

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P639992

Luminaire Tested: **IFLD-L-SA8A-AMB-U-77-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639992
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-AMB-U-77-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 7 distribution lens and VISOR
Light Source: (128) 1620K CCT, 0 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6166.9 lumens	Max Intensity:	4422.2 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 0°V
Efficacy:	24.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

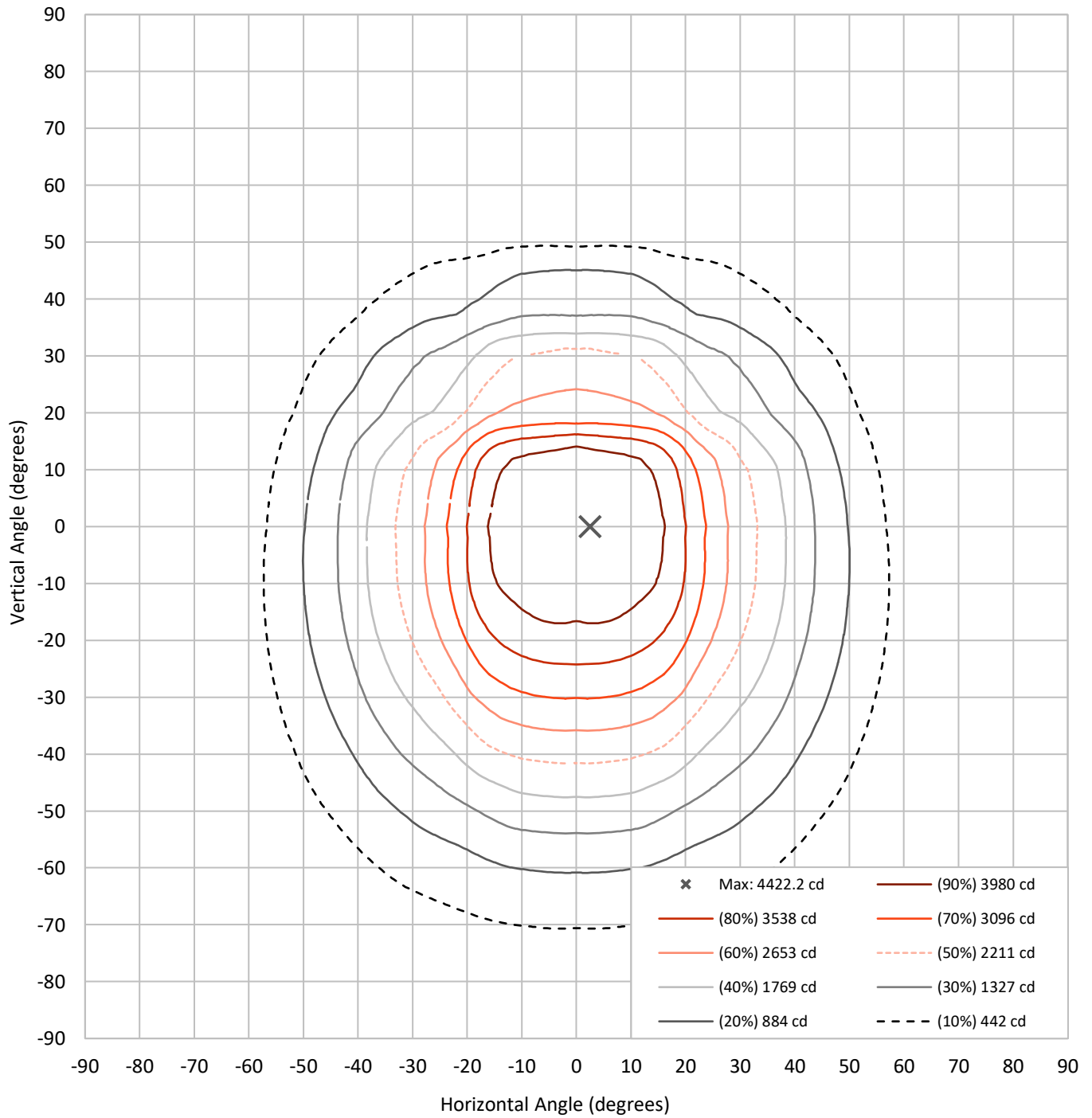
Beam Angle (50%):	66.3°H x 73°V	Field Angle (10%):	113.5°H x 120°V
Beam Lumens:	3599.4 lumens	Field Lumens:	5862.5 lumens
Beam Efficiency:	58.4%	Field Efficiency:	95.1%

Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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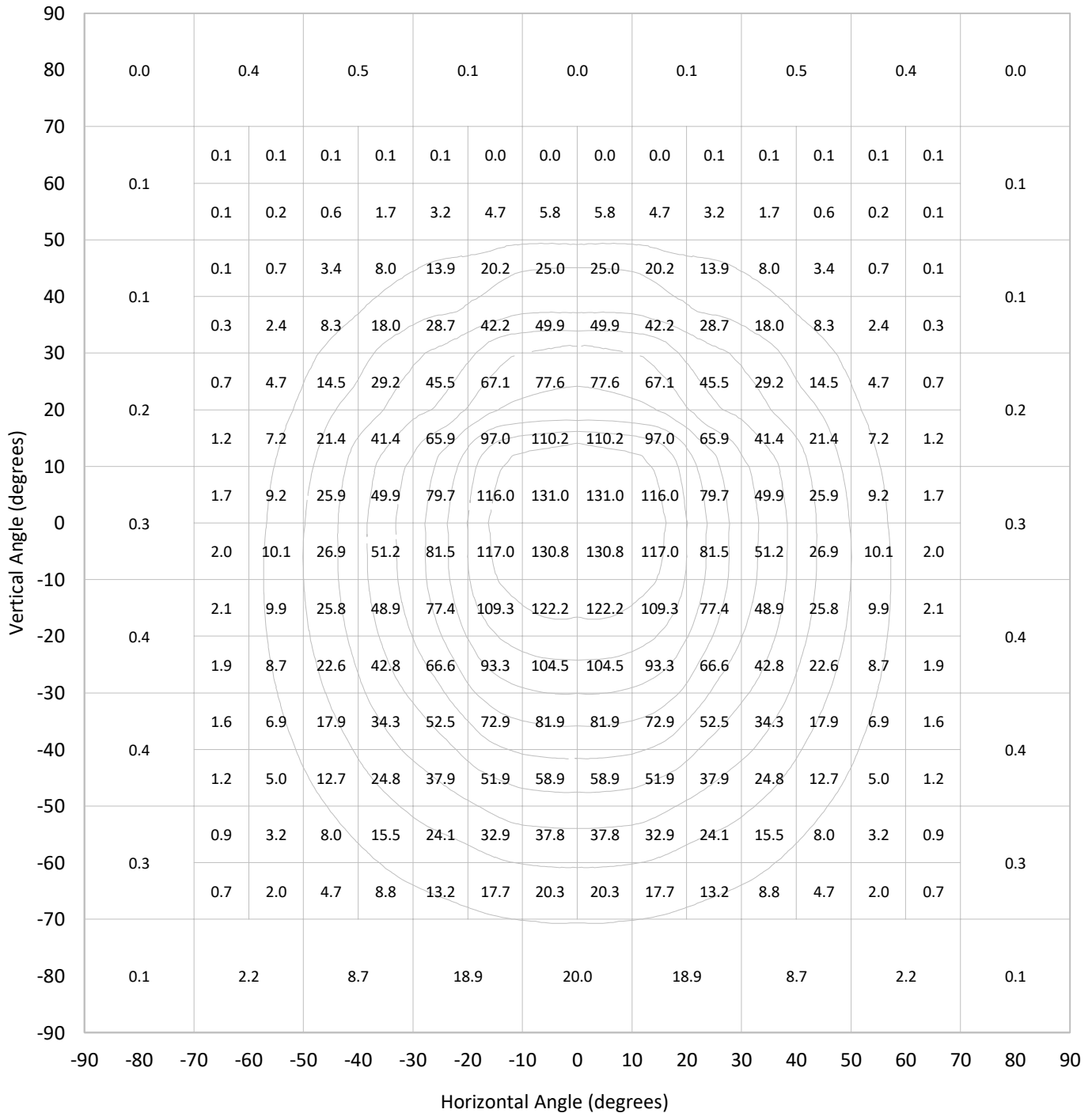
Iso-Candela Plot





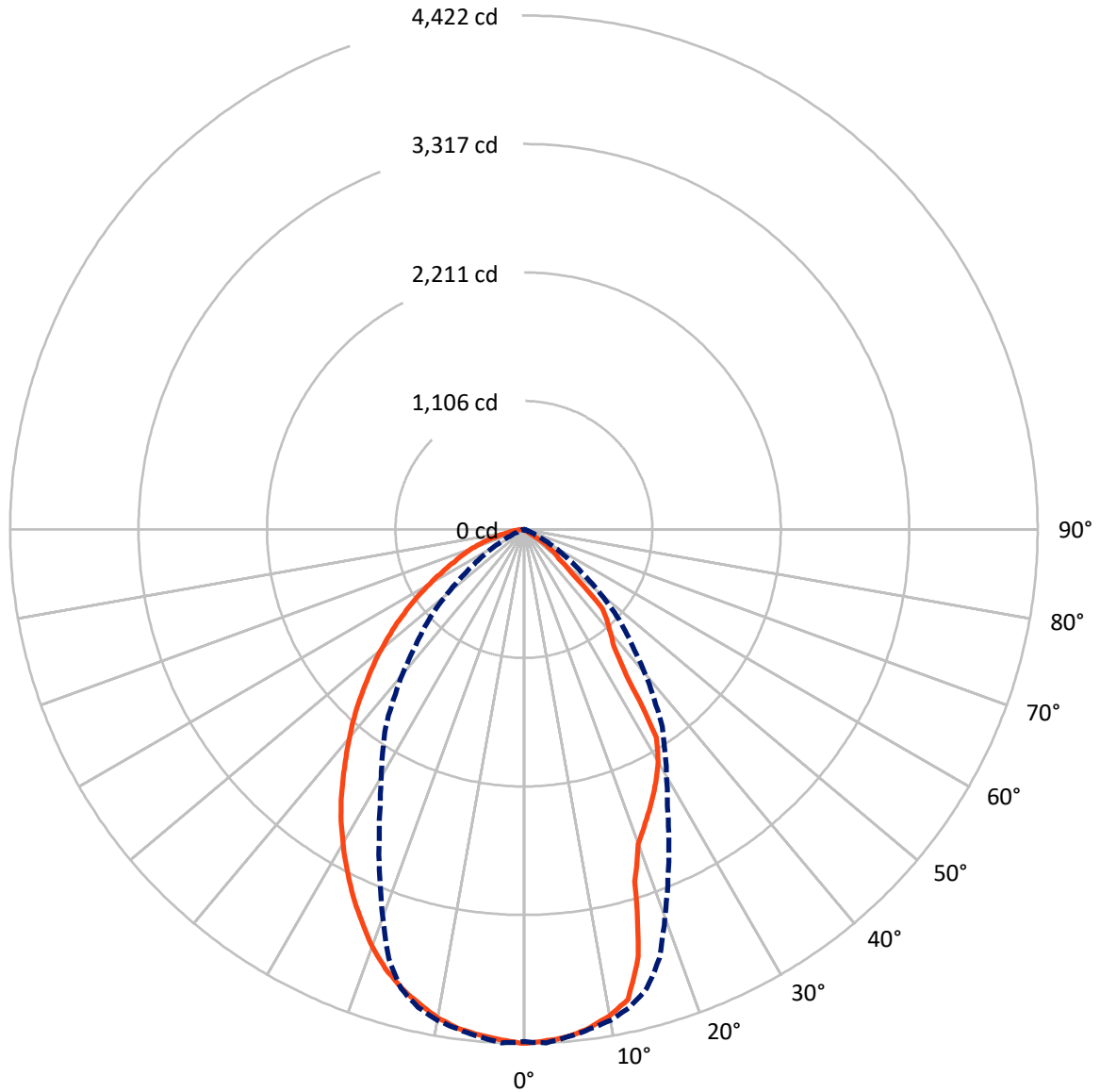
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Lumen Table



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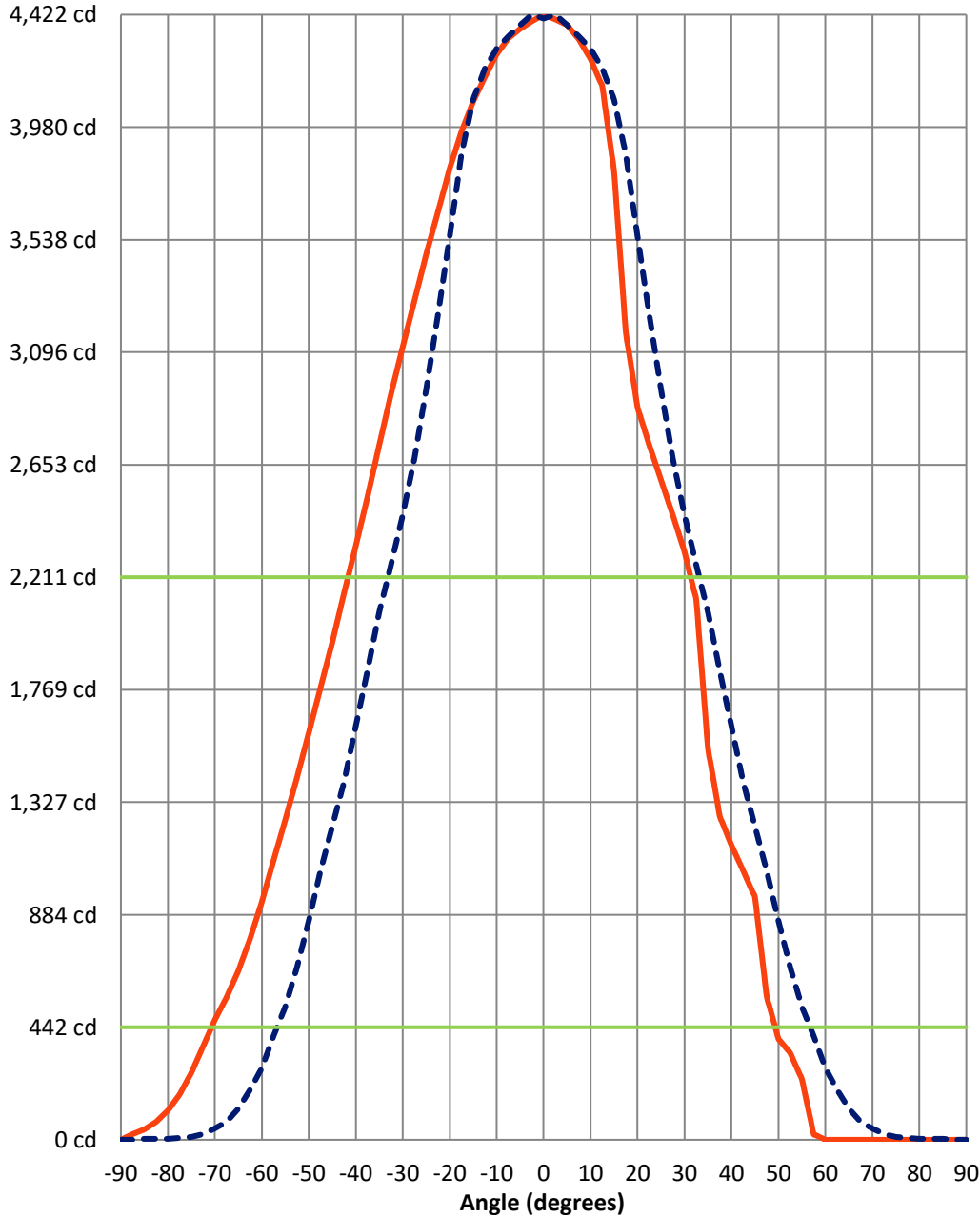
Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 66.3°
 V Angle: 73°
 Lumens: 3599.4
 Efficiency: 58.4%

Field:
 H Angle: 113.5°
 V Angle: 120°
 Lumens: 5862.5
 Efficiency: 95.1%

Spill:
 Lumens: 304.4
 Efficiency: 4.9%

- Vertical Distribution through 2.5-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7
60°	0.0	0.0	0.0	0.0	3.7	3.7	3.7	7.4	7.4	3.7	7.4
57.5°	18.5	22.3	22.3	26.0	26.0	26.0	44.5	48.2	37.1	29.7	37.1
55°	215.2	237.4	237.4	215.2	192.9	163.2	155.8	155.8	166.9	144.7	115.0
52.5°	337.6	341.3	330.2	315.3	296.8	278.2	263.4	248.6	233.7	215.2	189.2
50°	393.2	397.0	393.2	389.5	378.4	363.6	337.6	304.2	278.2	282.0	256.0
47.5°	541.6	563.9	578.7	593.6	589.9	552.8	493.4	434.1	411.8	400.7	378.4
45°	949.7	953.4	923.8	894.1	860.7	793.9	723.4	675.2	601.0	560.2	545.4
42.5°	1053.6	1057.3	1046.2	1031.3	1012.8	946.0	864.4	771.7	727.1	686.3	645.5
40°	1153.8	1157.5	1146.4	1131.5	1109.3	1049.9	972.0	890.4	819.9	753.1	716.0
37.5°	1272.5	1272.5	1272.5	1265.1	1246.5	1202.0	1116.7	1038.8	938.6	834.7	827.3
35°	1517.3	1539.6	1565.6	1569.3	1547.0	1491.4	1394.9	1294.7	1146.4	1031.3	1012.8
32.5°	2103.5	2122.0	2062.7	2007.0	1947.7	1918.0	1810.4	1610.1	1495.1	1313.3	1220.5
30°	2318.7	2311.3	2281.6	2248.2	2211.1	2162.9	2021.9	1840.1	1665.7	1528.5	1406.0
27.5°	2459.6	2455.9	2433.7	2400.3	2359.5	2303.8	2170.3	1995.9	1814.1	1647.2	1517.3
25°	2604.3	2593.2	2567.2	2533.8	2493.0	2430.0	2318.7	2151.7	1951.4	1762.2	1617.5
22.5°	2749.0	2730.5	2697.1	2667.4	2622.9	2567.2	2478.2	2296.4	2077.5	1888.3	1725.1
20°	2893.7	2878.9	2852.9	2830.6	2782.4	2723.0	2637.7	2463.4	2244.5	2036.7	1840.1
17.5°	3164.5	3175.7	3171.9	3149.7	3094.0	3045.8	2982.7	2763.9	2545.0	2259.3	2062.7
15°	3862.0	3806.3	3747.0	3691.3	3669.1	3565.2	3468.7	3197.9	2934.5	2596.9	2385.5
12.5°	4192.2	4140.2	4106.8	4073.4	3995.5	3932.5	3761.8	3513.3	3179.4	2871.4	2663.7
10°	4292.3	4247.8	4240.4	4188.5	4129.1	4036.3	3902.8	3661.6	3320.3	3016.1	2752.7
7.5°	4362.8	4325.7	4299.7	4262.6	4207.0	4110.5	3977.0	3732.1	3413.1	3101.5	2819.5
5°	4407.3	4381.4	4348.0	4310.9	4251.5	4158.8	4021.5	3791.5	3468.7	3157.1	2875.2
2.5°	4418.5	4403.6	4377.7	4322.0	4266.4	4177.3	4040.1	3821.2	3498.4	3186.8	2904.8
0°	4407.3	4422.2	4381.4	4336.8	4288.6	4210.7	4088.3	3873.1	3550.4	3242.4	2949.4
-2.5°	4322.0	4396.2	4381.4	4325.7	4266.4	4177.3	4043.8	3843.4	3524.4	3201.6	2919.7
-5°	4322.0	4366.5	4336.8	4325.7	4262.6	4173.6	4047.5	3847.1	3542.9	3220.2	2930.8
-7.5°	4292.3	4329.4	4299.7	4262.6	4229.3	4140.2	4017.8	3821.2	3531.8	3212.8	2923.4
-10°	4225.5	4266.4	4247.8	4207.0	4140.2	4073.4	3965.9	3795.2	3494.7	3179.4	2897.4
-12.5°	4147.6	4177.3	4169.9	4129.1	4058.6	3980.7	3880.5	3717.3	3435.3	3127.4	2845.5
-15°	4054.9	4080.9	4077.2	4032.6	3962.1	3876.8	3765.5	3602.3	3346.3	3056.9	2793.5
-17.5°	3939.9	3962.1	3958.4	3910.2	3850.9	3761.8	3650.5	3491.0	3238.7	2964.2	2711.9
-20°	3795.2	3817.5	3810.0	3765.5	3706.2	3628.3	3520.7	3353.7	3120.0	2860.3	2622.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3650.5	3646.8	3643.1	3609.7	3554.1	3479.9	3387.1	3209.0	2982.7	2741.6	2519.0
-25°	3487.3	3479.9	3472.4	3442.8	3387.1	3316.6	3220.2	3071.8	2845.5	2604.3	2392.9
-27.5°	3287.0	3298.1	3290.7	3261.0	3212.8	3146.0	3042.1	2916.0	2704.5	2474.5	2263.0
-30°	3105.2	3116.3	3101.5	3075.5	3027.3	2967.9	2864.0	2730.5	2552.4	2340.9	2148.0
-32.5°	2927.1	2930.8	2908.5	2882.6	2838.1	2778.7	2689.7	2545.0	2378.0	2192.5	2021.9
-35°	2719.3	2730.5	2711.9	2686.0	2648.9	2593.2	2522.7	2374.3	2207.4	2033.0	1888.3
-37.5°	2519.0	2526.4	2515.3	2493.0	2459.6	2404.0	2337.2	2211.1	2047.9	1884.6	1754.8
-40°	2337.2	2333.5	2318.7	2300.1	2270.4	2214.8	2148.0	2044.1	1895.7	1747.4	1617.5
-42.5°	2140.6	2148.0	2133.2	2114.6	2088.7	2029.3	1958.8	1873.5	1739.9	1610.1	1487.7
-45°	1955.1	1955.1	1944.0	1929.1	1903.2	1847.5	1769.6	1691.7	1576.7	1469.1	1368.9
-47.5°	1773.3	1777.0	1765.9	1747.4	1725.1	1673.2	1595.2	1509.9	1417.2	1328.1	1239.1
-50°	1591.5	1599.0	1587.8	1573.0	1550.7	1506.2	1432.0	1346.7	1261.4	1187.2	1113.0
-52.5°	1420.9	1424.6	1413.5	1398.6	1380.1	1346.7	1272.5	1198.3	1116.7	1053.6	990.5
-55°	1253.9	1257.6	1250.2	1235.4	1216.8	1187.2	1124.1	1053.6	983.1	920.0	868.1
-57.5°	1094.4	1098.1	1087.0	1072.2	1053.6	1031.3	975.7	912.6	845.9	790.2	745.7
-60°	931.2	934.9	931.2	916.3	897.8	875.5	831.0	779.1	727.1	678.9	641.8
-62.5°	793.9	790.2	779.1	767.9	753.1	734.6	701.2	660.4	619.5	578.7	545.4
-65°	660.4	664.1	660.4	645.5	630.7	615.8	593.6	560.2	530.5	497.1	471.2
-67.5°	563.9	560.2	560.2	545.4	534.2	523.1	500.8	478.6	452.6	426.6	400.7
-70°	467.4	471.2	471.2	456.3	448.9	437.8	422.9	404.4	382.1	363.6	341.3
-72.5°	363.6	367.3	371.0	363.6	363.6	359.9	352.4	337.6	322.8	307.9	293.1
-75°	256.0	263.4	267.1	274.5	278.2	285.7	289.4	278.2	263.4	252.3	241.1
-77.5°	170.7	178.1	181.8	192.9	204.0	211.5	218.9	215.2	207.8	200.3	192.9
-80°	111.3	115.0	118.7	133.6	141.0	152.1	163.2	159.5	155.8	152.1	148.4
-82.5°	66.8	70.5	74.2	85.3	96.5	103.9	115.0	111.3	111.3	107.6	107.6
-85°	37.1	40.8	44.5	51.9	59.4	66.8	70.5	66.8	66.8	63.1	59.4
-87.5°	18.5	22.3	22.3	26.0	29.7	29.7	33.4	29.7	29.7	29.7	26.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
82.5°	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
80°	3.7	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4
77.5°	0.0	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4
75°	0.0	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7
72.5°	0.0	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	3.7	3.7
70°	0.0	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	3.7	3.7
67.5°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4	3.7	3.7
65°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60°	7.4	7.4	7.4	7.4	7.4	3.7	3.7	7.4	7.4	3.7	3.7
57.5°	37.1	22.3	18.5	22.3	18.5	18.5	11.1	7.4	7.4	7.4	7.4
55°	96.5	92.7	70.5	51.9	44.5	37.1	26.0	18.5	11.1	11.1	11.1
52.5°	159.5	137.3	126.1	107.6	85.3	70.5	51.9	37.1	22.3	14.8	11.1
50°	215.2	200.3	181.8	159.5	133.6	111.3	89.0	63.1	44.5	29.7	18.5
47.5°	341.3	296.8	267.1	237.4	192.9	163.2	137.3	107.6	74.2	48.2	33.4
45°	489.7	415.5	363.6	333.9	278.2	222.6	185.5	159.5	115.0	74.2	51.9
42.5°	601.0	534.2	456.3	400.7	348.7	293.1	237.4	200.3	159.5	111.3	70.5
40°	678.9	615.8	545.4	486.0	411.8	352.4	296.8	252.3	207.8	155.8	96.5
37.5°	779.1	716.0	649.2	589.9	508.3	411.8	359.9	311.6	259.7	200.3	137.3
35°	983.1	864.4	786.5	712.3	619.5	515.7	426.6	374.7	315.3	248.6	181.8
32.5°	1202.0	1098.1	946.0	853.3	760.5	627.0	523.1	437.8	371.0	300.5	222.6
30°	1339.3	1235.4	1105.5	990.5	864.4	734.6	619.5	512.0	430.3	348.7	267.1
27.5°	1420.9	1339.3	1216.8	1083.3	957.1	819.9	704.9	597.3	482.3	393.2	307.9
25°	1509.9	1413.5	1317.0	1168.6	1031.3	894.1	775.4	675.2	537.9	434.1	345.0
22.5°	1591.5	1502.5	1402.3	1257.6	1101.8	968.3	868.1	749.4	608.4	478.6	382.1
20°	1732.5	1639.8	1509.9	1346.7	1202.0	1087.0	968.3	834.7	675.2	519.4	415.5
17.5°	1962.5	1829.0	1647.2	1484.0	1346.7	1209.4	1068.4	934.9	742.0	571.3	460.0
15°	2237.1	2040.4	1832.7	1643.5	1487.7	1335.6	1172.3	1012.8	816.2	638.1	504.5
12.5°	2426.3	2192.5	2003.3	1806.7	1628.6	1450.6	1253.9	1072.2	883.0	693.7	545.4
10°	2515.3	2303.8	2133.2	1932.8	1706.5	1498.8	1305.9	1124.1	938.6	742.0	586.2
7.5°	2574.7	2366.9	2177.7	1984.8	1751.1	1543.3	1346.7	1164.9	986.8	782.8	627.0
5°	2611.8	2396.6	2207.4	2018.2	1784.5	1573.0	1372.7	1202.0	1023.9	816.2	652.9
2.5°	2634.0	2426.3	2237.1	2055.3	1821.5	1606.4	1398.6	1224.3	1049.9	845.9	671.5
0°	2678.5	2455.9	2259.3	2073.8	1843.8	1624.9	1406.0	1231.7	1057.3	860.7	678.9
-2.5°	2660.0	2444.8	2248.2	2073.8	1851.2	1628.6	1420.9	1235.4	1064.7	883.0	693.7
-5°	2674.8	2448.5	2244.5	2059.0	1843.8	1617.5	1417.2	1228.0	1061.0	890.4	697.5
-7.5°	2671.1	2448.5	2244.5	2051.6	1843.8	1621.2	1417.2	1228.0	1061.0	890.4	701.2
-10°	2652.6	2433.7	2229.6	2036.7	1829.0	1613.8	1409.8	1220.5	1053.6	883.0	704.9
-12.5°	2615.5	2404.0	2200.0	2007.0	1803.0	1591.5	1387.5	1205.7	1042.5	871.8	701.2
-15°	2563.5	2355.8	2155.4	1966.2	1769.6	1561.9	1357.8	1183.5	1023.9	853.3	693.7
-17.5°	2496.7	2296.4	2099.8	1914.3	1725.1	1524.8	1328.1	1164.9	998.0	834.7	675.2
-20°	2411.4	2222.2	2040.4	1858.6	1673.2	1476.5	1291.0	1124.1	968.3	808.8	656.6



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2315.0	2144.3	1966.2	1791.9	1613.8	1420.9	1242.8	1083.3	931.2	779.1	634.4
-25°	2218.5	2055.3	1888.3	1721.4	1547.0	1365.2	1190.9	1035.1	890.4	745.7	608.4
-27.5°	2103.5	1951.4	1799.3	1643.5	1480.2	1305.9	1138.9	990.5	849.6	704.9	578.7
-30°	1984.8	1843.8	1706.5	1569.3	1406.0	1239.1	1079.6	938.6	801.3	667.8	545.4
-32.5°	1869.8	1736.2	1610.1	1472.8	1328.1	1164.9	1020.2	883.0	749.4	623.3	504.5
-35°	1754.8	1632.3	1509.9	1380.1	1235.4	1087.0	953.4	819.9	697.5	578.7	471.2
-37.5°	1636.1	1524.8	1409.8	1283.6	1146.4	1012.8	879.2	760.5	649.2	534.2	434.1
-40°	1513.6	1413.5	1313.3	1190.9	1068.4	934.9	808.8	697.5	593.6	489.7	404.4
-42.5°	1394.9	1302.2	1205.7	1098.1	979.4	857.0	742.0	638.1	541.6	452.6	371.0
-45°	1276.2	1187.2	1098.1	1001.7	886.7	771.7	675.2	582.5	493.4	411.8	337.6
-47.5°	1153.8	1075.9	986.8	894.1	793.9	693.7	604.7	523.1	441.5	367.3	304.2
-50°	1038.8	964.6	883.0	790.2	697.5	615.8	537.9	463.7	389.5	326.5	270.8
-52.5°	931.2	860.7	779.1	697.5	615.8	541.6	474.9	408.1	341.3	289.4	244.9
-55°	812.5	756.8	682.6	612.1	541.6	478.6	415.5	359.9	304.2	256.0	215.2
-57.5°	701.2	656.6	597.3	534.2	474.9	419.2	371.0	319.0	270.8	230.0	192.9
-60°	604.7	563.9	515.7	463.7	415.5	371.0	326.5	282.0	241.1	204.0	170.7
-62.5°	515.7	482.3	445.2	404.4	363.6	322.8	285.7	248.6	211.5	178.1	152.1
-65°	441.5	411.8	382.1	348.7	311.6	278.2	244.9	211.5	185.5	155.8	133.6
-67.5°	378.4	352.4	326.5	296.8	267.1	237.4	211.5	185.5	159.5	137.3	118.7
-70°	319.0	300.5	278.2	252.3	230.0	204.0	178.1	159.5	137.3	118.7	103.9
-72.5°	274.5	256.0	237.4	215.2	196.6	174.4	155.8	137.3	118.7	103.9	89.0
-75°	226.3	211.5	196.6	178.1	159.5	141.0	122.4	107.6	96.5	85.3	77.9
-77.5°	181.8	166.9	152.1	141.0	122.4	107.6	92.7	81.6	74.2	66.8	63.1
-80°	137.3	129.8	118.7	107.6	92.7	77.9	66.8	55.6	51.9	51.9	48.2
-82.5°	100.2	92.7	85.3	77.9	66.8	59.4	48.2	40.8	37.1	37.1	33.4
-85°	55.6	55.6	51.9	48.2	44.5	37.1	29.7	26.0	26.0	22.3	22.3
-87.5°	26.0	22.3	22.3	22.3	18.5	18.5	14.8	14.8	11.1	11.1	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0
85°	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0
82.5°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	0.0	0.0
80°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0
77.5°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0
75°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0
72.5°	3.7	3.7	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
70°	3.7	3.7	3.7	3.7	7.4	7.4	3.7	3.7	3.7	3.7	3.7
67.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
65°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
55°	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
52.5°	11.1	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7
50°	14.8	11.1	11.1	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
47.5°	18.5	14.8	11.1	11.1	7.4	7.4	3.7	3.7	3.7	3.7	3.7
45°	33.4	18.5	14.8	11.1	11.1	7.4	7.4	3.7	3.7	3.7	3.7
42.5°	48.2	29.7	18.5	14.8	11.1	7.4	7.4	3.7	3.7	3.7	3.7
40°	66.8	44.5	26.0	18.5	11.1	11.1	7.4	7.4	3.7	3.7	3.7
37.5°	89.0	59.4	37.1	22.3	14.8	11.1	11.1	7.4	3.7	3.7	3.7
35°	118.7	77.9	48.2	29.7	18.5	14.8	11.1	7.4	7.4	3.7	3.7
32.5°	155.8	100.2	63.1	37.1	22.3	14.8	11.1	7.4	7.4	3.7	3.7
30°	189.2	122.4	81.6	48.2	29.7	18.5	11.1	11.1	7.4	3.7	3.7
27.5°	226.3	155.8	96.5	59.4	37.1	22.3	14.8	11.1	7.4	3.7	3.7
25°	259.7	181.8	118.7	70.5	44.5	26.0	14.8	11.1	7.4	7.4	3.7
22.5°	293.1	207.8	137.3	85.3	51.9	29.7	18.5	11.1	7.4	7.4	3.7
20°	330.2	237.4	159.5	100.2	63.1	37.1	18.5	11.1	11.1	7.4	3.7
17.5°	363.6	267.1	181.8	115.0	70.5	40.8	22.3	14.8	11.1	7.4	3.7
15°	397.0	293.1	204.0	129.8	77.9	48.2	26.0	14.8	11.1	7.4	3.7
12.5°	426.6	319.0	222.6	141.0	89.0	51.9	29.7	14.8	11.1	7.4	3.7
10°	456.3	341.3	237.4	155.8	96.5	55.6	33.4	18.5	11.1	7.4	3.7
7.5°	486.0	363.6	252.3	166.9	103.9	63.1	33.4	18.5	11.1	7.4	3.7
5°	500.8	378.4	263.4	178.1	111.3	66.8	40.8	18.5	11.1	7.4	3.7
2.5°	515.7	397.0	274.5	189.2	118.7	66.8	40.8	22.3	11.1	7.4	3.7
0°	523.1	408.1	282.0	196.6	122.4	70.5	44.5	22.3	11.1	7.4	3.7
-2.5°	541.6	419.2	293.1	204.0	129.8	77.9	48.2	26.0	11.1	7.4	3.7
-5°	552.8	426.6	304.2	207.8	137.3	85.3	48.2	26.0	14.8	7.4	3.7
-7.5°	560.2	430.3	307.9	211.5	141.0	89.0	48.2	29.7	14.8	7.4	3.7
-10°	560.2	430.3	311.6	215.2	144.7	92.7	51.9	29.7	14.8	7.4	3.7
-12.5°	556.5	426.6	311.6	215.2	148.4	92.7	51.9	29.7	14.8	7.4	3.7
-15°	549.1	422.9	307.9	215.2	148.4	92.7	51.9	33.4	14.8	7.4	3.7
-17.5°	537.9	411.8	304.2	211.5	144.7	92.7	55.6	33.4	14.8	11.1	3.7
-20°	523.1	400.7	296.8	207.8	141.0	92.7	55.6	33.4	14.8	11.1	7.4



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	504.5	385.8	285.7	200.3	137.3	89.0	55.6	33.4	18.5	11.1	7.4
-25°	482.3	371.0	274.5	189.2	133.6	85.3	55.6	33.4	18.5	11.1	7.4
-27.5°	456.3	352.4	259.7	181.8	126.1	85.3	55.6	33.4	18.5	11.1	7.4
-30°	426.6	333.9	244.9	174.4	122.4	81.6	51.9	29.7	18.5	11.1	3.7
-32.5°	404.4	315.3	230.0	163.2	118.7	77.9	51.9	29.7	18.5	11.1	7.4
-35°	378.4	296.8	218.9	155.8	111.3	74.2	48.2	29.7	18.5	11.1	7.4
-37.5°	352.4	274.5	207.8	152.1	107.6	70.5	48.2	29.7	18.5	11.1	7.4
-40°	330.2	256.0	192.9	141.0	100.2	66.8	44.5	29.7	18.5	11.1	7.4
-42.5°	304.2	237.4	181.8	133.6	92.7	63.1	40.8	29.7	18.5	11.1	7.4
-45°	278.2	218.9	166.9	122.4	85.3	59.4	40.8	26.0	18.5	11.1	7.4
-47.5°	248.6	200.3	152.1	111.3	81.6	55.6	37.1	26.0	18.5	11.1	7.4
-50°	226.3	178.1	137.3	100.2	74.2	55.6	37.1	26.0	18.5	11.1	7.4
-52.5°	200.3	159.5	122.4	92.7	70.5	51.9	37.1	26.0	18.5	11.1	7.4
-55°	178.1	141.0	111.3	85.3	66.8	48.2	37.1	26.0	18.5	11.1	7.4
-57.5°	159.5	126.1	100.2	81.6	63.1	48.2	33.4	22.3	14.8	11.1	7.4
-60°	141.0	115.0	92.7	77.9	59.4	44.5	33.4	22.3	14.8	11.1	7.4
-62.5°	126.1	103.9	85.3	70.5	55.6	40.8	29.7	22.3	14.8	11.1	7.4
-65°	111.3	96.5	77.9	66.8	51.9	40.8	29.7	18.5	14.8	7.4	7.4
-67.5°	100.2	85.3	70.5	59.4	48.2	37.1	29.7	18.5	11.1	7.4	7.4
-70°	89.0	74.2	63.1	55.6	44.5	33.4	26.0	18.5	11.1	7.4	7.4
-72.5°	77.9	66.8	59.4	48.2	40.8	29.7	22.3	14.8	11.1	7.4	7.4
-75°	70.5	59.4	51.9	44.5	37.1	26.0	18.5	14.8	7.4	7.4	3.7
-77.5°	59.4	48.2	40.8	37.1	29.7	22.3	18.5	11.1	7.4	7.4	3.7
-80°	44.5	37.1	33.4	29.7	26.0	18.5	14.8	11.1	7.4	3.7	3.7
-82.5°	33.4	29.7	26.0	22.3	18.5	14.8	11.1	7.4	7.4	3.7	3.7
-85°	22.3	18.5	14.8	14.8	11.1	11.1	7.4	3.7	3.7	3.7	3.7
-87.5°	11.1	11.1	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	3.7	0.0	0.0	0.0
57.5°	3.7	0.0	0.0	0.0
55°	3.7	0.0	0.0	0.0
52.5°	3.7	0.0	0.0	0.0
50°	3.7	0.0	0.0	0.0
47.5°	3.7	0.0	0.0	0.0
45°	3.7	0.0	0.0	0.0
42.5°	3.7	0.0	0.0	0.0
40°	3.7	3.7	0.0	0.0
37.5°	3.7	3.7	0.0	0.0
35°	3.7	3.7	0.0	0.0
32.5°	3.7	3.7	0.0	0.0
30°	3.7	3.7	0.0	0.0
27.5°	3.7	3.7	0.0	0.0
25°	3.7	3.7	0.0	0.0
22.5°	3.7	3.7	0.0	0.0
20°	3.7	3.7	0.0	0.0
17.5°	3.7	3.7	0.0	0.0
15°	3.7	3.7	0.0	0.0
12.5°	3.7	3.7	0.0	0.0
10°	3.7	3.7	0.0	0.0
7.5°	3.7	3.7	0.0	0.0
5°	3.7	3.7	0.0	0.0
2.5°	3.7	3.7	0.0	0.0
0°	3.7	3.7	0.0	0.0
-2.5°	3.7	3.7	0.0	0.0
-5°	3.7	3.7	0.0	0.0
-7.5°	3.7	3.7	0.0	0.0
-10°	3.7	3.7	0.0	0.0
-12.5°	3.7	3.7	0.0	0.0
-15°	3.7	3.7	0.0	0.0
-17.5°	3.7	3.7	0.0	0.0
-20°	3.7	3.7	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.7	3.7	0.0	0.0
-25°	3.7	3.7	0.0	0.0
-27.5°	3.7	3.7	0.0	0.0
-30°	3.7	3.7	0.0	0.0
-32.5°	3.7	3.7	0.0	0.0
-35°	3.7	3.7	0.0	0.0
-37.5°	3.7	3.7	0.0	0.0
-40°	3.7	3.7	0.0	0.0
-42.5°	3.7	3.7	0.0	0.0
-45°	3.7	3.7	0.0	0.0
-47.5°	3.7	3.7	0.0	0.0
-50°	3.7	3.7	0.0	0.0
-52.5°	3.7	3.7	0.0	0.0
-55°	3.7	3.7	0.0	0.0
-57.5°	3.7	3.7	0.0	0.0
-60°	3.7	3.7	0.0	0.0
-62.5°	3.7	3.7	0.0	0.0
-65°	3.7	3.7	0.0	0.0
-67.5°	3.7	3.7	0.0	0.0
-70°	3.7	3.7	0.0	0.0
-72.5°	3.7	3.7	0.0	0.0
-75°	3.7	0.0	0.0	0.0
-77.5°	3.7	0.0	0.0	0.0
-80°	3.7	0.0	0.0	0.0
-82.5°	0.0	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)