

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: P721959

Luminaire Tested: **IFLD-S-SA2A-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721959
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

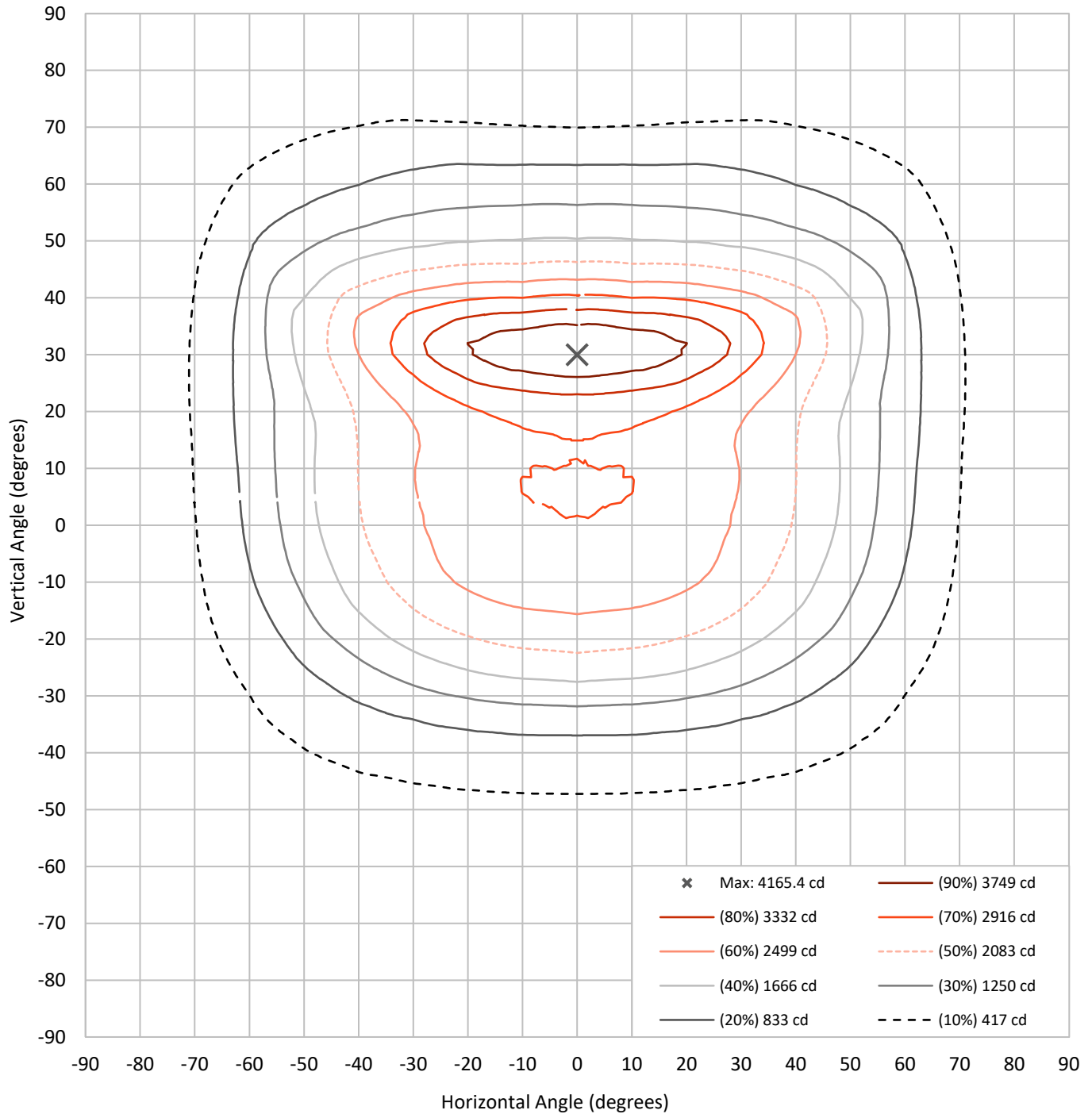
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 6953.1 lumens	Max Intensity: 4165.4 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 109.0 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 4043.3 lumens	Field Lumens: 6516 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 63.8
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: 28.75 FT



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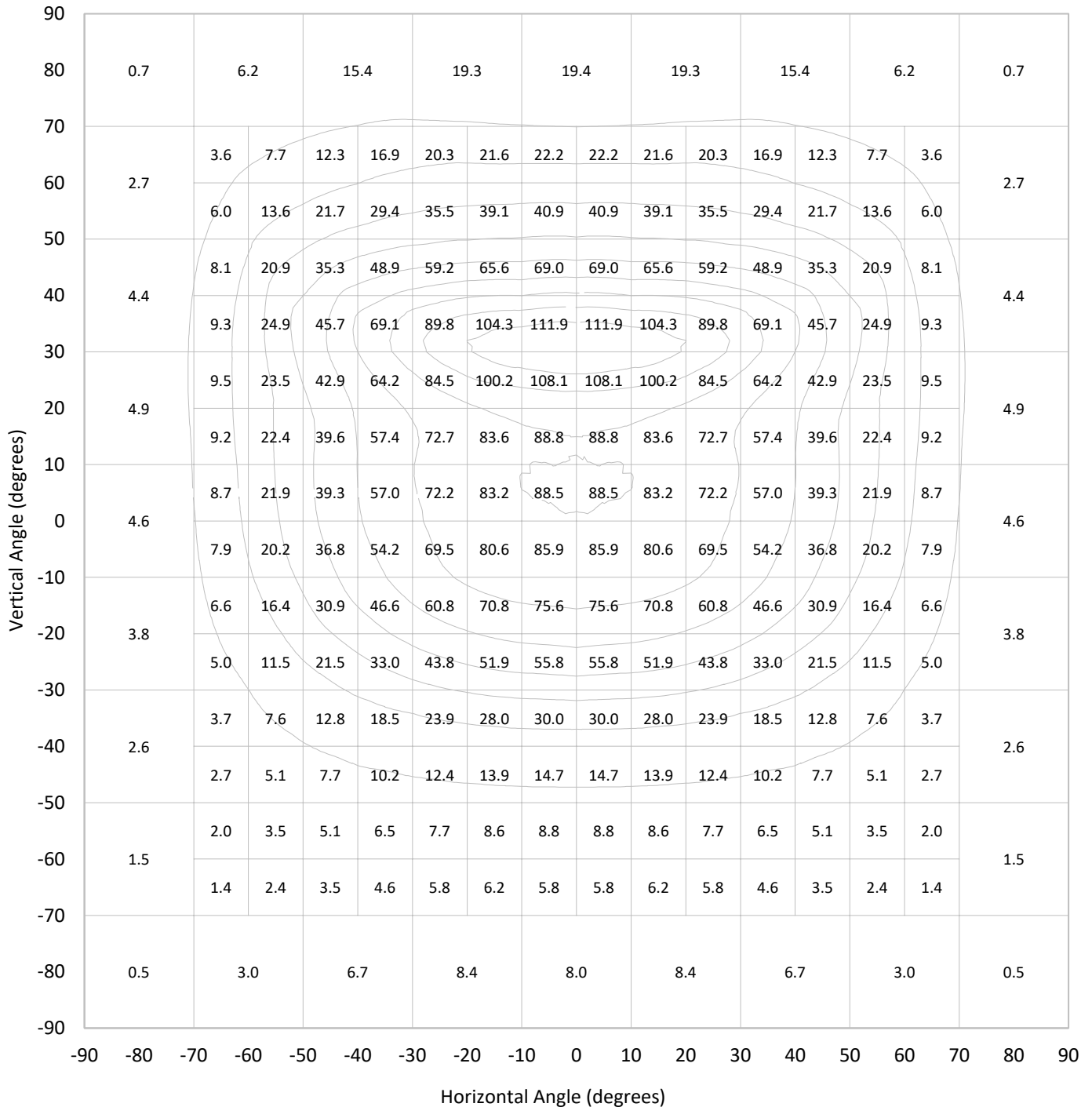
Iso-Candela Plot





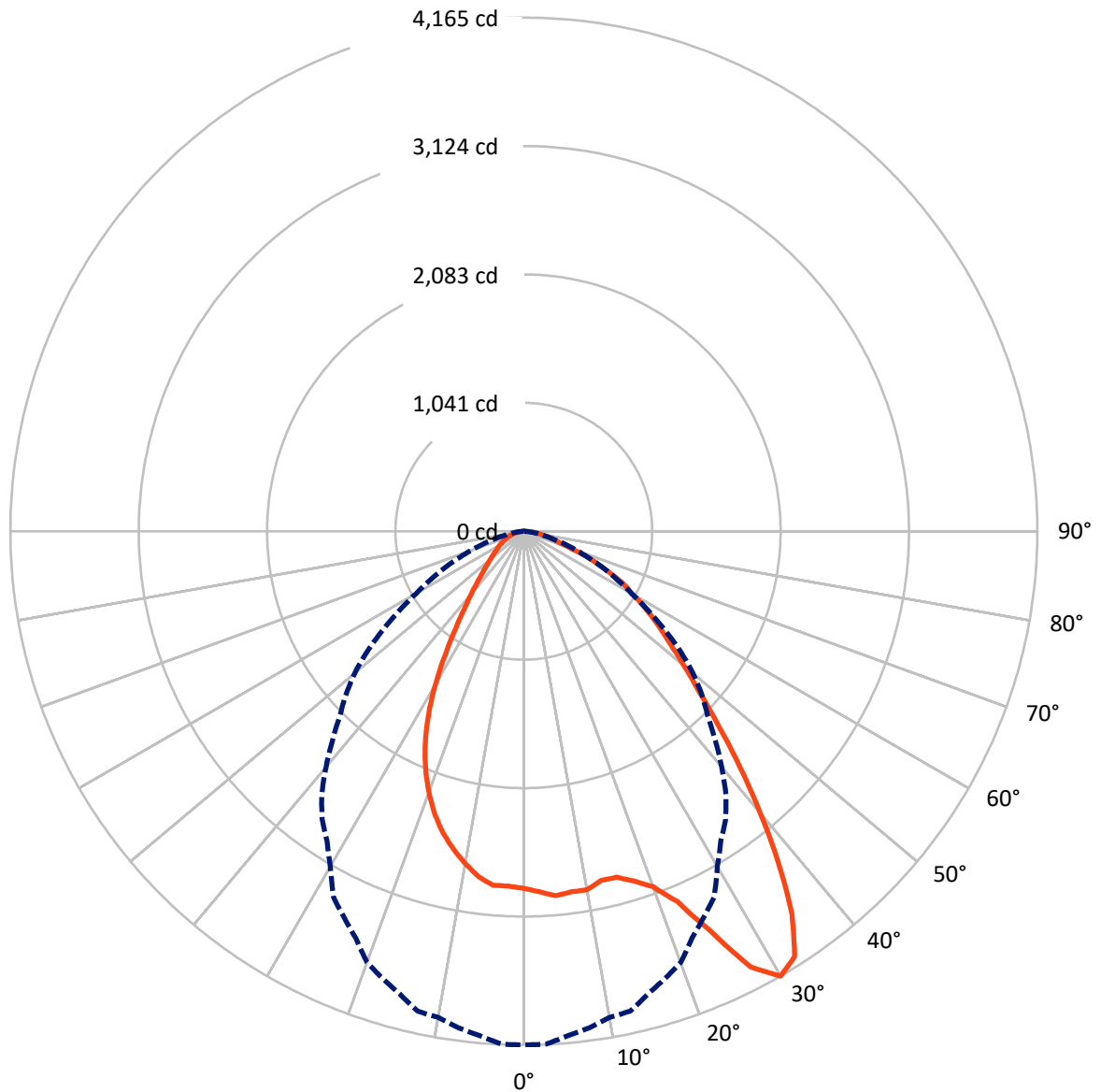
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Lumen Table



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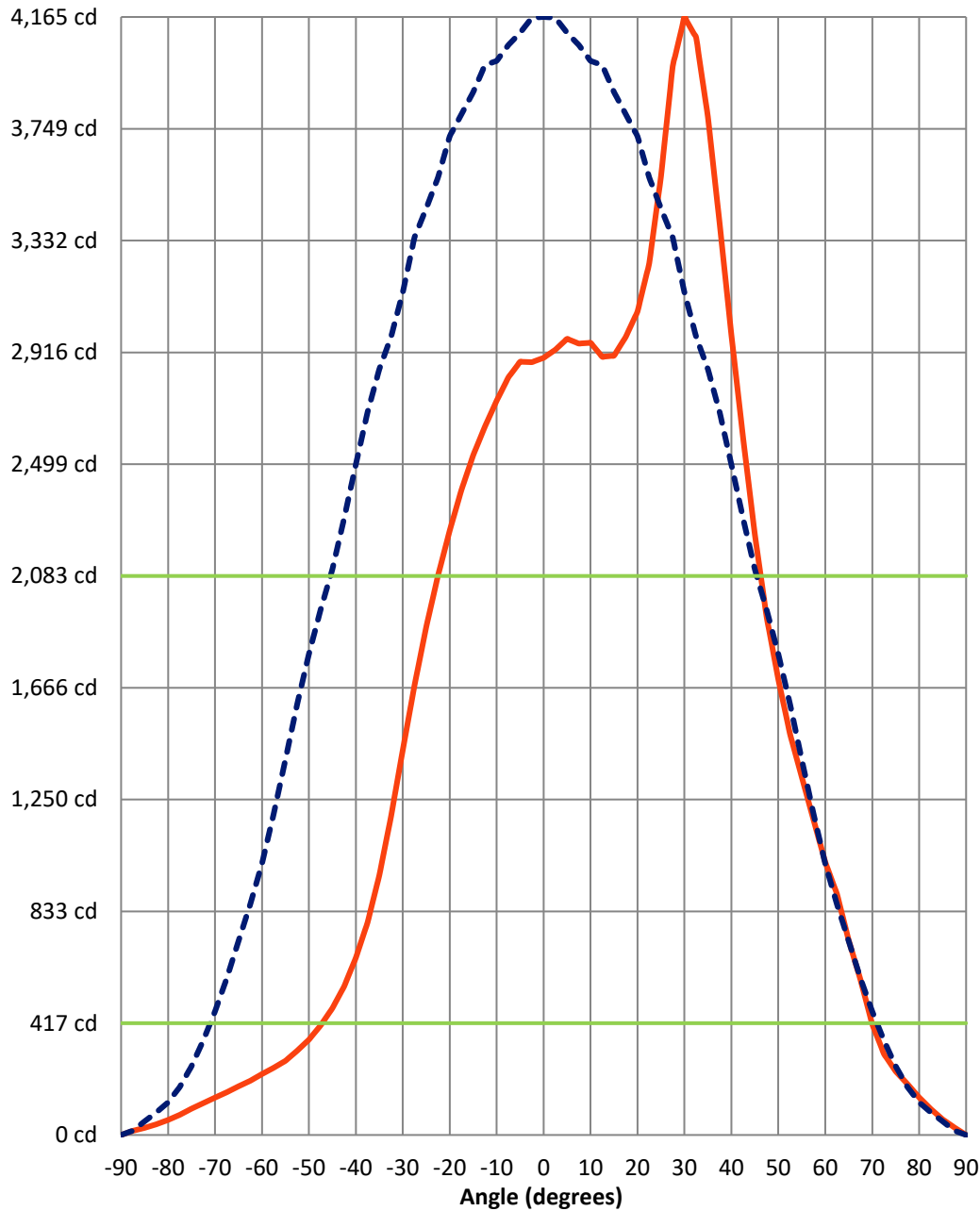
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 4043.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 6516
 Efficiency: 93.7%

Spill:
 Lumens: 437.1
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-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°	28.0	28.7	29.5	29.5	28.7	28.7	28.7	28.0	28.7	28.7	28.7
85°	58.2	59.7	61.1	60.4	59.7	58.2	56.7	57.5	58.2	58.9	58.9
82.5°	96.5	98.7	100.2	99.4	98.0	96.5	95.0	95.8	97.2	98.0	98.0
80°	140.0	140.7	141.4	142.9	140.7	140.7	140.0	142.9	144.4	145.8	147.3
77.5°	190.0	190.8	190.8	191.5	192.2	193.0	193.0	198.1	201.8	204.0	206.2
75°	237.2	239.4	241.6	243.8	246.8	248.2	250.4	257.8	263.7	268.1	272.5
72.5°	302.0	304.9	308.6	313.8	318.9	322.6	327.8	336.6	343.3	347.7	352.8
70°	413.2	416.2	419.9	423.5	428.7	432.4	437.5	448.6	455.2	458.2	461.1
67.5°	578.2	585.6	592.2	584.9	581.2	576.0	577.5	587.8	594.4	598.8	598.1
65°	724.8	730.0	730.0	729.2	726.3	719.6	723.3	735.9	743.2	746.9	735.9
62.5°	897.2	897.2	893.5	899.4	900.1	895.7	893.5	894.2	895.0	897.2	878.8
60°	1016.5	1023.9	1026.1	1031.2	1032.7	1032.7	1036.4	1039.3	1039.3	1034.9	1013.5
57.5°	1174.1	1188.1	1191.1	1187.4	1180.0	1170.4	1169.0	1164.5	1155.7	1146.9	1136.6
55°	1333.2	1340.6	1339.9	1337.6	1330.3	1319.2	1320.7	1314.8	1300.8	1289.8	1275.8
52.5°	1493.1	1510.7	1513.7	1509.3	1499.0	1487.2	1487.9	1481.3	1467.3	1455.5	1436.3
50°	1697.1	1711.8	1710.4	1703.0	1688.3	1679.4	1680.2	1667.6	1651.4	1647.8	1622.7
47.5°	1930.6	1947.5	1944.6	1934.3	1914.4	1910.7	1914.4	1898.2	1888.6	1880.5	1851.0
45°	2237.0	2256.9	2245.9	2226.0	2194.3	2198.0	2203.1	2200.2	2179.6	2158.2	2120.6
42.5°	2596.5	2609.0	2595.7	2575.9	2536.1	2543.4	2540.5	2522.8	2510.3	2474.9	2427.1
40°	2981.0	3008.2	2987.6	2956.7	2915.4	2926.5	2918.4	2895.5	2866.1	2821.9	2761.5
37.5°	3395.7	3417.0	3393.5	3357.4	3320.5	3316.9	3300.7	3265.3	3223.3	3174.7	3078.2
35°	3792.7	3847.9	3804.5	3747.0	3702.1	3685.2	3669.7	3587.9	3540.0	3461.2	3329.4
32.5°	4088.1	4128.6	4074.8	4015.2	3960.6	3937.1	3882.6	3785.3	3759.6	3593.8	3473.0
30°	4165.4	4162.5	4106.5	4060.8	4001.9	3985.7	3885.5	3803.0	3720.5	3567.3	3452.4
27.5°	3981.3	3962.9	3909.1	3869.3	3811.1	3792.0	3693.3	3649.1	3521.6	3392.0	3294.8
25°	3571.0	3580.6	3540.0	3520.2	3481.9	3440.6	3401.6	3341.9	3262.4	3148.9	3059.8
22.5°	3247.6	3260.1	3243.2	3219.6	3190.2	3167.3	3137.9	3091.5	3014.9	2944.9	2860.9
20°	3067.9	3064.2	3049.5	3031.8	3003.8	2987.6	2955.2	2916.2	2857.2	2796.8	2706.2
17.5°	2973.6	2950.8	2936.8	2930.2	2915.4	2894.8	2856.5	2816.7	2771.1	2702.5	2636.3
15°	2903.6	2907.3	2896.3	2891.1	2879.3	2850.6	2811.6	2779.2	2717.3	2682.7	2622.3
12.5°	2899.2	2895.5	2896.3	2894.1	2879.3	2842.5	2822.6	2781.4	2741.6	2695.9	2626.7
10°	2951.5	2912.5	2915.4	2925.7	2902.2	2872.7	2851.3	2806.4	2768.8	2710.6	2642.1
7.5°	2948.6	2928.7	2934.6	2917.6	2925.0	2888.9	2859.4	2814.5	2767.4	2705.5	2643.6
5°	2966.2	2936.0	2930.9	2932.4	2913.9	2886.7	2846.9	2804.2	2760.0	2690.8	2627.4
2.5°	2925.7	2930.2	2906.6	2897.7	2895.5	2849.9	2813.0	2771.8	2726.1	2665.0	2608.3
0°	2895.5	2903.6	2879.3	2866.8	2866.1	2827.0	2803.5	2756.3	2723.9	2673.1	2604.6
-2.5°	2879.3	2888.9	2891.9	2869.0	2846.9	2816.7	2776.9	2726.1	2673.1	2614.2	2555.2
-5°	2880.8	2861.7	2853.5	2860.9	2841.8	2811.6	2767.4	2722.4	2670.1	2606.8	2533.1
-7.5°	2822.6	2803.5	2802.0	2798.3	2793.9	2765.2	2728.3	2679.7	2626.7	2567.8	2499.2
-10°	2735.7	2721.7	2718.0	2714.3	2702.5	2685.6	2651.0	2606.8	2558.9	2500.0	2427.1
-12.5°	2639.2	2632.6	2618.6	2609.0	2597.2	2577.3	2544.2	2503.7	2455.8	2403.5	2340.9
-15°	2532.4	2519.9	2505.9	2497.8	2480.8	2457.3	2424.1	2386.6	2334.3	2282.7	2223.8
-17.5°	2403.5	2388.0	2372.6	2370.3	2358.6	2322.5	2291.5	2245.9	2200.2	2150.8	2093.4
-20°	2251.8	2230.4	2220.1	2214.2	2198.0	2171.5	2138.3	2096.3	2052.1	2005.0	1938.7



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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°	2083.8	2065.4	2047.7	2036.7	2022.7	2002.1	1970.4	1933.5	1890.1	1837.1	1775.9
-25°	1893.0	1867.3	1856.2	1843.7	1836.3	1817.2	1786.2	1752.3	1707.4	1655.9	1597.7
-27.5°	1675.0	1654.4	1648.5	1630.8	1622.0	1602.1	1576.3	1544.6	1503.4	1454.8	1406.9
-30°	1434.1	1421.6	1412.0	1394.4	1387.7	1366.4	1349.4	1322.9	1285.3	1250.7	1212.4
-32.5°	1186.6	1174.1	1171.2	1163.1	1158.7	1144.7	1125.5	1106.4	1076.2	1050.4	1019.4
-35°	967.1	958.3	959.0	958.3	953.9	943.6	920.0	914.8	892.7	869.2	849.3
-37.5°	791.8	792.6	791.8	791.1	785.2	780.8	763.8	757.2	744.0	721.1	709.3
-40°	660.0	661.5	660.7	659.2	652.6	650.4	639.4	630.5	625.4	609.2	596.6
-42.5°	553.2	555.4	554.7	553.9	549.5	548.8	542.9	532.6	529.6	520.0	506.8
-45°	472.2	471.4	469.9	471.4	469.2	467.0	463.3	456.7	453.0	448.6	437.5
-47.5°	408.1	408.8	407.3	407.3	404.4	402.2	400.7	396.3	393.3	389.7	383.0
-50°	355.0	358.0	357.2	356.5	354.3	352.8	352.8	348.4	344.0	342.5	338.1
-52.5°	313.8	316.0	316.7	318.2	318.9	319.7	317.5	313.1	305.7	304.9	302.7
-55°	276.2	282.9	287.3	290.2	293.2	295.4	291.0	285.1	277.7	274.7	274.0
-57.5°	250.4	257.1	262.2	266.6	270.3	274.0	269.6	263.7	257.1	253.4	252.7
-60°	226.9	232.8	237.9	243.8	249.0	254.9	252.7	248.2	244.5	241.6	238.7
-62.5°	201.8	207.7	213.6	221.0	227.6	233.5	234.2	233.5	232.8	233.5	228.3
-65°	181.2	184.1	187.8	195.9	203.3	209.9	213.6	215.8	219.5	223.2	218.0
-67.5°	159.1	162.8	167.2	173.1	179.0	183.4	188.6	194.5	200.4	206.2	202.6
-70°	139.2	142.2	145.8	148.8	152.5	155.4	159.8	166.5	173.1	179.0	177.5
-72.5°	118.6	121.5	123.7	125.2	127.4	128.9	131.1	137.0	141.4	144.4	144.4
-75°	98.0	100.9	103.1	103.9	105.3	106.1	107.5	109.8	112.0	112.7	113.4
-77.5°	75.1	78.1	80.3	81.8	83.2	84.7	85.4	86.9	87.7	87.7	88.4
-80°	56.0	58.2	59.7	61.9	62.6	64.1	65.6	66.3	67.0	67.0	67.8
-82.5°	39.8	41.2	42.7	44.2	45.7	46.4	47.9	48.6	49.4	50.1	50.8
-85°	26.5	28.0	29.5	30.9	31.7	32.4	33.1	33.9	34.6	35.4	36.1
-87.5°	15.5	16.2	16.9	18.4	19.2	20.6	21.4	20.6	21.4	21.4	21.4
-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°	28.7	28.7	28.7	28.7	28.0	26.5	25.8	24.3	22.8	21.4	19.9
85°	59.7	60.4	60.4	60.4	58.9	58.2	56.0	53.8	50.8	46.4	42.7
82.5°	99.4	100.2	100.2	99.4	98.0	95.8	92.8	89.1	83.2	77.3	72.2
80°	149.5	150.3	150.3	149.5	145.8	142.2	138.5	134.1	126.7	118.6	109.8
77.5°	209.2	210.7	210.7	208.5	203.3	198.9	193.0	185.6	174.6	162.8	151.0
75°	278.4	282.1	282.9	280.6	274.0	265.9	256.3	243.8	226.9	212.1	198.1
72.5°	358.7	362.4	365.3	362.4	352.8	341.8	327.8	313.1	296.1	276.2	252.7
70°	464.1	467.7	469.9	460.4	443.4	425.0	408.1	391.1	371.2	346.9	321.2
67.5°	596.6	593.0	588.5	569.4	548.0	525.9	502.4	477.3	451.5	425.7	395.5
65°	724.1	713.8	704.2	681.3	654.1	625.4	598.1	570.1	539.2	506.8	478.0
62.5°	858.1	836.0	812.5	784.5	756.5	724.8	697.6	664.4	629.8	590.0	553.2
60°	990.0	963.5	939.9	905.3	868.4	825.7	796.3	763.8	723.3	680.6	637.2
57.5°	1117.4	1088.7	1062.9	1032.7	992.9	946.5	914.1	872.1	829.4	775.6	731.4
55°	1252.9	1224.2	1203.6	1169.7	1126.2	1083.5	1048.2	1004.0	944.3	886.9	832.3
52.5°	1408.4	1385.5	1363.4	1328.8	1276.5	1233.1	1194.0	1144.7	1082.1	1011.3	945.8
50°	1582.2	1570.4	1546.8	1506.3	1446.7	1408.4	1356.8	1291.2	1224.2	1149.8	1068.1
47.5°	1812.7	1793.6	1760.4	1716.3	1666.2	1608.7	1539.5	1462.9	1367.8	1285.3	1198.4
45°	2088.2	2052.9	2010.2	1950.5	1888.6	1823.8	1747.9	1650.7	1523.3	1415.7	1324.4
42.5°	2386.6	2338.7	2280.5	2202.4	2122.1	2042.6	1960.8	1828.2	1669.1	1545.4	1442.2
40°	2698.1	2637.0	2564.1	2450.6	2361.5	2259.1	2165.6	1967.4	1798.0	1664.0	1554.2
37.5°	3003.1	2925.7	2803.5	2665.7	2561.9	2477.9	2272.4	2060.2	1908.5	1761.2	1650.0
35°	3236.6	3171.0	2955.2	2812.3	2723.2	2590.6	2333.5	2116.2	1955.6	1833.4	1660.3
32.5°	3375.1	3205.6	3016.3	2872.0	2798.3	2581.0	2337.9	2132.4	1977.7	1840.7	1633.8
30°	3344.1	3139.3	2973.6	2852.8	2693.0	2497.8	2296.7	2107.4	1957.1	1791.4	1604.3
27.5°	3157.8	2999.4	2851.3	2725.4	2568.5	2393.2	2207.6	2041.1	1901.1	1740.6	1563.8
25°	2947.1	2803.5	2693.7	2584.0	2435.2	2268.0	2104.4	1984.4	1843.7	1685.3	1510.7
22.5°	2753.4	2650.2	2564.1	2449.2	2304.1	2158.2	2056.6	1932.1	1787.7	1627.1	1456.2
20°	2629.6	2559.6	2460.9	2334.3	2220.1	2128.7	2016.0	1884.2	1735.4	1567.5	1409.8
17.5°	2570.0	2488.9	2379.2	2296.7	2209.0	2108.9	1982.9	1842.9	1684.6	1540.2	1415.0
15°	2539.0	2453.6	2381.4	2300.4	2201.7	2096.3	1956.4	1811.3	1684.6	1551.3	1418.7
12.5°	2545.7	2472.0	2393.2	2304.8	2198.7	2086.0	1959.3	1824.5	1693.4	1559.4	1419.4
10°	2566.3	2488.9	2405.0	2307.0	2200.2	2089.0	1967.4	1832.6	1697.8	1563.0	1417.9
7.5°	2573.6	2489.7	2399.8	2301.1	2196.5	2087.5	1968.9	1834.8	1698.6	1562.3	1413.5
5°	2550.8	2474.9	2388.0	2288.6	2186.2	2080.1	1963.0	1831.9	1692.7	1554.9	1402.5
2.5°	2519.9	2458.7	2375.5	2279.7	2175.9	2069.8	1953.4	1818.6	1679.4	1541.7	1388.5
0°	2514.7	2438.8	2354.9	2269.4	2158.9	2047.0	1931.3	1793.6	1655.1	1516.6	1364.2
-2.5°	2480.8	2400.5	2316.6	2223.8	2126.5	2013.8	1892.3	1757.5	1620.5	1484.2	1337.6
-5°	2455.1	2365.9	2276.8	2176.6	2078.7	1966.0	1840.0	1708.9	1574.8	1442.2	1300.8
-7.5°	2420.4	2329.1	2235.5	2131.0	2024.9	1910.0	1785.5	1654.4	1522.5	1390.7	1255.1
-10°	2350.5	2270.2	2182.5	2074.2	1962.3	1847.4	1723.6	1594.7	1462.9	1329.5	1193.3
-12.5°	2265.7	2181.0	2085.3	1985.8	1885.7	1778.9	1655.1	1528.4	1395.8	1261.8	1126.2
-15°	2156.0	2072.8	1974.8	1877.6	1781.1	1678.7	1569.7	1455.5	1320.7	1188.9	1053.3
-17.5°	2019.0	1940.9	1853.3	1760.4	1664.7	1561.6	1455.5	1359.0	1233.1	1109.3	975.2
-20°	1871.7	1798.8	1719.9	1632.3	1536.5	1435.6	1335.4	1234.5	1125.5	1016.5	892.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1718.5	1644.8	1565.3	1483.5	1395.1	1301.6	1208.7	1112.3	1016.5	917.8	812.5
-25°	1541.7	1476.9	1403.9	1324.4	1245.6	1163.8	1075.4	987.8	906.0	820.6	734.4
-27.5°	1356.8	1297.1	1230.8	1161.6	1093.8	1025.3	948.7	867.7	799.9	729.2	657.8
-30°	1162.3	1114.5	1060.7	1000.3	948.0	892.7	828.7	761.6	699.8	646.0	588.5
-32.5°	978.2	937.7	899.4	859.6	808.0	765.3	721.1	671.8	617.3	566.4	525.2
-35°	819.8	776.4	760.2	730.7	693.9	656.3	623.9	588.5	547.3	502.4	468.5
-37.5°	686.5	660.7	637.9	621.7	597.4	567.2	541.4	515.6	483.9	450.1	416.2
-40°	582.6	565.0	539.9	531.8	516.3	495.7	469.2	449.3	428.0	402.2	373.5
-42.5°	499.4	486.1	469.9	455.9	449.3	434.6	414.0	394.8	377.9	360.2	338.1
-45°	430.9	422.1	411.8	399.2	394.1	382.3	367.6	346.2	336.6	321.9	305.7
-47.5°	375.7	371.2	363.9	355.8	348.4	339.6	326.3	313.1	299.8	290.2	277.7
-50°	332.2	329.3	324.8	318.2	308.6	302.7	293.9	282.1	269.6	261.5	252.7
-52.5°	297.6	294.6	291.7	286.5	279.2	273.3	265.9	256.3	246.0	237.9	230.6
-55°	271.1	266.6	264.4	260.0	254.1	247.5	240.9	234.2	225.4	218.0	210.7
-57.5°	250.4	244.5	241.6	237.9	232.0	225.4	220.2	213.6	207.7	199.6	193.0
-60°	234.2	227.6	221.7	218.0	212.9	206.2	201.1	195.9	190.0	183.4	175.3
-62.5°	221.0	212.9	204.8	200.4	195.2	189.3	184.1	179.0	173.1	166.5	159.1
-65°	208.5	198.9	188.6	184.1	179.0	173.1	166.5	162.8	157.6	151.7	144.4
-67.5°	193.0	182.7	173.8	168.7	163.5	158.4	152.5	148.8	143.6	136.3	128.9
-70°	170.2	163.5	157.6	153.2	148.8	144.4	138.5	132.6	126.7	120.1	113.4
-72.5°	141.4	139.2	138.5	136.3	131.1	126.0	120.1	114.2	109.0	103.9	98.7
-75°	114.2	115.6	117.1	116.4	111.2	106.1	100.9	95.8	92.1	87.7	83.2
-77.5°	90.6	92.1	93.5	93.5	89.9	86.9	83.2	79.6	76.6	72.9	68.5
-80°	70.0	72.2	74.4	75.9	72.9	70.7	67.8	64.8	61.9	58.9	56.0
-82.5°	53.0	55.2	57.5	58.9	56.7	55.2	53.0	50.8	48.6	45.7	43.5
-85°	38.3	39.8	41.2	42.0	40.5	39.0	37.6	36.1	34.6	32.4	30.9
-87.5°	22.1	22.8	23.6	24.3	22.8	21.4	20.6	19.2	18.4	16.9	16.2
-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°	18.4	16.9	15.5	14.7	13.3	11.0	9.6	8.1	6.6	5.2	4.4
85°	39.0	35.4	30.9	28.7	25.8	22.8	19.9	16.9	14.0	11.0	8.1
82.5°	67.0	62.6	58.2	53.0	46.4	38.3	30.2	25.0	20.6	16.2	12.5
80°	100.9	92.8	85.4	78.8	71.4	61.1	50.1	39.8	28.0	21.4	16.2
77.5°	140.0	130.4	120.1	109.0	97.2	83.2	70.7	57.5	43.5	29.5	20.6
75°	184.1	171.6	157.6	142.2	126.7	108.3	90.6	75.1	58.9	41.2	25.0
72.5°	233.5	218.0	201.1	180.5	156.2	134.8	113.4	92.8	73.7	52.3	33.9
70°	296.8	272.5	247.5	225.4	194.5	160.6	135.5	112.0	87.7	64.1	42.7
67.5°	364.6	335.1	304.9	272.5	233.5	193.7	157.6	131.1	102.4	75.1	50.8
65°	438.3	401.4	363.1	327.0	273.3	226.1	185.6	149.5	116.4	85.4	58.9
62.5°	514.1	470.7	426.5	379.3	317.5	259.3	212.1	170.2	129.6	95.0	66.3
60°	595.2	544.3	490.6	431.6	359.5	295.4	237.2	191.5	143.6	104.6	74.4
57.5°	680.6	625.4	562.0	482.5	402.9	330.0	265.9	210.7	156.2	113.4	80.3
55°	773.4	710.1	640.8	535.5	445.6	364.6	294.6	229.8	169.4	120.8	86.2
52.5°	873.6	799.9	712.3	591.5	490.6	400.0	321.2	246.8	181.9	128.9	91.3
50°	985.6	892.7	774.9	643.0	529.6	433.1	347.7	265.2	192.2	137.7	95.8
47.5°	1101.9	1001.8	830.9	690.9	569.4	465.5	374.9	281.4	202.6	145.1	100.2
45°	1223.5	1077.6	889.1	733.6	604.0	495.0	395.5	296.1	215.1	151.7	103.9
42.5°	1343.5	1135.1	939.9	776.4	636.4	521.5	412.5	310.1	225.4	158.4	107.5
40°	1400.3	1178.5	980.4	805.8	663.7	545.1	427.2	322.6	234.2	162.8	111.2
37.5°	1423.8	1205.1	1006.9	833.8	685.0	557.6	439.7	333.7	241.6	167.2	114.2
35°	1429.0	1214.6	1020.2	853.0	702.7	569.4	449.3	341.8	247.5	171.6	117.1
32.5°	1419.4	1211.7	1023.9	859.6	713.8	578.2	455.9	347.7	251.9	176.0	120.1
30°	1398.0	1196.2	1010.6	858.9	721.9	583.4	460.4	352.1	256.3	179.0	121.5
27.5°	1363.4	1169.0	993.7	859.6	726.3	585.6	462.6	354.3	259.3	181.2	124.5
25°	1320.7	1132.1	994.4	858.1	727.0	586.3	462.6	354.3	260.0	181.9	126.7
22.5°	1271.4	1132.1	994.4	855.9	722.6	584.9	460.4	352.8	260.0	183.4	128.9
20°	1274.3	1132.9	992.2	851.5	716.0	580.4	455.2	349.1	257.8	185.6	130.4
17.5°	1276.5	1131.4	987.8	845.6	707.1	573.1	448.6	344.0	257.8	187.8	131.1
15°	1276.5	1127.0	981.1	836.8	696.1	562.8	439.0	339.6	258.5	188.6	132.6
12.5°	1274.3	1118.9	970.8	825.0	682.8	550.2	433.1	338.1	258.5	189.3	132.6
10°	1269.9	1107.8	957.6	810.2	670.3	545.8	430.2	335.1	257.1	189.3	132.6
7.5°	1261.8	1094.6	946.5	801.4	662.9	540.7	425.7	330.7	254.9	187.8	134.1
5°	1249.3	1087.2	937.7	791.1	652.6	537.0	422.8	327.0	253.4	187.8	132.6
2.5°	1233.1	1078.4	927.4	777.8	640.8	524.5	413.2	318.9	248.2	184.9	131.1
0°	1206.5	1060.7	909.7	759.4	624.6	511.9	403.7	310.8	243.1	181.9	129.6
-2.5°	1182.2	1037.1	886.9	740.3	609.2	500.9	396.3	306.4	240.9	181.2	128.9
-5°	1148.3	1004.7	856.7	715.2	588.5	489.8	388.9	301.3	238.7	179.7	128.9
-7.5°	1110.8	970.8	825.0	689.4	567.9	470.7	374.9	293.2	233.5	176.8	128.2
-10°	1052.6	920.0	785.2	660.0	545.8	453.7	363.1	285.8	229.1	173.8	125.2
-12.5°	990.7	864.0	739.5	623.9	520.8	436.1	349.9	277.7	223.9	170.9	123.7
-15°	925.2	806.6	691.7	586.3	493.5	414.7	335.9	268.9	218.8	167.2	121.5
-17.5°	856.7	746.2	642.3	548.0	466.3	392.6	321.2	260.8	212.9	163.5	119.3
-20°	784.5	684.3	592.2	509.0	437.5	370.5	305.7	251.2	206.2	159.1	116.4



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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°	713.0	623.2	540.7	470.7	408.1	347.7	290.2	241.6	198.9	153.9	114.2
-25°	649.7	565.7	495.0	433.9	379.3	325.6	274.0	232.0	190.8	148.8	111.2
-27.5°	587.8	516.3	450.1	399.2	351.4	304.2	258.5	221.7	182.7	142.9	108.3
-30°	530.3	469.2	414.7	365.3	324.8	285.1	245.3	211.4	173.8	137.0	104.6
-32.5°	478.0	428.7	383.0	335.9	299.8	265.9	232.8	201.1	165.0	131.1	100.9
-35°	429.4	391.1	351.4	311.6	274.7	248.2	219.5	190.0	156.9	124.5	97.2
-37.5°	386.0	355.0	323.4	289.5	257.8	231.3	207.0	179.0	148.8	118.6	93.5
-40°	348.4	323.4	295.4	268.1	241.6	216.6	194.5	167.9	140.7	114.2	89.9
-42.5°	313.8	294.6	271.8	249.0	225.4	203.3	181.9	156.2	132.6	109.0	86.2
-45°	287.3	268.1	249.7	229.1	209.2	190.0	168.7	145.8	125.2	103.1	82.5
-47.5°	262.2	245.3	228.3	211.4	195.2	177.5	156.2	137.0	117.1	98.0	79.6
-50°	240.1	223.9	209.2	194.5	180.5	163.5	143.6	128.2	110.5	92.8	75.9
-52.5°	219.5	205.5	190.8	179.0	167.2	150.3	134.1	119.3	103.9	86.9	72.2
-55°	201.1	187.8	174.6	163.5	152.5	137.7	124.5	112.0	97.2	82.5	68.5
-57.5°	183.4	172.4	159.8	149.5	138.5	126.7	115.6	103.9	90.6	78.1	64.8
-60°	167.2	156.9	145.8	135.5	126.0	116.4	106.1	96.5	84.7	72.9	61.1
-62.5°	151.0	142.2	132.6	122.3	114.9	106.1	98.0	88.4	78.8	68.5	54.5
-65°	136.3	128.2	119.3	110.5	103.9	97.2	89.9	81.0	72.9	63.3	48.6
-67.5°	121.5	114.2	106.8	99.4	93.5	88.4	81.0	74.4	67.8	57.5	42.7
-70°	107.5	101.6	95.0	89.1	84.7	78.8	73.7	67.8	61.9	50.1	36.1
-72.5°	94.3	88.4	83.2	78.8	75.1	70.0	65.6	61.1	53.0	42.0	30.2
-75°	78.8	75.1	72.2	68.5	64.8	61.1	57.5	52.3	44.2	33.9	23.6
-77.5°	64.8	62.6	60.4	57.5	54.5	51.6	47.1	42.0	35.4	26.5	19.2
-80°	53.0	50.8	49.4	46.4	44.2	41.2	36.8	32.4	25.8	20.6	15.5
-82.5°	40.5	39.0	37.6	36.1	33.9	30.9	26.5	22.8	19.2	15.5	11.8
-85°	28.7	28.0	26.5	25.0	22.8	20.6	17.7	15.5	13.3	10.3	8.1
-87.5°	14.7	14.0	13.3	12.5	11.8	10.3	8.8	7.4	6.6	5.2	3.7
-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°	2.9	2.2	0.7	0.0
85°	5.9	3.7	1.5	0.0
82.5°	8.8	5.9	2.2	0.0
80°	11.8	7.4	3.7	0.0
77.5°	14.7	8.8	4.4	0.0
75°	17.7	11.0	5.2	0.0
72.5°	19.9	12.5	5.9	0.0
70°	23.6	14.7	6.6	0.0
67.5°	29.5	16.2	7.4	0.0
65°	34.6	17.7	8.1	0.0
62.5°	40.5	19.2	8.8	0.0
60°	45.7	20.6	9.6	0.0
57.5°	50.8	24.3	10.3	0.0
55°	55.2	27.3	11.0	0.0
52.5°	60.4	30.2	11.8	0.0
50°	64.8	33.1	12.5	0.0
47.5°	68.5	36.1	12.5	0.0
45°	71.4	38.3	13.3	0.0
42.5°	73.7	40.5	14.0	0.0
40°	75.9	42.7	14.7	0.0
37.5°	78.1	44.9	14.7	0.0
35°	80.3	47.1	15.5	0.0
32.5°	82.5	49.4	15.5	0.0
30°	84.0	50.8	16.2	0.0
27.5°	86.2	52.3	16.2	0.0
25°	86.9	53.8	16.9	0.0
22.5°	88.4	54.5	16.9	0.0
20°	89.9	56.0	16.9	0.0
17.5°	90.6	56.7	17.7	0.0
15°	90.6	57.5	18.4	0.0
12.5°	91.3	58.2	18.4	0.0
10°	91.3	59.7	17.7	0.0
7.5°	92.8	58.9	17.7	0.0
5°	92.1	58.9	17.7	0.0
2.5°	91.3	58.2	17.7	0.0
0°	90.6	58.2	17.7	0.0
-2.5°	90.6	58.2	17.7	0.0
-5°	90.6	58.2	17.7	0.0
-7.5°	89.9	58.9	17.7	0.0
-10°	88.4	58.9	17.7	0.0
-12.5°	87.7	56.7	17.7	0.0
-15°	86.9	56.0	17.7	0.0
-17.5°	85.4	55.2	16.9	0.0
-20°	84.0	54.5	16.9	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	82.5	53.0	16.9	0.0
-25°	81.0	51.6	16.2	0.0
-27.5°	79.6	50.1	16.2	0.0
-30°	77.3	48.6	15.5	0.0
-32.5°	75.1	47.1	15.5	0.0
-35°	73.7	44.9	14.7	0.0
-37.5°	71.4	42.7	14.7	0.0
-40°	69.2	40.5	14.0	0.0
-42.5°	67.0	38.3	13.3	0.0
-45°	64.1	36.1	13.3	0.0
-47.5°	61.9	33.9	12.5	0.0
-50°	58.2	30.9	11.8	0.0
-52.5°	53.8	28.0	11.0	0.0
-55°	49.4	25.8	10.3	0.0
-57.5°	44.9	22.8	10.3	0.0
-60°	40.5	19.9	9.6	0.0
-62.5°	36.1	18.4	8.8	0.0
-65°	31.7	16.9	8.1	0.0
-67.5°	26.5	14.7	7.4	0.0
-70°	22.1	13.3	6.6	0.0
-72.5°	19.2	11.8	5.9	0.0
-75°	16.2	10.3	5.2	0.0
-77.5°	14.0	8.8	4.4	0.0
-80°	11.0	6.6	2.9	0.0
-82.5°	8.1	5.2	2.2	0.0
-85°	5.2	3.7	1.5	0.0
-87.5°	2.9	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)