	0.701	0.701	0.691	0.691	0.682	0.682
161.5	0.710	0.710	0.701	0.701	0.701	0.701	0.691	0.691	0.682	0.682
162.0	0.710	0.710	0.710	0.701	0.701	0.691	0.691	0.691	0.682	0.682
162.5	0.710	0.710	0.710	0.701	0.701	0.691	0.691	0.691	0.682	0.682
163.0	0.710	0.710	0.710	0.701	0.701	0.701	0.691	0.691	0.691	0.682
163.5	0.710	0.710	0.710	0.701	0.701	0.701	0.691	0.691	0.691	0.682
164.0	0.710	0.710	0.710	0.701	0.701	0.701	0.691	0.691	0.691	0.691
164.5	0.710	0.710	0.710	0.710	0.701	0.701	0.701	0.691	0.691	0.691
165.0	0.701	0.710	0.710	0.710	0.701	0.701	0.701	0.701	0.701	0.691
165.5	0.701	0.710	0.710	0.710	0.701	0.701	0.701	0.701	0.701	0.701
166.0	0.701	0.701	0.710	0.710	0.701	0.701	0.701	0.701	0.701	0.701

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CANDELA TABULATION - (Cont.)

166.5	0.691	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701
167.0	0.691	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701
167.5	0.691	0.691	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701
168.0	0.682	0.691	0.691	0.691	0.701	0.701	0.701	0.701	0.701	0.701
168.5	0.682	0.682	0.691	0.691	0.691	0.691	0.701	0.701	0.701	0.701
169.0	0.682	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
169.5	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691
170.0	0.682	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
170.5	0.682	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
171.0	0.682	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
171.5	0.682	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
172.0	0.672	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
172.5	0.672	0.682	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.701
173.0	0.672	0.672	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.701
173.5	0.662	0.672	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691
174.0	0.662	0.672	0.672	0.682	0.682	0.691	0.691	0.691	0.691	0.691
174.5	0.662	0.662	0.672	0.672	0.682	0.682	0.691	0.691	0.691	0.691
175.0	0.662	0.662	0.662	0.672	0.682	0.682	0.682	0.682	0.691	0.691
175.5	0.662	0.662	0.662	0.672	0.672	0.682	0.682	0.682	0.682	0.682
176.0	0.662	0.662	0.662	0.662	0.672	0.672	0.672	0.682	0.682	0.682
176.5	0.662	0.662	0.672	0.672	0.672	0.672	0.672	0.672	0.682	0.682
177.0	0.662	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.682	0.682
177.5	0.662	0.672	0.672	0.672	0.672	0.672	0.682	0.682	0.682	0.682
178.0	0.662	0.672	0.672	0.672	0.672	0.672	0.682	0.682	0.682	0.682
178.5	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.682	0.682	0.682
179.0	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.682	0.682
179.5	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.682
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	797.213	797.213	797.213	797.213	797.213	797.213	797.213
0.5	803.434	806.477	809.194	811.498	813.350	814.704	815.520
1.0	810.307	816.221	821.203	825.197	828.163	830.227	831.504
1.5	817.488	825.514	831.648	836.006	838.886	840.586	841.459
2.0	823.709	833.597	840.307	844.253	846.307	847.056	847.123
2.5	829.094	839.251	845.194	848.650	850.051	850.176	850.080
3.0	833.942	843.686	848.640	851.232	851.818	851.606	851.501
3.5	837.821	846.566	851.386	852.634	852.701	852.614	852.355
4.0	840.922	848.890	852.067	852.720	852.979	853.171	852.922
4.5	843.907	851.002	852.288	852.442	853.027	853.277	853.171
5.0	845.827	851.875	852.730	852.355	852.922	852.864	852.806
5.5	846.787	851.232	852.307	852.173	852.614	852.106	851.875
6.0	848.371	850.666	851.856	851.837	852.144	851.242	850.915
6.5	849.638	850.570	851.309	851.386	851.530	850.819	850.166
7.0	851.635	850.618	851.069	851.126	851.318	851.030	849.859
7.5	852.653	851.338	851.261	851.491	851.645	852.019	850.128
8.0	852.874	852.173	851.635	852.019	852.077	852.768	850.790
8.5	852.864	852.749	852.547	852.413	852.250	853.123	851.030
9.0	852.240	853.392	853.536	852.317	852.634	852.960	850.416
9.5	852.154	853.363	854.774	852.346	852.758	852.432	849.878
10.0	852.067	853.133	855.302	852.269	852.422	851.674	849.312
10.5	851.626	852.758	855.034	851.875	851.779	850.464	848.467
11.0	851.242	852.566	854.410	851.059	850.992	849.178	847.526
11.5	850.531	852.048	853.594	850.406	849.437	847.613	846.662

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12.0	849.600	850.829	852.528	849.667	847.958	846.269	846.230
12.5	848.486	849.331	850.781	849.082	846.557	845.270	846.163
13.0	847.382	848.515	849.408	848.563	845.242	844.426	846.048
13.5	846.614	847.421	848.323	847.699	844.061	843.802	846.288
14.0	845.827	846.365	847.210	846.518	843.024	843.850	845.386
14.5	844.570	845.194	845.885	845.434	842.448	843.811	843.965
15.0	843.216	843.898	844.819	844.272	842.141	842.544	842.554
15.5	841.882	842.928	843.974	842.976	841.354	840.874	841.344
16.0	840.538	841.670	842.544	842.093	840.586	839.683	841.526
16.5	839.424	840.038	840.672	841.526	839.347	839.165	842.006
17.0	838.166	838.512	838.704	841.478	837.936	839.597	842.016
17.5	836.035	837.014	836.458	840.624	836.918	840.134	841.248
18.0	833.933	835.306	834.624	838.829	836.477	840.451	839.520
18.5	831.734	833.424	833.030	837.398	836.515	839.827	837.648
19.0	829.651	831.667	830.314	835.738	836.534	837.898	835.930
19.5	828.067	829.651	828.758	834.490	836.794	835.824	834.403
20.0	826.070	827.338	826.330	833.357	836.717	833.933	833.155
20.5	824.160	825.187	824.429	831.859	835.843	832.301	831.706
21.0	822.038	823.210	823.219	830.563	833.827	830.870	830.275
21.5	820.694	821.501	822.154	829.574	831.523	829.642	829.354
22.0	818.621	819.485	820.752	828.211	829.258	828.739	828.672
22.5	816.490	817.056	820.464	826.531	827.011	828.048	827.798
23.0	814.022	814.598	818.928	824.630	824.918	827.462	826.954
23.5	811.699	812.170	816.730	822.173	823.056	826.771	826.397
24.0	809.213	809.770	813.965	819.370	822.288	826.310	826.368
24.5	806.938	807.514	812.064	816.854	822.125	825.830	825.821
25.0	804.931	806.256	810.586	814.944	822.586	825.917	823.411
25.5	802.790	804.298	809.789	814.445	823.805	825.091	818.381
26.0	800.198	802.877	809.318	814.714	824.842	821.482	809.299
26.5	797.472	801.082	807.763	814.762	823.517	813.984	797.750
27.0	793.430	797.222	804.240	814.128	818.870	802.070	785.232
27.5	788.429	791.866	799.027	810.672	809.194	788.083	773.750
28.0	781.891	784.243	792.019	803.530	796.810	774.614	765.024
28.5	773.203	775.478	783.936	793.661	785.030	764.928	758.640
29.0	763.507	767.462	775.152	783.091	773.818	759.370	756.595
29.5	753.830	759.178	766.464	772.003	765.389	756.768	755.549
30.0	745.344	751.613	759.034	761.501	760.224	755.923	755.789
30.5	737.251	744.058	753.504	754.387	758.717	755.539	753.811
31.0	731.587	737.635	750.010	751.603	759.120	754.061	750.336
31.5	728.102	733.488	749.059	750.816	759.302	750.499	745.334
32.0	725.770	732.374	748.925	751.776	756.288	745.814	738.259
32.5	724.954	732.374	747.360	751.306	748.560	738.355	730.483
33.0	725.510	731.491	744.211	747.475	737.597	731.386	723.859
33.5	726.614	728.986	739.440	740.554	726.595	727.008	717.475
34.0	725.232	724.531	733.085	733.968	718.291	722.774	711.869
34.5	720.576	718.848	726.019	727.920	713.107	717.254	706.906
35.0	713.990	711.581	719.722	721.104	709.498	709.824	702.864
35.5	706.147	704.573	714.355	714.230	704.630	702.211	699.370
36.0	698.822	698.419	710.496	707.971	697.978	695.174	696.000
36.5	692.400	694.099	708.730	699.869	691.363	689.722	692.102
37.0	686.822	690.432	707.002	692.227	685.210	686.448	687.014
37.5	681.917	687.686	701.942	686.640	680.746	683.779	679.968
38.0	678.624	685.459	694.416	680.208	676.666	680.275	670.301
38.5	676.291	681.859	686.102	673.171	671.443	674.851	659.328
39.0	672.038	678.125	677.357	664.387	666.403	666.710	648.557
39.5	664.243	672.970	669.322	657.302	661.968	658.224	639.562

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40.0	654.883	666.499	661.747	652.214	658.387	649.210	632.976
40.5	645.053	658.138	655.651	649.315	655.546	640.262	627.389
41.0	635.568	649.373	650.218	648.662	652.877	632.842	622.090
41.5	625.757	639.619	644.141	647.616	648.086	628.598	618.355
42.0	617.482	629.875	637.056	645.802	640.454	624.778	617.568
42.5	611.846	620.438	629.894	640.800	633.158	621.130	616.714
43.0	606.806	613.027	623.088	633.754	626.074	617.510	613.920
43.5	603.322	607.987	617.040	624.941	617.645	614.362	608.880
44.0	601.632	605.693	610.762	615.619	607.238	612.835	602.534
44.5	599.722	603.974	603.696	603.792	599.011	609.581	595.891
45.0	596.582	600.605	596.918	593.741	595.680	603.619	590.794
45.5	589.603	594.634	591.590	586.656	590.861	595.622	586.867
46.0	578.717	587.482	588.010	581.347	584.035	587.021	580.685
46.5	566.659	582.662	583.670	575.443	577.421	583.661	574.080
47.0	555.158	578.650	579.552	570.739	573.264	584.083	568.042
47.5	547.632	575.299	576.442	568.224	575.904	573.062	553.699
48.0	546.144	573.456	574.982	572.813	581.261	553.306	535.757
48.5	547.901	573.926	574.454	575.472	571.306	541.046	526.032
49.0	552.038	570.970	569.251	568.454	547.555	538.570	529.805
49.5	550.502	555.130	554.717	552.518	528.816	527.942	533.424
50.0	538.819	531.370	541.795	534.931	522.672	509.971	516.883
50.5	527.165	514.262	529.066	521.280	519.686	501.216	494.515
51.0	512.477	508.301	516.605	512.131	505.901	505.306	477.955
51.5	495.994	512.429	504.202	504.307	487.190	508.560	468.336
52.0	487.939	512.448	490.925	491.712	482.928	497.770	464.784
52.5	483.178	498.336	484.013	481.949	483.485	480.288	462.634
53.0	473.126	479.587	484.493	470.333	479.405	463.910	461.405
53.5	462.269	465.658	483.206	461.530	476.237	450.413	457.488
54.0	459.446	458.582	475.526	459.379	472.368	439.402	453.379
54.5	458.726	457.306	465.082	458.189	461.366	433.574	448.550
55.0	454.906	457.795	451.642	460.474	442.349	430.954	439.430
55.5	449.606	451.997	441.494	461.021	425.501	426.893	428.525
56.0	441.398	444.278	439.517	456.125	418.838	428.102	419.126
56.5	436.166	437.741	438.221	447.139	414.182	435.466	407.914
57.0	431.405	430.426	432.682	433.546	407.962	433.315	397.699
57.5	422.131	425.808	421.478	416.083	405.994	417.744	395.693
58.0	411.600	416.832	410.294	405.226	400.282	400.022	386.851
58.5	403.373	406.214	410.371	409.037	396.682	380.698	379.440
59.0	397.469	396.115	410.630	401.808	390.950	366.230	373.824
59.5	390.451	390.518	411.091	388.358	382.752	361.709	364.858
60.0	381.216	384.086	397.171	373.123	385.718	360.422	349.862
60.5	367.622	378.096	379.210	369.197	383.069	348.566	325.517
61.0	355.814	370.166	360.586	367.757	357.197	339.926	307.152
61.5	352.272	365.558	350.765	347.251	326.141	331.517	295.085
62.0	353.002	355.018	344.496	327.456	312.317	318.845	284.630
62.5	346.579	340.867	328.944	314.333	306.970	311.587	281.318
63.0	326.755	335.222	315.984	302.880	298.262	295.392	279.158
63.5	310.800	318.134	303.130	294.970	285.562	280.301	272.371
64.0	305.837	294.173	295.171	293.837	268.714	271.949	270.221
64.5	300.374	283.219	287.837	283.152	262.819	263.789	268.205
65.0	288.490	275.405	276.278	272.928	269.770	253.478	255.696
65.5	272.256	268.560	268.099	267.254	266.784	239.914	236.928
66.0	261.581	265.622	266.621	259.958	257.338	229.181	226.349
66.5	264.317	260.726	262.570	248.371	250.829	223.344	217.958
67.0	266.688	255.504	259.757	243.168	237.715	229.546	204.835
67.5	257.472	254.400	248.995	238.147	219.504	219.043	200.006

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CANDELA TABULATION - (Cont.)

68.0	242.467	242.544	237.130	224.870	207.888	197.222	190.819
68.5	230.141	235.315	224.544	215.789	203.645	190.829	181.891
69.0	218.458	223.920	213.706	201.917	195.773	182.582	168.413
69.5	206.755	208.109	200.573	191.866	181.795	176.995	160.080
70.0	193.651	197.136	184.176	185.338	170.102	164.467	154.829
70.5	183.773	185.414	179.453	174.845	164.755	158.938	146.621
71.0	179.088	175.258	174.384	165.562	161.654	152.957	133.142
71.5	174.298	169.066	162.566	159.811	152.525	146.438	125.434
72.0	167.818	165.610	157.440	153.427	143.914	139.594	122.122
72.5	159.523	159.821	151.987	146.198	135.475	134.918	114.566
73.0	151.306	152.314	146.755	139.181	126.691	126.048	111.293
73.5	142.752	144.979	141.533	130.579	120.134	104.688	101.414
74.0	134.467	137.779	136.579	125.539	114.374	100.042	89.261
74.5	125.990	127.747	132.307	122.717	106.954	98.525	84.058
75.0	120.307	117.024	119.357	118.330	105.850	90.854	77.126
75.5	115.987	111.667	108.288	104.630	102.211	90.259	74.726
76.0	112.886	109.968	103.718	95.923	91.738	89.635	73.699
76.5	106.838	106.378	99.110	89.818	84.048	73.219	71.952
77.0	94.848	98.275	94.867	86.342	78.624	67.450	64.387
77.5	89.472	90.806	86.227	82.954	72.998	64.166	61.632
78.0	90.154	85.632	81.504	81.706	71.885	64.963	58.781
78.5	83.501	80.237	80.035	72.893	67.766	62.285	55.997
79.0	75.312	72.480	71.501	64.186	57.936	58.349	53.107
79.5	74.246	67.507	64.656	59.558	54.586	53.328	50.227
80.0	67.037	63.264	60.403	55.882	52.579	50.870	47.242
80.5	59.040	59.338	53.923	52.406	51.427	48.067	43.910
81.0	55.891	52.570	54.144	48.826	48.298	45.187	41.069
81.5	48.835	48.010	46.790	46.800	44.170	42.288	38.131
82.0	43.891	45.312	41.827	42.730	41.635	39.389	35.424
82.5	41.059	39.475	39.082	39.994	39.034	36.586	32.515
83.0	36.010	35.587	36.749	37.363	36.202	33.773	29.933
83.5	31.459	32.813	34.109	33.974	33.600	30.960	27.523
84.0	28.550	30.192	31.834	31.843	31.008	28.416	25.066
84.5	25.162	27.427	28.560	29.434	28.435	26.150	22.800
85.0	21.504	25.334	25.968	27.005	26.054	23.779	20.659
85.5	19.075	23.011	23.923	24.730	23.808	21.590	18.653
86.0	17.510	20.141	21.936	22.483	21.581	19.469	16.790
86.5	15.821	18.240	19.843	20.438	19.594	17.722	14.890
87.0	14.150	16.810	18.173	18.595	17.798	15.955	13.152
87.5	12.470	15.312	16.531	16.867	16.003	14.198	11.587
88.0	11.030	13.824	14.890	15.130	14.208	12.432	10.109
88.5	9.936	12.326	13.248	13.392	12.403	10.694	8.650
89.0	8.957	10.982	11.616	11.635	10.704	9.178	7.382
89.5	8.064	9.811	10.406	10.109	9.331	7.872	6.365
90.0	7.258	8.698	9.168	8.861	7.987	6.701	5.347
90.5	6.470	7.728	8.016	7.718	6.806	5.635	4.339
91.0	5.741	6.893	6.941	6.624	5.779	4.656	3.331
91.5	5.098	6.115	5.981	5.530	4.810	3.830	2.736
92.0	4.531	5.338	5.098	4.550	3.965	3.091	2.381
92.5	4.013	4.627	4.349	3.821	3.254	2.630	2.141
93.0	3.552	4.003	3.696	3.254	2.755	2.323	1.958
93.5	3.149	3.466	3.158	2.784	2.419	2.122	1.805
94.0	2.784	2.995	2.755	2.438	2.179	1.958	1.661
94.5	2.458	2.602	2.448	2.198	2.016	1.834	1.536
95.0	2.179	2.304	2.189	2.026	1.882	1.709	1.430
95.5	1.958	2.083	1.978	1.872	1.766	1.594	1.325

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CANDELA TABULATION - (Cont.)

96.0	1.776	1.891	1.834	1.747	1.661	1.478	1.229
96.5	1.622	1.747	1.709	1.642	1.555	1.363	1.133
97.0	1.498	1.622	1.594	1.546	1.459	1.258	1.046
97.5	1.392	1.507	1.498	1.450	1.354	1.152	0.970
98.0	1.296	1.402	1.392	1.354	1.248	1.056	0.883
98.5	1.210	1.306	1.296	1.258	1.142	0.979	0.806
99.0	1.123	1.210	1.210	1.162	1.046	0.893	0.730
99.5	1.037	1.123	1.123	1.066	0.950	0.806	0.653
100.0	0.960	1.037	1.027	0.970	0.864	0.739	0.586
100.5	0.893	0.950	0.941	0.883	0.778	0.662	0.528
101.0	0.816	0.864	0.854	0.797	0.710	0.595	0.480
101.5	0.739	0.787	0.768	0.710	0.643	0.538	0.432
102.0	0.672	0.710	0.701	0.643	0.576	0.490	0.394
102.5	0.614	0.643	0.634	0.586	0.528	0.451	0.336
103.0	0.557	0.586	0.576	0.528	0.480	0.403	0.298
103.5	0.509	0.528	0.518	0.480	0.432	0.355	0.250
104.0	0.461	0.480	0.470	0.442	0.384	0.317	0.211
104.5	0.422	0.432	0.432	0.394	0.346	0.269	0.182
105.0	0.384	0.394	0.394	0.355	0.298	0.230	0.154
105.5	0.355	0.365	0.355	0.317	0.259	0.202	0.134
106.0	0.326	0.326	0.317	0.278	0.230	0.182	0.115
106.5	0.298	0.288	0.278	0.240	0.202	0.163	0.106
107.0	0.269	0.259	0.240	0.211	0.182	0.144	0.086
107.5	0.240	0.230	0.211	0.192	0.163	0.134	0.067
108.0	0.221	0.211	0.192	0.173	0.144	0.115	0.058
108.5	0.202	0.192	0.173	0.154	0.125	0.096	0.048
109.0	0.182	0.182	0.163	0.144	0.115	0.086	0.038
109.5	0.173	0.163	0.144	0.125	0.096	0.077	0.038
110.0	0.163	0.154	0.134	0.106	0.086	0.077	0.048
110.5	0.154	0.134	0.115	0.096	0.077	0.077	0.048
111.0	0.144	0.125	0.106	0.086	0.086	0.086	0.048
111.5	0.134	0.115	0.106	0.096	0.086	0.086	0.048
112.0	0.125	0.115	0.106	0.096	0.086	0.086	0.048
112.5	0.125	0.115	0.106	0.096	0.096	0.086	0.058
113.0	0.134	0.125	0.115	0.106	0.096	0.096	0.058
113.5	0.134	0.125	0.115	0.106	0.096	0.096	0.058
114.0	0.134	0.125	0.115	0.106	0.096	0.096	0.058
114.5	0.144	0.134	0.125	0.115	0.106	0.106	0.067
115.0	0.144	0.134	0.125	0.115	0.106	0.106	0.067
115.5	0.144	0.134	0.125	0.115	0.106	0.106	0.067
116.0	0.154	0.144	0.125	0.115	0.115	0.115	0.077
116.5	0.154	0.144	0.134	0.125	0.115	0.115	0.077
117.0	0.154	0.144	0.134	0.125	0.115	0.115	0.077
117.5	0.163	0.154	0.144	0.134	0.125	0.125	0.086
118.0	0.163	0.154	0.144	0.134	0.125	0.125	0.086
118.5	0.163	0.154	0.144	0.134	0.125	0.125	0.086
119.0	0.173	0.163	0.154	0.144	0.134	0.134	0.096
119.5	0.173	0.163	0.154	0.144	0.134	0.134	0.096
120.0	0.182	0.163	0.154	0.144	0.134	0.134	0.096
120.5	0.182	0.173	0.163	0.154	0.144	0.144	0.106
121.0	0.182	0.173	0.163	0.154	0.144	0.144	0.106
121.5	0.192	0.173	0.163	0.154	0.154	0.154	0.115
122.0	0.192	0.182	0.173	0.163	0.154	0.154	0.115
122.5	0.192	0.182	0.173	0.163	0.154	0.154	0.115
123.0	0.202	0.192	0.182	0.173	0.163	0.163	0.125
123.5	0.202	0.192	0.182	0.173	0.163	0.163	0.125

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CANDELA TABULATION - (Cont.)

124.0	0.211	0.192	0.182	0.173	0.173	0.173	0.134
124.5	0.211	0.202	0.192	0.182	0.173	0.173	0.134
125.0	0.211	0.202	0.192	0.182	0.182	0.182	0.144
125.5	0.221	0.211	0.202	0.192	0.182	0.182	0.144
126.0	0.221	0.211	0.202	0.192	0.192	0.192	0.154
126.5	0.230	0.221	0.211	0.202	0.192	0.202	0.163
127.0	0.230	0.221	0.211	0.202	0.202	0.202	0.163
127.5	0.240	0.230	0.221	0.211	0.211	0.211	0.173
128.0	0.240	0.230	0.221	0.221	0.211	0.221	0.173
128.5	0.250	0.240	0.230	0.221	0.221	0.221	0.182
129.0	0.250	0.240	0.240	0.230	0.230	0.230	0.192
129.5	0.259	0.250	0.240	0.240	0.230	0.240	0.202
130.0	0.269	0.259	0.250	0.240	0.240	0.250	0.202
130.5	0.269	0.259	0.259	0.250	0.250	0.250	0.211
131.0	0.278	0.269	0.259	0.259	0.250	0.259	0.221
131.5	0.288	0.278	0.269	0.269	0.259	0.269	0.230
132.0	0.288	0.288	0.278	0.269	0.269	0.278	0.240
132.5	0.298	0.288	0.288	0.278	0.278	0.288	0.240
133.0	0.307	0.298	0.288	0.288	0.288	0.288	0.250
133.5	0.317	0.307	0.298	0.298	0.288	0.298	0.259
134.0	0.326	0.317	0.307	0.298	0.298	0.307	0.269
134.5	0.326	0.317	0.317	0.307	0.307	0.317	0.278
135.0	0.336	0.326	0.326	0.317	0.317	0.326	0.288
135.5	0.346	0.336	0.326	0.326	0.326	0.336	0.298
136.0	0.355	0.346	0.336	0.336	0.336	0.346	0.307
136.5	0.365	0.355	0.346	0.346	0.346	0.355	0.317
137.0	0.374	0.365	0.355	0.355	0.355	0.365	0.326
137.5	0.384	0.374	0.365	0.365	0.365	0.374	0.336
138.0	0.384	0.384	0.374	0.374	0.374	0.384	0.336
138.5	0.403	0.394	0.384	0.384	0.384	0.394	0.346
139.0	0.413	0.403	0.394	0.394	0.394	0.403	0.355
139.5	0.422	0.413	0.403	0.403	0.394	0.403	0.365
140.0	0.422	0.422	0.413	0.413	0.403	0.413	0.374
140.5	0.432	0.432	0.422	0.413	0.413	0.422	0.384
141.0	0.442	0.442	0.432	0.422	0.422	0.432	0.394
141.5	0.451	0.442	0.442	0.432	0.432	0.442	0.403
142.0	0.461	0.451	0.451	0.442	0.442	0.451	0.413
142.5	0.470	0.461	0.461	0.451	0.451	0.461	0.422
143.0	0.480	0.470	0.461	0.461	0.461	0.461	0.432
143.5	0.490	0.480	0.470	0.470	0.461	0.470	0.442
144.0	0.499	0.490	0.480	0.480	0.470	0.480	0.451
144.5	0.499	0.499	0.490	0.480	0.480	0.490	0.461
145.0	0.509	0.509	0.499	0.490	0.490	0.499	0.470
145.5	0.518	0.509	0.509	0.499	0.499	0.499	0.480
146.0	0.528	0.518	0.518	0.509	0.509	0.509	0.490
146.5	0.538	0.528	0.518	0.518	0.509	0.518	0.490
147.0	0.538	0.538	0.528	0.528	0.518	0.528	0.499
147.5	0.547	0.547	0.538	0.528	0.528	0.528	0.509
148.0	0.557	0.547	0.547	0.538	0.538	0.538	0.518
148.5	0.566	0.557	0.557	0.547	0.538	0.547	0.528
149.0	0.566	0.566	0.557	0.557	0.547	0.547	0.538
149.5	0.576	0.576	0.566	0.557	0.557	0.557	0.547
150.0	0.586	0.576	0.576	0.566	0.557	0.557	0.557
150.5	0.586	0.586	0.586	0.576	0.566	0.566	0.557
151.0	0.595	0.595	0.586	0.576	0.576	0.566	0.566
151.5	0.605	0.595	0.595	0.586	0.586	0.576	0.576

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CANDELA TABULATION - (Cont.)

152.0	0.605	0.605	0.595	0.595	0.586	0.586	0.586
152.5	0.614	0.605	0.605	0.595	0.595	0.586	0.595
153.0	0.614	0.614	0.605	0.605	0.605	0.595	0.605
153.5	0.624	0.614	0.614	0.605	0.605	0.605	0.614
154.0	0.624	0.624	0.614	0.614	0.614	0.614	0.614
154.5	0.634	0.624	0.624	0.624	0.614	0.614	0.624
155.0	0.634	0.634	0.624	0.624	0.624	0.624	0.624
155.5	0.643	0.634	0.634	0.624	0.624	0.624	0.634
156.0	0.653	0.643	0.634	0.634	0.634	0.624	0.634
156.5	0.653	0.643	0.643	0.634	0.634	0.634	0.643
157.0	0.662	0.653	0.643	0.643	0.634	0.634	0.643
157.5	0.662	0.653	0.653	0.643	0.643	0.634	0.653
158.0	0.672	0.653	0.653	0.643	0.643	0.643	0.653
158.5	0.672	0.662	0.653	0.653	0.643	0.643	0.653
159.0	0.672	0.672	0.662	0.653	0.653	0.643	0.662
159.5	0.672	0.672	0.662	0.653	0.653	0.653	0.672
160.0	0.682	0.682	0.672	0.662	0.653	0.653	0.672
160.5	0.682	0.691	0.682	0.662	0.662	0.662	0.682
161.0	0.682	0.691	0.691	0.672	0.672	0.662	0.682
161.5	0.682	0.701	0.701	0.691	0.672	0.672	0.691
162.0	0.691	0.710	0.720	0.701	0.691	0.672	0.691
162.5	0.691	0.710	0.730	0.720	0.701	0.682	0.691
163.0	0.691	0.701	0.739	0.739	0.720	0.682	0.691
163.5	0.691	0.691	0.739	0.758	0.768	0.682	0.691
164.0	0.682	0.691	0.749	0.787	0.883	0.701	0.701
164.5	0.691	0.691	0.749	0.854	1.008	0.749	0.720
165.0	0.691	0.691	0.749	0.960	0.998	0.816	0.739
165.5	0.691	0.691	0.730	0.970	0.902	0.845	0.758
166.0	0.691	0.691	0.710	0.874	0.826	0.816	0.778
166.5	0.691	0.691	0.710	0.787	0.787	0.778	0.778
167.0	0.701	0.691	0.720	0.749	0.768	0.758	0.758
167.5	0.691	0.691	0.710	0.730	0.758	0.749	0.739
168.0	0.691	0.691	0.701	0.720	0.749	0.749	0.730
168.5	0.691	0.691	0.701	0.710	0.739	0.739	0.730
169.0	0.691	0.691	0.691	0.701	0.739	0.739	0.730
169.5	0.691	0.691	0.691	0.701	0.730	0.730	0.730
170.0	0.691	0.691	0.701	0.701	0.720	0.720	0.720
170.5	0.691	0.691	0.701	0.701	0.710	0.710	0.720
171.0	0.691	0.701	0.701	0.701	0.710	0.710	0.710
171.5	0.701	0.701	0.701	0.701	0.701	0.710	0.710
172.0	0.701	0.701	0.701	0.701	0.701	0.701	0.701
172.5	0.701	0.701	0.701	0.701	0.701	0.701	0.701
173.0	0.701	0.701	0.701	0.701	0.701	0.701	0.691
173.5	0.701	0.701	0.701	0.701	0.701	0.691	0.701
174.0	0.691	0.691	0.701	0.691	0.691	0.691	0.701
174.5	0.691	0.691	0.691	0.691	0.691	0.691	0.701
175.0	0.691	0.691	0.691	0.691	0.691	0.691	0.701
175.5	0.682	0.682	0.682	0.691	0.691	0.691	0.691
176.0	0.682	0.682	0.682	0.691	0.691	0.691	0.691
176.5	0.682	0.682	0.682	0.691	0.691	0.691	0.691
177.0	0.682	0.682	0.682	0.691	0.691	0.691	0.691
177.5	0.682	0.682	0.682	0.682	0.682	0.682	0.691
178.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682
178.5	0.682	0.682	0.682	0.682	0.682	0.682	0.682
179.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682
179.5	0.682	0.682	0.682	0.682	0.682	0.682	0.682

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CANDELA TABULATION - (Cont.)

180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682
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IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	290.47	N.A.	15.60
0-30	612.89	N.A.	33.00
0-40	981.36	N.A.	52.80
0-60	1624.68	N.A.	87.40
0-80	1844.27	N.A.	99.30
0-90	1855.32	N.A.	99.90
10-90	1779.62	N.A.	95.80
20-40	690.89	N.A.	37.20
20-50	1049.84	N.A.	56.50
40-70	805.97	N.A.	43.40
60-80	219.59	N.A.	11.80
70-80	56.94	N.A.	3.10
80-90	11.05	N.A.	0.60
90-110	1.30	N.A.	0.10
90-120	1.45	N.A.	0.10
90-130	1.66	N.A.	0.10
90-150	2.24	N.A.	0.10
90-180	2.75	N.A.	0.10
110-180	1.45	N.A.	0.10
0-180	1858.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.70
10-20	214.77
20-30	322.42
30-40	368.47
40-50	358.96
50-60	284.36
60-70	162.65
70-80	56.94
80-90	11.05
90-100	1.09
100-110	0.20
110-120	0.15
120-130	0.21
130-140	0.28
140-150	0.30
150-160	0.27
160-170	0.18
170-180	0.06

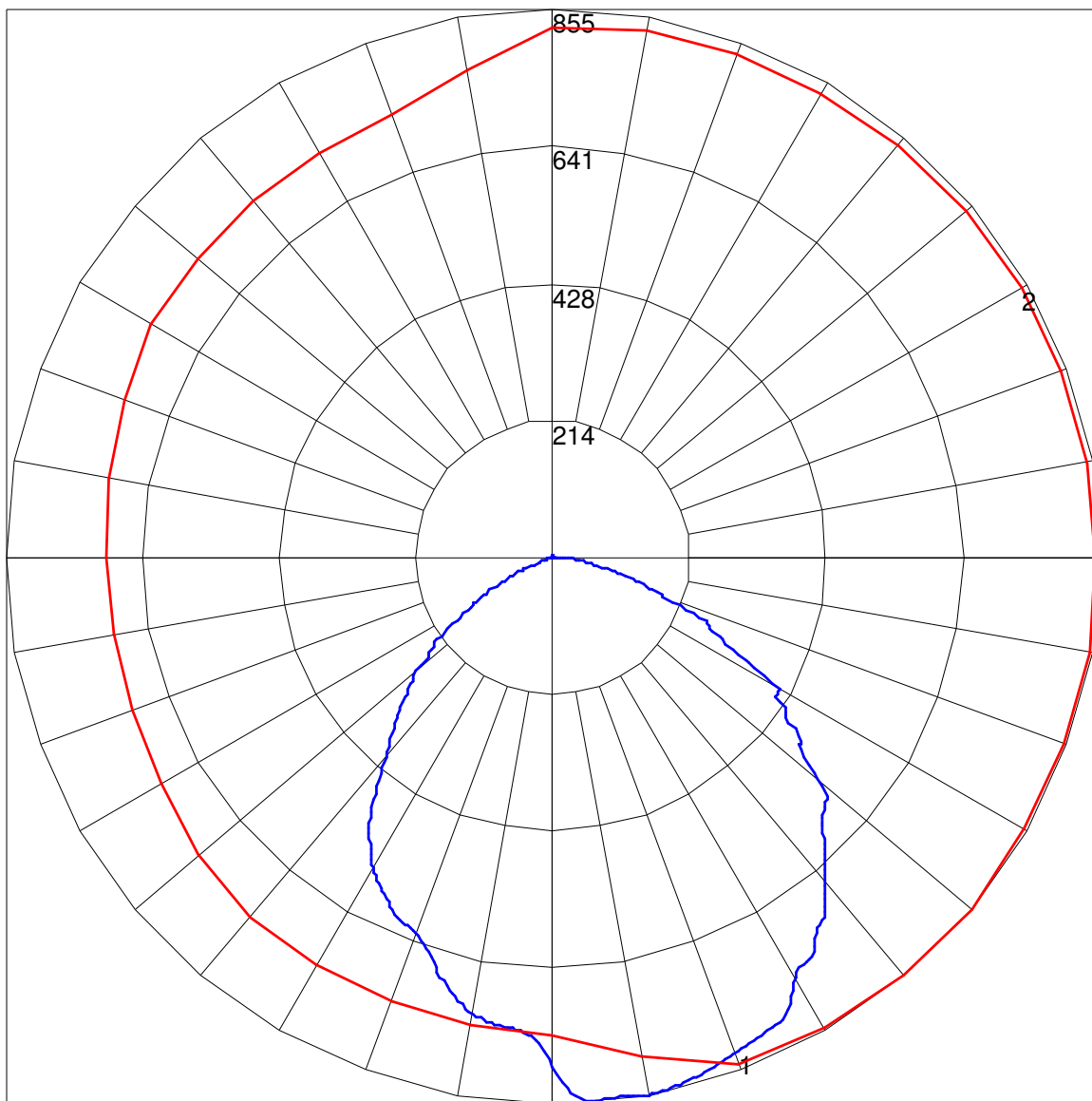
IES INDOOR REPORT
PHOTOMETRIC FILENAME : WLRD-C-L22-840-BZ.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	101	94	88	83	99	92	87	82	89	84	80	86	82	78	83	79	77	75
3	93	84	76	70	91	82	75	70	79	73	69	76	72	67	74	70	66	64
4	86	75	67	61	84	73	66	60	71	65	59	69	63	59	67	62	58	56
5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51	49
6	73	61	52	46	72	60	52	46	58	51	46	57	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	30	42	35	30	41	35	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 855.302 Located At Horizontal Angle = 320, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (320 - 140) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)