



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WLRD-C-L22-830-BZ.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [TEST] s17040016b-01 Scaled from 5K
 [TESTLAB] LEADING TESTING LABORATORIES
 [TESTDATE] 2017-04-13
 [ISSUEDATE] 2017-04-13 12:15:49
 [LAMPPOSITION] 0,0
 [MANUFAC]
 [LUMCAT] WLRD-C-L22-830-BZ

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1713
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
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	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931
0.5	751.807	752.055	751.807	751.073	749.860	748.206	746.135	743.719	741.002	738.081
1.0	766.543	767.003	766.605	765.321	763.118	760.065	756.286	751.887	746.851	741.267
1.5	775.720	776.030	775.862	774.959	773.083	769.640	764.976	759.277	752.648	744.878
2.0	780.942	780.915	780.738	779.986	778.596	776.110	771.508	765.003	757.144	747.489
2.5	783.667	783.552	782.986	782.287	781.366	779.773	776.313	769.959	761.525	750.515
3.0	784.977	784.738	784.057	783.057	782.588	781.844	779.446	773.738	765.171	753.188
3.5	785.765	785.119	784.482	783.606	782.986	782.774	781.198	776.596	768.428	755.834
4.0	786.287	785.535	784.659	784.145	783.172	782.844	782.021	778.402	770.773	757.843
4.5	786.517	785.756	784.915	784.561	783.198	782.367	781.959	779.074	772.543	759.949
5.0	786.181	785.508	785.022	784.721	783.030	781.543	781.181	778.747	773.481	761.383
5.5	785.322	784.809	784.783	784.429	782.623	780.729	780.358	778.331	774.278	762.728
6.0	784.437	783.995	784.269	783.729	782.367	780.535	779.871	777.782	774.791	763.976
6.5	783.747	783.207	783.606	783.269	782.393	780.455	779.287	777.127	774.994	764.720
7.0	783.464	782.641	782.959	783.030	782.136	780.225	778.844	776.729	775.313	765.419
7.5	783.712	782.526	782.667	782.650	781.570	779.747	778.198	776.145	775.171	765.587
8.0	784.322	782.490	782.694	782.243	780.756	778.738	776.968	775.074	774.340	765.109
8.5	784.544	782.951	782.561	781.968	779.835	777.508	775.897	773.915	773.419	764.543
9.0	783.977	782.951	782.570	781.703	778.880	776.526	774.835	772.676	772.322	763.985
9.5	783.482	782.712	782.340	781.366	778.092	775.756	773.809	771.463	771.410	763.578
10.0	782.959	782.313	781.720	780.774	777.472	774.924	772.924	770.569	770.658	763.135
10.5	782.181	781.641	781.163	779.685	776.853	774.313	772.419	769.915	770.012	762.613
11.0	781.313	780.942	780.207	778.986	776.207	773.649	771.693	769.366	769.083	761.507
11.5	780.517	780.499	779.083	778.180	775.295	772.366	771.154	768.552	768.127	760.374
12.0	780.119	779.853	778.455	777.313	774.003	770.950	769.481	767.012	766.560	759.312
12.5	780.057	779.393	778.375	776.393	772.738	769.375	767.481	764.941	764.543	758.082
13.0	779.950	778.588	778.198	775.614	771.393	766.870	765.428	762.666	762.065	756.498
13.5	780.172	778.340	777.782	774.738	769.684	765.074	763.790	760.029	759.268	754.701
14.0	779.340	778.322	777.490	774.118	768.702	763.852	761.516	757.321	756.719	752.427
14.5	778.030	778.251	777.464	773.375	768.375	762.312	759.038	754.949	754.356	750.498
15.0	776.729	778.163	777.198	772.552	767.277	760.489	756.923	752.489	752.436	748.772
15.5	775.614	778.065	776.172	770.888	766.746	759.003	754.250	749.586	750.613	747.170
16.0	775.782	777.632	774.764	768.968	765.153	757.967	751.188	747.135	749.391	745.949
16.5	776.225	776.871	772.959	767.268	762.843	757.011	749.073	745.630	748.551	744.754
17.0	776.233	775.764	771.269	765.941	760.534	755.737	747.666	744.781	748.002	743.400
17.5	775.525	774.534	770.056	765.242	758.126	754.852	747.011	744.135	746.506	742.533
18.0	773.932	773.260	769.100	764.790	756.232	754.312	746.719	743.427	745.515	741.426
18.5	772.207	771.835	768.153	763.401	755.365	753.241	746.028	743.365	744.612	739.267
19.0	770.623	770.587	767.383	761.330	755.197	752.029	745.887	744.019	742.143	733.293
19.5	769.215	769.384	765.410	759.578	755.374	750.400	746.533	743.869	738.391	725.364
20.0	768.065	768.162	762.640	757.985	754.480	748.914	746.082	740.010	730.134	715.275
20.5	766.729	766.675	760.472	756.082	752.657	747.506	741.869	731.302	720.381	707.903
21.0	765.410	764.923	758.852	753.923	749.506	743.480	733.355	720.124	710.478	702.407
21.5	764.560	763.348	757.489	751.507	745.604	736.869	722.487	709.195	700.477	696.628
22.0	763.932	761.958	756.215	748.188	740.541	727.603	712.053	699.212	691.601	689.371
22.5	763.127	760.914	754.091	743.887	734.382	717.930	702.150	689.911	683.609	684.671
23.0	762.348	760.029	750.958	738.860	727.594	708.982	693.380	681.547	677.945	683.176
23.5	761.835	758.817	746.851	733.099	720.673	701.026	685.751	675.211	675.441	681.884
24.0	761.808	755.693	742.117	727.833	713.567	693.521	679.733	671.388	674.715	679.884
24.5	761.304	751.754	736.108	722.806	705.619	687.459	675.972	669.538	673.954	676.485
25.0	759.082	746.161	728.966	717.266	698.159	684.185	674.795	668.724	672.140	671.945
25.5	754.445	738.754	721.611	711.336	693.698	683.839	674.246	666.609	668.317	666.591
26.0	746.073	729.541	714.381	706.664	692.566	683.627	672.131	662.077	663.042	660.652
26.5	735.426	719.939	708.204	704.876	692.433	681.937	667.989	657.714	657.980	655.440

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27.0	723.886	710.106	704.956	704.053	690.716	678.990	664.148	654.387	652.095	649.537
27.5	713.301	701.893	704.451	702.478	687.981	675.883	659.449	650.245	644.970	643.988
28.0	705.256	698.486	704.779	698.823	685.583	671.635	654.873	645.395	638.067	637.589
28.5	699.371	696.893	703.805	693.672	683.415	667.193	649.776	640.120	632.386	630.341
29.0	697.486	698.221	699.831	688.114	680.627	661.484	644.430	634.474	628.093	623.536
29.5	696.522	699.097	693.415	683.707	676.591	655.281	637.926	629.014	623.677	616.810
30.0	696.743	697.592	687.362	679.884	670.989	648.032	630.819	624.031	618.456	610.261
30.5	694.920	693.344	681.839	677.060	663.272	641.059	624.624	618.801	612.057	602.986
31.0	691.716	688.583	676.273	673.290	654.811	633.917	619.659	613.287	605.296	597.048
31.5	687.105	682.043	672.671	665.697	646.015	627.792	616.332	607.906	598.986	592.339
32.0	680.583	674.768	669.901	655.050	636.757	622.376	613.641	601.596	594.154	587.401
32.5	673.414	668.927	664.812	645.351	627.580	616.579	609.871	594.693	589.587	582.268
33.0	667.308	663.723	657.741	635.076	619.031	612.358	605.119	589.419	584.259	577.657
33.5	661.422	659.192	649.953	627.288	612.668	609.367	599.074	584.914	577.639	572.692
34.0	656.254	654.573	642.067	621.925	609.792	605.597	591.729	580.533	571.931	568.524
34.5	651.679	649.218	634.669	616.880	608.862	600.030	585.888	577.047	567.568	563.718
35.0	647.953	642.740	627.474	613.650	607.190	594.649	581.631	574.126	563.364	557.391
35.5	644.731	635.695	620.332	610.783	604.384	588.056	576.940	570.374	558.904	551.629
36.0	641.625	629.111	614.517	608.322	599.800	580.684	572.232	565.719	552.328	546.841
36.5	638.032	622.801	610.774	606.225	593.826	574.471	568.046	560.453	546.372	540.735
37.0	633.341	617.341	607.234	604.048	588.180	569.781	564.205	555.736	541.620	532.982
37.5	626.845	611.331	604.030	601.278	582.339	567.701	560.763	552.134	536.912	524.725
38.0	617.934	604.128	601.393	596.986	576.790	566.958	557.426	546.726	530.230	517.336
38.5	607.818	597.809	598.649	588.481	572.471	565.276	553.072	538.965	523.026	511.017
39.0	597.888	592.994	593.985	578.073	567.825	561.338	547.195	531.681	518.185	514.282
39.5	589.596	588.746	585.392	567.896	562.108	555.753	540.974	526.009	516.459	523.584
40.0	583.525	584.330	574.055	558.417	556.329	550.213	534.982	524.115	523.761	534.204
40.5	578.374	578.356	563.285	551.674	549.381	543.629	531.115	528.026	533.168	536.567
41.0	573.489	571.329	554.833	547.266	539.983	537.434	530.788	534.929	531.752	525.363
41.5	570.046	565.046	549.142	541.346	532.195	534.805	533.009	536.372	522.769	502.273
42.0	569.320	559.745	546.204	535.266	528.982	536.044	534.850	525.301	512.424	478.484
42.5	568.533	554.426	546.302	531.389	529.681	538.434	528.177	505.344	498.202	463.917
43.0	565.957	550.169	545.222	527.885	530.947	534.664	511.875	487.626	473.271	452.837
43.5	561.311	548.727	540.806	526.690	529.212	521.902	495.494	476.555	449.049	444.589
44.0	555.461	547.656	534.682	527.416	523.663	506.193	483.254	467.227	437.225	437.376
44.5	549.337	543.293	531.823	523.212	514.716	487.476	472.882	458.218	432.915	429.030
45.0	544.638	536.044	529.044	514.822	501.468	466.802	463.908	450.934	430.393	419.216
45.5	541.018	531.549	521.681	508.025	484.299	452.315	452.943	441.907	427.287	414.171
46.0	535.319	528.575	517.433	497.131	470.377	448.704	441.261	432.588	423.561	411.985
46.5	529.230	520.672	513.468	489.741	460.076	447.536	432.544	428.402	420.694	417.419
47.0	523.663	509.371	500.760	480.767	450.447	440.606	430.101	426.004	415.083	427.490
47.5	510.441	500.547	487.591	476.758	434.677	433.234	435.075	422.384	412.516	419.561
48.0	493.901	497.335	480.847	467.156	423.251	429.942	436.624	418.835	410.074	411.463
48.5	484.936	495.627	474.829	444.173	426.402	425.163	426.597	415.428	403.958	403.126
49.0	488.414	479.732	470.386	436.871	435.393	418.189	415.030	407.286	395.268	388.347
49.5	491.750	457.996	459.297	436.694	437.234	418.897	408.711	394.400	386.418	371.134
50.0	476.502	448.288	451.164	430.906	430.004	426.880	400.932	381.913	378.426	363.868
50.5	455.881	442.827	434.721	421.543	420.826	422.207	392.604	370.125	368.425	362.416
51.0	440.615	434.393	418.021	408.684	414.640	404.374	387.373	360.478	359.691	361.505
51.5	431.747	425.526	409.189	398.055	405.604	394.666	377.090	357.009	360.168	348.717
52.0	428.473	422.039	403.516	395.409	388.940	391.117	369.780	357.752	355.487	341.769
52.5	426.490	421.402	396.834	393.524	378.072	383.807	362.213	360.407	346.017	344.460
53.0	425.358	419.543	392.613	387.391	367.717	378.585	355.372	355.867	343.106	341.424
53.5	421.747	416.038	391.701	374.682	364.841	362.877	346.867	347.000	333.167	325.645
54.0	417.959	407.613	388.382	367.240	369.895	339.477	339.353	343.327	317.733	308.529
54.5	413.507	395.250	385.081	362.540	372.390	330.565	335.397	332.433	302.617	292.324

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CANDELA TABULATION - (Cont.)

55.0	405.100	387.444	387.364	361.876	377.559	330.547	327.963	315.157	290.953	275.288
55.5	395.046	385.311	376.497	374.727	357.283	316.750	311.936	301.608	283.395	263.978
56.0	386.382	375.966	370.974	374.877	325.193	293.236	296.431	286.059	277.846	258.818
56.5	376.045	368.054	361.009	347.539	308.068	290.014	275.739	272.651	265.279	251.844
57.0	366.629	364.974	352.044	330.778	295.068	299.767	263.172	264.969	263.934	255.712
57.5	364.779	358.319	337.185	319.441	287.085	296.351	260.579	259.517	270.394	254.676
58.0	356.628	353.292	325.901	300.334	279.483	281.280	261.163	262.084	264.367	245.242
58.5	349.796	345.389	308.953	287.598	266.650	263.995	262.385	256.597	258.013	235.578
59.0	344.619	318.919	288.926	272.182	256.694	252.145	261.730	241.720	236.684	224.516
59.5	336.353	295.794	279.527	256.491	257.057	248.428	252.526	233.286	225.994	213.577
60.0	322.529	286.262	278.766	249.004	259.332	247.402	240.313	223.578	219.409	218.082
60.5	300.086	280.580	275.456	248.340	253.676	238.923	227.737	220.684	213.205	207.816
61.0	283.156	270.429	267.128	246.986	241.348	224.808	224.144	214.382	206.152	185.257
61.5	272.031	255.774	247.198	247.694	229.295	214.577	213.674	196.939	192.824	172.009
62.0	262.394	255.446	237.985	238.490	222.931	206.170	192.142	187.850	179.761	164.247
62.5	259.340	261.075	240.897	228.923	211.320	198.222	174.407	181.522	172.150	152.609
63.0	257.349	264.314	229.728	215.967	205.612	190.178	165.663	172.017	162.043	157.149
63.5	251.092	258.482	224.923	209.789	192.868	180.628	165.610	166.309	151.123	158.787
64.0	249.110	245.127	212.878	201.966	181.912	173.327	167.557	168.725	149.176	146.016
64.5	247.251	223.578	208.134	189.390	173.929	172.212	166.238	156.893	139.688	143.043
65.0	235.720	206.940	208.046	178.425	163.203	166.230	159.388	143.060	128.891	125.059
65.5	218.418	199.337	197.045	176.549	154.680	157.087	151.025	131.591	127.759	117.342
66.0	208.665	187.089	180.168	169.672	155.282	147.972	144.078	123.502	121.581	113.652
66.5	200.930	179.363	173.124	158.468	155.999	137.228	136.069	122.413	120.670	111.457
67.0	188.832	179.027	162.654	147.901	147.706	127.564	125.997	118.926	110.970	107.713
67.5	184.381	179.974	157.689	146.326	139.644	121.333	112.908	116.670	104.129	97.651
68.0	175.911	164.787	151.512	134.361	131.838	123.183	108.023	108.076	99.916	93.925
68.5	167.681	151.662	140.972	128.794	112.908	122.555	106.333	101.598	96.810	87.863
69.0	155.256	145.193	131.272	129.254	106.386	107.643	104.474	95.244	84.978	79.969
69.5	147.574	139.140	121.006	120.263	104.926	94.863	95.562	90.801	85.978	77.429
70.0	142.733	129.263	114.793	106.253	103.501	91.022	89.429	88.659	81.907	72.561
70.5	135.166	118.900	113.360	96.527	100.642	87.819	86.562	80.880	74.110	72.924
71.0	122.741	121.254	112.466	93.598	92.235	86.765	79.190	70.136	68.269	63.968
71.5	115.634	102.421	99.120	90.695	83.863	83.880	75.437	67.127	63.720	61.977
72.0	112.581	97.704	86.411	87.526	78.349	75.915	67.764	63.410	58.596	55.994
72.5	105.616	97.642	81.739	80.544	72.172	66.906	60.242	58.083	53.259	49.772
73.0	102.598	92.013	77.252	75.057	71.198	62.463	56.914	53.463	47.923	43.551
73.5	93.491	79.411	74.570	68.145	65.844	59.366	53.127	48.808	42.595	37.338
74.0	82.287	74.092	73.225	61.950	60.764	55.321	49.330	44.144	37.267	31.117
74.5	77.491	69.561	69.172	60.215	57.498	51.330	45.489	39.427	32.418	24.683
75.0	71.101	68.641	62.569	58.083	54.162	47.330	42.285	35.311	27.780	21.682
75.5	68.888	66.198	59.454	54.976	50.826	43.223	38.781	31.621	24.868	16.089
76.0	67.941	63.047	56.737	51.949	47.507	40.515	34.860	27.966	22.311	14.833
76.5	66.331	59.914	53.914	48.932	44.108	38.374	31.515	25.869	19.691	13.133
77.0	59.357	56.817	51.091	45.896	40.533	34.993	28.762	23.222	17.399	10.877
77.5	56.817	53.728	48.268	43.135	37.869	31.966	26.373	20.921	15.558	9.655
78.0	54.189	50.631	45.356	40.453	35.134	29.515	23.983	18.895	13.797	8.584
78.5	51.622	47.542	42.622	37.630	32.533	27.108	21.859	17.089	12.399	7.744
79.0	48.958	44.507	39.913	34.922	29.975	24.780	20.001	15.505	11.160	6.938
79.5	46.303	41.860	37.197	32.382	27.426	22.656	18.240	14.045	10.062	6.381
80.0	43.551	39.276	34.497	29.842	25.214	20.771	16.523	12.691	9.071	5.832
80.5	40.480	36.612	31.913	27.408	23.081	18.992	14.868	11.443	8.177	5.275
81.0	37.860	33.718	29.329	25.090	21.063	17.249	13.337	10.213	7.292	4.717
81.5	35.152	31.196	26.939	22.842	19.151	15.549	11.859	9.045	6.452	4.168
82.0	32.656	28.603	24.745	20.797	17.302	13.833	10.496	8.009	5.752	3.717
82.5	29.975	26.364	22.550	18.966	15.603	12.160	9.248	7.062	5.080	3.310

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CANDELA TABULATION - (Cont.)

83.0	27.594	24.125	20.514	17.151	13.833	10.593	8.027	6.168	4.407	2.947
83.5	25.373	22.010	18.603	15.390	12.248	9.115	6.912	5.416	3.726	2.637
84.0	23.107	19.983	16.753	13.726	10.797	7.788	5.991	4.664	3.195	2.372
84.5	21.019	18.072	14.974	12.107	9.337	6.691	5.160	3.903	2.779	2.124
85.0	19.045	16.284	13.337	10.576	7.947	5.770	4.319	3.213	2.425	1.920
85.5	17.196	14.558	11.779	9.160	6.646	4.991	3.451	2.708	2.151	1.761
86.0	15.479	12.832	10.301	7.815	5.761	4.204	2.779	2.292	1.903	1.611
86.5	13.726	11.275	8.938	6.584	4.885	3.398	2.354	1.991	1.708	1.460
87.0	12.124	9.823	7.638	5.629	4.000	2.726	2.044	1.770	1.540	1.336
87.5	10.682	8.558	6.452	4.823	3.151	2.274	1.814	1.602	1.407	1.239
88.0	9.319	7.363	5.531	4.009	2.628	1.929	1.628	1.460	1.283	1.150
88.5	7.974	6.177	4.699	3.168	2.177	1.735	1.504	1.354	1.195	1.071
89.0	6.806	5.310	3.859	2.505	1.894	1.611	1.407	1.274	1.124	1.009
89.5	5.868	4.487	3.000	2.097	1.717	1.513	1.327	1.195	1.053	0.938
90.0	4.929	3.646	2.398	1.850	1.620	1.434	1.248	1.124	0.982	0.876
90.5	4.000	2.805	2.044	1.717	1.522	1.354	1.168	1.044	0.920	0.814
91.0	3.071	2.266	1.832	1.611	1.434	1.274	1.089	0.965	0.850	0.761
91.5	2.522	1.965	1.673	1.504	1.354	1.186	1.018	0.894	0.788	0.699
92.0	2.195	1.788	1.549	1.407	1.266	1.106	0.938	0.832	0.726	0.655
92.5	1.974	1.646	1.443	1.310	1.177	1.027	0.858	0.761	0.664	0.602
93.0	1.805	1.531	1.345	1.212	1.097	0.956	0.796	0.699	0.611	0.558
93.5	1.664	1.434	1.257	1.124	1.009	0.876	0.735	0.646	0.566	0.513
94.0	1.531	1.336	1.168	1.044	0.929	0.805	0.673	0.593	0.522	0.478
94.5	1.416	1.248	1.089	0.973	0.850	0.735	0.619	0.540	0.478	0.442
95.0	1.319	1.159	1.009	0.903	0.779	0.673	0.558	0.496	0.434	0.407
95.5	1.221	1.080	0.938	0.832	0.708	0.602	0.496	0.442	0.389	0.372
96.0	1.133	1.000	0.867	0.761	0.637	0.522	0.451	0.389	0.354	0.336
96.5	1.044	0.929	0.796	0.681	0.566	0.469	0.398	0.354	0.319	0.310
97.0	0.965	0.850	0.726	0.611	0.504	0.425	0.363	0.319	0.283	0.274
97.5	0.894	0.779	0.646	0.549	0.460	0.381	0.319	0.274	0.248	0.239
98.0	0.814	0.708	0.584	0.487	0.416	0.345	0.283	0.239	0.212	0.212
98.5	0.743	0.637	0.522	0.442	0.372	0.301	0.248	0.204	0.186	0.177
99.0	0.673	0.575	0.469	0.398	0.327	0.257	0.204	0.168	0.150	0.150
99.5	0.602	0.504	0.425	0.354	0.283	0.221	0.168	0.150	0.133	0.142
100.0	0.540	0.451	0.381	0.310	0.248	0.177	0.150	0.133	0.124	0.124
100.5	0.487	0.407	0.336	0.265	0.204	0.150	0.133	0.115	0.115	0.115
101.0	0.442	0.363	0.292	0.230	0.168	0.133	0.115	0.106	0.106	0.106
101.5	0.398	0.319	0.248	0.195	0.150	0.115	0.097	0.097	0.097	0.097
102.0	0.363	0.274	0.212	0.168	0.124	0.106	0.088	0.080	0.088	0.088
102.5	0.310	0.239	0.177	0.142	0.115	0.088	0.080	0.071	0.080	0.080
103.0	0.274	0.195	0.150	0.124	0.097	0.080	0.062	0.062	0.071	0.080
103.5	0.230	0.168	0.133	0.106	0.080	0.062	0.053	0.062	0.062	0.071
104.0	0.195	0.142	0.115	0.088	0.071	0.053	0.053	0.062	0.071	0.071
104.5	0.168	0.124	0.097	0.071	0.053	0.044	0.053	0.062	0.071	0.080
105.0	0.142	0.106	0.080	0.062	0.044	0.044	0.053	0.062	0.071	0.080
105.5	0.124	0.088	0.071	0.053	0.044	0.044	0.053	0.062	0.071	0.080
106.0	0.106	0.080	0.053	0.035	0.044	0.044	0.053	0.062	0.080	0.080
106.5	0.097	0.062	0.044	0.035	0.044	0.053	0.062	0.071	0.080	0.088
107.0	0.080	0.053	0.035	0.035	0.044	0.053	0.062	0.071	0.080	0.088
107.5	0.062	0.035	0.035	0.035	0.044	0.053	0.062	0.071	0.080	0.088
108.0	0.053	0.035	0.035	0.035	0.044	0.053	0.062	0.071	0.088	0.097
108.5	0.044	0.035	0.035	0.035	0.044	0.062	0.071	0.080	0.088	0.097
109.0	0.035	0.035	0.035	0.044	0.053	0.062	0.071	0.080	0.088	0.097
109.5	0.035	0.035	0.035	0.044	0.053	0.062	0.071	0.080	0.097	0.106
110.0	0.044	0.035	0.035	0.044	0.053	0.062	0.071	0.088	0.097	0.106
110.5	0.044	0.035	0.044	0.044	0.053	0.062	0.080	0.088	0.097	0.106

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CANDELA TABULATION - (Cont.)

111.0	0.044	0.035	0.044	0.044	0.062	0.071	0.080	0.088	0.097	0.115
111.5	0.044	0.035	0.044	0.053	0.062	0.071	0.080	0.088	0.106	0.115
112.0	0.044	0.044	0.044	0.053	0.062	0.071	0.088	0.097	0.106	0.115
112.5	0.053	0.044	0.044	0.053	0.062	0.080	0.088	0.097	0.106	0.124
113.0	0.053	0.044	0.053	0.053	0.062	0.080	0.088	0.097	0.115	0.124
113.5	0.053	0.044	0.053	0.062	0.071	0.080	0.088	0.106	0.115	0.124
114.0	0.053	0.053	0.053	0.062	0.071	0.080	0.097	0.106	0.115	0.133
114.5	0.062	0.053	0.053	0.062	0.071	0.088	0.097	0.106	0.124	0.133
115.0	0.062	0.053	0.062	0.062	0.080	0.088	0.097	0.115	0.124	0.142
115.5	0.062	0.053	0.062	0.071	0.080	0.088	0.106	0.115	0.133	0.142
116.0	0.071	0.053	0.062	0.071	0.080	0.097	0.106	0.124	0.133	0.150
116.5	0.071	0.062	0.062	0.071	0.080	0.097	0.106	0.124	0.142	0.150
117.0	0.071	0.062	0.071	0.071	0.088	0.097	0.115	0.124	0.142	0.150
117.5	0.080	0.062	0.071	0.080	0.088	0.106	0.115	0.133	0.142	0.159
118.0	0.080	0.062	0.071	0.080	0.088	0.106	0.124	0.133	0.150	0.159
118.5	0.080	0.071	0.071	0.080	0.097	0.106	0.124	0.142	0.150	0.168
119.0	0.088	0.071	0.080	0.088	0.097	0.115	0.124	0.142	0.159	0.168
119.5	0.088	0.071	0.080	0.088	0.097	0.115	0.133	0.150	0.159	0.177
120.0	0.088	0.080	0.080	0.088	0.106	0.124	0.133	0.150	0.168	0.177
120.5	0.097	0.080	0.088	0.097	0.106	0.124	0.142	0.150	0.168	0.186
121.0	0.097	0.080	0.088	0.097	0.115	0.124	0.142	0.159	0.177	0.186
121.5	0.106	0.088	0.088	0.097	0.115	0.133	0.150	0.159	0.177	0.195
122.0	0.106	0.088	0.097	0.106	0.115	0.133	0.150	0.168	0.186	0.195
122.5	0.106	0.088	0.097	0.106	0.124	0.142	0.150	0.168	0.186	0.204
123.0	0.115	0.097	0.097	0.115	0.124	0.142	0.159	0.177	0.195	0.204
123.5	0.115	0.097	0.106	0.115	0.133	0.150	0.159	0.177	0.195	0.212
124.0	0.124	0.097	0.106	0.115	0.133	0.150	0.168	0.186	0.204	0.212
124.5	0.124	0.106	0.115	0.124	0.133	0.150	0.168	0.186	0.204	0.221
125.0	0.133	0.106	0.115	0.124	0.142	0.159	0.177	0.195	0.212	0.230
125.5	0.133	0.106	0.115	0.133	0.142	0.159	0.186	0.204	0.221	0.230
126.0	0.142	0.115	0.124	0.133	0.150	0.168	0.186	0.204	0.221	0.239
126.5	0.150	0.115	0.124	0.142	0.150	0.168	0.195	0.212	0.230	0.248
127.0	0.150	0.124	0.133	0.142	0.159	0.177	0.195	0.221	0.230	0.248
127.5	0.159	0.124	0.133	0.150	0.159	0.186	0.204	0.221	0.239	0.257
128.0	0.159	0.124	0.142	0.150	0.168	0.186	0.212	0.230	0.248	0.265
128.5	0.168	0.133	0.142	0.159	0.177	0.195	0.212	0.230	0.257	0.265
129.0	0.177	0.133	0.150	0.159	0.177	0.204	0.221	0.239	0.257	0.274
129.5	0.186	0.142	0.150	0.168	0.186	0.204	0.230	0.248	0.265	0.283
130.0	0.186	0.142	0.159	0.168	0.186	0.212	0.230	0.248	0.265	0.283
130.5	0.195	0.150	0.159	0.177	0.195	0.212	0.239	0.257	0.274	0.292
131.0	0.204	0.150	0.168	0.177	0.204	0.221	0.239	0.257	0.274	0.292
131.5	0.212	0.159	0.177	0.186	0.204	0.221	0.248	0.265	0.283	0.301
132.0	0.221	0.168	0.177	0.195	0.212	0.230	0.248	0.265	0.283	0.301
132.5	0.221	0.168	0.186	0.195	0.212	0.230	0.257	0.274	0.292	0.310
133.0	0.230	0.177	0.186	0.204	0.221	0.239	0.257	0.274	0.292	0.310
133.5	0.239	0.177	0.195	0.204	0.221	0.239	0.265	0.283	0.301	0.319
134.0	0.248	0.186	0.195	0.212	0.230	0.248	0.265	0.283	0.301	0.319
134.5	0.257	0.186	0.204	0.212	0.230	0.248	0.274	0.292	0.310	0.327
135.0	0.265	0.195	0.204	0.221	0.239	0.257	0.274	0.292	0.310	0.327
135.5	0.274	0.195	0.212	0.221	0.239	0.257	0.283	0.301	0.319	0.336
136.0	0.283	0.204	0.212	0.230	0.248	0.265	0.283	0.301	0.319	0.336
136.5	0.292	0.204	0.221	0.230	0.248	0.274	0.292	0.310	0.327	0.345
137.0	0.301	0.212	0.221	0.239	0.257	0.274	0.292	0.310	0.327	0.345
137.5	0.310	0.212	0.230	0.239	0.257	0.283	0.301	0.319	0.336	0.354
138.0	0.310	0.221	0.230	0.248	0.265	0.283	0.301	0.319	0.336	0.354
138.5	0.319	0.221	0.239	0.248	0.265	0.292	0.310	0.327	0.345	0.354

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139.0	0.327	0.230	0.239	0.257	0.274	0.292	0.310	0.327	0.345	0.363
139.5	0.336	0.230	0.248	0.257	0.274	0.292	0.319	0.327	0.345	0.363
140.0	0.345	0.239	0.248	0.265	0.283	0.301	0.319	0.336	0.345	0.363
140.5	0.354	0.239	0.257	0.265	0.283	0.301	0.319	0.336	0.354	0.363
141.0	0.363	0.248	0.257	0.274	0.292	0.301	0.319	0.336	0.354	0.372
141.5	0.372	0.248	0.265	0.274	0.292	0.310	0.327	0.345	0.354	0.372
142.0	0.381	0.257	0.265	0.283	0.292	0.310	0.327	0.345	0.363	0.372
142.5	0.389	0.257	0.274	0.283	0.301	0.310	0.336	0.345	0.363	0.372
143.0	0.398	0.265	0.274	0.283	0.301	0.319	0.336	0.354	0.372	0.381
143.5	0.407	0.265	0.283	0.292	0.301	0.319	0.345	0.354	0.381	0.381
144.0	0.416	0.265	0.283	0.292	0.301	0.327	0.354	0.354	0.389	0.381
144.5	0.425	0.274	0.283	0.292	0.310	0.327	0.363	0.354	0.389	0.381
145.0	0.434	0.274	0.292	0.301	0.310	0.336	0.363	0.363	0.398	0.389
145.5	0.442	0.274	0.292	0.301	0.319	0.345	0.363	0.363	0.407	0.389
146.0	0.451	0.283	0.292	0.310	0.319	0.345	0.372	0.363	0.407	0.398
146.5	0.451	0.283	0.301	0.310	0.319	0.354	0.372	0.363	0.407	0.398
147.0	0.460	0.283	0.301	0.310	0.327	0.354	0.372	0.372	0.416	0.398
147.5	0.469	0.292	0.301	0.319	0.336	0.363	0.363	0.381	0.416	0.398
148.0	0.478	0.292	0.310	0.319	0.336	0.363	0.363	0.389	0.416	0.407
148.5	0.487	0.301	0.310	0.327	0.345	0.372	0.372	0.398	0.425	0.407
149.0	0.496	0.301	0.319	0.327	0.345	0.372	0.372	0.416	0.425	0.407
149.5	0.504	0.310	0.319	0.336	0.354	0.372	0.381	0.434	0.416	0.407
150.0	0.513	0.310	0.327	0.336	0.363	0.372	0.381	0.451	0.425	0.407
150.5	0.513	0.319	0.327	0.345	0.372	0.372	0.381	0.469	0.434	0.416
151.0	0.522	0.327	0.336	0.345	0.372	0.372	0.381	0.478	0.442	0.416
151.5	0.531	0.336	0.336	0.354	0.381	0.372	0.381	0.487	0.460	0.425
152.0	0.540	0.336	0.345	0.363	0.381	0.381	0.389	0.496	0.469	0.425
152.5	0.549	0.345	0.345	0.372	0.381	0.389	0.389	0.496	0.469	0.434
153.0	0.558	0.363	0.354	0.372	0.381	0.389	0.398	0.496	0.469	0.434
153.5	0.566	0.372	0.354	0.372	0.381	0.389	0.398	0.496	0.460	0.434
154.0	0.566	0.381	0.363	0.381	0.389	0.398	0.407	0.496	0.460	0.434
154.5	0.575	0.389	0.363	0.381	0.389	0.398	0.416	0.504	0.469	0.434
155.0	0.575	0.398	0.363	0.381	0.398	0.398	0.425	0.513	0.496	0.442
155.5	0.584	0.416	0.372	0.389	0.398	0.407	0.434	0.522	0.540	0.442
156.0	0.584	0.425	0.381	0.389	0.398	0.407	0.442	0.531	0.566	0.451
156.5	0.593	0.442	0.381	0.398	0.398	0.407	0.442	0.540	0.540	0.460
157.0	0.593	0.451	0.389	0.398	0.407	0.407	0.451	0.549	0.487	0.460
157.5	0.602	0.469	0.389	0.398	0.407	0.416	0.469	0.549	0.460	0.460
158.0	0.602	0.478	0.389	0.398	0.407	0.416	0.487	0.540	0.460	0.460
158.5	0.602	0.496	0.389	0.398	0.407	0.416	0.504	0.522	0.460	0.460
159.0	0.611	0.504	0.389	0.398	0.407	0.425	0.513	0.522	0.460	0.460
159.5	0.619	0.522	0.398	0.407	0.416	0.434	0.531	0.531	0.460	0.469
160.0	0.619	0.531	0.398	0.407	0.416	0.451	0.540	0.584	0.460	0.478
160.5	0.628	0.549	0.398	0.407	0.416	0.460	0.549	0.655	0.469	0.478
161.0	0.628	0.558	0.398	0.416	0.425	0.478	0.540	0.558	0.469	0.478
161.5	0.637	0.575	0.398	0.416	0.434	0.496	0.540	0.531	0.478	0.487
162.0	0.637	0.584	0.398	0.425	0.451	0.504	0.504	0.513	0.487	0.496
162.5	0.637	0.593	0.407	0.425	0.469	0.513	0.504	0.496	0.487	0.496
163.0	0.637	0.602	0.407	0.434	0.487	0.513	0.513	0.496	0.496	0.496
163.5	0.637	0.619	0.416	0.442	0.496	0.513	0.513	0.496	0.496	0.504
164.0	0.646	0.628	0.425	0.460	0.496	0.504	0.513	0.496	0.496	0.504
164.5	0.664	0.655	0.442	0.460	0.504	0.496	0.504	0.496	0.496	0.504
165.0	0.681	0.681	0.469	0.460	0.504	0.496	0.496	0.496	0.496	0.504
165.5	0.699	0.699	0.504	0.460	0.504	0.496	0.487	0.496	0.496	0.504
166.0	0.717	0.717	0.531	0.460	0.496	0.487	0.487	0.487	0.496	0.496
166.5	0.717	0.717	0.549	0.460	0.496	0.487	0.487	0.496	0.496	0.504

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CANDELA TABULATION - (Cont.)

167.0	0.699	0.699	0.566	0.469	0.487	0.496	0.487	0.496	0.504	0.504
167.5	0.681	0.681	0.593	0.469	0.487	0.487	0.487	0.496	0.504	0.513
168.0	0.673	0.673	0.619	0.460	0.487	0.487	0.496	0.504	0.513	0.522
168.5	0.673	0.673	0.646	0.460	0.478	0.487	0.496	0.513	0.522	0.540
169.0	0.673	0.673	0.664	0.469	0.478	0.487	0.504	0.522	0.540	0.549
169.5	0.673	0.664	0.673	0.496	0.478	0.487	0.513	0.531	0.558	0.566
170.0	0.664	0.655	0.673	0.540	0.478	0.496	0.522	0.549	0.558	0.575
170.5	0.664	0.655	0.673	0.593	0.487	0.504	0.531	0.549	0.566	0.575
171.0	0.655	0.655	0.673	0.628	0.478	0.513	0.540	0.558	0.566	0.584
171.5	0.655	0.646	0.664	0.646	0.496	0.522	0.549	0.558	0.566	0.584
172.0	0.646	0.646	0.655	0.664	0.558	0.531	0.549	0.558	0.575	0.584
172.5	0.646	0.646	0.646	0.664	0.619	0.531	0.549	0.558	0.566	0.584
173.0	0.637	0.646	0.646	0.655	0.655	0.558	0.558	0.566	0.566	0.584
173.5	0.646	0.646	0.646	0.646	0.664	0.628	0.549	0.558	0.566	0.584
174.0	0.646	0.646	0.646	0.646	0.655	0.655	0.619	0.558	0.558	0.584
174.5	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.628	0.602	0.584
175.0	0.646	0.646	0.646	0.646	0.646	0.637	0.637	0.619	0.611	0.584
175.5	0.637	0.637	0.646	0.646	0.646	0.637	0.628	0.619	0.602	0.584
176.0	0.637	0.637	0.646	0.646	0.637	0.637	0.628	0.619	0.602	0.593
176.5	0.637	0.637	0.637	0.637	0.637	0.628	0.628	0.611	0.602	0.593
177.0	0.637	0.637	0.637	0.637	0.628	0.628	0.619	0.619	0.611	0.602
177.5	0.637	0.637	0.637	0.637	0.628	0.628	0.619	0.619	0.611	0.611
178.0	0.628	0.628	0.628	0.628	0.628	0.628	0.619	0.619	0.611	0.611
178.5	0.628	0.628	0.628	0.628	0.628	0.628	0.619	0.619	0.619	0.611
179.0	0.628	0.628	0.628	0.628	0.628	0.628	0.619	0.619	0.619	0.619
179.5	0.628	0.628	0.628	0.628	0.628	0.628	0.619	0.619	0.619	0.619
180.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628

Vert. Horizontal Angles
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	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931
0.5	734.975	731.851	728.842	726.036	723.532	721.408	719.717	718.478	717.726	717.425
1.0	735.063	728.762	722.709	717.169	712.407	708.602	705.805	703.956	702.973	702.610
1.5	735.577	725.965	716.806	708.903	702.849	699.185	696.814	695.327	694.389	693.928
2.0	735.267	722.558	710.859	701.849	696.734	693.636	691.601	690.477	689.769	689.362
2.5	735.285	719.301	705.389	696.946	692.459	689.919	688.689	688.247	688.264	688.388
3.0	735.001	715.912	700.787	693.291	689.220	687.371	687.185	687.574	688.087	688.371
3.5	734.506	712.221	696.929	690.238	686.875	685.857	686.433	687.344	687.548	687.512
4.0	733.692	708.628	693.619	687.530	685.043	684.769	685.893	686.468	686.424	686.583
4.5	733.037	705.380	691.158	685.645	683.742	684.123	685.025	685.132	685.202	685.565
5.0	731.762	701.858	689.043	684.291	682.742	683.601	683.884	683.875	684.052	684.397
5.5	730.647	698.787	687.079	683.061	681.813	682.804	682.680	682.618	683.149	683.220
6.0	729.576	696.583	685.450	681.786	680.769	681.565	681.512	681.512	682.167	682.167
6.5	728.063	694.282	683.760	680.379	679.583	680.238	680.238	680.538	680.981	681.096
7.0	726.302	691.725	682.069	678.963	678.406	678.866	679.087	679.565	679.609	679.945
7.5	724.673	689.583	680.202	677.467	677.237	677.715	677.928	678.600	677.299	677.945
8.0	722.479	687.548	678.857	675.892	675.998	676.591	676.220	676.414	673.804	673.405
8.5	720.717	685.848	677.813	674.556	674.644	675.485	673.627	672.246	668.184	666.741
9.0	718.921	684.264	676.556	673.370	673.096	674.069	669.547	666.193	660.113	658.759
9.5	716.832	682.114	674.848	671.998	671.441	671.600	664.369	659.042	651.670	650.997
10.0	714.832	679.857	672.697	670.564	669.441	668.219	657.856	651.395	644.793	644.829
10.5	713.080	678.043	670.821	669.379	666.865	663.768	651.378	643.846	638.890	639.103
11.0	711.089	676.308	669.175	668.060	663.644	658.192	645.209	636.952	632.209	632.961
11.5	709.354	674.644	667.423	666.724	659.582	651.378	639.041	629.943	625.199	625.580
12.0	707.602	673.025	665.582	665.210	654.953	644.351	632.731	622.235	618.314	617.739

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CANDELA TABULATION - (Cont.)

12.5	705.973	671.370	663.883	663.591	650.404	636.793	626.244	614.402	611.623	611.066
13.0	703.956	669.679	661.989	661.953	645.908	629.518	619.571	607.827	606.207	606.685
13.5	701.955	667.980	660.334	659.918	641.678	622.810	612.951	602.490	602.765	603.906
14.0	699.752	666.423	658.626	657.413	636.864	616.748	606.880	599.880	600.588	601.596
14.5	697.159	664.591	656.953	654.865	632.032	610.854	601.765	598.348	599.172	600.154
15.0	694.513	662.352	654.847	651.519	627.040	605.924	597.375	596.853	597.676	598.623
15.5	692.468	660.352	652.484	647.386	621.597	601.906	594.039	595.304	595.897	596.773
16.0	690.769	658.962	650.103	642.979	615.473	598.225	591.755	593.844	593.764	594.782
16.5	689.300	657.927	648.280	638.315	609.473	594.614	590.100	592.419	591.932	592.808
17.0	687.264	656.626	646.501	633.695	603.366	591.313	588.560	590.968	590.454	590.746
17.5	685.583	655.148	644.368	629.500	597.490	588.578	586.764	589.614	589.454	588.870
18.0	683.999	653.820	641.979	624.845	592.348	585.958	584.958	588.180	588.047	587.392
18.5	680.919	652.298	639.563	620.199	587.702	583.215	583.047	585.826	585.817	585.551
19.0	676.344	650.440	637.457	615.925	584.038	580.631	581.144	582.418	582.808	582.436
19.5	671.308	647.864	635.377	611.606	581.100	578.409	579.551	578.781	579.392	578.542
20.0	664.980	644.130	632.253	607.924	578.542	576.772	578.294	575.710	576.551	574.790
20.5	659.891	640.094	628.306	604.543	576.728	575.808	577.259	573.613	574.630	572.091
21.0	654.626	636.306	623.792	600.756	574.896	575.055	575.144	572.533	573.259	570.303
21.5	648.820	632.368	619.509	596.313	572.852	573.905	572.108	571.453	572.055	568.435
22.0	643.218	628.182	614.332	591.676	570.967	572.126	568.931	570.002	570.719	566.736
22.5	639.758	623.553	607.977	585.631	569.214	570.135	566.418	568.772	569.542	565.975
23.0	636.616	618.208	601.198	579.206	567.196	568.604	564.648	567.559	568.453	565.975
23.5	633.120	613.517	594.800	574.055	565.462	566.612	563.117	565.984	567.373	566.064
24.0	629.651	610.269	588.976	569.312	563.444	564.134	561.683	564.621	566.294	565.347
24.5	626.341	607.597	583.790	562.771	560.364	561.709	560.355	562.603	564.462	563.010
25.0	622.951	604.897	578.436	556.187	555.957	559.090	558.550	559.585	560.276	559.267
25.5	618.854	601.596	572.144	549.550	551.169	556.116	556.683	556.081	553.452	552.081
26.0	614.402	597.251	566.214	542.868	547.080	553.329	554.656	551.505	543.116	541.753
26.5	609.322	591.233	560.276	537.248	543.824	550.620	551.328	544.735	531.434	530.522
27.0	602.791	584.445	554.045	532.797	540.602	547.903	546.815	534.956	518.300	518.132
27.5	595.534	578.445	548.125	529.026	537.275	544.275	541.301	522.185	505.556	506.016
28.0	588.534	573.108	543.355	525.345	533.841	539.416	534.637	508.848	494.007	494.334
28.5	582.905	567.772	539.319	521.769	530.248	533.372	526.610	497.202	483.006	481.413
29.0	577.852	563.072	535.098	518.583	526.602	525.964	516.743	486.971	471.112	468.006
29.5	572.639	559.709	531.336	515.477	522.646	518.114	504.105	476.926	458.518	453.085
30.0	567.984	557.081	527.336	511.919	518.672	511.548	490.193	466.138	446.226	439.544
30.5	564.285	554.320	522.380	507.114	514.468	505.627	477.927	454.801	434.500	429.968
31.0	561.099	550.912	516.725	501.335	509.388	500.202	468.324	444.810	425.490	424.685
31.5	557.984	545.558	510.618	495.476	503.441	493.927	460.014	435.057	419.260	422.083
32.0	554.559	538.186	503.804	490.334	497.228	485.307	451.509	425.322	415.339	420.083
32.5	550.284	530.239	496.396	485.865	491.379	475.510	442.341	415.915	412.720	417.720
33.0	544.948	522.398	488.945	481.723	485.617	465.271	432.464	409.003	410.428	414.888
33.5	539.292	514.822	482.316	478.086	479.573	454.987	422.587	404.498	408.286	411.613
34.0	533.257	507.707	476.121	475.555	473.457	445.040	412.906	401.135	405.826	408.534
34.5	527.371	501.432	471.032	473.440	466.908	435.048	404.082	398.816	403.259	405.587
35.0	521.557	495.680	467.758	470.643	460.058	425.402	396.648	396.241	400.436	402.896
35.5	515.813	490.290	465.802	466.758	452.562	414.003	390.639	393.436	397.029	399.754
36.0	510.972	485.555	463.775	461.943	444.004	403.056	385.780	390.073	392.179	395.896
36.5	506.627	482.166	460.271	456.934	435.031	393.843	380.320	384.966	385.586	388.444
37.0	500.467	478.918	455.023	450.138	426.145	387.966	374.576	378.585	377.107	377.090
37.5	493.609	474.873	448.598	440.845	417.738	382.311	370.231	371.983	366.868	363.620
38.0	488.909	470.139	442.323	429.791	409.074	377.302	366.027	365.487	356.540	353.336
38.5	487.396	463.882	435.473	418.596	399.843	373.293	361.319	358.903	349.194	347.796
39.0	488.228	456.952	427.260	409.074	390.683	369.576	356.478	352.575	344.716	346.079
39.5	491.131	450.996	418.888	400.533	382.913	364.992	351.911	346.460	342.132	345.221
40.0	492.839	448.376	412.224	393.975	375.497	359.788	347.469	340.477	339.831	343.778

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CANDELA TABULATION - (Cont.)

40.5	489.148	447.766	407.304	388.816	367.956	353.133	342.628	335.026	337.539	341.911
41.0	477.794	445.367	404.542	383.046	361.779	344.371	337.300	329.760	335.176	339.300
41.5	464.616	436.694	404.587	377.355	356.876	333.937	331.654	324.211	331.583	336.070
42.0	452.492	421.871	405.091	372.045	351.637	326.653	324.441	319.706	325.114	330.370
42.5	440.783	409.304	403.781	367.956	345.079	321.246	315.945	316.317	315.609	321.228
43.0	426.782	402.294	400.285	365.381	336.698	316.202	307.998	310.865	306.263	311.529
43.5	413.171	396.462	392.975	363.443	329.415	310.591	301.590	302.104	298.988	303.228
44.0	407.109	387.409	382.718	359.098	324.016	305.024	295.404	293.041	290.722	293.811
44.5	408.587	377.603	373.789	352.372	318.264	301.050	290.360	285.492	279.837	283.731
45.0	409.728	368.443	366.496	345.955	312.467	296.245	285.926	278.271	269.279	275.899
45.5	406.994	358.761	360.584	337.035	307.484	290.545	280.147	271.819	261.509	268.721
46.0	402.879	352.301	356.885	326.096	300.927	283.988	274.766	265.341	256.305	259.774
46.5	397.091	349.504	352.416	317.441	293.395	276.607	269.952	257.694	251.544	250.207
47.0	390.781	348.770	342.628	311.670	287.979	267.288	265.456	251.765	245.331	243.968
47.5	385.736	346.292	328.990	304.139	282.873	259.376	259.924	248.278	239.269	239.817
48.0	380.276	340.451	315.733	295.263	275.713	255.473	251.641	245.809	234.622	235.392
48.5	370.045	329.415	306.396	288.873	270.987	252.349	242.924	240.454	229.153	231.012
49.0	358.425	315.803	297.351	285.846	268.075	248.411	236.215	231.312	222.896	226.463
49.5	356.018	306.918	289.386	281.766	263.739	244.685	230.348	223.861	216.250	217.710
50.0	356.867	301.581	284.811	273.907	257.438	239.631	222.144	218.825	208.656	208.196
50.5	350.371	294.926	280.793	264.659	247.871	232.782	214.374	209.966	202.692	203.984
51.0	339.734	291.112	275.500	256.668	237.702	223.462	211.294	196.974	197.824	199.258
51.5	330.884	286.590	269.314	248.543	230.295	215.967	206.028	189.036	192.133	193.833
52.0	321.990	275.624	263.464	239.941	226.976	211.966	195.373	188.257	185.505	188.399
52.5	314.086	268.217	255.119	233.206	224.781	205.913	186.381	185.098	176.327	180.531
53.0	309.378	265.615	245.711	227.799	220.967	196.337	180.407	176.292	168.433	169.814
53.5	294.245	265.597	238.631	223.135	215.320	189.328	173.584	165.831	162.990	156.592
54.0	279.651	264.190	231.135	221.763	210.391	181.115	164.884	150.530	155.857	147.052
54.5	272.253	255.438	224.772	218.533	204.816	172.557	155.468	141.458	146.760	141.078
55.0	264.633	241.375	217.763	211.453	197.417	168.380	149.291	138.007	134.396	134.936
55.5	262.464	230.675	213.037	202.913	184.682	164.840	142.706	133.715	127.219	129.086
56.0	254.597	221.046	210.426	188.664	173.000	158.654	134.608	130.697	125.183	123.457
56.5	245.304	218.666	204.780	174.522	164.814	150.361	129.414	125.909	119.209	120.033
57.0	244.720	219.498	194.974	165.168	158.813	142.697	125.980	117.864	111.147	118.776
57.5	239.313	210.391	185.284	154.176	152.264	136.573	121.041	114.015	106.067	111.492
58.0	228.534	201.506	180.460	147.494	142.821	133.369	116.705	112.413	100.624	101.058
58.5	218.958	196.010	176.106	146.202	136.936	126.900	112.085	108.359	96.376	96.952
59.0	212.462	188.062	164.539	143.689	136.051	121.059	107.103	100.571	91.633	94.633
59.5	207.143	180.336	155.760	138.724	132.900	116.068	97.969	91.518	81.084	89.279
60.0	200.399	174.239	150.742	136.201	127.891	110.342	94.633	82.208	73.836	79.278
60.5	185.478	170.593	146.370	135.573	118.528	101.837	88.934	76.836	66.605	68.118
61.0	174.726	164.035	141.919	131.095	114.590	89.907	79.340	71.340	61.171	62.534
61.5	170.371	147.636	136.494	122.873	110.997	82.163	70.349	65.994	55.454	61.366
62.0	167.477	137.051	130.511	114.448	103.297	76.172	64.171	59.835	49.710	59.649
62.5	151.662	133.378	131.476	109.988	92.668	72.712	59.516	54.861	46.639	57.897
63.0	140.582	127.369	121.829	105.510	85.234	69.765	54.543	50.896	45.117	52.826
63.5	141.688	123.139	107.448	94.907	80.172	65.251	50.737	46.560	40.365	45.144
64.0	132.467	122.325	101.306	83.730	77.358	60.614	47.392	42.719	33.453	43.330
64.5	120.360	112.926	90.297	80.508	67.428	57.410	45.701	38.639	27.585	36.285
65.0	121.024	99.872	79.809	77.712	62.649	53.082	39.728	31.435	21.045	26.240
65.5	112.510	96.217	73.809	68.791	58.844	49.011	37.612	27.647	19.797	21.311
66.0	109.855	91.783	69.906	63.401	53.932	43.896	34.736	20.488	17.479	18.895
66.5	101.421	83.208	68.154	60.605	48.303	37.905	28.833	18.806	15.903	17.948
67.0	93.916	79.084	62.720	56.330	45.135	34.710	26.541	17.434	13.664	17.284
67.5	88.996	71.048	57.206	51.949	43.577	29.780	22.426	15.983	12.638	16.788
68.0	80.623	64.853	53.896	47.064	35.276	25.001	15.815	15.018	11.930	16.505

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CANDELA TABULATION - (Cont.)

68.5	75.446	60.941	50.693	42.940	31.506	22.452	12.390	13.948	11.346	15.293
69.0	75.349	57.091	47.719	36.816	30.497	19.381	10.815	11.576	10.505	14.231
69.5	74.251	53.436	43.507	30.878	22.408	17.204	10.346	10.487	10.018	13.160
70.0	67.756	49.525	36.312	28.391	21.249	17.311	9.611	9.416	9.461	12.098
70.5	59.109	45.524	31.701	25.515	19.116	16.001	9.009	8.655	8.593	11.071
71.0	53.445	38.259	34.887	23.691	14.779	12.213	8.850	8.018	7.735	9.965
71.5	48.418	31.453	33.134	20.691	11.762	9.903	7.744	7.062	7.213	8.567
72.0	43.241	33.595	25.134	16.434	10.956	7.691	6.584	6.345	6.399	7.478
72.5	38.011	30.090	20.098	15.487	7.620	6.275	6.018	5.761	5.531	6.646
73.0	35.719	21.957	17.603	13.771	7.036	5.717	5.257	5.213	5.195	5.691
73.5	31.922	20.143	14.133	10.691	6.593	5.106	4.655	4.593	4.522	5.301
74.0	22.346	19.488	11.496	9.027	5.797	4.567	4.106	4.018	4.221	5.106
74.5	23.196	14.071	9.540	8.204	5.071	4.115	3.708	3.496	3.921	4.336
75.0	13.664	11.487	7.399	7.133	4.558	3.699	3.239	3.186	3.469	3.885
75.5	11.390	9.753	6.213	6.115	4.115	3.257	2.823	2.850	3.159	3.584
76.0	8.806	7.310	5.505	5.124	3.628	2.894	2.443	2.505	2.699	3.151
76.5	7.638	6.416	4.938	4.115	3.239	2.575	2.186	2.133	2.354	2.770
77.0	6.301	5.708	4.416	3.443	2.841	2.248	1.876	1.797	1.938	2.372
77.5	5.522	4.983	3.885	3.151	2.487	1.982	1.664	1.566	1.620	2.071
78.0	4.912	4.248	3.451	2.859	2.212	1.805	1.425	1.310	1.310	1.664
78.5	4.443	3.628	3.106	2.575	1.982	1.611	1.212	1.053	1.062	1.345
79.0	4.009	3.248	2.797	2.319	1.797	1.398	1.053	0.867	0.850	1.115
79.5	3.567	2.903	2.505	2.097	1.628	1.212	0.912	0.717	0.699	0.912
80.0	3.115	2.628	2.292	1.920	1.478	1.071	0.788	0.602	0.558	0.752
80.5	2.885	2.443	2.142	1.770	1.345	0.947	0.681	0.504	0.460	0.611
81.0	2.726	2.292	2.000	1.637	1.212	0.850	0.593	0.425	0.372	0.487
81.5	2.575	2.159	1.867	1.522	1.080	0.770	0.531	0.354	0.292	0.389
82.0	2.407	2.018	1.735	1.416	0.956	0.681	0.469	0.292	0.221	0.301
82.5	2.274	1.885	1.593	1.310	0.867	0.602	0.407	0.239	0.168	0.230
83.0	2.133	1.752	1.496	1.195	0.814	0.531	0.345	0.186	0.133	0.168
83.5	1.974	1.628	1.434	1.089	0.752	0.478	0.283	0.150	0.097	0.115
84.0	1.841	1.513	1.363	1.000	0.673	0.425	0.230	0.115	0.071	0.071
84.5	1.717	1.389	1.274	0.920	0.584	0.363	0.195	0.088	0.044	0.035
85.0	1.558	1.283	1.186	0.850	0.531	0.319	0.159	0.071	0.035	0.027
85.5	1.425	1.186	1.080	0.779	0.487	0.274	0.133	0.053	0.027	0.027
86.0	1.336	1.106	0.947	0.690	0.442	0.248	0.115	0.044	0.027	0.027
86.5	1.248	1.018	0.832	0.611	0.389	0.221	0.097	0.035	0.027	0.027
87.0	1.159	0.938	0.752	0.558	0.345	0.195	0.088	0.035	0.027	0.027
87.5	1.080	0.867	0.681	0.504	0.310	0.168	0.080	0.035	0.027	0.027
88.0	1.000	0.796	0.628	0.451	0.283	0.150	0.071	0.035	0.035	0.027
88.5	0.929	0.743	0.584	0.416	0.257	0.142	0.071	0.035	0.035	0.027
89.0	0.867	0.690	0.540	0.381	0.230	0.133	0.071	0.035	0.035	0.035
89.5	0.805	0.637	0.496	0.354	0.212	0.124	0.062	0.035	0.035	0.035
90.0	0.743	0.584	0.460	0.327	0.195	0.115	0.062	0.035	0.035	0.035
90.5	0.681	0.540	0.434	0.301	0.186	0.115	0.062	0.035	0.044	0.035
91.0	0.628	0.504	0.398	0.274	0.177	0.106	0.062	0.035	0.044	0.044
91.5	0.584	0.469	0.381	0.257	0.168	0.106	0.062	0.035	0.044	0.044
92.0	0.540	0.434	0.354	0.239	0.159	0.097	0.062	0.035	0.044	0.044
92.5	0.496	0.407	0.336	0.230	0.150	0.097	0.062	0.035	0.053	0.044
93.0	0.460	0.389	0.319	0.212	0.142	0.088	0.062	0.035	0.053	0.053
93.5	0.425	0.363	0.301	0.204	0.142	0.088	0.053	0.035	0.053	0.053
94.0	0.398	0.345	0.283	0.195	0.133	0.088	0.053	0.035	0.062	0.053
94.5	0.372	0.327	0.265	0.186	0.124	0.080	0.053	0.044	0.062	0.062
95.0	0.345	0.310	0.248	0.168	0.124	0.080	0.053	0.044	0.062	0.062
95.5	0.327	0.292	0.230	0.159	0.115	0.071	0.053	0.044	0.071	0.062
96.0	0.301	0.274	0.221	0.150	0.106	0.071	0.053	0.044	0.071	0.071

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CANDELA TABULATION - (Cont.)

96.5	0.283	0.257	0.204	0.142	0.106	0.071	0.053	0.044	0.071	0.071
97.0	0.257	0.239	0.186	0.133	0.097	0.062	0.053	0.053	0.080	0.071
97.5	0.230	0.221	0.168	0.115	0.088	0.062	0.053	0.053	0.080	0.080
98.0	0.204	0.195	0.150	0.106	0.088	0.062	0.053	0.053	0.088	0.080
98.5	0.177	0.177	0.133	0.097	0.080	0.062	0.053	0.062	0.088	0.080
99.0	0.159	0.159	0.124	0.097	0.080	0.062	0.062	0.062	0.088	0.088
99.5	0.142	0.142	0.115	0.088	0.080	0.062	0.062	0.062	0.097	0.088
100.0	0.124	0.133	0.106	0.088	0.071	0.062	0.062	0.062	0.097	0.088
100.5	0.115	0.115	0.097	0.080	0.071	0.062	0.062	0.071	0.097	0.097
101.0	0.106	0.106	0.097	0.080	0.071	0.071	0.062	0.071	0.106	0.097
101.5	0.097	0.097	0.088	0.080	0.080	0.071	0.071	0.071	0.106	0.097
102.0	0.088	0.088	0.088	0.080	0.080	0.071	0.071	0.071	0.115	0.106
102.5	0.088	0.088	0.088	0.080	0.080	0.080	0.071	0.080	0.115	0.106
103.0	0.080	0.080	0.088	0.080	0.080	0.080	0.080	0.080	0.124	0.115
103.5	0.080	0.080	0.088	0.088	0.088	0.080	0.080	0.080	0.124	0.115
104.0	0.080	0.080	0.088	0.088	0.088	0.088	0.080	0.088	0.124	0.124
104.5	0.080	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.133	0.124
105.0	0.080	0.088	0.088	0.097	0.097	0.088	0.088	0.088	0.133	0.133
105.5	0.088	0.088	0.097	0.097	0.097	0.097	0.088	0.097	0.142	0.133
106.0	0.088	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.142	0.133
106.5	0.088	0.097	0.097	0.106	0.106	0.097	0.097	0.106	0.150	0.142
107.0	0.097	0.097	0.106	0.106	0.106	0.106	0.097	0.106	0.150	0.142
107.5	0.097	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.159	0.150
108.0	0.097	0.106	0.115	0.115	0.115	0.106	0.106	0.115	0.159	0.150
108.5	0.106	0.106	0.115	0.115	0.115	0.115	0.106	0.115	0.168	0.159
109.0	0.106	0.115	0.115	0.124	0.115	0.115	0.115	0.124	0.168	0.159
109.5	0.115	0.115	0.124	0.124	0.124	0.115	0.115	0.124	0.177	0.168
110.0	0.115	0.124	0.124	0.124	0.124	0.124	0.115	0.124	0.177	0.168
110.5	0.115	0.124	0.124	0.133	0.133	0.124	0.124	0.133	0.177	0.177
111.0	0.124	0.124	0.133	0.133	0.133	0.133	0.124	0.133	0.186	0.177
111.5	0.124	0.133	0.133	0.142	0.133	0.133	0.133	0.142	0.186	0.177
112.0	0.124	0.133	0.142	0.142	0.142	0.142	0.133	0.142	0.195	0.186
112.5	0.133	0.133	0.142	0.142	0.142	0.142	0.133	0.150	0.195	0.186
113.0	0.133	0.142	0.142	0.150	0.150	0.142	0.142	0.150	0.195	0.195
113.5	0.133	0.142	0.150	0.150	0.150	0.150	0.142	0.150	0.204	0.195
114.0	0.142	0.150	0.150	0.159	0.150	0.150	0.150	0.159	0.204	0.195
114.5	0.142	0.150	0.159	0.159	0.159	0.159	0.150	0.159	0.212	0.204
115.0	0.150	0.150	0.159	0.159	0.159	0.159	0.150	0.168	0.212	0.204
115.5	0.150	0.159	0.168	0.168	0.168	0.159	0.159	0.168	0.212	0.204
116.0	0.159	0.159	0.168	0.168	0.168	0.168	0.159	0.177	0.221	0.212
116.5	0.159	0.168	0.177	0.177	0.177	0.168	0.168	0.177	0.221	0.212
117.0	0.159	0.168	0.177	0.177	0.177	0.177	0.168	0.186	0.230	0.221
117.5	0.168	0.177	0.186	0.186	0.186	0.177	0.168	0.186	0.230	0.221
118.0	0.168	0.177	0.186	0.186	0.186	0.186	0.177	0.195	0.230	0.221
118.5	0.177	0.186	0.186	0.195	0.195	0.186	0.177	0.195	0.239	0.230
119.0	0.177	0.186	0.195	0.195	0.195	0.195	0.186	0.195	0.239	0.230
119.5	0.186	0.195	0.195	0.204	0.195	0.195	0.186	0.204	0.248	0.239
120.0	0.186	0.195	0.204	0.204	0.204	0.204	0.195	0.212	0.248	0.239
120.5	0.195	0.204	0.204	0.212	0.204	0.204	0.195	0.212	0.257	0.248
121.0	0.195	0.204	0.212	0.212	0.212	0.212	0.204	0.221	0.257	0.248
121.5	0.204	0.212	0.212	0.221	0.212	0.212	0.204	0.221	0.265	0.257
122.0	0.204	0.212	0.221	0.221	0.221	0.212	0.212	0.230	0.265	0.257
122.5	0.212	0.221	0.221	0.230	0.221	0.221	0.212	0.230	0.274	0.257
123.0	0.212	0.221	0.230	0.230	0.230	0.221	0.221	0.239	0.274	0.265
123.5	0.221	0.230	0.239	0.239	0.239	0.230	0.221	0.239	0.283	0.265
124.0	0.230	0.230	0.239	0.239	0.239	0.239	0.230	0.248	0.283	0.274

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CANDELA TABULATION - (Cont.)

124.5	0.230	0.239	0.248	0.248	0.248	0.239	0.230	0.257	0.292	0.274
125.0	0.239	0.248	0.257	0.257	0.248	0.248	0.239	0.257	0.301	0.283
125.5	0.248	0.248	0.257	0.257	0.257	0.248	0.239	0.265	0.301	0.292
126.0	0.248	0.257	0.265	0.265	0.265	0.257	0.248	0.274	0.310	0.292
126.5	0.257	0.265	0.274	0.274	0.265	0.265	0.248	0.274	0.319	0.301
127.0	0.265	0.274	0.274	0.283	0.274	0.265	0.257	0.283	0.327	0.310
127.5	0.265	0.274	0.283	0.283	0.283	0.274	0.265	0.292	0.327	0.319
128.0	0.274	0.283	0.292	0.292	0.292	0.283	0.265	0.301	0.336	0.319
128.5	0.283	0.292	0.292	0.301	0.292	0.292	0.274	0.310	0.345	0.327
129.0	0.283	0.292	0.301	0.301	0.301	0.292	0.283	0.319	0.354	0.336
129.5	0.292	0.301	0.310	0.310	0.310	0.301	0.292	0.327	0.363	0.345
130.0	0.292	0.301	0.310	0.310	0.310	0.310	0.292	0.336	0.372	0.354
130.5	0.301	0.310	0.319	0.319	0.319	0.319	0.301	0.336	0.381	0.363
131.0	0.310	0.310	0.319	0.327	0.327	0.319	0.310	0.345	0.389	0.372
131.5	0.310	0.319	0.327	0.327	0.327	0.327	0.310	0.354	0.398	0.381
132.0	0.319	0.327	0.327	0.336	0.336	0.327	0.319	0.363	0.407	0.381
132.5	0.319	0.327	0.336	0.336	0.336	0.336	0.319	0.372	0.416	0.389
133.0	0.319	0.336	0.345	0.345	0.345	0.336	0.327	0.381	0.425	0.398
133.5	0.327	0.336	0.345	0.345	0.354	0.345	0.336	0.389	0.434	0.407
134.0	0.336	0.345	0.354	0.354	0.354	0.354	0.336	0.398	0.442	0.416
134.5	0.336	0.345	0.354	0.363	0.363	0.354	0.345	0.407	0.451	0.425
135.0	0.345	0.354	0.363	0.363	0.363	0.363	0.345	0.416	0.460	0.434
135.5	0.345	0.354	0.363	0.372	0.372	0.363	0.345	0.425	0.469	0.442
136.0	0.354	0.363	0.372	0.372	0.372	0.372	0.354	0.425	0.478	0.451
136.5	0.354	0.363	0.372	0.381	0.381	0.381	0.354	0.434	0.487	0.460
137.0	0.363	0.372	0.381	0.381	0.389	0.381	0.363	0.442	0.496	0.469
137.5	0.363	0.372	0.381	0.389	0.389	0.389	0.363	0.451	0.504	0.478
138.0	0.363	0.372	0.389	0.389	0.398	0.389	0.372	0.460	0.504	0.487
138.5	0.372	0.381	0.389	0.398	0.398	0.398	0.381	0.469	0.513	0.504
139.0	0.372	0.381	0.389	0.398	0.407	0.398	0.381	0.478	0.522	0.513
139.5	0.372	0.381	0.398	0.398	0.407	0.407	0.389	0.487	0.531	0.513
140.0	0.372	0.389	0.398	0.407	0.407	0.407	0.389	0.496	0.540	0.522
140.5	0.381	0.389	0.398	0.407	0.416	0.407	0.398	0.504	0.549	0.531
141.0	0.381	0.389	0.398	0.407	0.416	0.416	0.398	0.513	0.558	0.540
141.5	0.381	0.389	0.407	0.407	0.416	0.416	0.398	0.513	0.558	0.540
142.0	0.381	0.389	0.407	0.416	0.416	0.416	0.407	0.522	0.566	0.549
142.5	0.381	0.389	0.407	0.416	0.416	0.416	0.407	0.531	0.575	0.558
143.0	0.389	0.398	0.407	0.416	0.416	0.425	0.407	0.540	0.584	0.566
143.5	0.389	0.398	0.407	0.416	0.416	0.425	0.407	0.549	0.584	0.575
144.0	0.389	0.398	0.407	0.416	0.425	0.425	0.407	0.558	0.593	0.575
144.5	0.398	0.407	0.416	0.416	0.425	0.425	0.416	0.566	0.602	0.584
145.0	0.398	0.407	0.416	0.416	0.425	0.425	0.416	0.566	0.602	0.593
145.5	0.398	0.407	0.416	0.425	0.425	0.425	0.416	0.575	0.611	0.593
146.0	0.407	0.416	0.416	0.425	0.425	0.425	0.416	0.584	0.619	0.602
146.5	0.407	0.416	0.425	0.425	0.425	0.434	0.416	0.593	0.619	0.611
147.0	0.407	0.416	0.425	0.425	0.425	0.434	0.425	0.593	0.619	0.611
147.5	0.407	0.416	0.425	0.425	0.434	0.434	0.425	0.602	0.628	0.619
148.0	0.407	0.416	0.425	0.425	0.434	0.434	0.425	0.611	0.628	0.619
148.5	0.407	0.416	0.425	0.425	0.434	0.434	0.425	0.611	0.637	0.628
149.0	0.416	0.416	0.425	0.425	0.434	0.434	0.434	0.619	0.637	0.628
149.5	0.416	0.425	0.425	0.434	0.434	0.434	0.434	0.628	0.637	0.637
150.0	0.416	0.425	0.425	0.434	0.434	0.434	0.434	0.628	0.637	0.637
150.5	0.425	0.425	0.434	0.434	0.434	0.434	0.434	0.637	0.646	0.637
151.0	0.425	0.434	0.434	0.434	0.434	0.442	0.442	0.646	0.646	0.646
151.5	0.425	0.434	0.434	0.442	0.442	0.442	0.442	0.646	0.646	0.646
152.0	0.434	0.434	0.434	0.442	0.442	0.442	0.442	0.646	0.646	0.646

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CANDELA TABULATION - (Cont.)

152.5	0.434	0.434	0.442	0.442	0.442	0.442	0.451	0.655	0.655	0.646
153.0	0.434	0.434	0.442	0.442	0.442	0.442	0.460	0.655	0.655	0.655
153.5	0.434	0.442	0.442	0.451	0.451	0.442	0.460	0.655	0.655	0.655
154.0	0.434	0.442	0.442	0.451	0.451	0.451	0.469	0.655	0.655	0.655
154.5	0.442	0.442	0.442	0.451	0.451	0.451	0.478	0.646	0.655	0.655
155.0	0.442	0.442	0.451	0.451	0.451	0.451	0.478	0.646	0.655	0.655
155.5	0.442	0.442	0.451	0.451	0.451	0.451	0.487	0.646	0.646	0.655
156.0	0.442	0.442	0.451	0.451	0.460	0.451	0.496	0.646	0.646	0.655
156.5	0.442	0.442	0.451	0.460	0.460	0.451	0.504	0.646	0.646	0.655
157.0	0.442	0.451	0.451	0.460	0.460	0.451	0.513	0.655	0.646	0.655
157.5	0.451	0.451	0.451	0.460	0.460	0.451	0.513	0.655	0.646	0.646
158.0	0.451	0.451	0.460	0.460	0.460	0.451	0.522	0.655	0.646	0.646
158.5	0.460	0.460	0.460	0.460	0.460	0.451	0.531	0.655	0.646	0.646
159.0	0.460	0.460	0.460	0.469	0.460	0.451	0.540	0.655	0.646	0.646
159.5	0.469	0.469	0.469	0.469	0.469	0.451	0.549	0.655	0.646	0.646
160.0	0.478	0.478	0.469	0.469	0.469	0.460	0.558	0.655	0.646	0.655
160.5	0.478	0.478	0.478	0.478	0.469	0.460	0.566	0.655	0.646	0.655
161.0	0.487	0.487	0.487	0.478	0.478	0.460	0.575	0.655	0.646	0.655
161.5	0.487	0.487	0.487	0.487	0.478	0.469	0.575	0.646	0.646	0.655
162.0	0.496	0.496	0.487	0.487	0.487	0.469	0.584	0.646	0.646	0.655
162.5	0.496	0.496	0.496	0.496	0.496	0.469	0.593	0.637	0.646	0.655
163.0	0.504	0.504	0.496	0.496	0.496	0.478	0.602	0.637	0.646	0.655
163.5	0.504	0.504	0.504	0.496	0.496	0.487	0.602	0.628	0.646	0.655
164.0	0.504	0.504	0.504	0.504	0.496	0.496	0.611	0.628	0.637	0.646
164.5	0.504	0.513	0.504	0.504	0.504	0.496	0.619	0.628	0.637	0.646
165.0	0.504	0.504	0.513	0.504	0.504	0.504	0.619	0.619	0.637	0.646
165.5	0.504	0.504	0.513	0.513	0.504	0.522	0.619	0.619	0.628	0.637
166.0	0.504	0.504	0.513	0.513	0.504	0.531	0.619	0.619	0.628	0.637
166.5	0.504	0.504	0.504	0.513	0.504	0.540	0.619	0.619	0.628	0.637
167.0	0.513	0.504	0.504	0.513	0.504	0.558	0.619	0.619	0.628	0.628
167.5	0.513	0.513	0.504	0.504	0.504	0.566	0.619	0.619	0.628	0.628
168.0	0.522	0.513	0.513	0.513	0.504	0.575	0.619	0.619	0.628	0.628
168.5	0.540	0.522	0.513	0.513	0.504	0.584	0.611	0.619	0.628	0.628
169.0	0.549	0.540	0.522	0.513	0.504	0.593	0.611	0.619	0.628	0.628
169.5	0.566	0.558	0.531	0.522	0.522	0.593	0.602	0.611	0.619	0.628
170.0	0.575	0.566	0.549	0.522	0.540	0.602	0.602	0.611	0.619	0.628
170.5	0.584	0.575	0.566	0.531	0.558	0.602	0.593	0.611	0.619	0.628
171.0	0.584	0.584	0.575	0.549	0.575	0.602	0.593	0.602	0.619	0.619
171.5	0.593	0.593	0.584	0.558	0.593	0.593	0.602	0.602	0.611	0.619
172.0	0.602	0.602	0.593	0.575	0.593	0.593	0.602	0.602	0.611	0.619
172.5	0.602	0.602	0.593	0.584	0.593	0.593	0.602	0.602	0.602	0.611
173.0	0.602	0.611	0.593	0.584	0.593	0.593	0.602	0.602	0.602	0.611
173.5	0.611	0.611	0.584	0.584	0.593	0.593	0.602	0.602	0.602	0.611
174.0	0.611	0.584	0.575	0.584	0.593	0.602	0.602	0.602	0.602	0.602
174.5	0.558	0.566	0.575	0.584	0.593	0.602	0.602	0.602	0.611	0.611
175.0	0.566	0.566	0.575	0.584	0.593	0.602	0.602	0.602	0.611	0.611
175.5	0.575	0.575	0.584	0.593	0.593	0.602	0.602	0.602	0.602	0.611
176.0	0.584	0.584	0.584	0.593	0.593	0.602	0.602	0.602	0.611	0.611
176.5	0.584	0.584	0.593	0.593	0.602	0.602	0.602	0.602	0.611	0.611
177.0	0.593	0.593	0.602	0.602	0.602	0.602	0.611	0.611	0.611	0.611
177.5	0.602	0.602	0.602	0.602	0.602	0.611	0.611	0.611	0.611	0.611
178.0	0.611	0.611	0.611	0.611	0.611	0.611	0.611	0.611	0.611	0.611
178.5	0.611	0.611	0.611	0.611	0.611	0.611	0.611	0.619	0.619	0.619
179.0	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619
179.5	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619
180.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0.0	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931	734.931
0.5	717.611	718.284	719.452	721.089	723.160	725.629	728.408	731.417	734.523	737.647
1.0	702.832	703.779	705.672	708.522	712.283	716.885	722.213	728.160	734.523	740.913
1.5	694.061	694.902	696.575	699.247	703.221	709.018	716.363	725.010	734.736	744.586
2.0	689.565	690.150	691.167	693.123	696.575	702.150	710.505	721.302	734.461	747.807
2.5	688.813	689.282	689.636	690.211	691.849	696.822	705.495	718.328	734.417	750.701
3.0	688.725	689.123	689.433	689.822	690.681	693.433	701.362	715.638	734.364	753.914
3.5	688.008	688.574	689.247	689.742	690.256	691.495	698.176	712.655	734.178	756.047
4.0	687.167	688.105	689.123	689.521	690.017	690.893	695.663	710.080	734.010	758.985
4.5	686.167	687.318	688.663	688.804	689.326	690.866	693.619	707.947	734.470	761.401
5.0	685.025	686.132	687.689	688.079	688.751	690.158	692.238	705.442	734.700	764.118
5.5	683.601	684.955	686.742	687.521	688.530	689.857	690.282	703.442	735.408	766.162
6.0	682.264	683.946	685.919	686.477	687.008	687.601	689.149	701.424	733.665	769.012
6.5	681.069	682.981	684.813	685.008	685.344	687.282	689.822	699.212	733.647	771.419
7.0	679.565	681.627	683.317	683.317	684.406	687.318	689.813	697.504	733.222	773.109
7.5	677.609	679.707	681.645	681.910	683.698	687.300	689.477	695.814	733.178	774.525
8.0	673.786	677.388	679.848	680.892	682.733	686.512	688.990	693.813	733.081	776.667
8.5	668.485	673.556	678.131	680.078	681.857	685.397	688.601	692.150	733.054	778.304
9.0	661.343	667.971	675.653	679.388	681.361	684.397	687.902	690.787	733.054	778.933
9.5	653.749	660.803	671.697	678.954	681.397	683.512	687.141	689.875	732.647	779.862
10.0	647.041	653.307	666.272	677.317	680.804	682.857	686.565	689.282	732.249	780.048
10.5	641.227	646.997	659.493	674.273	680.140	682.335	686.061	688.548	732.107	779.942
11.0	635.660	642.094	652.245	669.741	679.237	681.919	685.556	688.353	731.922	780.234
11.5	628.377	636.306	646.298	663.768	677.892	681.530	684.893	687.840	731.452	780.481
12.0	619.819	629.660	641.315	656.511	675.892	680.547	684.211	687.238	731.045	780.269
12.5	612.942	621.677	635.864	649.661	672.529	679.538	683.397	686.406	730.390	779.933
13.0	607.906	614.119	629.182	644.315	668.078	678.521	682.556	685.194	729.364	779.207
13.5	604.552	608.234	621.686	639.598	662.865	677.406	681.158	684.008	728.390	778.189
14.0	602.853	604.446	614.438	634.970	656.997	675.733	679.591	682.344	727.107	777.127
14.5	601.331	602.517	608.588	629.677	651.333	674.529	678.140	680.627	725.700	776.349
15.0	599.517	601.216	604.738	623.305	646.006	672.857	676.582	679.025	724.523	775.030
15.5	597.437	600.074	602.596	616.783	640.306	670.688	675.485	677.786	723.151	773.260
16.0	595.109	598.384	601.304	610.712	634.341	667.317	674.175	675.733	721.576	771.322
16.5	593.729	597.163	600.012	605.676	629.208	662.723	672.998	674.025	719.691	769.791
17.0	592.171	595.968	598.879	602.110	624.739	657.263	671.857	672.299	717.646	768.357
17.5	590.870	594.685	597.357	599.632	620.314	651.156	670.556	670.883	715.602	766.941
18.0	589.897	592.366	595.844	597.817	615.217	644.997	668.768	669.954	713.505	765.569
18.5	587.950	590.693	594.180	596.525	609.606	640.271	666.839	668.803	711.204	764.100
19.0	584.250	589.100	592.596	595.224	604.128	636.961	664.653	667.732	708.761	762.746
19.5	580.144	586.259	590.313	593.994	599.924	633.403	662.086	666.679	706.956	761.817
20.0	576.524	581.834	588.445	592.251	596.605	629.527	659.095	665.334	704.849	760.640
20.5	574.153	577.551	586.153	589.640	594.463	625.182	656.095	663.794	702.478	759.410
21.0	572.878	574.577	584.047	587.481	592.684	618.854	653.218	662.254	700.141	758.126
21.5	571.542	572.799	581.383	585.569	590.268	611.977	650.068	660.644	697.778	756.728
22.0	569.559	571.515	577.852	584.206	587.551	606.216	647.652	658.705	695.398	755.047
22.5	566.949	570.250	574.347	582.365	585.427	601.464	645.802	657.086	693.017	753.409
23.0	564.798	568.905	571.108	580.498	582.631	597.375	643.784	654.803	690.433	751.630
23.5	563.816	567.418	568.480	578.436	580.259	594.419	641.705	652.440	688.141	749.506
24.0	562.816	565.665	567.497	576.250	578.356	591.614	638.908	649.988	685.742	747.223
24.5	561.426	564.019	566.444	573.471	577.029	588.428	635.191	647.723	682.654	745.312
25.0	559.798	562.771	565.161	570.551	575.560	585.675	630.554	645.643	680.273	743.542
25.5	557.081	561.426	563.763	567.135	574.268	581.949	625.704	644.377	677.883	742.019
26.0	550.452	560.347	562.780	564.559	572.701	578.693	620.881	643.218	675.494	740.249

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CANDELA TABULATION - (Cont.)

26.5	541.151	558.532	562.276	562.904	570.975	575.294	615.801	641.660	672.892	737.771
27.0	529.823	553.222	561.648	560.975	569.011	572.303	610.615	639.581	669.910	735.054
27.5	518.212	544.204	560.833	560.426	567.462	569.940	606.181	637.510	665.927	731.028
28.0	505.689	533.416	559.692	559.939	565.577	568.028	602.880	634.660	661.484	725.063
28.5	493.149	522.115	556.497	559.647	563.364	566.657	600.667	631.766	655.935	717.177
29.0	480.378	510.672	550.001	558.462	561.612	565.471	598.384	628.102	649.351	707.814
29.5	466.298	499.689	541.009	556.594	559.736	564.541	595.074	624.146	642.298	698.840
30.0	451.182	488.334	531.257	554.302	557.709	563.772	590.897	619.881	635.704	691.220
30.5	437.544	476.404	521.300	551.505	555.621	562.568	585.728	614.845	630.430	685.132
31.0	427.340	463.828	510.804	548.550	553.815	560.249	580.224	609.712	626.129	679.326
31.5	422.083	450.474	500.052	545.257	552.001	557.461	573.993	603.933	622.465	675.998
32.0	419.702	438.217	489.263	538.478	549.974	554.559	567.241	599.826	619.119	674.936
32.5	416.746	429.225	478.351	530.363	547.195	551.532	559.975	597.216	616.341	675.078
33.0	414.313	423.260	466.722	521.159	544.027	547.788	553.302	595.269	614.332	675.529
33.5	411.923	418.870	454.359	512.247	540.850	543.594	546.833	593.516	613.057	675.255
34.0	409.649	415.074	442.243	503.946	537.974	538.938	541.585	591.516	611.243	672.582
34.5	407.427	412.047	431.544	496.388	534.221	534.628	536.965	589.463	607.995	667.786
35.0	404.250	409.870	423.853	486.768	528.814	530.142	533.212	586.047	603.561	661.856
35.5	401.480	407.693	418.977	475.847	522.177	525.371	529.531	582.011	598.375	655.077
36.0	399.002	405.303	414.923	464.917	514.875	521.389	526.203	577.834	592.463	648.882
36.5	395.666	403.330	410.029	453.828	507.087	518.176	522.716	573.763	587.180	642.891
37.0	391.453	400.418	405.330	443.146	499.246	514.743	518.513	569.135	581.941	638.112
37.5	380.771	396.666	402.091	433.827	492.609	511.008	514.265	563.294	577.825	633.855
38.0	366.540	393.763	399.551	425.791	487.113	507.397	509.804	557.408	573.223	629.129
38.5	355.283	389.117	396.692	418.180	481.989	503.459	504.937	552.948	567.586	623.297
39.0	350.672	381.320	393.683	410.463	474.811	499.060	500.211	548.850	561.922	617.084
39.5	349.699	370.691	391.197	403.047	465.607	494.538	494.901	544.859	556.842	609.792
40.0	348.787	361.487	388.338	396.542	454.748	490.741	489.414	540.691	551.833	601.800
40.5	346.654	354.867	382.745	390.303	443.226	486.847	483.812	535.779	547.957	594.021
41.0	343.911	348.708	375.603	385.134	431.933	482.166	478.944	529.690	545.248	587.649
41.5	341.451	344.787	368.222	381.143	421.481	477.785	474.307	521.345	542.788	582.064
42.0	337.920	342.398	361.036	377.364	412.675	473.094	469.962	513.105	539.009	576.781
42.5	334.477	339.698	354.389	374.417	404.887	467.386	466.519	504.450	533.142	573.312
43.0	327.485	336.282	348.495	370.877	397.692	460.749	464.200	496.874	525.805	570.984
43.5	316.768	333.070	342.805	365.116	390.612	453.624	461.342	490.060	518.362	568.418
44.0	306.440	327.769	336.760	359.124	384.577	446.049	457.032	484.458	512.229	564.126
44.5	298.856	320.228	332.017	353.770	378.824	438.535	453.058	480.484	506.149	557.134
45.0	289.271	310.405	328.468	348.017	373.231	432.084	448.182	476.475	499.193	548.895
45.5	279.279	301.812	323.317	343.247	368.364	425.393	442.792	472.112	491.352	539.310
46.0	271.722	293.634	318.042	337.548	363.292	416.685	437.110	468.767	485.237	529.876
46.5	265.093	286.917	313.538	330.300	357.965	406.392	430.216	462.864	481.351	519.681
47.0	256.818	277.430	308.847	323.414	351.982	397.126	421.835	455.855	476.820	510.530
47.5	248.641	266.482	302.705	318.193	344.707	388.099	413.012	449.403	472.050	503.715
48.0	242.702	257.199	295.068	313.317	337.804	380.851	405.719	443.217	469.466	500.990
48.5	238.162	253.623	287.014	307.537	332.025	375.267	400.117	436.199	471.404	502.990
49.0	233.861	249.092	278.899	300.758	326.432	369.886	395.692	429.906	473.794	508.406
49.5	229.604	243.127	273.306	294.147	320.335	363.257	392.232	423.977	471.944	508.857
50.0	225.002	237.853	265.137	288.554	313.936	355.540	388.612	420.269	459.483	501.556
50.5	216.232	233.879	254.977	284.855	308.546	347.309	387.037	415.109	444.527	487.555
51.0	208.205	230.799	248.172	280.572	305.909	338.760	387.701	403.896	434.960	476.378
51.5	202.656	224.940	244.941	273.332	302.236	332.070	386.789	391.612	428.296	475.422
52.0	196.222	218.338	242.384	268.155	293.944	328.353	381.338	384.594	419.251	471.758
52.5	191.266	209.196	239.410	263.243	285.218	325.476	373.019	381.789	408.604	456.979
53.0	186.142	202.311	233.967	256.508	278.032	320.857	365.673	375.815	398.869	439.243
53.5	179.540	195.930	223.215	249.455	272.677	316.007	358.983	365.717	394.896	425.242
54.0	167.938	188.753	214.267	241.800	270.022	309.856	351.982	352.522	392.506	416.499

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CANDELA TABULATION - (Cont.)

54.5	156.583	181.301	208.125	237.189	268.518	300.272	348.035	341.318	392.152	409.764
55.0	148.884	174.079	201.895	236.136	266.509	290.298	346.628	337.442	385.232	405.348
55.5	141.768	169.557	192.142	230.773	262.995	280.554	341.451	333.592	377.001	402.489
56.0	134.626	164.265	188.319	220.188	256.287	272.713	328.848	333.884	367.912	399.985
56.5	127.334	156.264	186.204	209.975	247.119	267.624	312.812	336.017	360.744	397.321
57.0	121.572	147.556	177.894	204.320	237.746	264.580	301.104	334.247	358.098	395.046
57.5	119.519	138.591	167.548	198.744	229.463	265.535	292.687	321.317	355.823	390.674
58.0	117.528	130.564	159.866	193.045	222.613	264.093	284.173	309.812	347.655	381.630
58.5	108.828	123.723	155.433	187.284	215.674	258.845	275.987	302.997	339.601	371.496
59.0	101.642	119.555	149.158	179.575	210.064	251.959	268.102	297.387	340.707	365.770
59.5	98.093	115.590	141.140	170.407	205.948	242.357	268.031	288.607	343.106	361.708
60.0	93.907	111.820	134.777	163.194	204.391	235.950	266.288	276.554	339.574	353.195
60.5	86.518	107.103	128.245	155.441	199.833	226.312	260.765	271.518	325.406	340.353
61.0	75.827	105.067	120.617	149.733	194.178	216.126	251.685	266.721	305.661	329.158
61.5	65.481	100.518	113.988	148.034	191.726	212.922	242.207	260.978	294.519	327.025
62.0	60.950	92.235	110.386	143.211	184.691	214.400	233.215	257.792	292.085	327.131
62.5	59.392	82.703	108.536	136.476	172.416	212.639	226.870	257.995	288.059	321.582
63.0	55.321	73.189	104.439	130.608	163.185	205.285	219.144	258.305	272.447	309.794
63.5	51.188	67.977	97.899	124.652	157.052	194.063	212.090	255.349	257.039	299.033
64.0	46.339	64.278	88.013	118.298	152.751	178.575	206.577	250.818	246.357	280.359
64.5	43.409	59.791	80.579	113.430	148.131	166.451	203.134	236.260	243.455	266.394
65.0	39.303	55.286	80.305	109.386	142.016	155.264	198.444	223.215	245.455	255.030
65.5	32.683	52.197	74.420	105.784	136.016	146.795	192.505	212.338	241.224	248.340
66.0	25.594	47.356	67.092	100.306	129.750	144.246	180.478	209.949	228.746	243.463
66.5	18.939	43.551	60.384	89.571	124.316	140.485	174.832	204.346	225.348	235.401
67.0	16.665	36.639	56.339	79.314	118.510	136.794	174.407	193.275	221.843	226.436
67.5	16.195	33.524	49.657	71.986	110.059	134.608	169.504	186.602	210.789	228.029
68.0	15.594	29.267	42.754	66.561	107.350	132.529	157.592	184.222	203.789	227.985
68.5	15.293	24.231	41.648	63.180	104.598	130.803	143.919	181.584	195.081	218.887
69.0	14.479	18.328	40.046	61.870	94.341	128.661	138.184	173.106	187.992	212.214
69.5	13.514	15.018	36.064	59.463	85.429	124.617	134.777	168.230	179.177	194.930
70.0	12.594	14.195	30.170	58.525	80.092	115.643	131.192	159.760	171.814	178.115
70.5	11.673	13.647	27.807	53.941	75.588	108.651	127.360	151.291	165.106	166.893
71.0	10.770	13.027	26.886	49.622	71.384	100.164	125.068	142.821	157.822	154.273
71.5	9.682	12.346	22.160	42.268	64.304	87.765	124.281	134.352	150.556	151.149
72.0	8.540	11.664	19.780	38.223	57.339	77.606	112.271	125.856	143.635	148.264
72.5	7.770	11.213	17.134	33.639	53.516	73.659	103.917	116.873	136.591	142.556
73.0	6.991	10.266	14.549	29.550	50.525	71.313	96.748	108.616	128.688	137.122
73.5	6.009	9.098	11.974	26.373	47.330	68.331	83.031	111.537	117.723	131.741
74.0	5.195	8.133	9.346	22.470	43.533	62.313	71.623	101.412	108.899	126.555
74.5	4.779	7.354	8.443	19.408	39.967	60.348	66.127	93.456	104.129	114.811
75.0	4.478	6.576	7.983	16.647	34.648	58.100	61.348	89.827	100.855	105.333
75.5	4.124	5.646	7.717	14.912	29.214	54.383	58.976	85.712	96.925	101.474
76.0	3.726	4.841	6.779	13.647	24.240	49.002	58.552	76.588	88.624	98.695
76.5	3.381	4.336	6.186	12.222	21.594	43.498	54.286	67.233	87.880	95.863
77.0	3.018	3.850	5.655	10.841	20.620	37.418	50.905	62.030	80.880	91.359
77.5	2.646	3.425	5.080	9.469	18.196	30.727	45.038	60.773	73.128	85.013
78.0	2.328	3.133	4.540	8.301	15.824	25.399	44.595	50.321	67.800	79.376
78.5	1.965	2.761	4.115	6.779	13.372	22.072	41.489	46.533	64.056	73.198
79.0	1.620	2.434	3.744	5.584	10.877	21.311	36.949	45.878	59.251	66.083
79.5	1.319	2.142	3.257	5.071	8.469	20.966	30.763	48.958	53.560	63.888
80.0	1.089	1.805	2.885	4.611	6.717	19.054	28.161	39.020	51.445	62.286
80.5	0.885	1.531	2.505	4.142	5.956	16.629	26.842	33.126	51.277	56.197
81.0	0.735	1.292	2.151	3.664	5.673	14.372	23.983	30.223	42.949	50.613
81.5	0.602	1.089	1.867	3.283	5.425	12.089	18.957	30.462	34.834	44.338
82.0	0.504	0.912	1.611	2.894	5.053	9.779	16.735	29.090	31.639	37.683

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82.5	0.407	0.761	1.407	2.531	4.381	7.443	14.425	22.532	28.293	33.028
83.0	0.327	0.646	1.239	2.239	3.735	5.876	12.080	19.851	26.612	31.718
83.5	0.257	0.558	1.044	1.965	3.336	5.062	9.717	17.160	22.514	26.152
84.0	0.186	0.460	0.894	1.726	2.965	4.629	7.584	14.479	19.576	21.399
84.5	0.142	0.381	0.779	1.522	2.602	4.496	6.629	11.788	16.638	19.204
85.0	0.097	0.310	0.699	1.345	2.266	3.912	5.894	9.142	13.709	17.063
85.5	0.071	0.248	0.611	1.186	1.991	3.363	5.115	7.744	10.717	14.895
86.0	0.044	0.204	0.522	1.035	1.779	2.982	4.620	6.655	8.160	12.717
86.5	0.027	0.159	0.442	0.912	1.620	2.628	4.106	5.575	7.345	10.540
87.0	0.027	0.124	0.381	0.805	1.478	2.345	3.513	4.814	6.018	8.823
87.5	0.027	0.097	0.319	0.708	1.327	2.133	3.151	4.177	5.301	7.753
88.0	0.027	0.071	0.274	0.628	1.186	1.982	2.823	3.717	4.690	6.974
88.5	0.027	0.062	0.230	0.549	1.044	1.850	2.575	3.354	4.186	6.275
89.0	0.027	0.053	0.195	0.487	0.929	1.664	2.363	3.062	3.814	5.673
89.5	0.035	0.044	0.159	0.434	0.841	1.478	2.177	2.797	3.513	5.151
90.0	0.035	0.044	0.142	0.389	0.752	1.363	1.974	2.540	3.186	4.690
90.5	0.035	0.044	0.124	0.345	0.681	1.266	1.832	2.301	2.885	4.248
91.0	0.035	0.044	0.106	0.301	0.619	1.159	1.690	2.151	2.664	3.885
91.5	0.035	0.044	0.097	0.274	0.575	1.053	1.566	2.027	2.487	3.584
92.0	0.044	0.044	0.088	0.239	0.522	0.965	1.460	1.894	2.319	3.248
92.5	0.044	0.044	0.088	0.221	0.478	0.903	1.354	1.743	2.151	2.982
93.0	0.044	0.044	0.080	0.204	0.434	0.823	1.292	1.575	2.018	2.717
93.5	0.044	0.044	0.080	0.186	0.398	0.752	1.230	1.451	1.876	2.443
94.0	0.053	0.044	0.080	0.168	0.354	0.690	1.124	1.336	1.743	2.186
94.5	0.053	0.053	0.080	0.159	0.327	0.619	1.009	1.239	1.628	1.974
95.0	0.053	0.053	0.080	0.150	0.301	0.566	0.885	1.150	1.522	1.779
95.5	0.062	0.053	0.080	0.142	0.283	0.513	0.788	1.044	1.372	1.628
96.0	0.062	0.053	0.080	0.142	0.265	0.478	0.717	0.956	1.248	1.496
96.5	0.062	0.062	0.080	0.133	0.248	0.434	0.655	0.876	1.150	1.372
97.0	0.071	0.062	0.080	0.133	0.230	0.398	0.611	0.796	1.053	1.257
97.5	0.071	0.062	0.080	0.133	0.221	0.372	0.566	0.735	0.965	1.159
98.0	0.071	0.071	0.080	0.124	0.212	0.354	0.522	0.681	0.885	1.071
98.5	0.080	0.071	0.080	0.124	0.204	0.327	0.487	0.628	0.814	0.991
99.0	0.080	0.071	0.080	0.124	0.195	0.310	0.460	0.584	0.752	0.920
99.5	0.080	0.080	0.080	0.124	0.195	0.292	0.425	0.549	0.699	0.850
100.0	0.088	0.080	0.080	0.115	0.186	0.274	0.407	0.513	0.646	0.788
100.5	0.088	0.088	0.080	0.115	0.177	0.257	0.381	0.478	0.602	0.726
101.0	0.097	0.088	0.088	0.106	0.168	0.248	0.354	0.451	0.558	0.673
101.5	0.097	0.088	0.088	0.106	0.159	0.230	0.336	0.425	0.522	0.619
102.0	0.097	0.097	0.088	0.106	0.150	0.221	0.319	0.398	0.478	0.575
102.5	0.106	0.097	0.097	0.106	0.150	0.212	0.301	0.372	0.442	0.522
103.0	0.106	0.097	0.097	0.106	0.142	0.204	0.283	0.345	0.416	0.487
103.5	0.115	0.106	0.097	0.106	0.133	0.186	0.274	0.327	0.389	0.451
104.0	0.115	0.106	0.106	0.106	0.133	0.177	0.257	0.310	0.363	0.416
104.5	0.124	0.115	0.106	0.106	0.124	0.168	0.248	0.292	0.336	0.381
105.0	0.124	0.115	0.115	0.106	0.124	0.159	0.230	0.283	0.319	0.354
105.5	0.124	0.124	0.115	0.106	0.124	0.150	0.221	0.265	0.292	0.327
106.0	0.133	0.124	0.115	0.115	0.115	0.142	0.204	0.248	0.274	0.301
106.5	0.133	0.124	0.124	0.115	0.115	0.142	0.195	0.239	0.265	0.283
107.0	0.142	0.133	0.124	0.124	0.124	0.133	0.177	0.221	0.248	0.257
107.5	0.142	0.133	0.133	0.124	0.124	0.133	0.168	0.204	0.221	0.239
108.0	0.150	0.142	0.133	0.133	0.124	0.133	0.168	0.195	0.204	0.212
108.5	0.150	0.142	0.142	0.133	0.124	0.133	0.159	0.177	0.195	0.195
109.0	0.159	0.150	0.142	0.133	0.133	0.133	0.150	0.168	0.177	0.186
109.5	0.159	0.150	0.150	0.142	0.133	0.133	0.142	0.159	0.168	0.177
110.0	0.168	0.159	0.150	0.142	0.142	0.133	0.142	0.150	0.159	0.159

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110.5	0.168	0.159	0.159	0.150	0.142	0.142	0.142	0.142	0.150	0.150
111.0	0.168	0.168	0.159	0.150	0.150	0.142	0.142	0.142	0.142	0.142
111.5	0.177	0.168	0.168	0.159	0.150	0.150	0.142	0.142	0.142	0.133
112.0	0.177	0.177	0.168	0.159	0.159	0.150	0.142	0.142	0.133	0.133
112.5	0.186	0.177	0.168	0.168	0.159	0.159	0.150	0.142	0.133	0.133
113.0	0.186	0.177	0.177	0.168	0.168	0.159	0.150	0.150	0.142	0.133
113.5	0.186	0.186	0.177	0.177	0.168	0.159	0.159	0.150	0.142	0.133
114.0	0.195	0.186	0.186	0.177	0.177	0.168	0.159	0.159	0.150	0.142
114.5	0.195	0.195	0.186	0.186	0.177	0.168	0.168	0.159	0.150	0.142
115.0	0.204	0.195	0.186	0.186	0.177	0.177	0.168	0.159	0.150	0.142
115.5	0.204	0.195	0.195	0.186	0.186	0.177	0.168	0.168	0.159	0.150
116.0	0.204	0.204	0.195	0.195	0.186	0.186	0.177	0.168	0.159	0.150
116.5	0.212	0.204	0.204	0.195	0.195	0.186	0.177	0.168	0.159	0.150
117.0	0.212	0.212	0.204	0.195	0.195	0.186	0.186	0.177	0.168	0.159
117.5	0.221	0.212	0.204	0.204	0.195	0.195	0.186	0.177	0.168	0.159
118.0	0.221	0.212	0.212	0.204	0.204	0.195	0.186	0.177	0.168	0.159
118.5	0.221	0.221	0.212	0.212	0.204	0.195	0.195	0.186	0.177	0.168
119.0	0.230	0.221	0.221	0.212	0.204	0.204	0.195	0.186	0.177	0.168
119.5	0.230	0.230	0.221	0.221	0.212	0.204	0.195	0.195	0.186	0.168
120.0	0.239	0.230	0.221	0.221	0.212	0.212	0.204	0.195	0.186	0.177
120.5	0.239	0.230	0.230	0.221	0.221	0.212	0.204	0.195	0.186	0.177
121.0	0.248	0.239	0.230	0.230	0.221	0.212	0.212	0.204	0.195	0.177
121.5	0.248	0.239	0.239	0.230	0.221	0.221	0.212	0.204	0.195	0.186
122.0	0.248	0.248	0.239	0.239	0.230	0.221	0.212	0.204	0.195	0.186
122.5	0.257	0.248	0.248	0.239	0.230	0.230	0.221	0.212	0.204	0.195
123.0	0.257	0.257	0.248	0.239	0.239	0.230	0.221	0.212	0.204	0.195
123.5	0.265	0.257	0.248	0.248	0.239	0.230	0.230	0.221	0.212	0.195
124.0	0.265	0.265	0.257	0.248	0.248	0.239	0.230	0.221	0.212	0.204
124.5	0.274	0.265	0.257	0.257	0.248	0.239	0.230	0.221	0.212	0.204
125.0	0.274	0.265	0.265	0.257	0.248	0.248	0.239	0.230	0.221	0.212
125.5	0.283	0.274	0.265	0.265	0.257	0.248	0.239	0.230	0.221	0.212
126.0	0.283	0.283	0.274	0.265	0.257	0.257	0.248	0.239	0.230	0.221
126.5	0.292	0.283	0.274	0.274	0.265	0.257	0.248	0.239	0.230	0.221
127.0	0.301	0.292	0.283	0.274	0.265	0.265	0.257	0.248	0.239	0.221
127.5	0.301	0.292	0.283	0.283	0.274	0.265	0.257	0.248	0.239	0.230
128.0	0.310	0.301	0.292	0.283	0.274	0.274	0.265	0.257	0.239	0.230
128.5	0.319	0.310	0.301	0.292	0.283	0.274	0.265	0.257	0.248	0.239
129.0	0.327	0.319	0.301	0.292	0.292	0.283	0.274	0.265	0.257	0.248
129.5	0.336	0.319	0.310	0.301	0.292	0.283	0.274	0.265	0.257	0.248
130.0	0.336	0.327	0.319	0.310	0.301	0.292	0.283	0.274	0.265	0.257
130.5	0.345	0.336	0.327	0.319	0.310	0.301	0.283	0.274	0.265	0.257
131.0	0.354	0.345	0.336	0.327	0.310	0.301	0.292	0.283	0.274	0.265
131.5	0.363	0.354	0.336	0.327	0.319	0.310	0.301	0.292	0.283	0.274
132.0	0.372	0.354	0.345	0.336	0.327	0.319	0.310	0.292	0.283	0.274
132.5	0.381	0.363	0.354	0.345	0.336	0.327	0.310	0.301	0.292	0.283
133.0	0.389	0.372	0.363	0.354	0.345	0.336	0.319	0.310	0.301	0.292
133.5	0.398	0.381	0.372	0.363	0.354	0.336	0.327	0.319	0.310	0.301
134.0	0.407	0.389	0.381	0.372	0.354	0.345	0.336	0.319	0.319	0.301
134.5	0.416	0.398	0.389	0.372	0.363	0.354	0.345	0.327	0.319	0.310
135.0	0.425	0.407	0.398	0.381	0.372	0.363	0.345	0.336	0.327	0.319
135.5	0.434	0.416	0.398	0.389	0.381	0.372	0.354	0.345	0.336	0.327
136.0	0.442	0.425	0.407	0.398	0.389	0.381	0.363	0.354	0.345	0.336
136.5	0.451	0.434	0.425	0.407	0.398	0.381	0.372	0.363	0.354	0.345
137.0	0.460	0.442	0.434	0.416	0.407	0.389	0.381	0.372	0.363	0.345
137.5	0.469	0.451	0.442	0.425	0.416	0.398	0.389	0.381	0.363	0.354
138.0	0.478	0.460	0.451	0.434	0.425	0.407	0.398	0.381	0.372	0.363

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138.5	0.487	0.469	0.460	0.442	0.434	0.416	0.407	0.389	0.381	0.372
139.0	0.496	0.478	0.469	0.451	0.442	0.425	0.416	0.398	0.389	0.381
139.5	0.504	0.487	0.478	0.460	0.451	0.434	0.425	0.407	0.398	0.389
140.0	0.513	0.496	0.487	0.469	0.460	0.442	0.434	0.416	0.407	0.398
140.5	0.513	0.504	0.496	0.478	0.469	0.451	0.442	0.425	0.416	0.407
141.0	0.522	0.513	0.504	0.487	0.478	0.460	0.451	0.434	0.425	0.416
141.5	0.531	0.522	0.504	0.496	0.487	0.469	0.460	0.442	0.434	0.425
142.0	0.540	0.531	0.513	0.504	0.496	0.478	0.460	0.451	0.442	0.434
142.5	0.549	0.540	0.522	0.513	0.496	0.487	0.469	0.460	0.451	0.442
143.0	0.558	0.540	0.531	0.522	0.504	0.496	0.478	0.469	0.460	0.451
143.5	0.558	0.549	0.540	0.531	0.513	0.504	0.487	0.478	0.469	0.460
144.0	0.566	0.558	0.549	0.531	0.522	0.513	0.496	0.487	0.478	0.460
144.5	0.575	0.566	0.558	0.540	0.531	0.513	0.504	0.487	0.478	0.469
145.0	0.584	0.575	0.558	0.549	0.540	0.522	0.513	0.496	0.487	0.478
145.5	0.584	0.575	0.566	0.558	0.540	0.531	0.513	0.504	0.496	0.487
146.0	0.584	0.584	0.575	0.566	0.549	0.540	0.522	0.513	0.504	0.496
146.5	0.593	0.602	0.584	0.566	0.558	0.549	0.531	0.522	0.513	0.504
147.0	0.602	0.681	0.593	0.575	0.566	0.549	0.540	0.522	0.513	0.504
147.5	0.611	0.708	0.628	0.584	0.575	0.558	0.549	0.531	0.522	0.513
148.0	0.619	0.646	0.664	0.584	0.575	0.566	0.549	0.540	0.531	0.522
148.5	0.619	0.619	0.646	0.584	0.584	0.566	0.558	0.549	0.540	0.531
149.0	0.628	0.628	0.619	0.593	0.593	0.575	0.566	0.549	0.540	0.531
149.5	0.628	0.628	0.619	0.602	0.593	0.584	0.566	0.558	0.549	0.540
150.0	0.628	0.628	0.619	0.611	0.602	0.584	0.575	0.566	0.558	0.549
150.5	0.637	0.628	0.628	0.619	0.602	0.593	0.584	0.566	0.558	0.549
151.0	0.637	0.637	0.628	0.619	0.611	0.602	0.584	0.575	0.566	0.558
151.5	0.637	0.637	0.628	0.619	0.611	0.602	0.593	0.584	0.575	0.566
152.0	0.646	0.637	0.637	0.628	0.619	0.611	0.593	0.584	0.575	0.566
152.5	0.646	0.637	0.637	0.628	0.619	0.611	0.602	0.593	0.584	0.575
153.0	0.646	0.646	0.637	0.628	0.619	0.619	0.602	0.593	0.584	0.575
153.5	0.655	0.646	0.646	0.637	0.628	0.619	0.611	0.602	0.593	0.584
154.0	0.655	0.646	0.646	0.637	0.628	0.619	0.611	0.602	0.593	0.584
154.5	0.655	0.655	0.646	0.637	0.628	0.637	0.628	0.611	0.602	0.593
155.0	0.655	0.655	0.655	0.646	0.637	0.646	0.655	0.619	0.611	0.593
155.5	0.655	0.655	0.655	0.646	0.637	0.646	0.681	0.637	0.619	0.602
156.0	0.655	0.655	0.655	0.646	0.646	0.637	0.664	0.681	0.628	0.602
156.5	0.655	0.655	0.655	0.637	0.673	0.646	0.655	0.735	0.646	0.611
157.0	0.655	0.655	0.655	0.637	0.717	0.690	0.655	0.761	0.655	0.611
157.5	0.655	0.655	0.655	0.646	0.735	0.735	0.646	0.726	0.646	0.619
158.0	0.655	0.655	0.655	0.655	0.699	0.735	0.637	0.664	0.637	0.628
158.5	0.655	0.655	0.655	0.655	0.664	0.681	0.637	0.637	0.628	0.628
159.0	0.655	0.655	0.655	0.655	0.655	0.646	0.637	0.637	0.628	0.628
159.5	0.655	0.655	0.655	0.646	0.646	0.646	0.637	0.637	0.628	0.628
160.0	0.655	0.646	0.646	0.646	0.646	0.646	0.637	0.637	0.628	0.628
160.5	0.655	0.655	0.646	0.646	0.646	0.646	0.637	0.637	0.628	0.628
161.0	0.655	0.655	0.646	0.646	0.646	0.646	0.637	0.637	0.628	0.628
161.5	0.655	0.655	0.646	0.646	0.646	0.646	0.637	0.637	0.628	0.628
162.0	0.655	0.655	0.655	0.646	0.646	0.637	0.637	0.637	0.628	0.628
162.5	0.655	0.655	0.655	0.646	0.646	0.637	0.637	0.637	0.628	0.628
163.0	0.655	0.655	0.655	0.646	0.646	0.646	0.637	0.637	0.637	0.628
163.5	0.655	0.655	0.655	0.646	0.646	0.646	0.637	0.637	0.637	0.628
164.0	0.655	0.655	0.655	0.646	0.646	0.646	0.637	0.637	0.637	0.637
164.5	0.655	0.655	0.655	0.655	0.646	0.646	0.646	0.637	0.637	0.637
165.0	0.646	0.655	0.655	0.655	0.646	0.646	0.646	0.646	0.646	0.637
165.5	0.646	0.655	0.655	0.655	0.646	0.646	0.646	0.646	0.646	0.646
166.0	0.646	0.646	0.655	0.655	0.646	0.646	0.646	0.646	0.646	0.646

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166.5	0.637	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.646
167.0	0.637	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.646
167.5	0.637	0.637	0.646	0.646	0.646	0.646	0.646	0.646	0.646	0.646
168.0	0.628	0.637	0.637	0.637	0.646	0.646	0.646	0.646	0.646	0.646
168.5	0.628	0.628	0.637	0.637	0.637	0.637	0.646	0.646	0.646	0.646
169.0	0.628	0.628	0.637	0.637	0.637	0.637	0.637	0.637	0.637	0.637
169.5	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637	0.637	0.637
170.0	0.628	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
170.5	0.628	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
171.0	0.628	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
171.5	0.628	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
172.0	0.619	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
172.5	0.619	0.628	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.646
173.0	0.619	0.619	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.646
173.5	0.611	0.619	0.628	0.628	0.628	0.637	0.637	0.637	0.637	0.637
174.0	0.611	0.619	0.619	0.628	0.628	0.637	0.637	0.637	0.637	0.637
174.5	0.611	0.611	0.619	0.619	0.628	0.628	0.637	0.637	0.637	0.637
175.0	0.611	0.611	0.611	0.619	0.628	0.628	0.628	0.628	0.637	0.637
175.5	0.611	0.611	0.611	0.619	0.619	0.628	0.628	0.628	0.628	0.628
176.0	0.611	0.611	0.611	0.611	0.619	0.619	0.619	0.628	0.628	0.628
176.5	0.611	0.611	0.619	0.619	0.619	0.619	0.619	0.619	0.628	0.628
177.0	0.611	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.628	0.628
177.5	0.611	0.619	0.619	0.619	0.619	0.619	0.628	0.628	0.628	0.628
178.0	0.611	0.619	0.619	0.619	0.619	0.619	0.628	0.628	0.628	0.628
178.5	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.628	0.628	0.628
179.0	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.628	0.628
179.5	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.619	0.628
180.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628

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	734.931	734.931	734.931	734.931	734.931	734.931	734.931
0.5	740.665	743.471	745.975	748.099	749.807	751.055	751.807
1.0	747.002	752.454	757.047	760.728	763.463	765.366	766.543
1.5	753.622	761.020	766.675	770.693	773.348	774.915	775.720
2.0	759.357	768.472	774.658	778.296	780.189	780.880	780.942
2.5	764.321	773.685	779.163	782.349	783.641	783.756	783.667
3.0	768.791	777.773	782.340	784.729	785.269	785.075	784.977
3.5	772.366	780.428	784.871	786.022	786.084	786.004	785.765
4.0	775.225	782.570	785.499	786.101	786.340	786.517	786.287
4.5	777.977	784.517	785.703	785.845	786.384	786.615	786.517
5.0	779.747	785.322	786.110	785.765	786.287	786.234	786.181
5.5	780.632	784.729	785.721	785.597	786.004	785.535	785.322
6.0	782.092	784.207	785.305	785.287	785.570	784.738	784.437
6.5	783.260	784.119	784.800	784.871	785.004	784.349	783.747
7.0	785.101	784.163	784.579	784.632	784.809	784.544	783.464
7.5	786.039	784.827	784.756	784.968	785.110	785.455	783.712
8.0	786.243	785.597	785.101	785.455	785.508	786.145	784.322
8.5	786.234	786.128	785.942	785.818	785.668	786.473	784.544
9.0	785.659	786.721	786.853	785.730	786.022	786.322	783.977
9.5	785.579	786.694	787.995	785.756	786.137	785.836	783.482
10.0	785.499	786.482	788.482	785.685	785.827	785.137	782.959
10.5	785.092	786.137	788.234	785.322	785.234	784.021	782.181
11.0	784.738	785.960	787.659	784.570	784.508	782.836	781.313
11.5	784.083	785.482	786.907	783.968	783.075	781.393	780.517

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12.0	783.225	784.358	785.924	783.287	781.712	780.154	780.119
12.5	782.198	782.977	784.314	782.747	780.420	779.234	780.057
13.0	781.181	782.225	783.048	782.269	779.207	778.455	779.950
13.5	780.473	781.216	782.048	781.473	778.119	777.880	780.172
14.0	779.747	780.243	781.021	780.384	777.163	777.924	779.340
14.5	778.588	779.163	779.800	779.384	776.632	777.888	778.030
15.0	777.340	777.968	778.818	778.313	776.349	776.720	776.729
15.5	776.110	777.074	778.039	777.118	775.623	775.180	775.614
16.0	774.871	775.915	776.720	776.304	774.915	774.083	775.782
16.5	773.844	774.410	774.994	775.782	773.773	773.605	776.225
17.0	772.685	773.003	773.180	775.738	772.472	774.003	776.233
17.5	770.720	771.623	771.109	774.950	771.534	774.499	775.525
18.0	768.782	770.047	769.419	773.295	771.127	774.791	773.932
18.5	766.755	768.313	767.950	771.977	771.162	774.216	772.207
19.0	764.835	766.693	765.445	770.446	771.180	772.437	770.623
19.5	763.374	764.835	764.012	769.295	771.419	770.525	769.215
20.0	761.534	762.702	761.773	768.251	771.348	768.782	768.065
20.5	759.772	760.719	760.020	766.870	770.543	767.277	766.729
21.0	757.817	758.896	758.905	765.675	768.684	765.959	765.410
21.5	756.578	757.321	757.923	764.764	766.560	764.826	764.560
22.0	754.666	755.463	756.631	763.507	764.472	763.994	763.932
22.5	752.701	753.223	756.365	761.958	762.401	763.357	763.127
23.0	750.427	750.958	754.949	760.206	760.472	762.817	762.348
23.5	748.285	748.719	752.923	757.941	758.755	762.180	761.835
24.0	745.993	746.506	750.374	755.356	758.047	761.755	761.808
24.5	743.896	744.427	748.621	753.038	757.896	761.312	761.304
25.0	742.046	743.267	747.259	751.276	758.321	761.392	759.082
25.5	740.072	741.462	746.524	750.816	759.445	760.631	754.445
26.0	737.683	740.152	746.090	751.064	760.401	757.303	746.073
26.5	735.169	738.497	744.657	751.108	759.180	750.391	735.426
27.0	731.444	734.939	741.409	750.524	754.896	739.409	723.886
27.5	726.833	730.001	736.603	747.338	745.975	726.514	713.301
28.0	720.806	722.974	730.143	740.754	734.559	714.098	705.256
28.5	712.797	714.894	722.691	731.656	723.700	705.168	699.371
29.0	703.858	707.504	714.593	721.912	713.363	700.044	697.486
29.5	694.937	699.867	706.584	711.690	705.593	697.645	696.522
30.0	687.114	692.893	699.734	702.009	700.831	696.867	696.743
30.5	679.653	685.928	694.636	695.451	699.442	696.513	694.920
31.0	674.432	680.007	691.415	692.884	699.814	695.150	691.716
31.5	671.219	676.184	690.539	692.158	699.982	691.866	687.105
32.0	669.069	675.158	690.415	693.043	697.203	687.548	680.583
32.5	668.317	675.158	688.972	692.610	690.079	680.671	673.414
33.0	668.830	674.343	686.070	689.079	679.972	674.246	667.308
33.5	669.848	672.034	681.671	682.698	669.830	670.210	661.422
34.0	668.573	667.927	675.813	676.627	662.175	666.308	656.254
34.5	664.281	662.688	669.299	671.051	657.396	661.219	651.679
35.0	658.210	655.989	663.493	664.768	654.068	654.369	647.953
35.5	650.979	649.528	658.546	658.431	649.581	647.351	644.731
36.0	644.227	643.855	654.988	652.661	643.448	640.864	641.625
36.5	638.306	639.873	653.360	645.192	637.350	635.837	638.032
37.0	633.164	636.492	651.767	638.147	631.678	632.819	633.341
37.5	628.642	633.961	647.103	632.996	627.562	630.359	626.845
38.0	625.606	631.908	640.165	627.067	623.801	627.129	617.934
38.5	623.456	628.589	632.501	620.580	618.987	622.128	607.818
39.0	619.535	625.146	624.438	612.482	614.340	614.624	597.888
39.5	612.349	620.394	617.031	605.951	610.252	606.800	589.596

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40.0	603.720	614.429	610.048	601.260	606.951	598.490	583.525
40.5	594.658	606.721	604.428	598.587	604.331	590.242	578.374
41.0	585.914	598.641	599.419	597.986	601.871	583.401	573.489
41.5	576.870	589.649	593.817	597.021	597.455	579.489	570.046
42.0	569.241	580.666	587.286	595.348	590.419	575.967	569.320
42.5	564.046	571.967	580.684	590.737	583.693	572.604	568.533
43.0	559.400	565.134	574.409	584.242	577.162	569.267	565.957
43.5	556.187	560.488	568.834	576.117	569.391	566.365	561.311
44.0	554.629	558.373	563.046	567.524	559.798	564.957	555.461
44.5	552.868	556.789	556.532	556.621	552.213	561.957	549.337
45.0	549.974	553.683	550.284	547.355	549.142	556.461	544.638
45.5	543.540	548.178	545.372	540.823	544.700	549.089	541.018
46.0	533.505	541.585	542.071	535.929	538.407	541.160	535.319
46.5	522.389	537.142	538.071	530.487	532.310	538.062	529.230
47.0	511.787	533.443	534.274	526.150	528.478	538.452	523.663
47.5	504.848	530.354	531.407	523.831	530.911	528.292	510.441
48.0	503.476	528.655	530.062	528.062	535.850	510.079	493.901
48.5	505.096	529.088	529.575	530.513	526.672	498.777	484.936
49.0	508.910	526.363	524.778	524.044	504.777	496.494	488.414
49.5	507.494	511.760	511.380	509.353	487.502	486.697	491.750
50.0	496.724	489.856	499.467	493.140	481.838	470.130	476.502
50.5	485.980	474.086	487.732	480.555	479.086	462.058	455.881
51.0	472.440	468.590	476.245	472.121	466.377	465.829	440.615
51.5	457.244	472.395	464.811	464.908	449.129	468.829	431.747
52.0	449.819	472.413	452.571	453.297	445.199	458.881	428.473
52.5	445.429	459.403	446.199	444.297	445.713	442.765	426.490
53.0	436.163	442.119	446.642	433.588	441.951	427.667	425.358
53.5	426.154	429.278	445.456	425.473	439.031	415.224	421.747
54.0	423.552	422.756	438.376	423.490	435.464	405.073	417.959
54.5	422.888	421.579	428.747	422.393	425.322	399.701	413.507
55.0	419.366	422.030	416.357	424.499	407.790	397.285	405.100
55.5	414.481	416.685	407.003	425.004	392.259	393.542	395.046
56.0	406.914	409.569	405.180	420.490	386.117	394.657	386.382
56.5	402.091	403.542	403.985	412.206	381.824	401.445	376.045
57.0	397.701	396.799	398.878	399.675	376.090	399.462	366.629
57.5	389.152	392.542	388.550	383.577	374.275	385.108	364.779
58.0	379.444	384.267	378.240	373.567	369.010	368.771	356.628
58.5	371.859	374.479	378.311	377.081	365.691	350.956	349.796
59.0	366.417	365.169	378.550	370.417	360.407	337.619	344.619
59.5	359.947	360.009	378.975	358.018	352.849	333.450	336.353
60.0	351.433	354.080	366.142	343.973	355.584	332.264	322.529
60.5	338.902	348.557	349.584	340.353	353.142	321.335	300.086
61.0	328.016	341.247	332.415	339.026	329.291	313.370	283.156
61.5	324.751	336.999	323.361	320.122	300.661	305.617	272.031
62.0	325.423	327.282	317.582	301.873	287.917	293.935	262.394
62.5	319.503	314.237	303.245	289.776	282.988	287.244	259.340
63.0	301.227	309.033	291.298	279.217	274.961	272.314	257.349
63.5	286.519	293.280	279.448	271.925	263.252	258.402	251.092
64.0	281.943	271.191	272.111	270.881	247.720	250.703	249.110
64.5	276.908	261.093	265.350	261.031	242.286	243.180	247.251
65.0	265.951	253.889	254.694	251.605	248.694	233.675	235.720
65.5	250.986	247.579	247.154	246.375	245.941	221.170	218.418
66.0	241.145	244.871	245.791	239.649	237.233	211.276	208.665
66.5	243.667	240.357	242.056	228.967	231.233	205.895	200.930
67.0	245.853	235.543	239.463	224.170	219.144	211.612	188.832
67.5	237.357	234.525	229.542	219.542	202.355	201.930	184.381

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CANDELA TABULATION - (Cont.)

68.0	223.524	223.595	218.604	207.302	191.647	181.814	175.911
68.5	212.161	216.931	207.001	198.930	187.735	175.920	167.681
69.0	201.391	206.426	197.010	186.142	180.478	168.318	155.256
69.5	190.602	191.850	184.903	176.876	167.592	163.167	147.574
70.0	178.522	181.735	169.787	170.858	156.813	151.618	142.733
70.5	169.416	170.929	165.433	161.185	151.884	146.521	135.166
71.0	165.097	161.566	160.760	152.627	149.025	141.007	122.741
71.5	160.681	155.857	149.866	147.326	140.609	134.998	115.634
72.0	154.707	152.671	145.140	141.441	132.670	128.688	112.581
72.5	147.060	147.335	140.113	134.777	124.891	124.378	105.616
73.0	139.485	140.414	135.290	128.307	116.793	116.200	102.598
73.5	131.599	133.653	130.476	120.378	110.749	96.509	93.491
74.0	123.962	127.015	125.909	115.731	105.439	92.226	82.287
74.5	116.147	117.767	121.971	113.130	98.598	90.828	77.491
75.0	110.908	107.881	110.032	109.085	97.580	83.756	71.101
75.5	106.926	102.943	99.828	96.456	94.226	83.208	68.888
76.0	104.067	101.377	95.615	88.429	84.571	82.632	67.941
76.5	98.492	98.067	91.367	82.801	77.482	67.499	66.331
77.0	87.438	90.597	87.456	79.597	72.481	62.180	59.357
77.5	82.482	83.712	79.491	76.473	67.295	59.153	56.817
78.0	83.110	78.942	75.136	75.322	66.269	59.888	54.189
78.5	76.977	73.968	73.782	67.198	62.472	57.419	51.622
79.0	69.428	66.817	65.915	59.171	53.410	53.790	48.958
79.5	68.446	62.233	59.605	54.905	50.321	49.162	46.303
80.0	61.800	58.321	55.684	51.516	48.471	46.896	43.551
80.5	54.427	54.702	49.710	48.312	47.409	44.312	40.480
81.0	51.525	48.463	49.914	45.011	44.524	41.657	37.860
81.5	45.020	44.259	43.135	43.144	40.719	38.984	35.152
82.0	40.462	41.772	38.559	39.391	38.382	36.312	32.656
82.5	37.851	36.391	36.028	36.869	35.984	33.727	29.975
83.0	33.196	32.807	33.878	34.444	33.373	31.134	27.594
83.5	29.001	30.249	31.444	31.320	30.975	28.541	25.373
84.0	26.320	27.833	29.347	29.355	28.585	26.196	23.107
84.5	23.196	25.284	26.329	27.134	26.214	24.107	21.019
85.0	19.824	23.355	23.939	24.895	24.019	21.921	19.045
85.5	17.585	21.213	22.054	22.798	21.948	19.904	17.196
86.0	16.142	18.567	20.222	20.727	19.895	17.948	15.479
86.5	14.585	16.815	18.293	18.842	18.063	16.337	13.726
87.0	13.045	15.496	16.753	17.142	16.408	14.709	12.124
87.5	11.496	14.116	15.240	15.549	14.753	13.089	10.682
88.0	10.169	12.744	13.726	13.948	13.098	11.461	9.319
88.5	9.160	11.363	12.213	12.346	11.434	9.859	7.974
89.0	8.257	10.124	10.708	10.726	9.868	8.461	6.806
89.5	7.434	9.045	9.593	9.319	8.602	7.257	5.868
90.0	6.691	8.018	8.452	8.169	7.363	6.177	4.929
90.5	5.965	7.124	7.390	7.115	6.275	5.195	4.000
91.0	5.292	6.354	6.399	6.106	5.328	4.292	3.071
91.5	4.699	5.637	5.514	5.098	4.434	3.531	2.522
92.0	4.177	4.921	4.699	4.195	3.655	2.850	2.195
92.5	3.699	4.266	4.009	3.522	3.000	2.425	1.974
93.0	3.274	3.690	3.407	3.000	2.540	2.142	1.805
93.5	2.903	3.195	2.912	2.566	2.230	1.956	1.664
94.0	2.566	2.761	2.540	2.248	2.009	1.805	1.531
94.5	2.266	2.398	2.257	2.027	1.858	1.690	1.416
95.0	2.009	2.124	2.018	1.867	1.735	1.575	1.319
95.5	1.805	1.920	1.823	1.726	1.628	1.469	1.221

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CANDELA TABULATION - (Cont.)

96.0	1.637	1.743	1.690	1.611	1.531	1.363	1.133
96.5	1.496	1.611	1.575	1.513	1.434	1.257	1.044
97.0	1.381	1.496	1.469	1.425	1.345	1.159	0.965
97.5	1.283	1.389	1.381	1.336	1.248	1.062	0.894
98.0	1.195	1.292	1.283	1.248	1.150	0.973	0.814
98.5	1.115	1.204	1.195	1.159	1.053	0.903	0.743
99.0	1.035	1.115	1.115	1.071	0.965	0.823	0.673
99.5	0.956	1.035	1.035	0.982	0.876	0.743	0.602
100.0	0.885	0.956	0.947	0.894	0.796	0.681	0.540
100.5	0.823	0.876	0.867	0.814	0.717	0.611	0.487
101.0	0.752	0.796	0.788	0.735	0.655	0.549	0.442
101.5	0.681	0.726	0.708	0.655	0.593	0.496	0.398
102.0	0.619	0.655	0.646	0.593	0.531	0.451	0.363
102.5	0.566	0.593	0.584	0.540	0.487	0.416	0.310
103.0	0.513	0.540	0.531	0.487	0.442	0.372	0.274
103.5	0.469	0.487	0.478	0.442	0.398	0.327	0.230
104.0	0.425	0.442	0.434	0.407	0.354	0.292	0.195
104.5	0.389	0.398	0.398	0.363	0.319	0.248	0.168
105.0	0.354	0.363	0.363	0.327	0.274	0.212	0.142
105.5	0.327	0.336	0.327	0.292	0.239	0.186	0.124
106.0	0.301	0.301	0.292	0.257	0.212	0.168	0.106
106.5	0.274	0.265	0.257	0.221	0.186	0.150	0.097
107.0	0.248	0.239	0.221	0.195	0.168	0.133	0.080
107.5	0.221	0.212	0.195	0.177	0.150	0.124	0.062
108.0	0.204	0.195	0.177	0.159	0.133	0.106	0.053
108.5	0.186	0.177	0.159	0.142	0.115	0.088	0.044
109.0	0.168	0.168	0.150	0.133	0.106	0.080	0.035
109.5	0.159	0.150	0.133	0.115	0.088	0.071	0.035
110.0	0.150	0.142	0.124	0.097	0.080	0.071	0.044
110.5	0.142	0.124	0.106	0.088	0.071	0.071	0.044
111.0	0.133	0.115	0.097	0.080	0.080	0.080	0.044
111.5	0.124	0.106	0.097	0.088	0.080	0.080	0.044
112.0	0.115	0.106	0.097	0.088	0.080	0.080	0.044
112.5	0.115	0.106	0.097	0.088	0.088	0.080	0.053
113.0	0.124	0.115	0.106	0.097	0.088	0.088	0.053
113.5	0.124	0.115	0.106	0.097	0.088	0.088	0.053
114.0	0.124	0.115	0.106	0.097	0.088	0.088	0.053
114.5	0.133	0.124	0.115	0.106	0.097	0.097	0.062
115.0	0.133	0.124	0.115	0.106	0.097	0.097	0.062
115.5	0.133	0.124	0.115	0.106	0.097	0.097	0.062
116.0	0.142	0.133	0.115	0.106	0.106	0.106	0.071
116.5	0.142	0.133	0.124	0.115	0.106	0.106	0.071
117.0	0.142	0.133	0.124	0.115	0.106	0.106	0.071
117.5	0.150	0.142	0.133	0.124	0.115	0.115	0.080
118.0	0.150	0.142	0.133	0.124	0.115	0.115	0.080
118.5	0.150	0.142	0.133	0.124	0.115	0.115	0.080
119.0	0.159	0.150	0.142	0.133	0.124	0.124	0.088
119.5	0.159	0.150	0.142	0.133	0.124	0.124	0.088
120.0	0.168	0.150	0.142	0.133	0.124	0.124	0.088
120.5	0.168	0.159	0.150	0.142	0.133	0.133	0.097
121.0	0.168	0.159	0.150	0.142	0.133	0.133	0.097
121.5	0.177	0.159	0.150	0.142	0.142	0.142	0.106
122.0	0.177	0.168	0.159	0.150	0.142	0.142	0.106
122.5	0.177	0.168	0.159	0.150	0.142	0.142	0.106
123.0	0.186	0.177	0.168	0.159	0.150	0.150	0.115
123.5	0.186	0.177	0.168	0.159	0.150	0.150	0.115

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CANDELA TABULATION - (Cont.)

124.0	0.195	0.177	0.168	0.159	0.159	0.159	0.124
124.5	0.195	0.186	0.177	0.168	0.159	0.159	0.124
125.0	0.195	0.186	0.177	0.168	0.168	0.168	0.133
125.5	0.204	0.195	0.186	0.177	0.168	0.168	0.133
126.0	0.204	0.195	0.186	0.177	0.177	0.177	0.142
126.5	0.212	0.204	0.195	0.186	0.177	0.186	0.150
127.0	0.212	0.204	0.195	0.186	0.186	0.186	0.150
127.5	0.221	0.212	0.204	0.195	0.195	0.195	0.159
128.0	0.221	0.212	0.204	0.204	0.195	0.204	0.159
128.5	0.230	0.221	0.212	0.204	0.204	0.204	0.168
129.0	0.230	0.221	0.221	0.212	0.212	0.212	0.177
129.5	0.239	0.230	0.221	0.221	0.212	0.221	0.186
130.0	0.248	0.239	0.230	0.221	0.221	0.230	0.186
130.5	0.248	0.239	0.239	0.230	0.230	0.230	0.195
131.0	0.257	0.248	0.239	0.239	0.230	0.239	0.204
131.5	0.265	0.257	0.248	0.248	0.239	0.248	0.212
132.0	0.265	0.265	0.257	0.248	0.248	0.257	0.221
132.5	0.274	0.265	0.265	0.257	0.257	0.265	0.221
133.0	0.283	0.274	0.265	0.265	0.265	0.265	0.230
133.5	0.292	0.283	0.274	0.274	0.265	0.274	0.239
134.0	0.301	0.292	0.283	0.274	0.274	0.283	0.248
134.5	0.301	0.292	0.292	0.283	0.283	0.292	0.257
135.0	0.310	0.301	0.301	0.292	0.292	0.301	0.265
135.5	0.319	0.310	0.301	0.301	0.301	0.310	0.274
136.0	0.327	0.319	0.310	0.310	0.310	0.319	0.283
136.5	0.336	0.327	0.319	0.319	0.319	0.327	0.292
137.0	0.345	0.336	0.327	0.327	0.327	0.336	0.301
137.5	0.354	0.345	0.336	0.336	0.336	0.345	0.310
138.0	0.354	0.354	0.345	0.345	0.345	0.354	0.310
138.5	0.372	0.363	0.354	0.354	0.354	0.363	0.319
139.0	0.381	0.372	0.363	0.363	0.363	0.372	0.327
139.5	0.389	0.381	0.372	0.372	0.363	0.372	0.336
140.0	0.389	0.389	0.381	0.381	0.372	0.381	0.345
140.5	0.398	0.398	0.389	0.381	0.381	0.389	0.354
141.0	0.407	0.407	0.398	0.389	0.389	0.398	0.363
141.5	0.416	0.407	0.407	0.398	0.398	0.407	0.372
142.0	0.425	0.416	0.416	0.407	0.407	0.416	0.381
142.5	0.434	0.425	0.425	0.416	0.416	0.425	0.389
143.0	0.442	0.434	0.425	0.425	0.425	0.425	0.398
143.5	0.451	0.442	0.434	0.434	0.425	0.434	0.407
144.0	0.460	0.451	0.442	0.442	0.434	0.442	0.416
144.5	0.460	0.460	0.451	0.442	0.442	0.451	0.425
145.0	0.469	0.469	0.460	0.451	0.451	0.460	0.434
145.5	0.478	0.469	0.469	0.460	0.460	0.460	0.442
146.0	0.487	0.478	0.478	0.469	0.469	0.469	0.451
146.5	0.496	0.487	0.478	0.478	0.469	0.478	0.451
147.0	0.496	0.496	0.487	0.487	0.478	0.487	0.460
147.5	0.504	0.504	0.496	0.487	0.487	0.487	0.469
148.0	0.513	0.504	0.504	0.496	0.496	0.496	0.478
148.5	0.522	0.513	0.513	0.504	0.496	0.504	0.487
149.0	0.522	0.522	0.513	0.513	0.504	0.504	0.496
149.5	0.531	0.531	0.522	0.513	0.513	0.513	0.504
150.0	0.540	0.531	0.531	0.522	0.513	0.513	0.513
150.5	0.540	0.540	0.540	0.531	0.522	0.522	0.513
151.0	0.549	0.549	0.540	0.531	0.531	0.522	0.522
151.5	0.558	0.549	0.549	0.540	0.540	0.531	0.531

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CANDELA TABULATION - (Cont.)

152.0	0.558	0.558	0.549	0.549	0.540	0.540	0.540
152.5	0.566	0.558	0.558	0.549	0.549	0.540	0.549
153.0	0.566	0.566	0.558	0.558	0.558	0.549	0.558
153.5	0.575	0.566	0.566	0.558	0.558	0.558	0.566
154.0	0.575	0.575	0.566	0.566	0.566	0.566	0.566
154.5	0.584	0.575	0.575	0.575	0.566	0.566	0.575
155.0	0.584	0.584	0.575	0.575	0.575	0.575	0.575
155.5	0.593	0.584	0.584	0.575	0.575	0.575	0.584
156.0	0.602	0.593	0.584	0.584	0.584	0.575	0.584
156.5	0.602	0.593	0.593	0.584	0.584	0.584	0.593
157.0	0.611	0.602	0.593	0.593	0.584	0.584	0.593
157.5	0.611	0.602	0.602	0.593	0.593	0.584	0.602
158.0	0.619	0.602	0.602	0.593	0.593	0.593	0.602
158.5	0.619	0.611	0.602	0.602	0.593	0.593	0.602
159.0	0.619	0.619	0.611	0.602	0.602	0.593	0.611
159.5	0.619	0.619	0.611	0.602	0.602	0.602	0.619
160.0	0.628	0.628	0.619	0.611	0.602	0.602	0.619
160.5	0.628	0.637	0.628	0.611	0.611	0.611	0.628
161.0	0.628	0.637	0.637	0.619	0.619	0.611	0.628
161.5	0.628	0.646	0.646	0.637	0.619	0.619	0.637
162.0	0.637	0.655	0.664	0.646	0.637	0.619	0.637
162.5	0.637	0.655	0.673	0.664	0.646	0.628	0.637
163.0	0.637	0.646	0.681	0.681	0.664	0.628	0.637
163.5	0.637	0.637	0.681	0.699	0.708	0.628	0.637
164.0	0.628	0.637	0.690	0.726	0.814	0.646	0.646
164.5	0.637	0.637	0.690	0.788	0.929	0.690	0.664
165.0	0.637	0.637	0.690	0.885	0.920	0.752	0.681
165.5	0.637	0.637	0.673	0.894	0.832	0.779	0.699
166.0	0.637	0.637	0.655	0.805	0.761	0.752	0.717
166.5	0.637	0.637	0.655	0.726	0.726	0.717	0.717
167.0	0.646	0.637	0.664	0.690	0.708	0.699	0.699
167.5	0.637	0.637	0.655	0.673	0.699	0.690	0.681
168.0	0.637	0.637	0.646	0.664	0.690	0.690	0.673
168.5	0.637	0.637	0.646	0.655	0.681	0.681	0.673
169.0	0.637	0.637	0.637	0.646	0.681	0.681	0.673
169.5	0.637	0.637	0.637	0.646	0.673	0.673	0.673
170.0	0.637	0.637	0.646	0.646	0.664	0.664	0.664
170.5	0.637	0.637	0.646	0.646	0.655	0.655	0.664
171.0	0.637	0.646	0.646	0.646	0.655	0.655	0.655
171.5	0.646	0.646	0.646	0.646	0.646	0.655	0.655
172.0	0.646	0.646	0.646	0.646	0.646	0.646	0.646
172.5	0.646	0.646	0.646	0.646	0.646	0.646	0.646
173.0	0.646	0.646	0.646	0.646	0.646	0.646	0.637
173.5	0.646	0.646	0.646	0.646	0.646	0.637	0.646
174.0	0.637	0.637	0.646	0.637	0.637	0.637	0.646
174.5	0.637	0.637	0.637	0.637	0.637	0.637	0.646
175.0	0.637	0.637	0.637	0.637	0.637	0.637	0.646
175.5	0.628	0.628	0.628	0.637	0.637	0.637	0.637
176.0	0.628	0.628	0.628	0.637	0.637	0.637	0.637
176.5	0.628	0.628	0.628	0.637	0.637	0.637	0.637
177.0	0.628	0.628	0.628	0.637	0.637	0.637	0.637
177.5	0.628	0.628	0.628	0.628	0.628	0.628	0.637
178.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628
178.5	0.628	0.628	0.628	0.628	0.628	0.628	0.628
179.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628
179.5	0.628	0.628	0.628	0.628	0.628	0.628	0.628

CANDELA TABULATION - (Cont.)

180.0	0.628	0.628	0.628	0.628	0.628	0.628	0.628
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IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	267.78	N.A.	15.60
0-30	565.01	N.A.	33.00
0-40	904.69	N.A.	52.80
0-60	1497.75	N.A.	87.40
0-80	1700.18	N.A.	99.30
0-90	1710.37	N.A.	99.90
10-90	1640.58	N.A.	95.80
20-40	636.91	N.A.	37.20
20-50	967.83	N.A.	56.50
40-70	743.00	N.A.	43.40
60-80	202.43	N.A.	11.80
70-80	52.49	N.A.	3.10
80-90	10.19	N.A.	0.60
90-110	1.20	N.A.	0.10
90-120	1.33	N.A.	0.10
90-130	1.53	N.A.	0.10
90-150	2.06	N.A.	0.10
90-180	2.53	N.A.	0.10
110-180	1.34	N.A.	0.10
0-180	1712.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.79
10-20	197.99
20-30	297.23
30-40	339.68
40-50	330.92
50-60	262.15
60-70	149.94
70-80	52.49
80-90	10.19
90-100	1.01
100-110	0.19
110-120	0.14
120-130	0.19
130-140	0.25
140-150	0.28
150-160	0.25
160-170	0.17
170-180	0.06

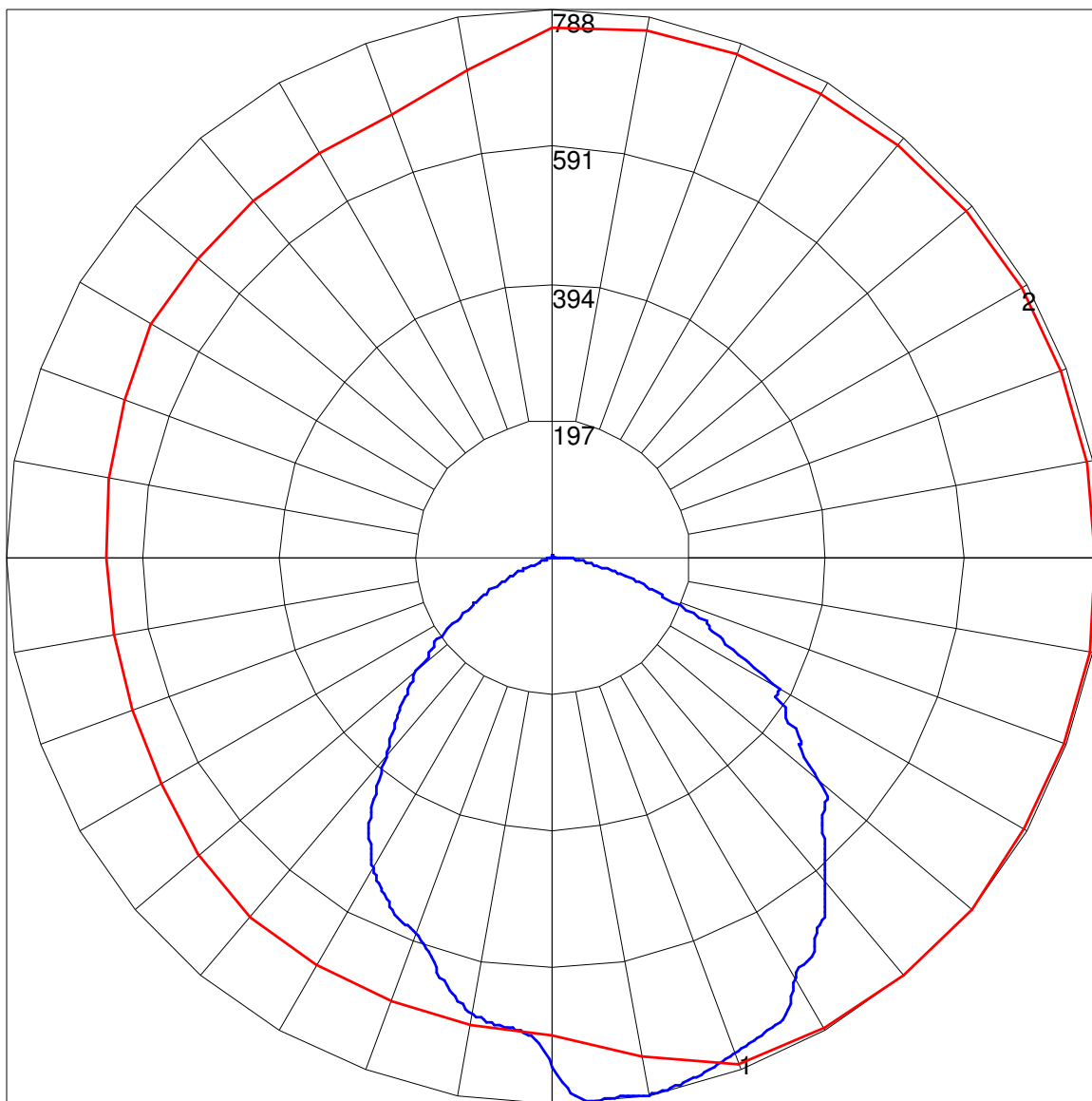
IES INDOOR REPORT
PHOTOMETRIC FILENAME : WLRD-C-L22-830-BZ.IES

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 = 788.482 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.)