



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995  
 [TEST] s17040016c-01 Scaled from 5K  
 [TESTLAB] LEADING TESTING LABORATORIES  
 [TESTDATE] 2017-04-13  
 [ISSUE DATE] 2017-04-13 09:04:52  
 [LAMPPOSITION] 0,0  
 [MANUFAC]  
 [LUMCAT] WLRD-G-L22-830-BZ

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1748
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.36
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.42
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	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961
0.5	639.758	639.669	638.997	638.651	638.076	637.819	637.182	636.757	636.333	636.076
1.0	638.864	639.147	638.519	637.970	637.156	636.085	635.173	634.377	634.005	633.784
1.5	636.660	637.802	637.961	637.625	636.802	635.704	633.846	632.607	632.067	632.368
2.0	634.297	636.421	637.819	638.581	638.005	635.811	633.527	632.262	632.244	633.510
2.5	632.554	634.872	637.448	639.430	638.864	636.457	633.563	632.748	633.748	635.961
3.0	632.412	633.244	637.253	640.749	641.147	637.926	634.465	633.925	635.819	639.050
3.5	633.350	633.625	637.970	642.917	644.935	640.775	636.448	636.138	638.342	641.289
4.0	635.855	635.563	638.651	646.032	649.006	643.891	639.235	639.581	641.758	643.386
4.5	640.342	638.820	641.359	649.917	654.803	649.324	643.112	643.430	645.147	645.386
5.0	645.307	643.386	646.077	656.750	663.033	656.705	649.599	648.077	648.218	647.183
5.5	649.360	650.475	654.387	665.033	672.264	666.184	657.882	654.882	652.130	648.590
6.0	654.201	658.351	663.449	672.343	681.052	674.069	666.502	662.573	657.582	650.776
6.5	659.962	668.157	671.901	678.122	686.282	679.202	673.175	670.033	664.148	654.475
7.0	666.989	677.768	678.813	680.653	688.972	681.804	677.715	675.609	670.892	658.989
7.5	674.662	685.840	683.919	682.494	690.459	683.344	681.114	679.768	676.662	664.157
8.0	682.308	691.928	688.406	683.415	691.035	683.999	683.680	682.547	680.229	669.078
8.5	688.725	696.318	691.636	683.831	690.512	683.919	684.955	683.946	682.760	673.458
9.0	693.362	699.132	694.150	683.698	690.211	682.556	685.061	684.565	683.592	676.795
9.5	695.698	700.185	695.097	683.857	689.256	681.441	684.848	683.972	684.025	678.591
10.0	696.946	700.247	695.398	683.654	687.123	680.016	684.680	683.662	683.680	679.025
10.5	697.256	699.309	695.681	683.662	685.556	678.866	683.459	683.335	683.105	679.052
11.0	696.672	697.628	695.035	683.521	683.786	677.600	682.733	682.848	682.503	678.521
11.5	695.336	695.548	694.796	682.813	682.008	675.503	680.972	681.193	681.662	678.468
12.0	694.247	694.052	693.893	681.114	679.689	673.370	678.335	678.574	679.494	678.282
12.5	693.070	692.831	691.884	678.317	675.715	669.237	674.246	675.627	677.786	678.317
13.0	692.371	691.530	689.300	674.910	670.290	664.485	668.060	671.264	675.317	677.883
13.5	692.309	689.512	686.132	670.768	664.467	659.431	660.927	665.989	673.051	677.273
14.0	693.141	687.070	681.760	666.175	658.697	654.325	653.811	660.343	671.007	675.689
14.5	693.937	684.193	676.405	662.272	653.572	649.395	647.873	654.794	668.803	672.821
15.0	695.336	680.946	670.210	659.458	649.174	644.554	644.059	650.563	666.113	668.122
15.5	696.663	676.273	664.600	656.909	644.501	638.881	641.616	646.731	662.953	663.184
16.0	696.477	671.379	660.263	654.254	640.306	633.925	639.607	643.147	658.688	657.794
16.5	695.362	666.476	656.493	652.333	636.094	629.775	638.368	639.935	653.997	652.776
17.0	692.911	662.228	653.714	650.723	631.793	626.916	637.085	636.846	648.962	648.307
17.5	687.937	659.502	651.634	648.466	626.819	623.022	633.810	633.288	643.652	644.174
18.0	680.361	657.537	649.156	643.864	622.102	619.146	627.907	630.492	637.979	640.944
18.5	670.060	656.475	645.439	638.315	617.597	616.491	621.474	628.120	632.642	638.271
19.0	657.679	655.272	640.873	631.934	615.659	615.057	616.261	625.359	627.403	635.713
19.5	645.386	653.820	636.147	626.695	614.004	613.641	613.332	622.243	622.704	632.660
20.0	636.085	651.599	631.129	623.049	611.562	611.747	610.942	618.128	618.810	629.120
20.5	628.111	648.342	626.093	620.615	608.057	609.880	608.871	613.863	615.110	625.952
21.0	622.040	644.581	621.535	618.491	603.057	606.853	607.340	609.951	611.818	622.527
21.5	617.730	639.209	618.022	615.199	597.862	603.411	604.889	607.163	607.703	618.243
22.0	613.827	632.589	615.031	610.092	594.561	599.623	600.950	604.623	602.464	612.216
22.5	609.738	624.943	612.880	606.075	592.711	597.039	596.499	601.977	598.702	604.535
23.0	604.659	617.164	610.730	603.951	590.968	595.083	592.897	599.065	595.879	596.950
23.5	598.322	610.367	608.420	602.074	590.056	593.994	591.145	596.357	594.003	592.100
24.0	591.136	603.411	606.535	600.632	588.596	592.693	590.038	594.702	592.490	588.764
24.5	584.206	597.083	605.862	599.402	587.029	591.339	588.109	593.127	590.330	585.835
25.0	577.347	589.047	605.588	598.410	585.808	589.251	585.658	592.038	588.136	581.622
25.5	572.701	581.295	605.650	598.738	582.312	584.463	584.065	589.791	585.250	577.392
26.0	570.675	575.604	605.030	597.472	577.117	579.259	582.357	585.755	581.640	573.108
26.5	569.639	571.285	604.738	593.366	571.737	573.878	578.746	580.401	577.710	569.860

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**CANDELA TABULATION - (Cont.)**

27.0	567.763	567.630	604.570	588.215	567.373	569.798	574.223	576.144	573.091	567.444
27.5	563.842	564.692	602.906	584.675	566.515	568.188	569.666	572.268	568.427	567.621
28.0	559.072	562.134	598.207	581.808	565.285	567.011	566.488	566.427	563.718	569.993
28.5	553.638	560.178	590.879	579.631	563.072	565.365	563.471	559.524	558.745	575.029
29.0	550.311	557.939	583.888	577.047	559.506	563.099	559.948	554.930	555.399	579.896
29.5	548.983	555.771	577.064	574.701	556.957	560.860	556.612	552.169	553.665	583.144
30.0	550.187	551.452	570.144	571.878	556.063	559.656	553.559	550.753	550.974	584.932
30.5	552.842	544.841	564.187	569.294	557.435	559.824	551.081	549.142	544.956	584.746
31.0	556.506	538.646	559.046	567.958	557.869	560.072	549.302	547.027	537.646	582.870
31.5	561.656	534.788	554.187	567.303	557.922	559.161	547.912	542.965	533.159	576.887
32.0	566.258	532.708	550.160	566.196	556.824	557.807	547.488	539.284	530.885	570.347
32.5	568.692	530.726	546.496	563.356	556.143	556.214	547.319	535.106	530.097	563.524
33.0	569.082	528.805	542.461	560.586	555.656	555.727	547.319	530.885	530.044	557.550
33.5	568.081	526.177	538.974	558.577	555.833	554.771	547.895	525.681	529.398	551.594
34.0	563.559	523.708	535.549	558.355	557.205	552.895	547.284	521.530	528.929	542.797
34.5	556.692	522.079	529.557	559.532	559.311	551.682	543.832	517.672	528.796	532.558
35.0	548.558	522.309	523.327	562.063	558.621	550.125	541.434	514.291	528.619	521.407
35.5	541.735	523.752	519.088	563.258	552.629	544.806	540.762	511.309	529.035	512.946
36.0	535.593	523.460	516.504	559.674	545.567	537.434	538.195	508.397	529.699	508.061
36.5	528.929	522.601	515.999	550.824	540.939	533.823	533.682	506.707	529.053	505.158
37.0	521.371	521.876	517.194	543.965	536.036	532.044	527.655	506.928	528.195	501.060
37.5	514.105	521.946	518.849	540.903	531.195	530.673	524.000	508.335	527.708	494.945
38.0	506.813	520.442	515.636	538.876	526.619	526.301	521.309	507.096	527.681	487.883
38.5	500.326	518.044	506.308	535.867	521.230	516.645	514.858	502.919	525.743	479.661
39.0	495.529	516.548	499.113	531.389	513.291	505.866	507.556	498.299	522.504	471.351
39.5	491.210	519.787	496.405	525.708	503.406	495.591	501.468	495.326	520.628	463.067
40.0	486.272	525.522	495.361	519.168	494.715	484.847	496.034	496.724	523.796	457.324
40.5	480.856	528.451	494.051	508.477	492.600	480.882	492.901	503.556	527.522	459.616
41.0	473.572	529.327	494.591	502.167	496.830	486.962	491.910	515.654	529.752	465.935
41.5	469.608	527.495	498.653	507.813	499.131	493.458	493.591	527.734	527.761	470.023
42.0	474.050	522.433	499.521	511.725	500.963	493.768	493.087	531.903	524.522	473.298
42.5	473.590	510.477	499.715	509.194	501.945	483.095	480.254	520.008	515.672	454.138
43.0	463.324	498.193	490.148	494.680	493.193	465.669	463.227	502.441	496.662	431.818
43.5	453.987	492.635	472.599	474.218	476.307	454.262	444.819	486.927	477.634	422.809
44.0	450.854	480.590	456.890	461.395	454.200	445.093	430.933	476.334	464.855	431.190
44.5	449.341	467.590	444.297	463.191	440.491	435.048	425.136	471.024	458.749	447.067
45.0	450.456	462.731	431.614	465.351	427.738	424.313	424.189	460.218	457.439	450.306
45.5	452.421	458.899	425.623	452.244	421.118	415.145	423.357	446.049	447.385	441.801
46.0	452.996	451.315	423.959	434.429	417.605	410.667	417.711	433.199	431.845	426.818
46.5	445.252	442.987	423.411	422.349	423.207	409.835	414.507	424.977	426.296	419.216
47.0	435.367	431.818	424.437	418.083	441.403	416.154	415.330	426.880	425.623	420.835
47.5	436.093	418.853	430.906	420.764	453.085	422.880	417.738	431.597	413.392	426.393
48.0	443.013	406.684	429.252	423.446	446.084	431.756	418.171	430.021	387.285	425.623
48.5	441.447	401.312	419.366	424.773	430.163	432.553	416.623	420.331	366.921	413.366
49.0	435.756	397.276	408.693	419.039	414.251	419.171	411.295	407.923	359.876	397.737
49.5	422.340	394.683	404.330	414.322	409.029	408.950	409.472	407.277	353.911	394.931
50.0	407.304	393.117	401.586	413.569	411.277	407.427	400.622	412.817	357.814	402.870
50.5	391.719	395.542	403.339	403.994	406.498	406.454	390.400	402.047	365.762	407.604
51.0	381.426	396.701	399.321	384.214	392.639	392.834	382.099	386.833	381.444	402.171
51.5	376.134	398.852	394.453	364.974	388.108	380.444	370.054	379.426	384.329	384.072
52.0	377.815	381.417	386.656	348.460	385.028	379.125	355.673	371.744	367.779	365.806
52.5	378.904	371.611	378.099	337.937	386.462	373.390	350.203	359.053	351.920	356.558
53.0	371.567	366.726	365.266	329.530	385.577	358.328	344.283	341.982	356.770	358.469
53.5	360.637	366.558	358.620	321.582	383.683	355.761	342.159	329.893	360.868	357.434
54.0	362.797	361.301	355.089	323.972	367.664	345.955	338.327	331.043	357.177	355.301
54.5	370.585	355.894	356.965	328.839	362.523	351.265	338.451	339.433	350.646	359.319

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**CANDELA TABULATION - (Cont.)**

55.0	367.514	353.540	355.327	322.954	359.806	356.478	326.406	351.770	350.292	373.072
55.5	364.753	350.239	342.884	316.883	348.398	336.344	309.821	333.318	330.008	351.796
56.0	341.504	346.681	314.175	313.582	330.893	320.069	307.856	304.387	305.821	324.025
56.5	309.281	342.017	289.138	312.255	311.679	313.617	305.520	289.882	298.749	302.705
57.0	287.492	332.371	288.784	292.616	300.776	311.113	292.953	284.501	298.387	292.209
57.5	279.120	325.291	281.554	276.483	299.165	299.422	283.890	279.722	295.369	285.094
58.0	274.739	310.069	285.696	273.323	300.086	280.864	280.395	279.297	294.298	281.943
58.5	271.943	302.599	284.404	270.385	286.528	265.996	270.642	265.518	290.846	282.182
59.0	267.173	293.112	273.704	269.739	281.120	261.349	269.810	253.721	296.971	274.350
59.5	263.995	279.713	263.509	264.243	271.854	258.331	277.209	247.614	294.909	260.031
60.0	251.676	270.996	267.943	265.429	276.987	256.800	284.182	252.136	284.377	246.163
60.5	243.764	265.376	259.393	261.385	288.634	266.084	279.802	238.932	272.253	240.702
61.0	235.507	260.482	239.410	259.995	270.642	257.154	276.421	217.329	266.757	231.941
61.5	229.003	253.712	232.215	256.261	254.322	246.818	269.987	213.931	263.119	220.710
62.0	228.985	248.375	232.118	248.260	247.809	244.995	259.216	216.639	240.985	222.887
62.5	220.861	229.277	234.746	237.676	238.109	247.526	251.278	224.896	225.958	218.533
63.0	212.842	220.542	237.038	226.825	233.852	240.835	251.066	225.684	219.816	219.507
63.5	214.267	215.754	231.295	223.878	222.011	225.525	227.808	215.834	209.904	226.374
64.0	195.311	205.108	228.923	220.002	212.196	208.816	214.409	214.816	204.541	201.453
64.5	183.797	208.718	213.887	212.772	201.160	191.921	209.949	203.001	203.966	180.177
65.0	177.920	203.621	194.771	208.329	186.894	185.089	192.231	190.647	187.452	174.681
65.5	166.079	176.274	180.151	198.567	176.965	177.496	188.443	173.194	175.982	168.017
66.0	160.318	173.478	172.681	177.204	175.681	171.115	181.452	168.663	166.371	159.866
66.5	155.238	162.371	170.000	165.327	170.256	166.460	159.256	169.858	163.929	165.389
67.0	161.610	156.919	168.283	171.088	170.486	166.044	160.220	167.548	155.972	152.078
67.5	146.122	160.203	169.283	148.105	165.725	156.379	144.131	172.602	157.132	142.591
68.0	130.414	160.751	163.105	134.564	154.999	153.229	141.414	157.406	148.653	138.963
68.5	123.838	143.476	158.424	128.316	147.768	133.122	129.688	146.131	143.264	135.856
69.0	117.227	130.104	144.600	126.033	130.759	125.829	128.422	126.608	124.139	128.431
69.5	108.209	127.192	129.768	125.316	128.927	116.767	117.147	111.067	113.590	116.616
70.0	118.324	119.094	124.015	116.519	115.254	104.872	106.465	108.395	116.678	108.112
70.5	101.545	118.254	109.023	117.271	102.864	96.217	95.447	102.315	107.262	90.819
71.0	93.916	105.837	99.819	99.120	105.519	97.527	90.190	96.943	100.642	87.703
71.5	90.031	105.961	90.774	94.854	95.784	95.022	89.226	90.058	96.651	81.730
72.0	79.057	98.208	83.438	91.571	93.952	87.261	86.066	77.216	91.854	73.853
72.5	72.588	85.217	83.243	83.199	90.774	83.217	71.897	74.889	76.314	69.579
73.0	75.172	72.703	76.181	79.880	81.933	70.676	70.154	75.800	66.853	68.021
73.5	74.915	65.304	75.172	72.738	74.066	64.817	66.986	68.189	62.649	63.800
74.0	66.756	63.844	70.517	61.693	60.755	61.525	60.065	61.295	60.313	56.091
74.5	58.826	64.021	65.800	60.260	62.375	57.339	56.507	57.065	58.091	51.631
75.0	53.082	54.374	59.047	54.516	56.967	53.135	51.896	52.879	51.781	47.241
75.5	47.409	47.728	52.286	48.542	51.224	48.923	47.268	48.702	45.215	42.852
76.0	41.745	41.091	45.524	42.568	45.480	44.719	42.630	44.524	38.648	38.462
76.5	36.081	34.462	38.763	36.595	39.736	40.506	37.993	40.338	32.081	32.869
77.0	30.409	27.833	32.002	30.621	33.993	31.904	32.099	31.948	27.134	27.559
77.5	25.311	23.444	25.621	26.550	32.789	29.586	31.311	29.338	25.470	27.046
78.0	23.913	20.594	18.930	24.214	22.718	22.576	23.612	24.249	20.709	21.143
78.5	15.133	16.895	18.992	18.567	16.620	17.567	17.780	19.948	19.665	21.842
79.0	16.974	13.151	12.700	17.293	17.647	17.532	14.470	13.868	13.656	16.576
79.5	9.540	11.947	10.611	11.664	11.186	11.735	12.231	10.399	12.576	12.178
80.0	8.469	8.584	9.222	8.204	10.514	10.054	9.036	9.071	8.815	8.832
80.5	6.106	7.071	6.460	6.699	6.859	6.921	6.770	6.717	8.107	7.965
81.0	5.611	6.460	5.983	6.266	6.372	6.328	6.283	6.213	6.106	6.124
81.5	5.230	5.876	5.584	5.841	5.912	5.885	5.885	5.806	5.691	5.682
82.0	4.841	5.301	5.186	5.416	5.452	5.452	5.478	5.407	5.301	5.283
82.5	4.460	4.726	4.788	4.983	4.983	5.009	5.080	5.000	4.921	4.885

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

**CANDELA TABULATION - (Cont.)**

83.0	4.133	4.354	4.443	4.629	4.637	4.682	4.761	4.593	4.540	4.496
83.5	3.841	3.974	4.133	4.248	4.292	4.328	4.336	4.151	4.089	4.089
84.0	3.531	3.673	3.832	3.991	3.991	3.974	3.929	3.788	3.779	3.699
84.5	3.283	3.451	3.602	3.726	3.708	3.628	3.637	3.531	3.531	3.381
85.0	3.177	3.283	3.416	3.522	3.478	3.407	3.390	3.292	3.354	3.248
85.5	3.044	3.142	3.257	3.354	3.319	3.310	3.230	3.142	3.133	3.133
86.0	2.903	3.053	3.106	3.239	3.248	3.195	3.097	3.053	3.062	3.018
86.5	2.814	2.947	2.965	3.089	3.142	3.106	2.929	2.938	3.000	2.912
87.0	2.752	2.814	2.867	2.956	3.009	3.080	2.841	2.850	2.956	2.823
87.5	2.611	2.699	2.788	2.841	2.876	2.965	2.779	2.752	2.920	2.735
88.0	2.522	2.620	2.690	2.788	2.797	2.743	2.699	2.655	2.708	2.620
88.5	2.398	2.478	2.602	2.708	2.708	2.593	2.566	2.602	2.558	2.487
89.0	2.292	2.363	2.487	2.496	2.478	2.478	2.416	2.478	2.416	2.381
89.5	2.124	2.212	2.354	2.363	2.363	2.328	2.274	2.345	2.274	2.248
90.0	2.000	2.080	2.230	2.195	2.168	2.168	2.133	2.230	2.151	2.106
90.5	1.823	1.956	2.071	2.027	1.982	2.027	2.018	2.097	2.000	1.903
91.0	1.726	1.832	1.947	1.894	1.885	1.858	1.903	1.929	1.858	1.743
91.5	1.611	1.699	1.761	1.726	1.770	1.708	1.717	1.779	1.717	1.637
92.0	1.513	1.584	1.620	1.566	1.584	1.558	1.558	1.628	1.593	1.558
92.5	1.416	1.469	1.478	1.434	1.425	1.425	1.425	1.487	1.487	1.478
93.0	1.327	1.372	1.363	1.310	1.292	1.292	1.319	1.363	1.381	1.389
93.5	1.239	1.283	1.266	1.221	1.177	1.177	1.212	1.248	1.283	1.301
94.0	1.177	1.195	1.168	1.142	1.071	1.071	1.124	1.150	1.195	1.212
94.5	1.115	1.115	1.080	1.053	0.991	0.991	1.044	1.071	1.106	1.142
95.0	1.035	1.027	1.000	0.947	0.903	0.912	0.947	0.982	1.027	1.062
95.5	0.956	0.938	0.920	0.858	0.823	0.832	0.850	0.903	0.947	0.982
96.0	0.876	0.867	0.841	0.779	0.752	0.761	0.770	0.832	0.876	0.903
96.5	0.796	0.796	0.761	0.717	0.690	0.681	0.699	0.761	0.814	0.823
97.0	0.735	0.726	0.690	0.655	0.628	0.619	0.637	0.690	0.752	0.752
97.5	0.673	0.655	0.628	0.593	0.575	0.566	0.584	0.628	0.690	0.699
98.0	0.611	0.602	0.566	0.549	0.531	0.513	0.531	0.575	0.628	0.646
98.5	0.566	0.540	0.513	0.496	0.487	0.469	0.487	0.522	0.566	0.584
99.0	0.513	0.496	0.469	0.451	0.442	0.434	0.442	0.478	0.513	0.531
99.5	0.469	0.460	0.434	0.416	0.407	0.398	0.398	0.434	0.469	0.478
100.0	0.425	0.425	0.398	0.381	0.372	0.363	0.372	0.398	0.425	0.434
100.5	0.389	0.389	0.372	0.345	0.345	0.336	0.336	0.363	0.389	0.389
101.0	0.363	0.354	0.336	0.327	0.327	0.310	0.319	0.336	0.363	0.354
101.5	0.336	0.327	0.310	0.301	0.301	0.292	0.292	0.310	0.327	0.327
102.0	0.310	0.301	0.283	0.283	0.283	0.265	0.265	0.283	0.301	0.301
102.5	0.283	0.274	0.257	0.257	0.265	0.248	0.248	0.257	0.274	0.283
103.0	0.257	0.239	0.239	0.239	0.248	0.230	0.230	0.239	0.248	0.257
103.5	0.230	0.221	0.212	0.221	0.221	0.212	0.212	0.212	0.221	0.239
104.0	0.212	0.195	0.195	0.204	0.204	0.195	0.195	0.195	0.204	0.212
104.5	0.186	0.177	0.177	0.186	0.186	0.177	0.177	0.177	0.186	0.195
105.0	0.159	0.159	0.159	0.168	0.168	0.159	0.159	0.150	0.159	0.168
105.5	0.142	0.133	0.142	0.150	0.150	0.142	0.142	0.133	0.142	0.150
106.0	0.124	0.115	0.124	0.133	0.133	0.124	0.124	0.115	0.124	0.133
106.5	0.106	0.106	0.106	0.115	0.124	0.115	0.106	0.106	0.106	0.115
107.0	0.088	0.088	0.097	0.106	0.106	0.097	0.097	0.088	0.088	0.097
107.5	0.080	0.080	0.088	0.088	0.088	0.080	0.080	0.080	0.080	0.080
108.0	0.071	0.080	0.080	0.080	0.080	0.071	0.071	0.071	0.071	0.071
108.5	0.071	0.080	0.080	0.080	0.080	0.071	0.071	0.071	0.071	0.071
109.0	0.071	0.080	0.080	0.080	0.080	0.071	0.071	0.071	0.071	0.071
109.5	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.071	0.071	0.071
110.0	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
110.5	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080

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

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

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**CANDELA TABULATION - (Cont.)**

139.0	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.319
139.5	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319
140.0	0.319	0.319	0.319	0.319	0.319	0.319	0.327	0.327	0.319	0.327
140.5	0.327	0.327	0.327	0.327	0.327	0.327	0.327	0.327	0.327	0.327
141.0	0.327	0.327	0.327	0.327	0.327	0.327	0.336	0.336	0.336	0.336
141.5	0.336	0.327	0.327	0.336	0.336	0.336	0.336	0.336	0.336	0.336
142.0	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.345
142.5	0.336	0.336	0.336	0.336	0.336	0.345	0.345	0.345	0.345	0.345
143.0	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345
143.5	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.354	0.345	0.354
144.0	0.345	0.345	0.345	0.345	0.354	0.345	0.354	0.354	0.354	0.354
144.5	0.354	0.345	0.345	0.354	0.354	0.354	0.354	0.354	0.354	0.354
145.0	0.354	0.345	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354
145.5	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.363
146.0	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.363	0.363	0.363
146.5	0.354	0.354	0.354	0.354	0.354	0.354	0.363	0.363	0.363	0.363
147.0	0.363	0.354	0.354	0.354	0.354	0.363	0.363	0.363	0.363	0.363
147.5	0.363	0.354	0.354	0.354	0.363	0.363	0.363	0.363	0.363	0.372
148.0	0.372	0.354	0.354	0.363	0.363	0.363	0.363	0.363	0.363	0.372
148.5	0.389	0.363	0.354	0.363	0.363	0.363	0.363	0.372	0.372	0.372
149.0	0.425	0.363	0.363	0.363	0.363	0.363	0.372	0.372	0.372	0.372
149.5	0.416	0.363	0.363	0.363	0.363	0.372	0.372	0.372	0.372	0.381
150.0	0.389	0.363	0.363	0.363	0.372	0.372	0.372	0.372	0.372	0.381
150.5	0.372	0.363	0.363	0.372	0.372	0.372	0.372	0.372	0.381	0.381
151.0	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.416	0.381
151.5	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.549	0.381
152.0	0.381	0.372	0.372	0.372	0.372	0.372	0.381	0.381	0.743	0.381
152.5	0.381	0.372	0.372	0.372	0.381	0.372	0.381	0.381	0.814	0.381
153.0	0.381	0.372	0.381	0.381	0.381	0.381	0.381	0.381	0.673	0.381
153.5	0.381	0.372	0.381	0.381	0.381	0.381	0.381	0.381	0.478	0.389
154.0	0.389	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.398	0.389
154.5	0.389	0.381	0.381	0.389	0.389	0.389	0.389	0.389	0.389	0.389
155.0	0.389	0.381	0.381	0.389	0.389	0.389	0.389	0.389	0.389	0.389
155.5	0.389	0.381	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
156.0	0.389	0.389	0.389	0.398	0.398	0.398	0.398	0.389	0.389	0.398
156.5	0.398	0.389	0.389	0.398	0.398	0.398	0.398	0.398	0.398	0.398
157.0	0.398	0.389	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398
157.5	0.398	0.389	0.398	0.407	0.407	0.407	0.407	0.398	0.398	0.398
158.0	0.398	0.398	0.398	0.407	0.416	0.407	0.407	0.398	0.398	0.398
158.5	0.398	0.398	0.407	0.407	0.513	0.407	0.407	0.407	0.407	0.407
159.0	0.407	0.398	0.407	0.407	0.885	0.407	0.416	0.407	0.407	0.407
159.5	0.407	0.398	0.460	0.416	1.266	0.416	0.416	0.407	0.425	0.407
160.0	0.407	0.398	0.584	0.416	1.133	0.416	0.416	0.416	0.460	0.407
160.5	0.407	0.398	0.770	0.416	0.673	0.416	0.416	0.416	0.487	0.416
161.0	0.407	0.398	0.850	0.416	0.469	0.416	0.416	0.460	0.469	0.407
161.5	0.407	0.398	0.628	0.416	0.425	0.416	0.416	0.531	0.434	0.407
162.0	0.407	0.407	0.451	0.416	0.416	0.416	0.416	0.496	0.425	0.416
162.5	0.407	0.407	0.416	0.416	0.416	0.416	0.416	0.434	0.416	0.416
163.0	0.407	0.407	0.416	0.416	0.425	0.425	0.425	0.425	0.416	0.416
163.5	0.416	0.407	0.416	0.416	0.425	0.425	0.425	0.425	0.425	0.416
164.0	0.416	0.416	0.425	0.425	0.425	0.425	0.425	0.425	0.425	0.425
164.5	0.416	0.416	0.425	0.425	0.425	0.425	0.434	0.425	0.425	0.425
165.0	0.425	0.425	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434
165.5	0.434	0.434	0.434	0.434	0.442	0.442	0.442	0.442	0.434	0.434
166.0	0.434	0.434	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442
166.5	0.442	0.434	0.442	0.442	0.442	0.451	0.451	0.442	0.442	0.442

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

167.0	0.442	0.442	0.451	0.451	0.451	0.451	0.451	0.451	0.442	0.442
167.5	0.442	0.442	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451
168.0	0.451	0.451	0.451	0.451	0.460	0.460	0.460	0.460	0.451	0.451
168.5	0.460	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.451
169.0	0.460	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
169.5	0.478	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
170.0	0.460	0.451	0.460	0.460	0.460	0.460	0.469	0.460	0.460	0.460
170.5	0.451	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
171.0	0.451	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
171.5	0.451	0.451	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
172.0	0.460	0.460	0.460	0.460	0.469	0.469	0.469	0.460	0.460	0.460
172.5	0.460	0.460	0.460	0.469	0.469	0.469	0.469	0.469	0.469	0.469
173.0	0.469	0.469	0.469	0.469	0.469	0.469	0.478	0.469	0.469	0.469
173.5	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.478
174.0	0.487	0.487	0.487	0.496	0.496	0.496	0.496	0.496	0.487	0.487
174.5	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504
175.0	0.513	0.513	0.513	0.522	0.522	0.522	0.522	0.522	0.513	0.513
175.5	0.522	0.522	0.522	0.522	0.522	0.522	0.531	0.522	0.522	0.522
176.0	0.522	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531
176.5	0.531	0.531	0.531	0.540	0.540	0.540	0.540	0.540	0.531	0.540
177.0	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.540
177.5	0.540	0.540	0.549	0.549	0.540	0.549	0.549	0.540	0.540	0.549
178.0	0.540	0.540	0.549	0.549	0.549	0.549	0.549	0.549	0.540	0.549
178.5	0.540	0.540	0.549	0.549	0.549	0.549	0.549	0.549	0.540	0.549
179.0	0.540	0.540	0.549	0.549	0.549	0.549	0.549	0.549	0.549	0.549
179.5	0.549	0.549	0.549	0.549	0.549	0.549	0.549	0.549	0.549	0.549
180.0	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558

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

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961
0.5	635.872	635.651	635.580	635.766	635.811	635.996	636.333	636.819	637.218	637.917
1.0	633.810	633.917	634.049	634.279	634.218	634.315	634.262	634.527	635.297	636.226
1.5	633.448	634.341	634.987	635.085	635.297	634.731	633.996	633.678	634.510	635.182
2.0	635.297	636.811	637.563	638.324	638.235	637.120	635.996	634.704	634.872	634.731
2.5	638.669	640.607	641.404	641.705	641.377	640.474	639.112	637.218	636.403	635.138
3.0	641.767	643.687	644.404	644.174	643.935	643.289	642.103	640.059	638.324	635.740
3.5	644.112	645.625	645.581	645.333	645.023	644.678	643.970	642.537	641.050	637.129
4.0	645.103	646.200	645.749	645.448	645.324	645.112	645.147	644.475	643.306	639.545
4.5	645.333	645.838	645.280	644.563	644.917	645.944	646.307	646.280	645.714	643.076
5.0	645.413	644.891	644.669	644.519	644.749	646.546	647.085	647.519	648.262	647.431
5.5	645.997	644.758	644.457	644.289	645.280	646.599	647.200	648.041	649.661	651.687
6.0	646.315	644.634	645.112	644.944	645.696	647.165	646.953	648.333	651.254	656.458
6.5	647.254	644.714	645.581	645.351	646.625	647.165	646.386	648.926	653.626	661.343
7.0	648.926	645.997	647.139	646.962	647.608	647.758	646.510	650.156	657.263	665.901
7.5	650.944	647.475	648.873	649.174	649.280	648.192	646.696	651.528	661.502	670.786
8.0	653.820	648.917	650.944	651.838	651.794	649.705	648.289	654.236	666.157	675.158
8.5	657.750	651.050	654.068	655.900	654.971	652.838	650.847	657.590	671.334	678.857
9.0	661.688	654.254	657.068	658.714	657.573	656.316	653.980	662.139	675.768	681.831
9.5	666.042	657.148	659.157	659.944	658.688	658.360	657.281	666.874	678.866	683.061
10.0	670.441	659.732	658.670	657.989	656.962	658.095	660.900	671.626	680.149	684.034
10.5	674.281	661.201	655.617	653.696	652.165	655.458	663.874	675.582	680.981	684.795
11.0	677.406	660.555	650.687	648.015	644.970	650.148	664.759	677.680	680.698	685.052
11.5	679.291	657.874	646.121	642.669	638.970	644.253	662.299	678.618	679.848	684.468
12.0	679.335	654.555	642.501	638.227	634.633	639.643	658.006	677.494	678.733	683.530



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**CANDELA TABULATION - (Cont.)**

12.5	677.229	651.944	639.678	635.226	632.386	636.766	654.095	674.060	678.034	681.769
13.0	673.556	649.422	636.828	632.899	630.297	634.324	650.847	669.520	677.636	679.671
13.5	669.609	648.501	634.324	631.155	628.996	632.554	650.112	666.016	677.804	677.140
14.0	665.414	649.139	632.483	630.138	628.164	630.916	651.201	663.484	677.751	674.335
14.5	661.856	650.679	631.191	628.474	626.978	630.049	653.696	661.201	675.290	671.255
15.0	660.458	653.059	630.253	626.208	625.872	629.828	656.520	659.644	671.352	668.202
15.5	659.714	655.475	629.146	623.367	623.536	629.589	658.891	658.759	666.272	663.830
16.0	659.714	656.599	626.465	616.987	617.571	627.633	658.537	659.298	660.776	658.059
16.5	660.307	656.617	621.686	608.730	609.809	623.367	656.661	659.263	655.758	652.856
17.0	660.024	655.431	614.500	600.676	601.862	617.252	653.971	659.794	651.103	647.050
17.5	659.369	652.210	607.862	595.375	595.614	611.119	649.935	659.989	645.510	641.244
18.0	657.139	646.546	604.172	591.587	590.861	607.544	644.236	658.670	640.191	635.518
18.5	653.024	640.590	603.039	588.773	587.605	606.305	638.262	654.254	634.943	629.562
19.0	648.147	636.846	603.676	586.711	586.215	606.756	633.651	647.652	630.129	623.987
19.5	640.439	635.634	605.871	586.074	587.189	608.287	632.846	639.412	626.456	618.438
20.0	631.793	635.306	609.579	587.127	589.366	611.181	632.987	631.571	623.615	613.155
20.5	623.934	633.810	614.385	590.923	594.454	615.031	633.607	624.456	621.305	607.836
21.0	618.102	631.439	621.350	598.658	602.473	621.270	633.492	618.951	618.013	602.712
21.5	615.102	629.607	630.527	607.827	609.792	630.987	632.979	614.677	613.420	598.056
22.0	613.305	630.324	642.315	615.146	615.243	642.448	634.704	610.800	607.729	594.614
22.5	612.508	634.545	651.519	619.456	619.500	652.325	639.660	608.172	601.340	593.056
23.0	611.269	641.590	656.307	620.695	621.766	658.573	646.581	605.721	595.021	592.207
23.5	609.252	649.546	656.360	620.783	622.677	660.086	652.572	605.349	589.083	591.100
24.0	607.668	656.413	653.475	620.589	621.987	657.183	657.254	606.216	582.542	589.702
24.5	607.614	659.006	649.643	619.757	619.783	653.537	659.431	608.561	577.038	588.074
25.0	610.110	656.953	645.528	616.349	615.748	649.263	658.095	613.455	572.630	585.215
25.5	614.146	652.829	642.377	608.721	607.729	644.758	653.980	617.872	569.674	581.799
26.0	618.049	648.015	636.474	597.817	597.286	639.182	649.563	620.208	568.170	577.330
26.5	619.907	641.917	627.217	589.791	587.844	631.970	643.315	619.288	568.701	572.949
27.0	620.314	636.147	617.349	584.073	581.587	624.164	635.642	616.500	570.382	569.152
27.5	618.199	629.403	611.694	580.560	577.347	618.111	627.527	613.393	573.073	566.250
28.0	612.924	621.243	606.367	576.312	572.869	613.199	620.261	609.898	577.268	561.594
28.5	606.818	613.765	602.083	568.666	566.064	607.738	612.544	604.588	580.091	556.470
29.0	599.747	609.022	596.915	559.205	557.267	601.163	606.570	598.950	582.038	552.302
29.5	593.516	604.207	589.932	550.010	548.567	592.791	600.968	592.853	582.188	549.355
30.0	587.268	598.826	581.401	542.001	539.549	582.896	593.950	587.357	581.640	546.957
30.5	581.224	592.330	574.551	533.770	530.779	574.533	585.958	583.250	580.932	543.266
31.0	576.303	584.728	567.851	523.955	519.176	566.462	575.772	578.640	578.135	538.735
31.5	571.489	575.896	559.594	513.424	508.247	557.603	565.223	571.825	573.604	534.912
32.0	566.842	566.958	549.231	506.583	501.220	547.868	556.753	565.179	567.135	532.062
32.5	561.223	557.497	540.487	501.830	496.556	540.469	548.178	558.913	560.409	528.947
33.0	555.576	548.532	536.602	498.087	493.662	537.814	539.983	551.559	554.355	527.433
33.5	548.673	538.168	536.602	494.361	491.538	537.257	531.487	543.894	549.718	526.177
34.0	541.372	527.212	537.222	492.193	492.202	537.938	523.123	537.646	542.523	525.717
34.5	533.257	517.504	537.345	494.688	495.989	537.186	515.911	530.150	532.027	526.230
35.0	525.292	512.548	537.425	499.397	501.742	536.460	511.406	520.946	521.982	528.177
35.5	517.769	510.371	539.514	502.884	504.760	537.938	509.964	511.857	513.928	527.805
36.0	509.999	508.680	542.947	504.636	504.954	539.717	509.477	503.353	507.132	527.664
36.5	499.857	507.008	544.160	504.459	504.300	540.832	508.132	493.901	501.521	526.071
37.0	488.281	505.716	542.939	505.831	504.556	540.921	506.459	483.679	495.503	523.203
37.5	477.112	505.618	541.452	506.317	503.946	540.292	504.742	473.811	488.679	520.106
38.0	470.006	506.910	537.753	505.733	502.370	537.045	504.698	466.165	481.953	519.406
38.5	465.669	507.123	534.929	504.795	502.335	534.221	505.193	462.943	474.732	518.884
39.0	461.802	506.946	534.124	504.459	504.016	535.726	506.114	462.483	466.997	518.814
39.5	460.474	504.202	535.443	508.494	507.335	540.443	507.919	466.846	465.315	524.230
40.0	465.581	507.123	541.124	520.530	519.141	551.443	511.105	472.050	465.997	532.540

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**CANDELA TABULATION - (Cont.)**

40.5	473.103	520.203	549.735	533.690	532.752	565.276	517.459	479.068	463.457	536.602
41.0	481.714	533.221	556.576	537.186	536.983	565.365	521.867	477.856	451.952	523.885
41.5	494.317	539.806	562.639	535.682	532.566	557.948	516.344	475.245	435.694	504.087
42.0	498.768	528.956	564.099	532.743	527.920	554.983	509.264	470.581	424.384	488.352
42.5	492.343	511.840	549.983	525.743	516.141	546.461	506.255	462.076	428.942	475.838
43.0	471.670	500.972	530.726	510.946	502.078	527.115	499.945	458.563	431.995	463.466
43.5	448.226	498.220	512.654	498.361	493.715	509.061	485.918	455.819	436.774	457.616
44.0	429.384	487.794	503.353	486.918	492.264	503.645	473.661	442.553	446.536	460.988
44.5	425.508	474.041	498.520	476.643	491.237	502.919	468.652	428.402	449.022	462.837
45.0	429.774	462.138	494.919	465.669	477.900	492.538	464.917	423.278	442.553	449.376
45.5	431.039	454.270	489.378	451.049	456.828	475.856	457.297	424.260	435.969	429.083
46.0	428.375	450.191	479.652	438.677	434.615	468.873	453.704	429.871	430.190	416.481
46.5	429.623	449.562	471.652	436.057	425.561	475.263	455.828	437.358	430.800	416.587
47.0	434.101	453.120	471.882	441.580	428.216	482.546	456.687	441.925	434.163	418.278
47.5	438.119	455.961	466.041	445.872	432.066	468.006	446.527	443.527	425.322	403.932
48.0	435.349	447.491	451.067	442.907	433.349	444.668	430.163	436.385	406.454	379.957
48.5	428.712	431.995	432.809	433.296	426.535	422.136	416.392	427.543	394.409	367.054
49.0	427.836	422.216	414.755	422.021	416.233	411.463	410.366	421.260	394.321	357.390
49.5	425.057	414.268	409.100	407.206	403.790	410.551	411.091	423.260	400.763	355.319
50.0	431.880	403.994	407.835	396.701	399.524	406.551	408.835	427.508	406.905	365.009
50.5	427.968	393.471	403.852	394.108	396.684	401.188	389.913	426.605	403.224	368.178
51.0	419.915	378.621	399.808	393.728	389.834	395.754	369.443	419.809	398.843	362.841
51.5	408.923	356.726	396.666	390.303	382.019	397.453	355.620	407.277	387.010	355.159
52.0	392.728	343.309	389.480	380.461	369.390	382.550	348.283	388.090	372.594	351.265
52.5	369.284	337.220	374.709	366.921	365.195	365.071	344.929	366.293	365.089	351.354
53.0	359.407	340.141	360.814	363.956	364.514	365.912	341.123	356.204	359.620	366.664
53.5	353.965	338.335	363.779	382.612	369.673	373.550	334.326	350.619	360.956	373.213
54.0	344.654	333.910	369.620	378.231	383.842	374.620	333.955	352.451	359.868	361.974
54.5	339.212	334.760	378.337	364.399	385.435	369.045	321.105	341.681	348.752	343.557
55.0	335.937	327.999	355.310	357.434	370.585	348.566	313.175	317.803	338.327	322.706
55.5	315.441	318.273	337.495	346.097	344.150	323.476	314.511	290.926	326.715	309.644
56.0	292.652	299.590	328.848	333.795	329.707	321.299	304.528	283.297	309.396	311.573
56.5	281.970	290.156	324.768	320.255	319.689	318.547	293.431	280.253	298.847	297.679
57.0	286.731	289.315	315.343	309.564	307.068	318.715	294.404	280.819	292.608	296.749
57.5	286.713	287.634	301.873	306.360	299.033	309.361	292.085	273.730	285.545	294.006
58.0	271.562	292.537	304.396	305.900	291.386	297.625	293.731	264.810	280.173	294.174
58.5	268.677	288.076	291.094	294.068	285.395	281.138	283.350	267.297	278.766	294.386
59.0	277.987	288.891	270.394	287.811	286.289	272.633	276.164	271.014	268.589	296.732
59.5	277.908	279.386	268.677	289.006	276.031	276.129	275.085	271.801	254.420	289.616
60.0	279.368	264.854	265.588	282.996	277.855	268.341	277.262	257.907	251.473	277.757
60.5	261.774	265.066	246.826	271.129	276.598	254.915	275.279	254.703	243.136	271.801
61.0	247.278	269.013	235.445	256.004	264.013	237.684	257.252	242.499	231.631	260.721
61.5	242.455	248.189	225.817	249.154	256.004	228.250	242.127	230.817	227.038	246.844
62.0	240.472	229.427	222.843	237.596	242.817	222.790	233.330	235.755	220.887	245.915
62.5	234.932	219.737	224.701	227.171	229.268	222.153	219.984	238.614	221.675	229.126
63.0	231.312	214.232	218.807	209.488	212.241	217.011	206.886	220.984	211.072	213.011
63.5	220.498	197.851	202.222	205.683	209.170	184.514	197.408	216.002	197.426	208.196
64.0	210.683	186.434	184.903	196.470	205.170	174.115	188.425	207.984	192.346	200.674
64.5	203.992	185.036	166.955	187.275	189.036	168.035	180.221	194.479	181.708	189.673
65.0	181.947	173.787	151.494	169.539	172.902	154.123	165.628	175.965	173.150	187.664
65.5	161.035	158.857	142.759	163.300	167.504	146.963	158.309	158.610	163.743	184.257
66.0	149.299	153.335	134.732	162.822	151.645	135.237	152.344	153.123	153.503	171.026
66.5	147.308	156.910	136.122	152.804	149.875	135.847	146.698	151.866	163.300	159.468
67.0	150.981	142.096	135.936	141.795	138.564	142.202	138.635	141.768	154.946	151.140
67.5	137.246	134.139	125.989	138.210	136.184	128.405	125.882	131.838	146.591	142.804
68.0	123.811	123.820	119.077	137.564	137.529	120.236	124.475	127.856	138.237	134.467

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**CANDELA TABULATION - (Cont.)**

68.5	111.413	116.395	107.359	115.855	117.979	103.501	107.324	110.944	129.883	126.130
69.0	108.855	94.872	104.580	104.377	109.775	99.164	95.801	94.845	121.555	117.811
69.5	97.332	88.783	101.501	94.881	103.368	95.562	86.084	89.845	113.448	110.952
70.0	90.544	88.889	91.597	95.518	94.907	82.526	84.553	87.296	89.854	107.598
70.5	88.004	81.854	76.234	88.438	96.226	68.357	77.650	90.323	84.464	99.996
71.0	91.350	82.420	68.800	89.111	97.810	72.889	82.632	83.455	81.517	94.465
71.5	87.199	76.243	73.827	89.889	87.978	77.314	74.951	72.561	76.862	90.173
72.0	69.446	62.437	62.773	86.597	80.216	65.384	63.154	65.605	73.358	76.066
72.5	58.056	60.985	59.056	72.703	73.827	64.640	59.180	60.897	73.402	72.234
73.0	55.401	55.905	56.038	70.473	62.950	68.402	55.233	56.321	61.171	67.685
73.5	53.082	50.781	53.047	66.463	58.481	62.631	51.295	51.746	60.976	61.065
74.0	50.755	45.666	50.064	56.923	54.419	56.374	47.347	47.170	56.038	57.799
74.5	48.427	40.551	47.073	52.109	50.356	50.109	43.409	42.595	48.454	49.648
75.0	43.967	35.427	44.091	47.631	46.294	43.852	35.630	39.197	46.507	47.312
75.5	34.754	33.126	38.152	43.144	42.232	37.586	35.692	33.028	43.719	41.347
76.0	31.798	36.373	33.400	38.657	37.692	35.621	31.816	29.860	36.099	38.303
76.5	31.621	36.462	30.736	34.011	34.533	27.603	31.462	29.152	31.400	29.621
77.0	27.108	32.435	27.966	29.276	25.311	28.506	29.214	29.400	26.311	27.099
77.5	25.399	27.674	25.877	23.621	21.125	25.329	25.523	24.178	27.152	22.081
78.0	22.798	25.222	24.576	19.612	20.709	19.709	19.036	21.727	23.479	19.426
78.5	19.169	18.603	21.284	18.735	15.895	17.125	19.266	14.726	19.806	16.780
79.0	16.134	15.169	14.718	11.213	12.788	13.894	14.372	13.709	16.134	14.125
79.5	11.089	11.337	11.700	10.708	9.735	10.947	10.248	10.133	12.470	11.470
80.0	8.487	8.531	7.956	7.576	8.381	8.071	8.354	8.133	8.797	8.877
80.5	6.850	7.505	6.655	6.637	6.664	6.664	6.894	6.735	7.222	7.390
81.0	5.885	6.142	6.160	6.177	6.239	6.142	6.345	6.222	6.337	6.637
81.5	5.496	5.673	5.691	5.735	5.814	5.673	5.823	5.717	5.744	5.983
82.0	5.124	5.266	5.230	5.292	5.390	5.213	5.301	5.213	5.283	5.540
82.5	4.744	4.859	4.770	4.850	4.974	4.744	4.788	4.708	4.903	5.089
83.0	4.363	4.452	4.425	4.443	4.505	4.336	4.345	4.310	4.496	4.664
83.5	4.000	4.044	4.009	4.027	4.009	3.885	3.947	3.929	4.106	4.230
84.0	3.593	3.646	3.558	3.584	3.531	3.460	3.575	3.558	3.726	3.921
84.5	3.310	3.328	3.221	3.186	3.186	3.168	3.248	3.292	3.496	3.682
85.0	3.142	3.133	2.991	2.982	2.974	2.912	3.036	3.115	3.381	3.505
85.5	2.974	2.974	2.788	2.805	2.779	2.735	2.885	2.974	3.266	3.345
86.0	2.885	2.814	2.628	2.620	2.611	2.593	2.743	2.841	3.168	3.221
86.5	2.832	2.690	2.522	2.460	2.469	2.496	2.620	2.752	2.991	3.133
87.0	2.752	2.602	2.416	2.372	2.363	2.443	2.575	2.735	2.920	3.036
87.5	2.761	2.549	2.354	2.283	2.292	2.372	2.522	2.682	2.788	2.859
88.0	2.690	2.487	2.283	2.248	2.257	2.328	2.381	2.593	2.637	2.708
88.5	2.602	2.389	2.212	2.195	2.221	2.248	2.248	2.549	2.469	2.496
89.0	2.443	2.248	2.124	2.142	2.133	2.195	2.159	2.416	2.328	2.336
89.5	2.310	2.124	2.053	2.071	2.071	2.097	2.089	2.221	2.186	2.177
90.0	2.044	1.991	1.974	2.000	1.991	1.974	1.991	2.080	2.062	2.044
90.5	1.867	1.841	1.885	1.920	1.912	1.876	1.805	1.920	1.920	1.929
91.0	1.735	1.752	1.779	1.832	1.841	1.770	1.708	1.743	1.770	1.805
91.5	1.637	1.673	1.681	1.735	1.761	1.690	1.611	1.628	1.655	1.664
92.0	1.558	1.584	1.602	1.664	1.664	1.593	1.522	1.513	1.558	1.549
92.5	1.478	1.496	1.513	1.566	1.575	1.496	1.434	1.425	1.478	1.460
93.0	1.381	1.398	1.425	1.469	1.478	1.398	1.354	1.327	1.381	1.354
93.5	1.292	1.310	1.327	1.372	1.372	1.301	1.274	1.239	1.283	1.257
94.0	1.212	1.230	1.239	1.274	1.266	1.212	1.186	1.159	1.204	1.168
94.5	1.133	1.150	1.142	1.168	1.168	1.124	1.097	1.080	1.115	1.080
95.0	1.053	1.071	1.053	1.071	1.062	1.035	1.009	0.991	1.027	0.991
95.5	0.973	0.991	0.982	0.973	0.965	0.965	0.929	0.920	0.938	0.903
96.0	0.912	0.912	0.912	0.885	0.876	0.876	0.841	0.841	0.850	0.832

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**CANDELA TABULATION - (Cont.)**

96.5	0.841	0.832	0.841	0.814	0.805	0.796	0.770	0.761	0.779	0.770
97.0	0.761	0.752	0.770	0.761	0.752	0.717	0.708	0.690	0.717	0.708
97.5	0.690	0.690	0.690	0.717	0.699	0.646	0.655	0.628	0.664	0.646
98.0	0.628	0.628	0.611	0.681	0.637	0.584	0.584	0.575	0.611	0.584
98.5	0.575	0.566	0.558	0.619	0.584	0.549	0.531	0.531	0.558	0.531
99.0	0.522	0.513	0.513	0.513	0.540	0.513	0.487	0.478	0.504	0.487
99.5	0.469	0.460	0.460	0.425	0.460	0.469	0.451	0.434	0.460	0.442
100.0	0.425	0.416	0.398	0.372	0.389	0.434	0.407	0.398	0.416	0.416
100.5	0.381	0.372	0.363	0.336	0.345	0.381	0.381	0.363	0.389	0.381
101.0	0.345	0.345	0.327	0.310	0.319	0.345	0.354	0.345	0.363	0.354
101.5	0.319	0.319	0.292	0.283	0.292	0.319	0.336	0.319	0.345	0.327
102.0	0.301	0.292	0.274	0.257	0.265	0.292	0.310	0.301	0.327	0.301
102.5	0.274	0.265	0.248	0.239	0.248	0.274	0.292	0.292	0.310	0.283
103.0	0.257	0.248	0.230	0.221	0.221	0.248	0.265	0.274	0.292	0.265
103.5	0.239	0.221	0.212	0.204	0.204	0.230	0.248	0.257	0.274	0.248
104.0	0.221	0.204	0.195	0.186	0.186	0.204	0.230	0.230	0.257	0.230
104.5	0.204	0.186	0.168	0.159	0.168	0.177	0.204	0.212	0.230	0.212
105.0	0.177	0.168	0.150	0.142	0.142	0.150	0.177	0.186	0.212	0.186
105.5	0.159	0.150	0.133	0.124	0.124	0.133	0.150	0.159	0.186	0.177
106.0	0.133	0.133	0.115	0.106	0.106	0.115	0.124	0.133	0.168	0.159
106.5	0.115	0.106	0.097	0.088	0.097	0.097	0.097	0.106	0.150	0.142
107.0	0.097	0.088	0.088	0.080	0.080	0.088	0.080	0.088	0.142	0.142
107.5	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.133	0.142
108.0	0.071	0.071	0.071	0.080	0.080	0.080	0.080	0.080	0.142	0.142
108.5	0.071	0.071	0.071	0.080	0.080	0.080	0.080	0.080	0.142	0.142
109.0	0.071	0.071	0.080	0.080	0.080	0.080	0.080	0.080	0.142	0.142
109.5	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.142	0.142
110.0	0.080	0.080	0.080	0.080	0.080	0.088	0.080	0.080	0.142	0.142
110.5	0.080	0.080	0.080	0.080	0.088	0.088	0.088	0.088	0.150	0.150
111.0	0.080	0.088	0.080	0.088	0.088	0.088	0.088	0.088	0.150	0.150
111.5	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.150	0.150
112.0	0.088	0.088	0.088	0.088	0.088	0.097	0.097	0.097	0.150	0.150
112.5	0.097	0.097	0.088	0.088	0.097	0.097	0.097	0.097	0.159	0.159
113.0	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.159	0.159
113.5	0.097	0.097	0.097	0.097	0.097	0.106	0.106	0.106	0.159	0.159
114.0	0.097	0.097	0.097	0.097	0.106	0.106	0.106	0.106	0.168	0.168
114.5	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.168	0.168
115.0	0.106	0.106	0.106	0.106	0.106	0.106	0.115	0.115	0.168	0.168
115.5	0.106	0.115	0.106	0.115	0.115	0.115	0.115	0.115	0.177	0.177
116.0	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.177	0.177
116.5	0.115	0.115	0.115	0.115	0.115	0.124	0.124	0.124	0.186	0.177
117.0	0.115	0.115	0.124	0.124	0.124	0.124	0.124	0.124	0.186	0.186
117.5	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.186	0.186
118.0	0.124	0.124	0.124	0.124	0.133	0.133	0.133	0.133	0.186	0.195
118.5	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.195	0.195
119.0	0.133	0.133	0.133	0.133	0.133	0.142	0.142	0.142	0.195	0.195
119.5	0.133	0.133	0.133	0.142	0.142	0.142	0.142	0.142	0.204	0.204
120.0	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.150	0.204	0.204
120.5	0.142	0.142	0.142	0.150	0.150	0.150	0.150	0.150	0.204	0.204
121.0	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.212	0.212
121.5	0.150	0.150	0.150	0.150	0.159	0.159	0.159	0.159	0.212	0.212
122.0	0.159	0.159	0.159	0.159	0.159	0.159	0.159	0.159	0.221	0.221
122.5	0.159	0.159	0.159	0.159	0.159	0.159	0.159	0.168	0.221	0.221
123.0	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.230	0.230
123.5	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.230	0.230
124.0	0.168	0.177	0.177	0.177	0.177	0.177	0.177	0.177	0.239	0.239

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**CANDELA TABULATION - (Cont.)**

124.5	0.177	0.177	0.177	0.177	0.177	0.177	0.177	0.177	0.239	0.239
125.0	0.177	0.177	0.177	0.177	0.186	0.186	0.186	0.186	0.248	0.248
125.5	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.257	0.248
126.0	0.186	0.186	0.186	0.186	0.195	0.195	0.195	0.195	0.257	0.257
126.5	0.195	0.195	0.195	0.195	0.195	0.195	0.195	0.195	0.265	0.265
127.0	0.195	0.195	0.195	0.195	0.204	0.204	0.204	0.204	0.274	0.265
127.5	0.204	0.204	0.204	0.204	0.204	0.204	0.204	0.204	0.274	0.274
128.0	0.204	0.204	0.204	0.204	0.212	0.212	0.212	0.212	0.283	0.283
128.5	0.212	0.212	0.212	0.212	0.212	0.212	0.212	0.212	0.292	0.292
129.0	0.212	0.221	0.212	0.212	0.221	0.221	0.221	0.221	0.292	0.292
129.5	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.301	0.301
130.0	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.310	0.310
130.5	0.230	0.230	0.230	0.230	0.239	0.239	0.230	0.239	0.319	0.319
131.0	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.319	0.319
131.5	0.248	0.248	0.248	0.248	0.248	0.248	0.248	0.248	0.327	0.327
132.0	0.248	0.248	0.248	0.248	0.257	0.257	0.248	0.248	0.336	0.336
132.5	0.257	0.257	0.257	0.257	0.257	0.257	0.257	0.257	0.345	0.345
133.0	0.257	0.265	0.257	0.265	0.265	0.265	0.265	0.265	0.354	0.354
133.5	0.265	0.265	0.265	0.265	0.274	0.274	0.265	0.265	0.363	0.363
134.0	0.274	0.274	0.274	0.274	0.274	0.274	0.274	0.274	0.372	0.372
134.5	0.274	0.283	0.274	0.274	0.283	0.283	0.274	0.274	0.381	0.381
135.0	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.389	0.381
135.5	0.283	0.283	0.283	0.283	0.292	0.292	0.283	0.292	0.389	0.389
136.0	0.292	0.292	0.292	0.292	0.292	0.292	0.292	0.292	0.398	0.398
136.5	0.292	0.292	0.292	0.292	0.292	0.292	0.292	0.292	0.407	0.407
137.0	0.301	0.301	0.301	0.301	0.301	0.301	0.301	0.301	0.416	0.416
137.5	0.301	0.301	0.301	0.301	0.301	0.301	0.301	0.301	0.425	0.425
138.0	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.425	0.425
138.5	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.434	0.434
139.0	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.442	0.442
139.5	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.451	0.451
140.0	0.327	0.327	0.327	0.327	0.327	0.327	0.327	0.327	0.460	0.460
140.5	0.336	0.327	0.327	0.327	0.327	0.336	0.327	0.327	0.469	0.460
141.0	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.478	0.469
141.5	0.345	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.478	0.478
142.0	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.487	0.487
142.5	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.496	0.487
143.0	0.354	0.354	0.345	0.345	0.345	0.354	0.354	0.354	0.496	0.496
143.5	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.504	0.504
144.0	0.363	0.363	0.354	0.354	0.354	0.354	0.354	0.354	0.504	0.513
144.5	0.363	0.381	0.354	0.354	0.354	0.363	0.363	0.363	0.513	0.513
145.0	0.363	0.398	0.354	0.354	0.363	0.363	0.363	0.363	0.513	0.522
145.5	0.363	0.381	0.363	0.363	0.363	0.363	0.363	0.363	0.522	0.522
146.0	0.372	0.363	0.363	0.363	0.363	0.363	0.363	0.363	0.522	0.531
146.5	0.372	0.363	0.363	0.363	0.363	0.363	0.363	0.372	0.531	0.531
147.0	0.372	0.363	0.363	0.363	0.363	0.363	0.363	0.372	0.531	0.540
147.5	0.372	0.363	0.363	0.363	0.363	0.363	0.372	0.372	0.540	0.540
148.0	0.372	0.372	0.363	0.363	0.372	0.363	0.372	0.372	0.540	0.549
148.5	0.381	0.372	0.363	0.372	0.372	0.372	0.372	0.372	0.549	0.549
149.0	0.381	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.549	0.549
149.5	0.381	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.549	0.558
150.0	0.381	0.372	0.372	0.372	0.372	0.372	0.372	0.372	0.558	0.575
150.5	0.381	0.372	0.372	0.372	0.372	0.372	0.381	0.372	0.558	0.558
151.0	0.381	0.381	0.372	0.381	0.381	0.381	0.381	0.381	0.566	0.566
151.5	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.566	0.566
152.0	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.566	0.566

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**CANDELA TABULATION - (Cont.)**

152.5	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.575	0.575
153.0	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.575	0.575
153.5	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.575	0.575
154.0	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.575	0.575
154.5	0.389	0.381	0.381	0.389	0.389	0.381	0.389	0.389	0.575	0.575
155.0	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.575	0.584
155.5	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.575	0.584
156.0	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.575	0.584
156.5	0.398	0.389	0.389	0.398	0.398	0.398	0.398	0.398	0.575	0.575
157.0	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.575	0.575
157.5	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.575	0.575
158.0	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.575	0.584
158.5	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.407	0.584	0.584
159.0	0.407	0.398	0.398	0.398	0.398	0.407	0.407	0.407	0.584	0.584
159.5	0.407	0.398	0.398	0.407	0.407	0.407	0.407	0.407	0.584	0.584
160.0	0.407	0.407	0.398	0.407	0.407	0.407	0.407	0.407	0.584	0.584
160.5	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.584	0.584
161.0	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.584	0.593
161.5	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.593	0.593
162.0	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.584	0.593
162.5	0.407	0.407	0.407	0.407	0.416	0.407	0.416	0.416	0.584	0.593
163.0	0.416	0.407	0.407	0.416	0.416	0.416	0.416	0.416	0.584	0.593
163.5	0.416	0.416	0.416	0.416	0.416	0.416	0.416	0.416	0.584	0.584
164.0	0.416	0.416	0.416	0.416	0.425	0.416	0.416	0.425	0.584	0.584
164.5	0.425	0.425	0.416	0.425	0.425	0.425	0.425	0.425	0.584	0.584
165.0	0.434	0.425	0.425	0.425	0.434	0.425	0.425	0.434	0.584	0.584
165.5	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.584	0.584
166.0	0.442	0.442	0.434	0.434	0.442	0.434	0.434	0.442	0.584	0.584
166.5	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.584	0.584
167.0	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.584	0.584
167.5	0.451	0.451	0.442	0.442	0.451	0.442	0.442	0.451	0.584	0.584
168.0	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.584	0.584
168.5	0.460	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.584	0.584
169.0	0.460	0.451	0.451	0.451	0.460	0.451	0.451	0.460	0.584	0.584
169.5	0.460	0.460	0.451	0.451	0.460	0.460	0.460	0.460	0.584	0.584
170.0	0.460	0.460	0.451	0.460	0.460	0.460	0.460	0.460	0.575	0.584
170.5	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.575	0.584
171.0	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.575	0.575
171.5	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.575	0.575
172.0	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.575	0.584
172.5	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.575	0.584
173.0	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.575	0.584
173.5	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.575	0.584
174.0	0.496	0.496	0.496	0.487	0.487	0.487	0.487	0.487	0.575	0.584
174.5	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.575	0.584
175.0	0.522	0.522	0.513	0.513	0.513	0.513	0.513	0.513	0.575	0.584
175.5	0.531	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.575	0.575
176.0	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.575	0.575
176.5	0.540	0.540	0.531	0.531	0.531	0.531	0.531	0.531	0.566	0.566
177.0	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.566	0.566
177.5	0.549	0.549	0.540	0.540	0.549	0.540	0.540	0.540	0.558	0.566
178.0	0.549	0.549	0.549	0.549	0.549	0.549	0.540	0.540	0.558	0.558
178.5	0.549	0.549	0.540	0.549	0.549	0.549	0.549	0.540	0.549	0.558
179.0	0.549	0.549	0.540	0.549	0.549	0.549	0.549	0.549	0.549	0.549
179.5	0.558	0.558	0.549	0.549	0.549	0.549	0.549	0.549	0.549	0.549
180.0	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558

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**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>200</b></u>	<u><b>210</b></u>	<u><b>220</b></u>	<u><b>230</b></u>	<u><b>240</b></u>	<u><b>250</b></u>	<u><b>260</b></u>	<u><b>270</b></u>	<u><b>280</b></u>	<u><b>290</b></u>
<b>0.0</b>	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961	638.961
<b>0.5</b>	638.448	638.873	639.581	640.147	640.643	640.882	640.961	641.085	641.129	640.979
<b>1.0</b>	637.368	638.740	639.855	641.227	642.156	642.448	642.262	641.802	641.103	640.598
<b>1.5</b>	636.120	637.855	639.997	641.970	643.006	643.112	642.014	640.758	639.359	638.324
<b>2.0</b>	635.129	636.873	639.643	641.837	643.068	642.209	640.519	638.173	636.209	634.864
<b>2.5</b>	634.341	635.421	638.855	641.421	642.368	640.660	638.005	635.872	634.067	633.448
<b>3.0</b>	634.111	635.014	638.943	642.280	641.722	638.784	636.032	634.058	633.660	634.607
<b>3.5</b>	635.085	635.722	640.669	644.501	643.280	638.368	634.580	633.465	634.979	637.430
<b>4.0</b>	636.492	636.970	642.997	647.678	645.758	639.333	635.457	634.651	636.926	640.828
<b>4.5</b>	639.696	640.351	647.891	653.865	649.740	642.059	638.262	638.085	639.802	643.758
<b>5.0</b>	645.900	647.041	654.803	662.060	656.298	647.395	643.643	642.873	643.023	645.731
<b>5.5</b>	653.519	655.068	662.785	670.715	663.626	654.838	651.546	648.404	645.758	646.678
<b>6.0</b>	661.387	662.971	669.564	677.503	669.750	662.210	660.060	654.139	648.342	646.962
<b>6.5</b>	667.653	669.485	674.405	682.822	674.370	668.848	668.759	660.414	650.360	646.395
<b>7.0</b>	671.609	673.901	677.901	686.415	677.813	674.113	676.016	666.573	652.466	645.448
<b>7.5</b>	674.388	676.671	681.193	688.388	679.299	678.291	681.317	671.706	654.360	644.519
<b>8.0</b>	676.689	678.822	682.539	689.495	679.830	680.919	684.822	676.149	656.573	644.899
<b>8.5</b>	679.078	680.193	682.131	689.291	679.060	684.070	687.910	679.981	658.953	646.130
<b>9.0</b>	681.574	681.477	680.503	687.733	678.370	686.716	690.742	683.972	663.148	647.891
<b>9.5</b>	682.910	683.052	679.122	685.804	678.344	689.043	693.601	688.105	668.175	650.457
<b>10.0</b>	682.618	682.450	677.644	683.379	679.087	690.327	696.566	692.778	673.113	654.077
<b>10.5</b>	681.654	681.061	676.556	681.220	680.246	691.459	698.274	696.283	678.494	659.360
<b>11.0</b>	680.211	679.494	675.609	679.892	681.680	692.645	697.955	698.256	682.972	665.954
<b>11.5</b>	679.105	678.211	674.529	679.131	682.344	692.636	696.291	697.442	688.008	673.140
<b>12.0</b>	677.901	676.087	673.476	678.326	682.512	692.362	694.707	696.212	692.539	680.114
<b>12.5</b>	676.237	673.724	671.175	675.857	681.689	691.973	693.026	694.716	696.079	686.114
<b>13.0</b>	673.503	670.582	666.812	670.741	679.344	690.273	691.964	694.070	699.991	691.468
<b>13.5</b>	670.777	665.246	660.387	663.777	675.423	687.132	690.796	694.451	703.557	692.566
<b>14.0</b>	666.697	658.936	654.528	657.449	669.989	683.211	688.282	695.610	705.947	689.548
<b>14.5</b>	660.918	652.095	649.546	652.139	663.874	677.751	684.609	696.265	706.044	684.043
<b>15.0</b>	655.086	646.908	646.032	648.041	658.874	671.724	680.096	696.814	703.725	676.600
<b>15.5</b>	649.546	643.076	642.563	644.944	655.245	666.476	675.122	697.628	697.318	670.219
<b>16.0</b>	644.908	639.899	639.014	642.183	652.440	661.369	670.724	697.637	689.362	665.254
<b>16.5</b>	641.643	637.111	635.846	639.218	650.024	656.891	666.210	696.132	680.061	662.361
<b>17.0</b>	638.687	634.262	632.722	635.244	648.696	653.121	663.369	692.035	671.087	659.555
<b>17.5</b>	635.483	630.837	627.775	630.439	646.422	650.130	661.139	685.335	663.414	657.192
<b>18.0</b>	632.226	626.412	621.297	624.943	642.315	647.032	659.113	676.715	658.493	654.564
<b>18.5</b>	628.757	621.412	616.066	620.792	637.704	644.245	658.130	666.467	653.953	649.900
<b>19.0</b>	624.394	616.801	612.544	617.854	633.483	640.483	656.493	654.882	650.121	642.607
<b>19.5</b>	619.978	613.933	610.544	614.526	630.023	635.111	655.033	644.253	646.572	636.182
<b>20.0</b>	615.907	610.774	608.676	610.553	626.739	629.899	652.457	635.138	641.855	631.819
<b>20.5</b>	612.650	607.482	606.136	606.437	621.951	626.146	648.625	627.943	635.156	630.111
<b>21.0</b>	610.225	604.499	602.375	600.543	617.332	623.721	642.094	623.067	626.483	630.288
<b>21.5</b>	607.075	601.313	597.871	594.561	611.951	620.987	635.235	618.668	617.898	630.492
<b>22.0</b>	603.871	596.216	593.614	589.658	606.924	617.677	628.315	614.464	611.739	628.846
<b>22.5</b>	599.260	590.463	590.870	588.189	603.605	613.969	621.305	608.933	608.349	627.403
<b>23.0</b>	594.888	585.711	588.675	587.675	601.959	610.694	613.004	601.464	606.287	624.934
<b>23.5</b>	591.357	581.657	586.817	586.649	601.393	608.676	604.260	592.516	604.836	622.571
<b>24.0</b>	589.357	579.728	585.038	585.020	600.048	608.128	596.817	583.684	602.366	621.146
<b>24.5</b>	587.888	578.870	582.932	584.463	598.747	608.915	590.153	575.188	599.295	623.252
<b>25.0</b>	585.321	578.719	581.861	581.861	597.649	609.287	583.188	567.984	594.401	628.846
<b>25.5</b>	582.392	577.188	578.206	577.294	595.729	609.553	577.489	563.232	590.976	635.793
<b>26.0</b>	578.940	573.400	573.577	570.436	592.614	609.676	572.772	560.851	588.587	642.545

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**CANDELA TABULATION - (Cont.)**

26.5	575.011	567.117	569.674	565.984	586.843	606.774	569.524	559.807	589.065	647.962
27.0	571.206	563.143	566.329	562.940	581.472	602.632	566.913	557.931	591.968	649.139
27.5	567.639	560.842	564.187	561.382	578.109	597.180	564.754	554.585	595.747	646.006
28.0	562.356	559.408	560.462	559.205	575.622	590.410	561.931	549.877	600.508	640.519
28.5	556.488	558.028	557.161	556.992	572.489	582.861	558.780	545.213	603.517	633.156
29.0	551.638	556.329	554.364	555.479	569.232	576.604	554.709	544.549	603.066	626.049
29.5	548.417	553.939	551.098	554.461	565.471	570.250	549.895	546.850	599.862	619.757
30.0	544.602	552.001	548.647	554.745	562.940	562.913	543.337	549.762	596.587	615.385
30.5	540.762	549.258	549.027	555.612	561.435	555.630	537.098	554.045	594.401	609.942
31.0	537.620	546.222	551.258	555.780	560.816	549.585	532.752	558.276	592.516	603.119
31.5	536.381	543.346	553.408	554.798	559.683	545.293	531.115	562.603	589.437	595.189
32.0	534.575	542.346	554.258	553.771	558.081	542.514	530.557	567.489	585.144	586.189
32.5	531.009	540.248	554.541	551.877	556.461	541.602	528.310	570.984	579.719	576.985
33.0	523.371	539.717	554.860	549.842	554.585	540.363	524.433	570.843	572.825	568.648
33.5	516.751	539.708	553.992	549.603	553.700	537.487	520.566	565.887	562.205	561.665
34.0	512.822	539.346	554.311	551.452	554.762	533.248	517.999	557.329	550.966	555.745
34.5	510.822	537.213	554.337	553.709	556.824	528.168	516.530	549.160	540.788	551.355
35.0	509.158	537.230	551.435	553.851	559.692	523.062	515.937	541.903	532.797	546.673
35.5	508.025	537.248	543.231	548.222	560.037	517.468	516.645	536.204	524.973	540.664
36.0	505.503	535.142	535.867	540.965	556.762	512.282	518.017	530.310	518.619	535.682
36.5	503.016	529.991	532.655	537.319	549.735	509.521	517.433	524.159	512.946	529.956
37.0	504.565	525.177	530.142	535.452	541.779	509.132	517.238	519.389	507.255	523.982
37.5	506.963	523.495	526.168	532.133	538.027	507.255	516.380	514.450	501.060	518.592
38.0	505.875	520.327	519.433	526.637	537.098	502.866	516.681	507.397	494.016	515.610
38.5	499.919	513.999	510.795	518.344	534.938	495.609	517.229	499.290	489.175	514.760
39.0	494.281	504.884	501.184	508.521	531.566	488.148	518.583	492.175	484.148	514.318
39.5	496.919	501.715	493.343	497.928	525.478	484.254	522.123	485.582	477.688	512.725
40.0	511.096	500.503	498.087	497.370	522.354	485.874	528.292	480.095	470.944	510.866
40.5	518.805	496.388	500.760	495.945	524.265	492.591	530.018	473.926	465.864	505.777
41.0	508.725	488.980	489.069	491.777	517.875	494.662	533.522	473.183	465.581	502.264
41.5	492.494	476.130	469.360	488.113	498.963	492.564	527.442	469.563	473.298	508.388
42.0	485.909	457.545	451.483	474.466	481.413	489.812	505.530	461.943	484.776	515.654
42.5	480.219	440.403	442.181	456.793	465.882	471.192	479.697	452.987	485.759	518.645
43.0	471.953	425.782	434.331	434.535	457.572	452.837	464.156	442.420	474.033	510.663
43.5	466.616	420.534	428.800	428.588	452.182	433.278	463.669	437.739	465.749	494.839
44.0	462.997	427.712	428.305	429.110	455.448	423.384	469.271	435.376	459.908	486.139
44.5	454.332	434.420	420.906	428.756	454.970	420.348	469.121	437.287	458.545	473.236
45.0	441.978	430.349	408.180	430.349	451.111	423.623	462.377	444.712	455.722	464.935
45.5	437.119	419.021	400.799	435.969	431.544	431.960	448.244	458.687	450.651	458.819
46.0	433.473	414.445	409.127	444.252	416.897	440.836	435.110	461.908	439.128	458.173
46.5	429.880	417.676	429.889	445.615	423.180	445.261	429.349	448.863	427.366	448.677
47.0	428.703	421.809	438.402	440.774	432.216	436.686	427.951	440.526	426.597	441.624
47.5	418.109	423.508	431.862	432.800	430.314	419.163	418.702	435.845	427.234	443.845
48.0	405.949	423.092	419.242	425.065	425.296	409.861	409.215	428.358	425.163	443.075
48.5	396.790	417.985	410.233	420.915	423.357	404.843	405.047	417.897	425.464	431.561
49.0	395.790	402.586	400.011	412.047	420.065	404.277	397.931	410.817	428.004	418.481
49.5	398.471	391.046	399.710	406.206	407.569	408.950	390.577	404.100	423.703	405.772
50.0	402.843	389.462	404.746	400.533	393.993	404.436	392.312	394.621	419.410	390.719
50.5	401.666	387.444	397.622	393.276	380.975	395.091	389.019	389.515	419.269	376.231
51.0	389.940	369.576	385.170	390.090	367.647	388.692	376.815	387.940	417.915	364.735
51.5	377.329	357.699	378.196	385.356	354.504	384.833	365.593	384.373	397.002	360.301
52.0	365.310	350.009	372.452	373.682	342.760	378.798	351.938	376.390	378.196	358.159
52.5	351.655	341.858	366.452	371.417	340.132	365.443	350.416	367.514	363.018	356.133
53.0	338.468	341.539	366.328	358.841	332.919	359.009	357.115	366.549	351.177	350.416
53.5	336.787	346.407	353.540	354.850	333.831	356.841	359.522	364.673	344.716	349.584
54.0	347.787	341.521	346.876	359.390	330.955	352.973	363.478	364.036	338.433	350.026



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**CANDELA TABULATION - (Cont.)**

54.5	343.849	318.627	340.044	364.885	312.555	353.717	357.567	366.434	326.193	343.814
55.0	320.618	305.794	323.388	348.557	304.263	336.114	343.150	343.929	320.600	335.114
55.5	297.006	304.564	311.856	324.229	309.900	306.449	332.928	326.830	313.396	318.883
56.0	286.873	299.033	303.440	307.856	297.997	292.245	321.954	309.635	296.130	299.971
56.5	286.598	291.165	305.865	301.360	279.501	289.174	322.485	295.519	288.342	294.519
57.0	283.766	279.669	301.856	300.280	270.182	286.837	314.635	290.315	281.545	286.775
57.5	282.749	269.890	289.014	285.519	269.907	274.200	302.325	284.669	278.014	276.014
58.0	270.199	268.624	283.651	283.492	270.235	269.633	302.077	276.164	275.633	271.509
58.5	255.668	274.952	272.421	272.872	266.801	268.659	310.839	266.252	272.199	269.199
59.0	252.322	283.811	265.615	267.712	267.987	261.792	297.192	252.313	260.632	252.738
59.5	241.994	286.616	256.384	276.155	260.571	260.978	281.784	256.278	253.871	246.393
60.0	235.702	283.271	253.429	281.129	264.562	261.615	268.960	245.703	250.039	240.968
60.5	224.489	274.536	255.322	273.456	266.810	254.862	260.526	240.446	241.977	241.366
61.0	214.099	264.898	247.827	258.747	248.508	246.437	251.836	222.878	239.242	240.959
61.5	212.595	256.632	234.746	251.632	239.021	236.614	253.225	223.162	231.879	213.630
62.0	223.905	254.995	233.755	246.428	244.101	231.073	240.331	226.905	225.586	196.320
62.5	232.658	246.101	223.852	235.065	246.667	228.914	226.719	223.914	218.648	197.674
63.0	229.596	223.790	214.931	222.347	227.020	227.330	215.028	218.701	211.453	203.727
63.5	217.887	214.869	209.595	218.409	209.506	221.170	211.612	191.788	202.293	186.726
64.0	205.913	207.046	204.444	201.037	209.541	217.126	199.054	187.045	187.461	174.451
64.5	190.027	195.957	197.753	185.222	203.488	192.673	191.151	178.336	174.619	174.053
65.0	178.797	194.930	178.814	177.133	195.974	183.850	184.761	169.469	165.017	166.415
65.5	172.867	174.062	170.734	173.858	179.770	181.726	174.345	161.663	158.088	162.574
66.0	169.840	165.247	168.035	174.495	172.053	176.080	159.185	158.318	150.822	154.353
66.5	165.583	147.892	167.415	168.929	163.212	165.822	151.804	154.335	143.556	145.990
67.0	162.300	141.441	155.902	160.176	154.202	163.681	149.662	145.759	136.290	137.626
67.5	152.220	134.980	144.397	151.016	145.202	154.884	143.883	137.184	129.024	129.263
68.0	142.149	128.529	132.892	141.848	136.193	145.724	138.104	128.617	121.741	120.829
68.5	132.069	122.050	121.387	132.688	127.183	136.573	132.325	120.041	111.563	111.333
69.0	121.988	113.059	109.997	123.431	118.201	127.413	126.484	111.510	105.572	102.297
69.5	111.908	107.421	104.934	109.890	117.059	118.121	119.581	105.669	102.394	95.040
70.0	101.341	95.456	97.173	102.660	107.864	105.067	114.961	101.164	93.801	92.120
70.5	89.836	92.748	94.969	99.616	99.456	101.014	103.633	93.518	95.952	93.447
71.0	83.119	86.084	90.332	95.748	95.536	87.288	95.934	82.208	86.376	93.837
71.5	83.588	81.544	85.624	92.403	90.606	85.641	95.775	80.154	79.172	84.172
72.0	73.782	72.835	82.916	85.438	82.801	77.331	85.261	74.712	73.720	77.544
72.5	70.057	68.800	68.357	76.083	76.349	76.172	73.411	73.207	70.950	76.075
73.0	67.764	60.932	62.888	74.791	68.207	73.048	68.791	72.995	71.349	63.994
73.5	65.233	58.649	60.994	64.534	65.047	66.233	64.800	64.888	59.737	61.888
74.0	57.392	53.427	58.348	60.799	56.171	64.658	56.339	59.959	59.799	60.109
74.5	52.056	53.268	51.445	51.516	48.100	49.719	54.587	51.551	51.896	49.348
75.0	43.418	46.940	46.675	46.206	49.648	47.436	50.082	47.383	45.454	44.639
75.5	42.790	39.356	43.533	42.630	46.790	43.799	48.091	42.852	41.657	44.887
76.0	39.197	37.117	34.869	34.515	38.551	38.400	34.736	35.781	35.223	39.940
76.5	31.382	34.789	32.621	30.931	34.542	30.276	27.984	28.054	29.028	35.896
77.0	27.382	25.329	28.435	32.134	25.621	24.842	22.567	27.453	30.232	32.152
77.5	22.417	22.983	22.815	24.851	22.213	21.727	18.089	23.983	25.585	22.497
78.0	19.550	20.107	19.859	21.523	19.266	18.603	15.957	20.523	21.957	19.417
78.5	16.673	17.231	16.912	18.204	16.319	15.487	13.815	17.054	18.328	16.337
79.0	13.797	14.364	13.956	14.877	13.381	12.363	11.673	13.585	14.700	13.248
79.5	10.930	11.487	11.001	11.549	10.434	9.292	9.531	10.116	11.071	10.160
80.0	8.107	8.638	8.062	8.222	7.584	7.222	7.443	6.655	7.496	7.115
80.5	7.275	7.222	6.947	6.664	6.779	6.222	6.434	6.027	5.814	6.337
81.0	6.496	6.567	6.283	6.071	5.974	5.823	5.797	5.407	5.328	5.381
81.5	6.036	6.124	5.814	5.611	5.487	5.115	5.230	4.947	4.806	4.903
82.0	5.567	5.682	5.416	5.221	5.062	4.664	4.664	4.390	4.266	4.452

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**CANDELA TABULATION - (Cont.)**

82.5	5.106	5.248	4.991	4.806	4.673	4.336	4.248	4.009	3.938	4.133
83.0	4.673	4.779	4.611	4.407	4.319	4.009	3.894	3.690	3.558	3.770
83.5	4.248	4.372	4.248	4.115	4.009	3.735	3.620	3.390	3.257	3.390
84.0	3.974	4.062	4.000	3.921	3.717	3.451	3.381	3.186	3.062	3.097
84.5	3.752	3.823	3.770	3.673	3.469	3.257	3.168	3.018	2.876	2.947
85.0	3.487	3.575	3.522	3.398	3.221	3.036	2.982	2.832	2.726	2.779
85.5	3.283	3.345	3.292	3.221	3.071	2.894	2.814	2.717	2.575	2.646
86.0	3.124	3.177	3.159	3.097	2.938	2.770	2.699	2.584	2.513	2.575
86.5	2.965	3.053	3.044	2.974	2.832	2.655	2.620	2.558	2.425	2.505
87.0	2.841	2.920	2.912	2.850	2.717	2.593	2.575	2.434	2.354	2.451
87.5	2.726	2.761	2.814	2.814	2.655	2.593	2.389	2.292	2.328	2.478
88.0	2.620	2.611	2.752	2.779	2.505	2.487	2.292	2.186	2.274	2.593
88.5	2.540	2.469	2.655	2.602	2.372	2.319	2.195	2.097	2.212	2.451
89.0	2.407	2.301	2.434	2.389	2.221	2.212	2.097	1.974	2.018	2.274
89.5	2.257	2.151	2.212	2.186	2.044	2.080	1.965	1.850	1.858	2.044
90.0	2.124	2.044	2.062	2.018	1.903	1.929	1.814	1.708	1.708	1.841
90.5	2.000	1.929	1.894	1.858	1.752	1.761	1.681	1.602	1.593	1.699
91.0	1.823	1.752	1.735	1.708	1.620	1.602	1.540	1.487	1.469	1.566
91.5	1.664	1.611	1.593	1.558	1.469	1.460	1.425	1.389	1.381	1.469
92.0	1.531	1.469	1.434	1.381	1.336	1.319	1.319	1.292	1.292	1.381
92.5	1.398	1.345	1.292	1.230	1.204	1.204	1.230	1.212	1.212	1.319
93.0	1.292	1.239	1.142	1.089	1.097	1.106	1.133	1.133	1.142	1.248
93.5	1.195	1.142	1.018	0.982	1.009	1.027	1.053	1.071	1.071	1.177
94.0	1.115	1.053	0.912	0.894	0.929	0.956	0.991	1.018	1.018	1.115
94.5	1.027	0.947	0.832	0.805	0.832	0.885	0.912	0.947	0.965	1.044
95.0	0.938	0.841	0.752	0.735	0.743	0.814	0.832	0.876	0.903	0.965
95.5	0.858	0.752	0.681	0.664	0.681	0.752	0.770	0.814	0.850	0.894
96.0	0.788	0.681	0.619	0.602	0.619	0.681	0.717	0.752	0.788	0.832
96.5	0.699	0.619	0.566	0.549	0.566	0.611	0.655	0.699	0.726	0.770
97.0	0.628	0.558	0.504	0.496	0.513	0.549	0.602	0.646	0.673	0.708
97.5	0.575	0.504	0.460	0.451	0.469	0.496	0.549	0.593	0.619	0.655
98.0	0.522	0.460	0.416	0.416	0.425	0.451	0.496	0.549	0.575	0.602
98.5	0.469	0.416	0.381	0.372	0.381	0.416	0.451	0.496	0.522	0.558
99.0	0.434	0.381	0.345	0.345	0.354	0.381	0.416	0.451	0.487	0.522
99.5	0.398	0.354	0.319	0.319	0.327	0.354	0.381	0.407	0.442	0.478
100.0	0.372	0.327	0.301	0.301	0.310	0.327	0.354	0.372	0.407	0.442
100.5	0.336	0.301	0.283	0.283	0.292	0.301	0.319	0.345	0.381	0.407
101.0	0.319	0.283	0.274	0.265	0.274	0.283	0.301	0.319	0.354	0.381
101.5	0.301	0.274	0.257	0.257	0.257	0.274	0.283	0.301	0.327	0.345
102.0	0.283	0.257	0.248	0.239	0.248	0.257	0.265	0.283	0.301	0.319
102.5	0.257	0.248	0.239	0.230	0.239	0.239	0.248	0.265	0.283	0.292
103.0	0.239	0.230	0.221	0.221	0.221	0.230	0.230	0.248	0.265	0.274
103.5	0.221	0.212	0.212	0.212	0.212	0.212	0.212	0.230	0.248	0.257
104.0	0.204	0.204	0.195	0.195	0.195	0.195	0.195	0.212	0.230	0.230
104.5	0.186	0.186	0.186	0.186	0.186	0.177	0.177	0.195	0.212	0.212
105.0	0.168	0.168	0.177	0.177	0.168	0.159	0.168	0.177	0.195	0.186
105.5	0.159	0.159	0.168	0.159	0.159	0.150	0.150	0.159	0.168	0.168
106.0	0.150	0.150	0.159	0.150	0.142	0.133	0.142	0.150	0.150	0.150
106.5	0.142	0.150	0.150	0.142	0.133	0.124	0.133	0.133	0.133	0.133
107.0	0.142	0.150	0.150	0.133	0.124	0.124	0.124	0.124	0.124	0.124
107.5	0.142	0.150	0.150	0.133	0.124	0.124	0.124	0.124	0.124	0.124
108.0	0.142	0.150	0.150	0.133	0.133	0.133	0.124	0.124	0.133	0.133
108.5	0.142	0.150	0.142	0.133	0.133	0.133	0.133	0.133	0.133	0.133
109.0	0.150	0.150	0.142	0.142	0.133	0.133	0.133	0.133	0.133	0.133
109.5	0.150	0.150	0.142	0.142	0.142	0.142	0.133	0.133	0.142	0.142
110.0	0.150	0.150	0.142	0.142	0.142	0.142	0.142	0.142	0.142	0.142

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

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

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**CANDELA TABULATION - (Cont.)**

138.5	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434
139.0	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442
139.5	0.451	0.451	0.451	0.442	0.451	0.451	0.451	0.451	0.451	0.451
140.0	0.451	0.451	0.451	0.451	0.451	0.460	0.451	0.460	0.460	0.460
140.5	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
141.0	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469
141.5	0.478	0.478	0.478	0.469	0.469	0.478	0.478	0.478	0.478	0.478
142.0	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.478	0.487	0.478
142.5	0.487	0.487	0.487	0.487	0.487	0.487	0.487	0.487	0.487	0.487
143.0	0.496	0.496	0.496	0.496	0.487	0.496	0.496	0.496	0.496	0.496
143.5	0.504	0.496	0.496	0.496	0.496	0.504	0.496	0.496	0.496	0.496
144.0	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504
144.5	0.513	0.513	0.513	0.504	0.504	0.513	0.513	0.513	0.513	0.513
145.0	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
145.5	0.522	0.522	0.522	0.522	0.513	0.522	0.522	0.522	0.522	0.522
146.0	0.531	0.522	0.522	0.522	0.522	0.531	0.531	0.522	0.522	0.522
146.5	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531
147.0	0.540	0.540	0.531	0.531	0.531	0.540	0.540	0.531	0.531	0.531
147.5	0.540	0.549	0.540	0.540	0.540	0.540	0.540	0.540	0.540	0.540
148.0	0.549	0.558	0.540	0.540	0.540	0.549	0.549	0.540	0.540	0.540
148.5	0.549	0.549	0.549	0.549	0.540	0.549	0.549	0.549	0.540	0.540
149.0	0.549	0.549	0.549	0.549	0.549	0.558	0.549	0.549	0.549	0.549
149.5	0.558	0.558	0.558	0.558	0.549	0.558	0.558	0.549	0.549	0.549
150.0	0.558	0.558	0.558	0.558	0.549	0.558	0.558	0.558	0.558	0.558
150.5	0.558	0.566	0.558	0.558	0.558	0.566	0.558	0.558	0.558	0.558
151.0	0.566	0.566	0.566	0.566	0.558	0.566	0.558	0.558	0.558	0.558
151.5	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566
152.0	0.566	0.575	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566
152.5	0.575	0.575	0.575	0.575	0.566	0.575	0.575	0.575	0.566	0.566
153.0	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575
153.5	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575
154.0	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575
154.5	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575
155.0	0.575	0.584	0.575	0.575	0.575	0.575	0.584	0.575	0.575	0.575
155.5	0.575	0.584	0.575	0.575	0.575	0.575	0.584	0.575	0.575	0.584
156.0	0.575	0.584	0.575	0.575	0.575	0.575	0.584	0.575	0.584	0.584
156.5	0.575	0.584	0.584	0.575	0.575	0.575	0.584	0.584	0.575	0.584
157.0	0.584	0.584	0.584	0.584	0.575	0.584	0.584	0.584	0.584	0.593
157.5	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
158.0	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
158.5	0.584	0.593	0.584	0.593	0.584	0.584	0.584	0.584	0.584	0.584
159.0	0.584	0.593	0.593	0.593	0.584	0.584	0.584	0.584	0.584	0.584
159.5	0.593	0.593	0.593	0.593	0.593	0.584	0.584	0.584	0.593	0.584
160.0	0.602	0.593	0.593	0.602	0.593	0.593	0.593	0.593	0.593	0.593
160.5	0.593	0.593	0.593	0.593	0.593	0.593	0.593	0.593	0.593	0.593
161.0	0.593	0.602	0.602	0.593	0.593	0.593	0.593	0.593	0.593	0.593
161.5	0.593	0.602	0.602	0.602	0.593	0.593	0.593	0.593	0.593	0.593
162.0	0.593	0.593	0.602	0.602	0.593	0.593	0.593	0.593	0.593	0.593
162.5	0.593	0.593	0.602	0.602	0.593	0.593	0.593	0.593	0.593	0.593
163.0	0.593	0.593	0.602	0.593	0.593	0.593	0.593	0.593	0.593	0.593
163.5	0.593	0.593	0.593	0.593	0.593	0.593	0.593	0.584	0.593	0.593
164.0	0.584	0.593	0.593	0.593	0.593	0.593	0.593	0.584	0.593	0.593
164.5	0.584	0.593	0.593	0.593	0.593	0.593	0.584	0.584	0.593	0.593
165.0	0.584	0.593	0.593	0.593	0.593	0.593	0.593	0.584	0.593	0.593
165.5	0.584	0.593	0.593	0.593	0.593	0.593	0.593	0.584	0.593	0.593
166.0	0.584	0.593	0.602	0.593	0.593	0.593	0.602	0.593	0.593	0.593

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166.5	0.593	0.593	0.602	0.593	0.593	0.593	0.619	0.593	0.593	0.593
167.0	0.593	0.593	0.602	0.593	0.593	0.593	0.699	0.593	0.593	0.593
167.5	0.593	0.593	0.602	0.593	0.593	0.593	0.761	0.611	0.593	0.593
168.0	0.593	0.593	0.602	0.593	0.593	0.593	0.726	0.637	0.593	0.593
168.5	0.593	0.593	0.602	0.593	0.593	0.593	0.646	0.646	0.593	0.593
169.0	0.593	0.593	0.593	0.593	0.593	0.593	0.602	0.619	0.593	0.593
169.5	0.584	0.593	0.593	0.593	0.593	0.593	0.593	0.593	0.584	0.593
170.0	0.584	0.584	0.593	0.593	0.593	0.593	0.584	0.593	0.584	0.584
170.5	0.584	0.584	0.584	0.593	0.584	0.584	0.584	0.584	0.584	0.584
171.0	0.575	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
171.5	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
172.0	0.584	0.584	0.584	0.584	0.593	0.593	0.584	0.584	0.584	0.584
172.5	0.584	0.584	0.584	0.593	0.584	0.593	0.584	0.584	0.584	0.584
173.0	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
173.5	0.584	0.584	0.584	0.584	0.584	0.593	0.584	0.584	0.584	0.584
174.0	0.584	0.584	0.584	0.584	0.584	0.593	0.593	0.584	0.584	0.584
174.5	0.584	0.584	0.584	0.584	0.584	0.593	0.593	0.584	0.584	0.584
175.0	0.584	0.584	0.584	0.584	0.584	0.593	0.584	0.584	0.584	0.584
175.5	0.575	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584	0.584
176.0	0.575	0.575	0.584	0.584	0.584	0.584	0.584	0.575	0.584	0.584
176.5	0.575	0.575	0.575	0.575	0.575	0.584	0.584	0.575	0.575	0.575
177.0	0.566	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575	0.575
177.5	0.558	0.566	0.566	0.566	0.566	0.575	0.566	0.566	0.566	0.566
178.0	0.558	0.558	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566
178.5	0.558	0.558	0.558	0.566	0.558	0.558	0.558	0.558	0.558	0.558
179.0	0.549	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558
179.5	0.549	0.549	0.549	0.558	0.558	0.558	0.558	0.549	0.558	0.558
180.0	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558	0.558

**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	638.961	638.961	638.961	638.961	638.961	638.961	638.961
0.5	641.014	640.784	640.581	640.510	640.050	639.766	639.758
1.0	640.067	639.731	639.120	639.076	638.280	638.209	638.864
1.5	636.961	636.350	635.979	635.802	635.465	635.811	636.660
2.0	634.244	634.102	633.793	633.580	632.554	632.439	634.297
2.5	633.713	634.359	634.448	633.766	631.925	631.270	632.554
3.0	635.961	636.952	636.828	635.766	633.439	632.341	632.412
3.5	639.660	640.297	639.846	638.943	636.970	635.218	633.350
4.0	643.537	643.846	642.846	642.342	641.032	639.032	635.855
4.5	646.492	646.307	645.209	644.501	643.908	642.244	640.342
5.0	648.245	648.068	646.218	645.192	645.165	645.439	645.307
5.5	648.979	647.997	646.200	645.740	646.298	647.413	649.360
6.0	648.979	647.422	645.253	645.351	646.377	649.227	654.201
6.5	647.793	646.484	644.545	645.554	646.245	650.873	659.962
7.0	645.988	645.192	644.386	645.342	646.262	652.510	666.989
7.5	644.908	644.926	644.652	645.758	647.006	655.006	674.662
8.0	644.368	644.891	644.997	646.475	647.855	658.821	682.308
8.5	644.997	645.634	645.528	647.298	649.130	664.387	688.725
9.0	646.740	647.944	648.032	648.457	651.572	670.795	693.362
9.5	649.785	652.236	651.811	651.705	655.546	676.167	695.698
10.0	653.758	656.520	656.316	655.210	660.838	681.707	696.946
10.5	657.900	660.475	660.626	659.998	666.688	686.158	697.256
11.0	661.467	664.157	664.626	663.892	672.352	689.088	696.672
11.5	665.016	667.228	667.476	667.856	677.512	691.787	695.336

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**CANDELA TABULATION - (Cont.)**

12.0	667.582	667.609	667.954	670.343	682.220	694.185	694.247
12.5	667.909	663.812	664.626	670.644	685.574	696.318	693.070
13.0	664.874	657.626	657.865	667.741	688.362	699.168	692.371
13.5	658.803	649.714	649.422	661.529	688.689	701.504	692.309
14.0	650.307	641.014	640.253	652.280	686.167	702.681	693.141
14.5	643.218	634.111	633.350	643.705	682.220	702.805	693.937
15.0	638.545	629.686	629.642	637.581	675.733	700.469	695.336
15.5	636.359	627.589	627.615	635.518	670.503	696.495	696.663
16.0	634.926	625.244	625.465	634.138	666.582	689.654	696.477
16.5	633.784	621.659	621.819	633.156	663.387	682.016	695.362
17.0	631.235	615.208	615.845	631.164	660.228	674.202	692.911
17.5	626.394	605.942	607.030	627.120	656.573	667.175	687.937
18.0	619.942	597.596	599.596	620.243	651.794	662.812	680.361
18.5	614.101	592.189	593.773	613.730	645.236	659.077	670.060
19.0	611.632	588.569	589.640	609.367	638.227	655.909	657.679
19.5	611.641	586.109	587.100	608.800	632.589	651.590	645.386
20.0	613.765	585.295	584.923	609.084	629.562	646.298	636.085
20.5	616.509	584.613	583.357	610.464	629.235	638.271	628.111
21.0	618.889	585.012	582.507	611.730	629.554	628.253	622.040
21.5	619.341	585.507	582.755	612.712	629.934	619.190	617.730
22.0	619.288	586.525	585.233	614.818	629.279	611.376	613.827
22.5	620.562	590.091	588.835	617.818	627.934	605.659	609.738
23.0	624.270	596.233	595.968	622.606	626.403	602.402	604.659
23.5	630.306	603.667	605.083	629.978	625.890	600.189	598.322
24.0	637.634	610.765	612.836	638.483	626.474	597.481	591.136
24.5	645.192	616.562	617.597	647.714	628.545	595.764	584.206
25.0	653.254	618.872	618.633	654.750	632.713	593.587	577.347
25.5	657.697	617.234	616.084	658.661	638.740	591.286	572.701
26.0	659.431	611.960	610.500	660.529	643.793	590.375	570.675
26.5	657.643	603.685	601.074	658.679	645.492	590.941	569.639
27.0	651.015	595.286	591.339	652.457	645.386	592.180	567.763
27.5	641.811	589.215	584.790	644.147	643.510	596.366	563.842
28.0	634.687	583.392	580.595	635.722	640.200	602.419	559.072
28.5	629.580	578.418	576.038	628.394	636.333	606.579	553.638
29.0	624.668	572.188	569.754	622.084	630.200	608.411	550.311
29.5	619.411	561.842	561.099	615.659	623.164	606.544	548.983
30.0	611.119	551.930	552.010	607.765	616.031	602.871	550.187
30.5	601.163	544.682	545.399	601.596	609.915	597.446	552.842
31.0	591.552	539.160	539.700	593.481	602.499	593.605	556.506
31.5	583.905	535.142	535.177	586.312	593.392	589.817	561.656
32.0	579.038	532.283	531.912	579.657	584.144	585.967	566.258
32.5	573.745	529.248	528.655	575.834	576.144	578.524	568.692
33.0	569.276	526.991	525.433	572.560	567.427	572.232	569.082
33.5	564.559	523.734	522.778	568.958	560.001	564.568	568.081
34.0	560.674	520.787	520.070	564.311	554.603	556.364	563.559
34.5	557.851	519.362	517.681	559.338	547.682	546.629	556.692
35.0	555.037	520.982	519.247	555.550	542.788	538.815	548.558
35.5	553.868	525.026	523.893	553.939	539.346	532.504	541.735
36.0	553.966	526.433	527.911	555.868	535.204	525.540	535.593
36.5	555.833	527.053	530.080	560.488	530.991	517.999	528.929
37.0	556.134	526.717	530.301	564.630	525.964	512.265	521.371
37.5	555.674	528.292	530.841	565.780	521.699	506.972	514.105
38.0	554.240	530.557	530.283	563.780	519.389	501.999	506.813
38.5	552.541	529.841	529.717	558.391	519.291	497.343	500.326
39.0	549.496	528.425	531.097	553.842	519.327	491.617	495.529
39.5	547.744	528.602	531.522	551.559	515.982	484.042	491.210

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40.0	545.726	528.044	530.425	549.992	512.017	478.882	486.272
40.5	542.001	526.132	527.805	547.364	508.176	475.395	480.856
41.0	539.301	522.477	523.460	543.974	507.238	476.254	473.572
41.5	537.363	519.327	520.699	541.142	505.866	483.281	469.608
42.0	544.302	521.946	520.690	540.399	503.875	489.644	474.050
42.5	547.912	522.442	520.999	537.903	502.866	491.502	473.590
43.0	537.673	515.530	516.079	529.575	499.972	489.148	463.324
43.5	522.123	509.194	506.893	519.955	496.281	481.608	453.987
44.0	505.450	500.786	497.131	510.238	493.529	471.953	450.854
44.5	496.565	489.078	485.166	499.609	490.440	464.616	449.341
45.0	489.210	478.820	479.006	494.131	481.378	459.457	450.456
45.5	485.599	470.917	481.236	495.742	473.776	454.191	452.421
46.0	483.121	461.386	476.705	488.219	471.661	446.987	452.996
46.5	473.705	448.244	461.359	475.617	462.731	445.509	445.252
47.0	457.952	435.101	444.615	462.032	448.005	442.907	435.367
47.5	448.969	425.304	435.464	449.155	440.553	440.022	436.093
48.0	442.553	423.145	432.358	443.889	436.960	438.349	443.013
48.5	432.172	422.950	430.898	439.712	433.641	431.960	441.447
49.0	419.658	426.632	429.092	430.729	423.375	422.287	435.756
49.5	410.162	420.083	417.862	410.587	411.481	415.826	422.340
50.0	399.808	400.622	402.109	391.250	400.285	407.826	407.304
50.5	394.011	379.930	388.134	380.408	380.444	406.118	391.719
51.0	396.675	371.019	377.647	381.497	366.726	408.242	381.426
51.5	393.719	370.788	375.930	382.585	360.930	405.587	376.134
52.0	377.116	369.682	377.798	373.443	360.788	400.356	377.815
52.5	353.743	372.868	378.771	361.390	362.107	384.550	378.904
53.0	343.964	369.691	376.143	353.788	358.629	358.752	371.567
53.5	346.336	366.284	368.549	346.079	349.194	340.097	360.637
54.0	352.257	374.240	369.912	343.592	339.902	337.627	362.797
54.5	361.319	373.151	378.913	351.911	342.486	336.105	370.585
55.0	353.779	360.956	377.346	359.593	338.840	320.901	367.514
55.5	343.168	335.919	356.611	347.247	325.052	314.901	364.753
56.0	322.786	324.910	341.654	323.220	323.476	304.962	341.504
56.5	317.290	317.706	314.688	312.316	309.086	291.537	309.281
57.0	309.591	300.298	291.519	312.308	292.501	285.997	287.492
57.5	287.280	284.466	279.660	297.139	275.669	291.563	279.120
58.0	282.209	275.908	263.013	285.519	270.005	285.731	274.739
58.5	269.890	264.960	257.924	275.421	256.491	268.677	271.943
59.0	247.632	258.801	264.332	254.411	253.269	263.447	267.173
59.5	238.109	253.455	269.146	232.180	244.853	256.951	263.995
60.0	239.392	253.915	264.889	224.825	246.207	252.508	251.676
60.5	231.286	256.225	255.561	234.844	244.464	248.942	243.764
61.0	221.533	255.119	253.482	228.746	242.809	240.295	235.507
61.5	220.754	249.154	245.791	216.170	246.773	230.277	229.003
62.0	223.055	234.923	243.950	213.188	220.002	226.348	228.985
62.5	211.869	219.462	235.198	206.409	204.152	215.701	220.861
63.0	209.462	212.400	218.772	211.329	200.745	221.462	212.842
63.5	216.170	204.984	202.630	208.754	183.912	212.409	214.267
64.0	200.160	196.930	201.178	194.532	166.265	201.674	195.311
64.5	179.637	192.850	186.177	181.540	170.283	185.868	183.797
65.0	159.061	181.558	185.584	178.823	169.991	171.628	177.920
65.5	155.503	160.973	170.424	161.052	164.132	163.079	166.079
66.0	149.114	163.265	158.265	142.299	149.954	153.176	160.318
66.5	142.715	153.671	148.184	133.060	146.149	145.883	155.238
67.0	136.325	153.592	144.140	129.537	140.140	138.591	161.610
67.5	130.281	144.883	140.095	126.015	134.139	131.299	146.122

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**CANDELA TABULATION - (Cont.)**

68.0	132.210	136.193	136.051	122.484	128.139	124.006	130.414
68.5	123.369	127.493	131.715	119.059	121.935	116.776	123.838
69.0	123.732	118.785	123.342	117.289	109.997	112.616	117.227
69.5	120.953	110.262	115.475	119.829	95.580	103.793	108.209
70.0	105.226	114.156	113.864	111.483	93.217	102.102	118.324
70.5	86.066	111.598	113.218	94.580	96.642	97.916	101.545
71.0	83.960	111.121	106.749	89.128	100.828	95.890	93.916
71.5	88.996	107.103	102.200	85.571	94.545	95.288	90.031
72.0	78.898	101.262	100.651	80.747	78.880	82.137	79.057
72.5	75.110	88.146	90.580	75.340	80.836	75.765	72.588
73.0	80.199	82.438	81.172	74.880	72.986	74.880	75.172
73.5	76.800	72.915	74.384	76.659	64.083	66.366	74.915
74.0	66.039	63.277	70.287	65.667	61.260	63.118	66.756
74.5	55.454	66.101	69.428	59.631	53.038	54.879	58.826
75.0	49.392	61.516	59.251	50.100	51.064	49.985	53.082
75.5	44.976	51.967	48.604	48.684	43.020	45.533	47.409
76.0	38.781	42.321	43.896	41.568	46.197	36.232	41.745
76.5	35.037	34.170	33.763	36.188	36.630	30.444	36.081
77.0	31.603	29.497	29.594	33.612	33.055	30.453	30.409
77.5	29.709	24.169	26.931	30.674	27.329	25.709	25.311
78.0	25.196	20.682	22.877	25.877	23.736	22.417	23.913
78.5	20.691	17.187	18.815	21.072	20.143	19.125	15.133
79.0	16.187	13.700	14.762	16.275	16.541	15.833	16.974
79.5	11.673	10.204	10.708	11.478	12.948	12.549	9.540
80.0	7.195	6.832	6.673	6.894	9.346	9.257	8.469
80.5	6.354	6.142	5.850	5.956	5.894	6.036	6.106
81.0	5.354	5.398	5.345	5.248	5.363	5.372	5.611
81.5	4.850	4.938	4.921	4.788	4.965	4.912	5.230
82.0	4.469	4.673	4.673	4.487	4.629	4.513	4.841
82.5	4.133	4.266	4.275	4.248	4.266	4.213	4.460
83.0	3.717	3.867	3.894	3.894	3.974	3.947	4.133
83.5	3.283	3.416	3.460	3.505	3.717	3.655	3.841
84.0	3.000	3.062	3.071	3.115	3.274	3.328	3.531
84.5	2.761	2.859	2.823	2.832	3.027	3.080	3.283
85.0	2.575	2.682	2.673	2.673	2.912	2.965	3.177
85.5	2.478	2.549	2.522	2.540	2.779	2.867	3.044
86.0	2.487	2.478	2.416	2.460	2.664	2.752	2.903
86.5	2.460	2.478	2.407	2.460	2.611	2.673	2.814
87.0	2.407	2.522	2.451	2.513	2.620	2.540	2.752
87.5	2.372	2.558	2.443	2.443	2.549	2.496	2.611
88.0	2.301	2.434	2.425	2.336	2.522	2.451	2.522
88.5	2.195	2.354	2.389	2.230	2.451	2.301	2.398
89.0	2.027	2.310	2.195	2.142	2.292	2.239	2.292
89.5	1.965	2.159	2.097	2.035	2.097	2.089	2.124
90.0	1.841	2.018	2.018	1.920	1.982	1.920	2.000
90.5	1.743	1.903	1.885	1.823	1.850	1.814	1.823
91.0	1.646	1.770	1.779	1.726	1.726	1.664	1.726
91.5	1.540	1.664	1.690	1.611	1.593	1.558	1.611
92.0	1.434	1.558	1.602	1.522	1.504	1.460	1.513
92.5	1.345	1.469	1.496	1.425	1.416	1.389	1.416
93.0	1.266	1.372	1.389	1.336	1.345	1.301	1.327
93.5	1.195	1.266	1.301	1.266	1.292	1.230	1.239
94.0	1.133	1.177	1.204	1.195	1.230	1.168	1.177
94.5	1.062	1.080	1.106	1.124	1.159	1.106	1.115
95.0	0.991	0.991	1.018	1.062	1.080	1.044	1.035
95.5	0.929	0.929	0.956	0.991	1.000	0.982	0.956



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**CANDELA TABULATION - (Cont.)**

96.0	0.850	0.885	0.903	0.920	0.920	0.920	0.876
96.5	0.779	0.850	0.867	0.850	0.850	0.841	0.796
97.0	0.717	0.814	0.841	0.770	0.788	0.779	0.735
97.5	0.673	0.752	0.796	0.708	0.726	0.717	0.673
98.0	0.637	0.699	0.717	0.664	0.664	0.664	0.611
98.5	0.602	0.628	0.619	0.628	0.611	0.611	0.566
99.0	0.558	0.549	0.531	0.575	0.566	0.558	0.513
99.5	0.504	0.487	0.487	0.522	0.522	0.513	0.469
100.0	0.460	0.451	0.451	0.478	0.487	0.478	0.425
100.5	0.416	0.416	0.416	0.434	0.451	0.442	0.389
101.0	0.381	0.381	0.389	0.407	0.425	0.407	0.363
101.5	0.354	0.354	0.363	0.381	0.389	0.381	0.336
102.0	0.319	0.319	0.336	0.354	0.363	0.363	0.310
102.5	0.292	0.292	0.310	0.327	0.345	0.336	0.283
103.0	0.274	0.274	0.292	0.310	0.319	0.310	0.257
103.5	0.248	0.248	0.265	0.283	0.292	0.292	0.230
104.0	0.221	0.230	0.248	0.257	0.274	0.265	0.212
104.5	0.204	0.212	0.221	0.230	0.248	0.248	0.186
105.0	0.186	0.195	0.204	0.212	0.230	0.221	0.159
105.5	0.168	0.177	0.186	0.195	0.204	0.204	0.142
106.0	0.150	0.159	0.168	0.177	0.186	0.186	0.124
106.5	0.133	0.142	0.150	0.159	0.168	0.168	0.106
107.0	0.124	0.133	0.142	0.150	0.150	0.150	0.088
107.5	0.124	0.124	0.133	0.133	0.133	0.133	0.080
108.0	0.133	0.133	0.133	0.133	0.133	0.133	0.071
108.5	0.133	0.133	0.133	0.133	0.133	0.133	0.071
109.0	0.133	0.133	0.133	0.133	0.133	0.133	0.071
109.5	0.142	0.142	0.142	0.142	0.142	0.133	0.080
110.0	0.142	0.142	0.142	0.142	0.142	0.142	0.080
110.5	0.150	0.142	0.142	0.142	0.142	0.142	0.080
111.0	0.150	0.150	0.150	0.150	0.150	0.142	0.080
111.5	0.150	0.150	0.150	0.150	0.150	0.150	0.088
112.0	0.159	0.159	0.150	0.150	0.150	0.150	0.088
112.5	0.159	0.159	0.159	0.159	0.159	0.150	0.088
113.0	0.159	0.159	0.159	0.159	0.159	0.159	0.088
113.5	0.168	0.168	0.159	0.159	0.159	0.159	0.097
114.0	0.168	0.168	0.168	0.168	0.168	0.159	0.097
114.5	0.168	0.168	0.168	0.168	0.168	0.168	0.106
115.0	0.177	0.177	0.177	0.177	0.168	0.168	0.106
115.5	0.177	0.177	0.177	0.177	0.177	0.168	0.106
116.0	0.177	0.177	0.177	0.177	0.177	0.177	0.115
116.5	0.186	0.186	0.186	0.186	0.177	0.177	0.115
117.0	0.186	0.186	0.186	0.186	0.186	0.186	0.115
117.5	0.195	0.186	0.186	0.186	0.186	0.186	0.124
118.0	0.195	0.195	0.195	0.195	0.186	0.186	0.124
118.5	0.195	0.195	0.195	0.195	0.195	0.195	0.124
119.0	0.204	0.204	0.204	0.195	0.195	0.195	0.133
119.5	0.204	0.204	0.204	0.204	0.195	0.195	0.133
120.0	0.204	0.204	0.204	0.204	0.204	0.204	0.142
120.5	0.212	0.212	0.212	0.212	0.204	0.204	0.142
121.0	0.212	0.212	0.212	0.212	0.212	0.212	0.150
121.5	0.221	0.221	0.212	0.212	0.212	0.212	0.150
122.0	0.221	0.221	0.221	0.221	0.221	0.221	0.150
122.5	0.230	0.230	0.221	0.221	0.221	0.221	0.159
123.0	0.230	0.230	0.230	0.230	0.230	0.221	0.159
123.5	0.239	0.230	0.230	0.230	0.230	0.230	0.168

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**CANDELA TABULATION - (Cont.)**

124.0	0.239	0.239	0.239	0.239	0.239	0.230	0.168
124.5	0.248	0.248	0.239	0.239	0.239	0.239	0.177
125.0	0.248	0.248	0.248	0.248	0.248	0.239	0.177
125.5	0.257	0.257	0.257	0.257	0.248	0.248	0.177
126.0	0.265	0.257	0.257	0.257	0.257	0.257	0.186
126.5	0.265	0.265	0.265	0.265	0.265	0.257	0.186
127.0	0.274	0.274	0.274	0.274	0.265	0.265	0.195
127.5	0.283	0.283	0.274	0.274	0.274	0.274	0.195
128.0	0.283	0.283	0.283	0.283	0.283	0.283	0.204
128.5	0.292	0.292	0.292	0.292	0.283	0.283	0.212
129.0	0.301	0.301	0.301	0.292	0.292	0.292	0.212
129.5	0.301	0.301	0.301	0.301	0.301	0.301	0.221
130.0	0.310	0.310	0.310	0.310	0.310	0.301	0.221
130.5	0.319	0.319	0.319	0.319	0.310	0.310	0.230
131.0	0.327	0.327	0.319	0.319	0.319	0.319	0.239
131.5	0.336	0.327	0.327	0.327	0.327	0.327	0.239
132.0	0.336	0.336	0.336	0.336	0.336	0.327	0.248
132.5	0.345	0.345	0.345	0.345	0.345	0.336	0.257
133.0	0.354	0.354	0.354	0.354	0.345	0.345	0.257
133.5	0.363	0.363	0.363	0.363	0.354	0.354	0.265
134.0	0.372	0.372	0.372	0.363	0.363	0.363	0.265
134.5	0.381	0.381	0.372	0.372	0.372	0.372	0.274
135.0	0.389	0.381	0.381	0.381	0.381	0.381	0.274
135.5	0.389	0.389	0.389	0.389	0.389	0.389	0.283
136.0	0.398	0.398	0.398	0.398	0.398	0.398	0.283
136.5	0.407	0.407	0.407	0.407	0.407	0.398	0.292
137.0	0.416	0.416	0.416	0.416	0.407	0.407	0.292
137.5	0.425	0.425	0.425	0.416	0.416	0.416	0.301
138.0	0.425	0.425	0.425	0.425	0.425	0.425	0.301
138.5	0.434	0.434	0.434	0.434	0.434	0.434	0.310
139.0	0.442	0.442	0.442	0.442	0.442	0.434	0.310
139.5	0.451	0.451	0.451	0.451	0.442	0.442	0.319
140.0	0.451	0.460	0.451	0.451	0.451	0.451	0.319
140.5	0.460	0.460	0.460	0.460	0.460	0.460	0.327
141.0	0.469	0.469	0.469	0.469	0.469	0.460	0.327
141.5	0.478	0.478	0.478	0.478	0.478	0.469	0.336
142.0	0.478	0.478	0.478	0.478	0.478	0.478	0.336
142.5	0.487	0.487	0.487	0.487	0.487	0.487	0.336
143.0	0.496	0.496	0.496	0.496	0.496	0.487	0.345
143.5	0.496	0.496	0.496	0.496	0.496	0.496	0.345
144.0	0.504	0.504	0.504	0.504	0.504	0.504	0.345
144.5	0.513	0.513	0.504	0.513	0.513	0.504	0.354
145.0	0.513	0.513	0.513	0.513	0.513	0.513	0.354
145.5	0.522	0.522	0.522	0.522	0.522	0.513	0.354
146.0	0.522	0.522	0.522	0.522	0.522	0.522	0.354
146.5	0.531	0.531	0.531	0.531	0.531	0.531	0.354
147.0	0.531	0.531	0.531	0.531	0.531	0.531	0.363
147.5	0.540	0.540	0.531	0.540	0.540	0.540	0.363
148.0	0.540	0.540	0.540	0.540	0.540	0.540	0.372
148.5	0.549	0.540	0.540	0.540	0.540	0.549	0.389
149.0	0.549	0.549	0.540	0.549	0.549	0.549	0.425
149.5	0.549	0.549	0.549	0.549	0.549	0.549	0.416
150.0	0.558	0.549	0.549	0.549	0.558	0.558	0.389
150.5	0.558	0.558	0.549	0.558	0.558	0.558	0.372
151.0	0.558	0.558	0.558	0.558	0.566	0.566	0.372
151.5	0.566	0.566	0.558	0.558	0.566	0.566	0.372

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**CANDELA TABULATION - (Cont.)**

152.0	0.566	0.566	0.558	0.566	0.566	0.566	0.381
152.5	0.566	0.566	0.566	0.566	0.575	0.566	0.381
153.0	0.575	0.575	0.566	0.575	0.575	0.575	0.381
153.5	0.575	0.575	0.566	0.575	0.575	0.575	0.381
154.0	0.575	0.575	0.566	0.575	0.575	0.575	0.389
154.5	0.575	0.575	0.575	0.575	0.575	0.584	0.389
155.0	0.575	0.584	0.575	0.575	0.575	0.584	0.389
155.5	0.575	0.628	0.575	0.575	0.575	0.584	0.389
156.0	0.575	0.708	0.575	0.575	0.584	0.584	0.389
156.5	0.575	0.690	0.575	0.575	0.611	0.584	0.398
157.0	0.575	0.619	0.575	0.584	0.850	0.584	0.398
157.5	0.584	0.584	0.575	0.584	1.301	0.584	0.398
158.0	0.584	0.584	0.584	0.584	1.478	0.584	0.398
158.5	0.584	0.584	0.584	0.584	1.168	0.584	0.398
159.0	0.584	0.584	0.584	0.584	0.761	0.584	0.407
159.5	0.584	0.584	0.584	0.593	0.611	0.593	0.407
160.0	0.593	0.593	0.584	0.593	0.602	0.593	0.407
160.5	0.593	0.584	0.593	0.593	0.593	0.593	0.407
161.0	0.593	0.593	0.593	0.593	0.593	0.593	0.407
161.5	0.593	0.593	0.593	0.593	0.593	0.593	0.407
162.0	0.593	0.593	0.593	0.593	0.593	0.593	0.407
162.5	0.593	0.593	0.593	0.593	0.593	0.593	0.407
163.0	0.593	0.593	0.584	0.593	0.593	0.593	0.407
163.5	0.593	0.593	0.584	0.593	0.593	0.593	0.416
164.0	0.593	0.593	0.584	0.584	0.584	0.584	0.416
164.5	0.593	0.593	0.584	0.584	0.584	0.584	0.416
165.0	0.593	0.593	0.593	0.584	0.584	0.584	0.425
165.5	0.593	0.593	0.593	0.593	0.584	0.584	0.434
166.0	0.593	0.593	0.593	0.593	0.584	0.584	0.434
166.5	0.593	0.593	0.593	0.593	0.593	0.593	0.442
167.0	0.593	0.593	0.593	0.593	0.593	0.593	0.442
167.5	0.593	0.593	0.593	0.593	0.593	0.593	0.442
168.0	0.593	0.593	0.593	0.593	0.593	0.593	0.451
168.5	0.593	0.593	0.593	0.593	0.593	0.584	0.460
169.0	0.593	0.593	0.584	0.584	0.584	0.584	0.460
169.5	0.593	0.584	0.584	0.584	0.584	0.584	0.478
170.0	0.584	0.584	0.584	0.584	0.584	0.584	0.460
170.5	0.584	0.584	0.584	0.584	0.584	0.584	0.451
171.0	0.584	0.584	0.584	0.584	0.584	0.584	0.451
171.5	0.584	0.584	0.584	0.584	0.584	0.584	0.451
172.0	0.584	0.584	0.584	0.584	0.584	0.584	0.460
172.5	0.584	0.584	0.584	0.584	0.584	0.584	0.460
173.0	0.584	0.584	0.584	0.584	0.584	0.584	0.469
173.5	0.584	0.584	0.584	0.584	0.584	0.584	0.478
174.0	0.584	0.584	0.584	0.584	0.584	0.584	0.487
174.5	0.584	0.584	0.584	0.584	0.584	0.584	0.504
175.0	0.584	0.584	0.584	0.584	0.584	0.584	0.513
175.5	0.584	0.584	0.584	0.584	0.584	0.575	0.522
176.0	0.575	0.575	0.575	0.575	0.575	0.575	0.522
176.5	0.575	0.575	0.575	0.575	0.575	0.575	0.531
177.0	0.575	0.575	0.575	0.575	0.575	0.575	0.540
177.5	0.566	0.566	0.566	0.566	0.566	0.566	0.540
178.0	0.566	0.558	0.558	0.566	0.558	0.558	0.540
178.5	0.558	0.558	0.558	0.558	0.558	0.558	0.540
179.0	0.558	0.558	0.558	0.558	0.558	0.558	0.540
179.5	0.558	0.549	0.549	0.558	0.558	0.549	0.549

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

**CANDELA TABULATION - (Cont.)**

180.0	0.558	0.558	0.558	0.558	0.558	0.558	0.558
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**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WLRD-G-L22-830-BZ.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	247.78	N.A.	14.20
0-30	525.05	N.A.	30.00
0-40	859.69	N.A.	49.20
0-60	1508.32	N.A.	86.30
0-80	1741.74	N.A.	99.60
0-90	1745.81	N.A.	99.80
10-90	1682.88	N.A.	96.30
20-40	611.91	N.A.	35.00
20-50	965.48	N.A.	55.20
40-70	828.68	N.A.	47.40
60-80	233.42	N.A.	13.40
70-80	53.38	N.A.	3.10
80-90	4.06	N.A.	0.20
90-110	1.35	N.A.	0.10
90-120	1.49	N.A.	0.10
90-130	1.68	N.A.	0.10
90-150	2.21	N.A.	0.10
90-180	2.63	N.A.	0.20
110-180	1.28	N.A.	0.10
0-180	1748.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	62.92
10-20	184.86
20-30	277.26
30-40	334.64
40-50	353.57
50-60	295.07
60-70	180.04
70-80	53.38
80-90	4.06
90-100	1.14
100-110	0.21
110-120	0.14
120-130	0.19
130-140	0.25
140-150	0.27
150-160	0.23
160-170	0.15
170-180	0.05

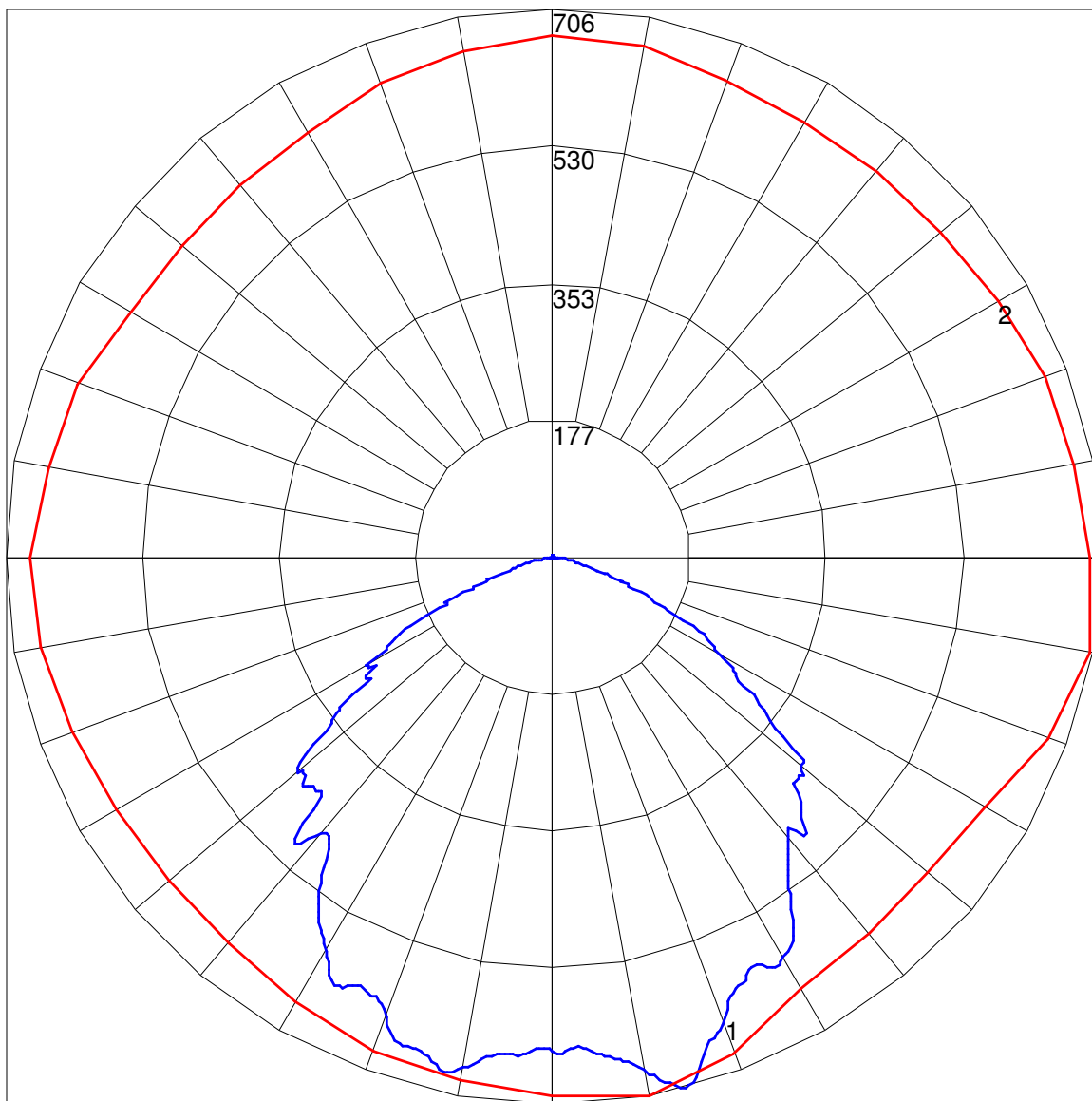
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WLRD-G-L22-830-BZ.IES**

**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	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	73	69	65	63
4	85	74	65	59	83	72	65	59	70	63	58	67	62	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
7	67	54	45	39	65	53	45	39	52	44	39	50	44	39	49	43	38	37
8	62	49	41	35	61	48	41	35	47	40	35	46	39	35	45	39	34	33
9	58	45	37	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	32	28	27

POLAR GRAPH



Maximum Candela = 706.044 Located At Horizontal Angle = 280, Vertical Angle = 14.5  
# 1 - Vertical Plane Through Horizontal Angles (280 - 100) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (14.5) (Through Max. Cd.)