

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: P722278

Luminaire Tested: **IFLD-S-SA2A-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722278
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

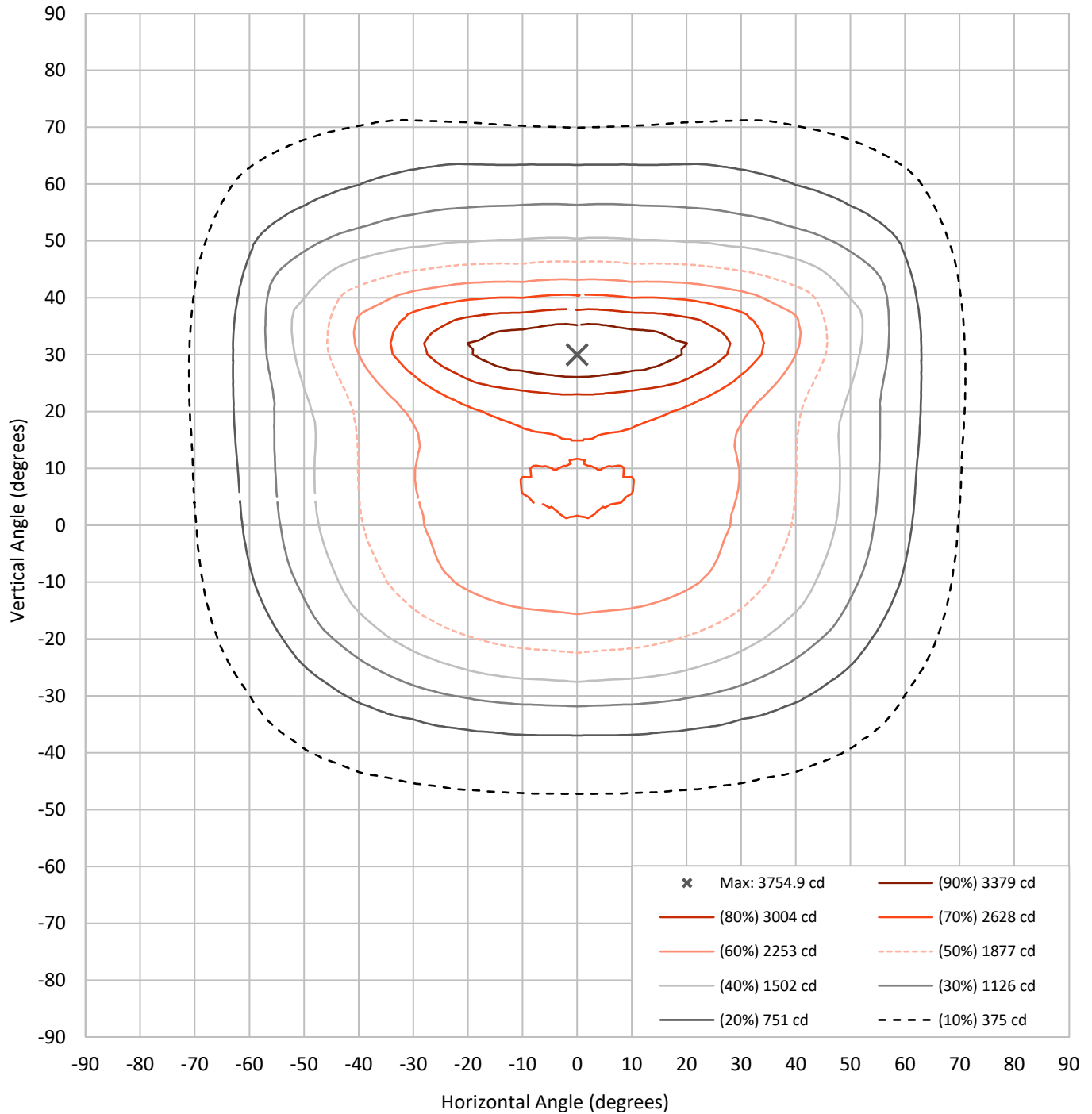
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	6267.8 lumens	Max Intensity:	3754.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	3644.8 lumens	Field Lumens:	5873.7 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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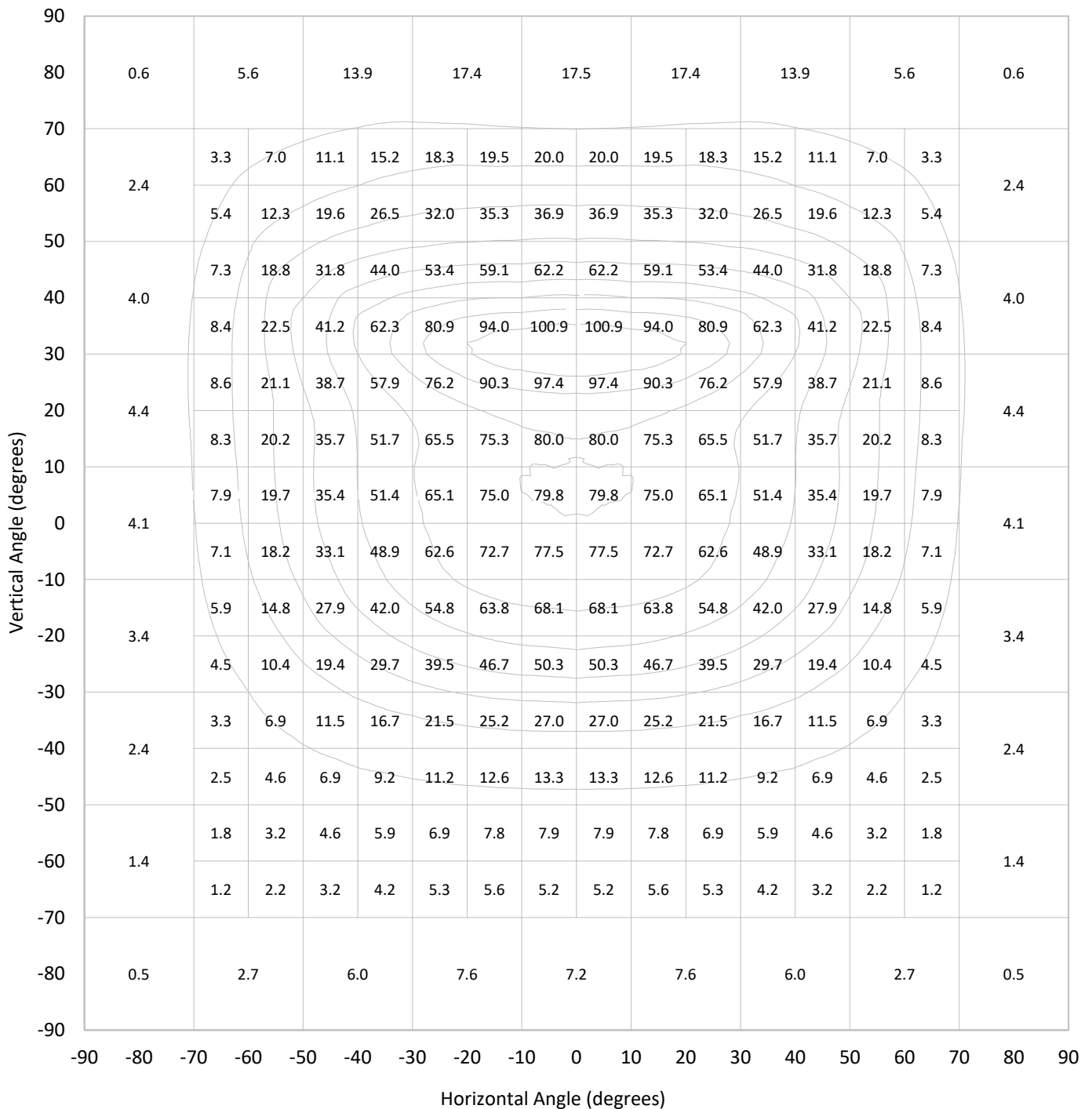
Iso-Candela Plot





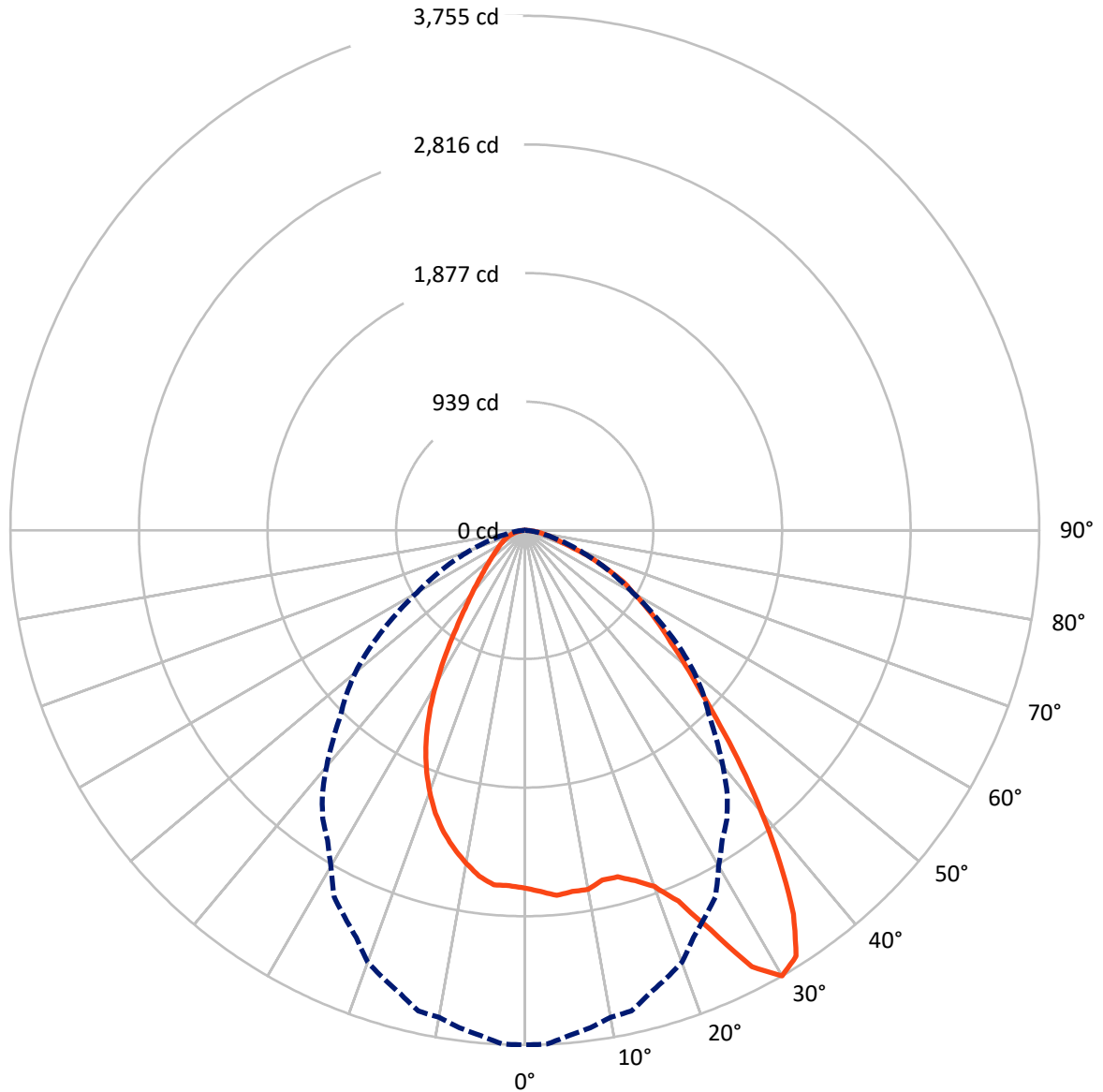
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Lumen Table



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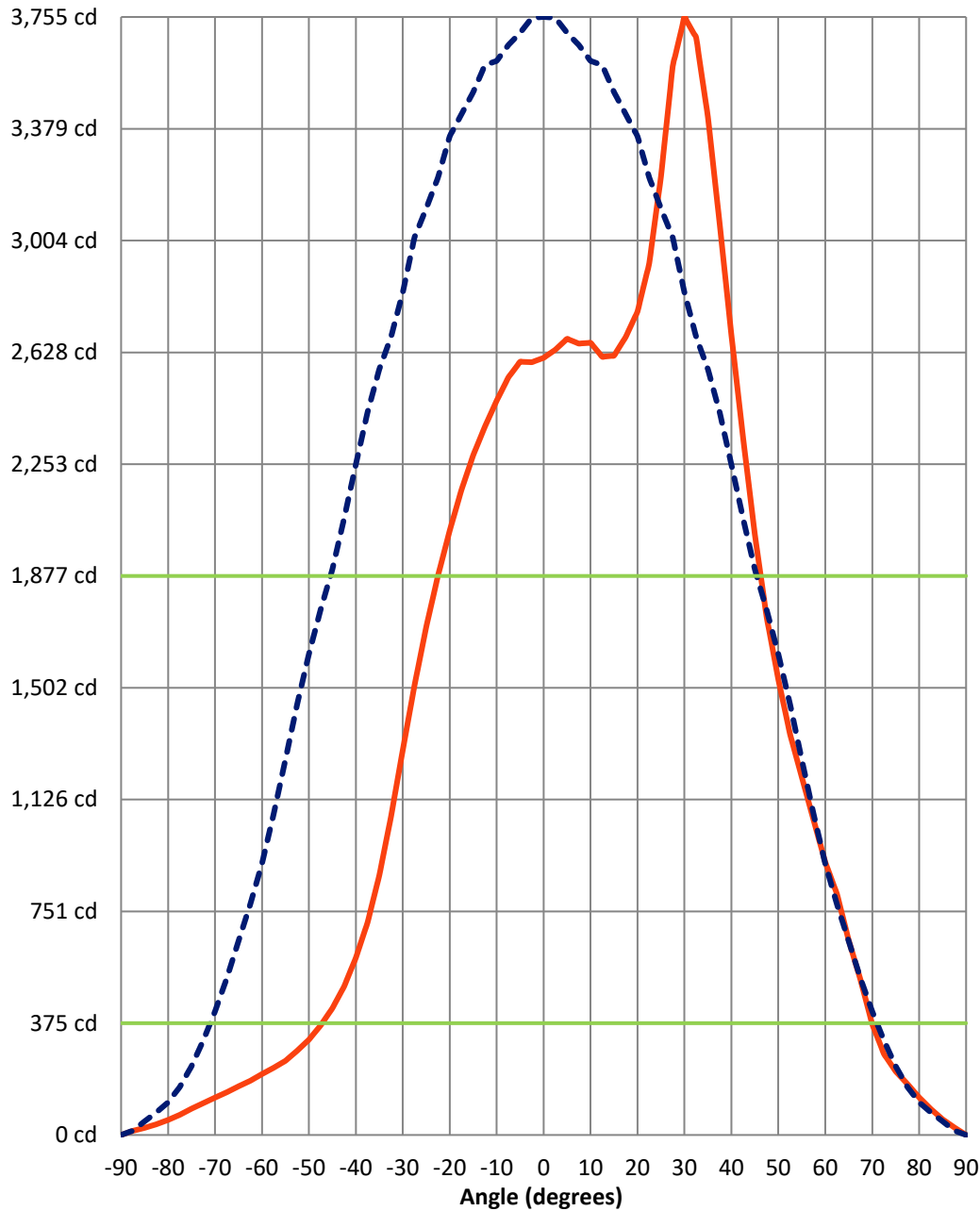
Luminous Intensity Polar Plot



— 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: 3644.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 5873.7
 Efficiency: 93.7%

Spill:
 Lumens: 394.1
 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°	25.2	25.9	26.6	26.6	25.9	25.9	25.9	25.2	25.9	25.9	25.9
85°	52.5	53.8	55.1	54.4	53.8	52.5	51.1	51.8	52.5	53.1	53.1
82.5°	87.0	89.0	90.3	89.6	88.3	87.0	85.7	86.3	87.6	88.3	88.3
80°	126.2	126.8	127.5	128.8	126.8	126.8	126.2	128.8	130.1	131.5	132.8
77.5°	171.3	172.0	172.0	172.6	173.3	174.0	174.0	178.6	181.9	183.9	185.9
75°	213.8	215.8	217.8	219.8	222.4	223.8	225.8	232.4	237.7	241.7	245.7
72.5°	272.2	274.9	278.2	282.9	287.5	290.8	295.5	303.4	309.4	313.4	318.1
70°	372.5	375.2	378.5	381.8	386.4	389.8	394.4	404.4	410.3	413.0	415.7
67.5°	521.2	527.9	533.8	527.2	523.9	519.2	520.6	529.9	535.8	539.8	539.2
65°	653.4	658.0	658.0	657.4	654.7	648.7	652.0	663.3	670.0	673.3	663.3
62.5°	808.7	808.7	805.4	810.7	811.4	807.4	805.4	806.1	806.7	808.7	792.1
60°	916.3	922.9	924.9	929.6	930.9	930.9	934.2	936.9	936.9	932.9	913.7
57.5°	1058.4	1071.0	1073.7	1070.4	1063.7	1055.1	1053.8	1049.8	1041.8	1033.8	1024.5
55°	1201.8	1208.5	1207.8	1205.8	1199.2	1189.2	1190.5	1185.2	1172.6	1162.6	1150.0
52.5°	1345.9	1361.8	1364.5	1360.5	1351.2	1340.6	1341.3	1335.3	1322.7	1312.0	1294.8
50°	1529.8	1543.1	1541.8	1535.1	1521.9	1513.9	1514.6	1503.3	1488.7	1485.3	1462.8
47.5°	1740.3	1755.6	1752.9	1743.6	1725.7	1722.4	1725.7	1711.1	1702.5	1695.2	1668.6
45°	2016.5	2034.5	2024.5	2006.6	1978.0	1981.3	1986.0	1983.3	1964.7	1945.5	1911.6
42.5°	2340.6	2351.9	2339.9	2322.0	2286.1	2292.8	2290.1	2274.2	2262.9	2231.0	2187.8
40°	2687.2	2711.7	2693.1	2665.3	2628.1	2638.0	2630.7	2610.1	2583.6	2543.7	2489.3
37.5°	3061.0	3080.3	3059.0	3026.5	2993.3	2989.9	2975.3	2943.5	2905.6	2861.8	2774.8
35°	3418.9	3468.7	3429.5	3377.7	3337.2	3321.9	3308.0	3234.3	3191.1	3120.1	3001.2
32.5°	3685.1	3721.7	3673.2	3619.4	3570.3	3549.0	3499.9	3412.2	3389.0	3239.6	3130.7
30°	3754.9	3752.2	3701.7	3660.6	3607.5	3592.9	3502.6	3428.2	3353.8	3215.7	3112.1
27.5°	3588.9	3572.3	3523.8	3487.9	3435.5	3418.2	3329.2	3289.4	3174.5	3057.7	2970.0
25°	3219.0	3227.7	3191.1	3173.2	3138.7	3101.5	3066.3	3012.5	2940.8	2838.6	2758.2
22.5°	2927.5	2938.8	2923.6	2902.3	2875.7	2855.2	2828.6	2786.8	2717.7	2654.6	2578.9
20°	2765.5	2762.2	2748.9	2733.0	2707.8	2693.1	2663.9	2628.7	2575.6	2521.2	2439.5
17.5°	2680.5	2659.9	2647.3	2641.4	2628.1	2609.5	2575.0	2539.1	2497.9	2436.2	2376.4
15°	2617.5	2620.8	2610.8	2606.2	2595.5	2569.6	2534.5	2505.2	2449.5	2418.3	2363.8
12.5°	2613.5	2610.1	2610.8	2608.8	2595.5	2562.3	2544.4	2507.2	2471.4	2430.2	2367.8
10°	2660.6	2625.4	2628.1	2637.4	2616.1	2589.6	2570.3	2529.8	2495.9	2443.5	2381.7
7.5°	2658.0	2640.0	2645.3	2630.1	2636.7	2604.2	2577.6	2537.1	2494.6	2438.8	2383.1
5°	2673.9	2646.7	2642.0	2643.3	2626.7	2602.2	2566.3	2527.8	2488.0	2425.6	2368.5
2.5°	2637.4	2641.4	2620.1	2612.1	2610.1	2569.0	2535.8	2498.6	2457.4	2402.3	2351.2
0°	2610.1	2617.5	2595.5	2584.3	2583.6	2548.4	2527.1	2484.7	2455.4	2409.6	2347.9
-2.5°	2595.5	2604.2	2606.8	2586.2	2566.3	2539.1	2503.2	2457.4	2409.6	2356.5	2303.4
-5°	2596.9	2579.6	2572.3	2578.9	2561.7	2534.5	2494.6	2454.1	2407.0	2349.9	2283.5
-7.5°	2544.4	2527.1	2525.8	2522.5	2518.5	2492.6	2459.4	2415.6	2367.8	2314.7	2252.9
-10°	2466.1	2453.4	2450.1	2446.8	2436.2	2420.9	2389.7	2349.9	2306.7	2253.6	2187.8
-12.5°	2379.1	2373.1	2360.5	2351.9	2341.2	2323.3	2293.4	2256.9	2213.7	2166.6	2110.2
-15°	2282.8	2271.5	2258.9	2251.6	2236.3	2215.1	2185.2	2151.3	2104.2	2057.7	2004.6
-17.5°	2166.6	2152.7	2138.7	2136.7	2126.1	2093.6	2065.7	2024.5	1983.3	1938.9	1887.1
-20°	2029.8	2010.6	2001.3	1996.0	1981.3	1957.4	1927.6	1889.7	1849.9	1807.4	1747.6



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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°	1878.4	1861.8	1845.9	1835.9	1823.3	1804.7	1776.2	1743.0	1703.8	1656.0	1600.9
-25°	1706.5	1683.2	1673.3	1662.0	1655.3	1638.1	1610.2	1579.6	1539.1	1492.7	1440.2
-27.5°	1509.9	1491.3	1486.0	1470.1	1462.1	1444.2	1420.9	1392.4	1355.2	1311.4	1268.2
-30°	1292.8	1281.5	1272.9	1256.9	1251.0	1231.7	1216.4	1192.5	1158.7	1127.5	1092.9
-32.5°	1069.7	1058.4	1055.7	1048.4	1044.5	1031.8	1014.6	997.3	970.1	946.9	919.0
-35°	871.8	863.9	864.5	863.9	859.9	850.6	829.3	824.7	804.8	783.5	765.6
-37.5°	713.8	714.5	713.8	713.1	707.8	703.8	688.6	682.6	670.6	650.0	639.4
-40°	594.9	596.3	595.6	594.3	588.3	586.3	576.3	568.4	563.7	549.1	537.8
-42.5°	498.7	500.6	500.0	499.3	495.3	494.7	489.4	480.1	477.4	468.8	456.8
-45°	425.6	425.0	423.6	425.0	423.0	421.0	417.7	411.7	408.4	404.4	394.4
-47.5°	367.9	368.5	367.2	367.2	364.5	362.5	361.2	357.2	354.6	351.3	345.3
-50°	320.0	322.7	322.0	321.4	319.4	318.1	318.1	314.1	310.1	308.8	304.8
-52.5°	282.9	284.9	285.5	286.8	287.5	288.2	286.2	282.2	275.6	274.9	272.9
-55°	249.0	255.0	259.0	261.6	264.3	266.3	262.3	257.0	250.3	247.7	247.0
-57.5°	225.8	231.7	236.4	240.4	243.7	247.0	243.0	237.7	231.7	228.4	227.7
-60°	204.5	209.8	214.5	219.8	224.4	229.7	227.7	223.8	220.4	217.8	215.1
-62.5°	181.9	187.2	192.6	199.2	205.2	210.5	211.1	210.5	209.8	210.5	205.8
-65°	163.3	166.0	169.3	176.6	183.3	189.2	192.6	194.5	197.9	201.2	196.5
-67.5°	143.4	146.7	150.7	156.0	161.3	165.3	170.0	175.3	180.6	185.9	182.6
-70°	125.5	128.2	131.5	134.1	137.4	140.1	144.1	150.1	156.0	161.3	160.0
-72.5°	106.9	109.6	111.6	112.9	114.9	116.2	118.2	123.5	127.5	130.1	130.1
-75°	88.3	91.0	93.0	93.6	95.0	95.6	96.9	98.9	100.9	101.6	102.3
-77.5°	67.7	70.4	72.4	73.7	75.0	76.4	77.0	78.4	79.0	79.0	79.7
-80°	50.5	52.5	53.8	55.8	56.4	57.8	59.1	59.8	60.4	60.4	61.1
-82.5°	35.9	37.2	38.5	39.8	41.2	41.8	43.2	43.8	44.5	45.2	45.8
-85°	23.9	25.2	26.6	27.9	28.6	29.2	29.9	30.5	31.2	31.9	32.5
-87.5°	13.9	14.6	15.3	16.6	17.3	18.6	19.3	18.6	19.3	19.3	19.3
-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°	25.9	25.9	25.9	25.9	25.2	23.9	23.2	21.9	20.6	19.3	17.9
85°	53.8	54.4	54.4	54.4	53.1	52.5	50.5	48.5	45.8	41.8	38.5
82.5°	89.6	90.3	90.3	89.6	88.3	86.3	83.7	80.3	75.0	69.7	65.1
80°	134.8	135.5	135.5	134.8	131.5	128.2	124.8	120.8	114.2	106.9	98.9
77.5°	188.6	189.9	189.9	187.9	183.3	179.3	174.0	167.3	157.4	146.7	136.1
75°	251.0	254.3	255.0	253.0	247.0	239.7	231.1	219.8	204.5	191.2	178.6
72.5°	323.4	326.7	329.3	326.7	318.1	308.1	295.5	282.2	266.9	249.0	227.7
70°	418.3	421.6	423.6	415.0	399.7	383.1	367.9	352.6	334.7	312.7	289.5
67.5°	537.8	534.5	530.5	513.3	494.0	474.1	452.8	430.3	407.0	383.8	356.6
65°	652.7	643.4	634.8	614.2	589.6	563.7	539.2	513.9	486.0	456.8	430.9
62.5°	773.5	753.6	732.4	707.2	681.9	653.4	628.8	598.9	567.7	531.9	498.7
60°	892.4	868.5	847.3	816.0	782.8	744.3	717.8	688.6	652.0	613.5	574.4
57.5°	1007.3	981.4	958.1	930.9	895.1	853.2	824.0	786.2	747.7	699.2	659.3
55°	1129.4	1103.6	1085.0	1054.4	1015.2	976.7	944.9	905.0	851.2	799.4	750.3
52.5°	1269.6	1249.0	1229.0	1197.8	1150.7	1111.5	1076.3	1031.8	975.4	911.7	852.6
50°	1426.3	1415.6	1394.4	1357.9	1304.1	1269.6	1223.1	1164.0	1103.6	1036.5	962.8
47.5°	1634.1	1616.8	1586.9	1547.1	1501.9	1450.2	1387.7	1318.7	1233.0	1158.7	1080.3
45°	1882.4	1850.5	1812.0	1758.2	1702.5	1644.0	1575.6	1488.0	1373.1	1276.2	1193.9
42.5°	2151.3	2108.2	2055.7	1985.3	1913.0	1841.2	1767.5	1648.0	1504.6	1393.1	1300.1
40°	2432.2	2377.1	2311.4	2209.1	2128.8	2036.5	1952.1	1773.5	1620.8	1500.0	1401.0
37.5°	2707.1	2637.4	2527.1	2403.0	2309.4	2233.7	2048.4	1857.2	1720.4	1587.6	1487.3
35°	2917.6	2858.5	2663.9	2535.1	2454.8	2335.3	2103.5	1907.6	1762.9	1652.7	1496.6
32.5°	3042.4	2889.7	2719.0	2588.9	2522.5	2326.6	2107.5	1922.3	1782.8	1659.3	1472.7
30°	3014.5	2829.9	2680.5	2571.6	2427.5	2251.6	2070.3	1899.7	1764.2	1614.8	1446.2
27.5°	2846.5	2703.8	2570.3	2456.8	2315.3	2157.3	1990.0	1839.9	1713.8	1569.0	1409.7
25°	2656.6	2527.1	2428.2	2329.3	2195.2	2044.4	1897.0	1788.8	1662.0	1519.2	1361.8
22.5°	2482.0	2389.0	2311.4	2207.8	2077.0	1945.5	1853.9	1741.6	1611.5	1466.8	1312.7
20°	2370.4	2307.4	2218.4	2104.2	2001.3	1918.9	1817.3	1698.5	1564.4	1413.0	1270.9
17.5°	2316.7	2243.6	2144.7	2070.3	1991.3	1901.0	1787.5	1661.3	1518.5	1388.4	1275.5
15°	2288.8	2211.8	2146.7	2073.6	1984.7	1889.7	1763.6	1632.8	1518.5	1398.4	1278.8
12.5°	2294.8	2228.4	2157.3	2077.6	1982.0	1880.4	1766.2	1644.7	1526.5	1405.7	1279.5
10°	2313.3	2243.6	2167.9	2079.6	1983.3	1883.1	1773.5	1652.0	1530.5	1409.0	1278.2
7.5°	2320.0	2244.3	2163.3	2074.3	1980.0	1881.7	1774.8	1654.0	1531.2	1408.3	1274.2
5°	2299.4	2231.0	2152.7	2063.0	1970.7	1875.1	1769.5	1651.3	1525.9	1401.7	1264.2
2.5°	2271.5	2216.4	2141.4	2055.1	1961.4	1865.8	1760.9	1639.4	1513.9	1389.7	1251.6
0°	2266.9	2198.5	2122.8	2045.8	1946.2	1845.2	1741.0	1616.8	1492.0	1367.2	1229.7
-2.5°	2236.3	2163.9	2088.3	2004.6	1916.9	1815.4	1705.8	1584.3	1460.8	1337.9	1205.8
-5°	2213.1	2132.7	2052.4	1962.1	1873.8	1772.2	1658.6	1540.5	1419.6	1300.1	1172.6
-7.5°	2181.9	2099.5	2015.2	1920.9	1825.3	1721.7	1609.5	1491.3	1372.5	1253.6	1131.4
-10°	2118.8	2046.4	1967.4	1869.8	1768.9	1665.3	1553.7	1437.5	1318.7	1198.5	1075.7
-12.5°	2042.4	1966.1	1879.8	1790.1	1699.8	1603.5	1492.0	1377.8	1258.3	1137.4	1015.2
-15°	1943.5	1868.5	1780.2	1692.5	1605.5	1513.2	1415.0	1312.0	1190.5	1071.7	949.5
-17.5°	1820.0	1749.6	1670.6	1586.9	1500.6	1407.7	1312.0	1225.1	1111.5	1000.0	879.1
-20°	1687.2	1621.5	1550.4	1471.4	1385.1	1294.1	1203.8	1112.8	1014.6	916.3	804.1



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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°	1549.1	1482.7	1411.0	1337.3	1257.6	1173.3	1089.6	1002.6	916.3	827.3	732.4
-25°	1389.7	1331.3	1265.6	1193.9	1122.8	1049.1	969.4	890.4	816.7	739.7	662.0
-27.5°	1223.1	1169.3	1109.5	1047.1	986.0	924.3	855.2	782.2	721.1	657.4	592.9
-30°	1047.8	1004.6	956.1	901.7	854.6	804.8	747.0	686.6	630.8	582.3	530.5
-32.5°	881.8	845.3	810.7	774.9	728.4	689.9	650.0	605.6	556.4	510.6	473.4
-35°	739.0	699.8	685.2	658.7	625.5	591.6	562.4	530.5	493.3	452.8	422.3
-37.5°	618.8	595.6	575.0	560.4	538.5	511.3	488.0	464.8	436.2	405.7	375.2
-40°	525.2	509.3	486.7	479.4	465.5	446.9	423.0	405.0	385.8	362.5	336.6
-42.5°	450.2	438.2	423.6	411.0	405.0	391.8	373.2	355.9	340.6	324.7	304.8
-45°	388.4	380.5	371.2	359.9	355.2	344.6	331.3	312.1	303.4	290.2	275.6
-47.5°	338.6	334.7	328.0	320.7	314.1	306.1	294.1	282.2	270.2	261.6	250.3
-50°	299.5	296.8	292.8	286.8	278.2	272.9	264.9	254.3	243.0	235.7	227.7
-52.5°	268.3	265.6	262.9	258.3	251.7	246.3	239.7	231.1	221.8	214.5	207.8
-55°	244.3	240.4	238.4	234.4	229.1	223.1	217.1	211.1	203.2	196.5	189.9
-57.5°	225.8	220.4	217.8	214.5	209.2	203.2	198.5	192.6	187.2	179.9	174.0
-60°	211.1	205.2	199.9	196.5	191.9	185.9	181.3	176.6	171.3	165.3	158.0
-62.5°	199.2	191.9	184.6	180.6	176.0	170.6	166.0	161.3	156.0	150.1	143.4
-65°	187.9	179.3	170.0	166.0	161.3	156.0	150.1	146.7	142.1	136.8	130.1
-67.5°	174.0	164.7	156.7	152.1	147.4	142.8	137.4	134.1	129.5	122.8	116.2
-70°	153.4	147.4	142.1	138.1	134.1	130.1	124.8	119.5	114.2	108.2	102.3
-72.5°	127.5	125.5	124.8	122.8	118.2	113.5	108.2	102.9	98.3	93.6	89.0
-75°	102.9	104.2	105.6	104.9	100.3	95.6	91.0	86.3	83.0	79.0	75.0
-77.5°	81.7	83.0	84.3	84.3	81.0	78.4	75.0	71.7	69.1	65.7	61.8
-80°	63.1	65.1	67.1	68.4	65.7	63.7	61.1	58.4	55.8	53.1	50.5
-82.5°	47.8	49.8	51.8	53.1	51.1	49.8	47.8	45.8	43.8	41.2	39.2
-85°	34.5	35.9	37.2	37.8	36.5	35.2	33.9	32.5	31.2	29.2	27.9
-87.5°	19.9	20.6	21.2	21.9	20.6	19.3	18.6	17.3	16.6	15.3	14.6
-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°	16.6	15.3	13.9	13.3	12.0	10.0	8.6	7.3	6.0	4.6	4.0
85°	35.2	31.9	27.9	25.9	23.2	20.6	17.9	15.3	12.6	10.0	7.3
82.5°	60.4	56.4	52.5	47.8	41.8	34.5	27.2	22.6	18.6	14.6	11.3
80°	91.0	83.7	77.0	71.0	64.4	55.1	45.2	35.9	25.2	19.3	14.6
77.5°	126.2	117.5	108.2	98.3	87.6	75.0	63.7	51.8	39.2	26.6	18.6
75°	166.0	154.7	142.1	128.2	114.2	97.6	81.7	67.7	53.1	37.2	22.6
72.5°	210.5	196.5	181.3	162.7	140.8	121.5	102.3	83.7	66.4	47.1	30.5
70°	267.6	245.7	223.1	203.2	175.3	144.7	122.2	100.9	79.0	57.8	38.5
67.5°	328.7	302.1	274.9	245.7	210.5	174.6	142.1	118.2	92.3	67.7	45.8
65°	395.1	361.9	327.3	294.8	246.3	203.8	167.3	134.8	104.9	77.0	53.1
62.5°	463.5	424.3	384.5	342.0	286.2	233.7	191.2	153.4	116.9	85.7	59.8
60°	536.5	490.7	442.2	389.1	324.0	266.3	213.8	172.6	129.5	94.3	67.1
57.5°	613.5	563.7	506.6	434.9	363.2	297.5	239.7	189.9	140.8	102.3	72.4
55°	697.2	640.1	577.7	482.7	401.7	328.7	265.6	207.2	152.7	108.9	77.7
52.5°	787.5	721.1	642.1	533.2	442.2	360.5	289.5	222.4	164.0	116.2	82.3
50°	888.4	804.8	698.5	579.7	477.4	390.4	313.4	239.0	173.3	124.2	86.3
47.5°	993.3	903.0	749.0	622.8	513.3	419.6	338.0	253.6	182.6	130.8	90.3
45°	1102.9	971.4	801.4	661.3	544.5	446.2	356.6	266.9	193.9	136.8	93.6
42.5°	1211.1	1023.2	847.3	699.8	573.7	470.1	371.8	279.5	203.2	142.8	96.9
40°	1262.2	1062.4	883.8	726.4	598.3	491.4	385.1	290.8	211.1	146.7	100.3
37.5°	1283.5	1086.3	907.7	751.6	617.5	502.6	396.4	300.8	217.8	150.7	102.9
35°	1288.1	1094.9	919.6	768.9	633.4	513.3	405.0	308.1	223.1	154.7	105.6
32.5°	1279.5	1092.3	922.9	774.9	643.4	521.2	411.0	313.4	227.1	158.7	108.2
30°	1260.3	1078.3	911.0	774.2	650.7	525.9	415.0	317.4	231.1	161.3	109.6
27.5°	1229.0	1053.8	895.7	774.9	654.7	527.9	417.0	319.4	233.7	163.3	112.2
25°	1190.5	1020.6	896.4	773.5	655.4	528.5	417.0	319.4	234.4	164.0	114.2
22.5°	1146.0	1020.6	896.4	771.6	651.4	527.2	415.0	318.1	234.4	165.3	116.2
20°	1148.7	1021.2	894.4	767.6	645.4	523.2	410.3	314.7	232.4	167.3	117.5
17.5°	1150.7	1019.9	890.4	762.3	637.4	516.6	404.4	310.1	232.4	169.3	118.2
15°	1150.7	1015.9	884.4	754.3	627.5	507.3	395.7	306.1	233.1	170.0	119.5
12.5°	1148.7	1008.6	875.1	743.7	615.5	496.0	390.4	304.8	233.1	170.6	119.5
10°	1144.7	998.6	863.2	730.4	604.2	492.0	387.8	302.1	231.7	170.6	119.5
7.5°	1137.4	986.7	853.2	722.4	597.6	487.4	383.8	298.1	229.7	169.3	120.8
5°	1126.1	980.1	845.3	713.1	588.3	484.0	381.1	294.8	228.4	169.3	119.5
2.5°	1111.5	972.1	836.0	701.2	577.7	472.8	372.5	287.5	223.8	166.7	118.2
0°	1087.6	956.1	820.0	684.6	563.1	461.5	363.9	280.2	219.1	164.0	116.9
-2.5°	1065.7	934.9	799.4	667.3	549.1	451.5	357.2	276.2	217.1	163.3	116.2
-5°	1035.2	905.7	772.2	644.7	530.5	441.6	350.6	271.6	215.1	162.0	116.2
-7.5°	1001.3	875.1	743.7	621.5	511.9	424.3	338.0	264.3	210.5	159.4	115.5
-10°	948.8	829.3	707.8	594.9	492.0	409.0	327.3	257.6	206.5	156.7	112.9
-12.5°	893.1	778.9	666.6	562.4	469.4	393.1	315.4	250.3	201.9	154.0	111.6
-15°	834.0	727.1	623.5	528.5	444.9	373.8	302.8	242.4	197.2	150.7	109.6
-17.5°	772.2	672.6	579.0	494.0	420.3	353.9	289.5	235.1	191.9	147.4	107.6
-20°	707.2	616.8	533.8	458.8	394.4	334.0	275.6	226.4	185.9	143.4	104.9



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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°	642.7	561.7	487.4	424.3	367.9	313.4	261.6	217.8	179.3	138.8	102.9
-25°	585.6	509.9	446.2	391.1	342.0	293.5	247.0	209.2	172.0	134.1	100.3
-27.5°	529.9	465.5	405.7	359.9	316.7	274.2	233.1	199.9	164.7	128.8	97.6
-30°	478.1	423.0	373.8	329.3	292.8	257.0	221.1	190.6	156.7	123.5	94.3
-32.5°	430.9	386.4	345.3	302.8	270.2	239.7	209.8	181.3	148.7	118.2	91.0
-35°	387.1	352.6	316.7	280.9	247.7	223.8	197.9	171.3	141.4	112.2	87.6
-37.5°	347.9	320.0	291.5	260.9	232.4	208.5	186.6	161.3	134.1	106.9	84.3
-40°	314.1	291.5	266.3	241.7	217.8	195.2	175.3	151.4	126.8	102.9	81.0
-42.5°	282.9	265.6	245.0	224.4	203.2	183.3	164.0	140.8	119.5	98.3	77.7
-45°	259.0	241.7	225.1	206.5	188.6	171.3	152.1	131.5	112.9	93.0	74.4
-47.5°	236.4	221.1	205.8	190.6	176.0	160.0	140.8	123.5	105.6	88.3	71.7
-50°	216.5	201.9	188.6	175.3	162.7	147.4	129.5	115.5	99.6	83.7	68.4
-52.5°	197.9	185.3	172.0	161.3	150.7	135.5	120.8	107.6	93.6	78.4	65.1
-55°	181.3	169.3	157.4	147.4	137.4	124.2	112.2	100.9	87.6	74.4	61.8
-57.5°	165.3	155.4	144.1	134.8	124.8	114.2	104.2	93.6	81.7	70.4	58.4
-60°	150.7	141.4	131.5	122.2	113.5	104.9	95.6	87.0	76.4	65.7	55.1
-62.5°	136.1	128.2	119.5	110.2	103.6	95.6	88.3	79.7	71.0	61.8	49.1
-65°	122.8	115.5	107.6	99.6	93.6	87.6	81.0	73.0	65.7	57.1	43.8
-67.5°	109.6	102.9	96.3	89.6	84.3	79.7	73.0	67.1	61.1	51.8	38.5
-70°	96.9	91.6	85.7	80.3	76.4	71.0	66.4	61.1	55.8	45.2	32.5
-72.5°	85.0	79.7	75.0	71.0	67.7	63.1	59.1	55.1	47.8	37.8	27.2
-75°	71.0	67.7	65.1	61.8	58.4	55.1	51.8	47.1	39.8	30.5	21.2
-77.5°	58.4	56.4	54.4	51.8	49.1	46.5	42.5	37.8	31.9	23.9	17.3
-80°	47.8	45.8	44.5	41.8	39.8	37.2	33.2	29.2	23.2	18.6	13.9
-82.5°	36.5	35.2	33.9	32.5	30.5	27.9	23.9	20.6	17.3	13.9	10.6
-85°	25.9	25.2	23.9	22.6	20.6	18.6	15.9	13.9	12.0	9.3	7.3
-87.5°	13.3	12.6	12.0	11.3	10.6	9.3	8.0	6.6	6.0	4.6	3.3
-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°	2.7	2.0	0.7	0.0
85°	5.3	3.3	1.3	0.0
82.5°	8.0	5.3	2.0	0.0
80°	10.6	6.6	3.3	0.0
77.5°	13.3	8.0	4.0	0.0
75°	15.9	10.0	4.6	0.0
72.5°	17.9	11.3	5.3	0.0
70°	21.2	13.3	6.0	0.0
67.5°	26.6	14.6	6.6	0.0
65°	31.2	15.9	7.3	0.0
62.5°	36.5	17.3	8.0	0.0
60°	41.2	18.6	8.6	0.0
57.5°	45.8	21.9	9.3	0.0
55°	49.8	24.6	10.0	0.0
52.5°	54.4	27.2	10.6	0.0
50°	58.4	29.9	11.3	0.0
47.5°	61.8	32.5	11.3	0.0
45°	64.4	34.5	12.0	0.0
42.5°	66.4	36.5	12.6	0.0
40°	68.4	38.5	13.3	0.0
37.5°	70.4	40.5	13.3	0.0
35°	72.4	42.5	13.9	0.0
32.5°	74.4	44.5	13.9	0.0
30°	75.7	45.8	14.6	0.0
27.5°	77.7	47.1	14.6	0.0
25°	78.4	48.5	15.3	0.0
22.5°	79.7	49.1	15.3	0.0
20°	81.0	50.5	15.3	0.0
17.5°	81.7	51.1	15.9	0.0
15°	81.7	51.8	16.6	0.0
12.5°	82.3	52.5	16.6	0.0
10°	82.3	53.8	15.9	0.0
7.5°	83.7	53.1	15.9	0.0
5°	83.0	53.1	15.9	0.0
2.5°	82.3	52.5	15.9	0.0
0°	81.7	52.5	15.9	0.0
-2.5°	81.7	52.5	15.9	0.0
-5°	81.7	52.5	15.9	0.0
-7.5°	81.0	53.1	15.9	0.0
-10°	79.7	53.1	15.9	0.0
-12.5°	79.0	51.1	15.9	0.0
-15°	78.4	50.5	15.9	0.0
-17.5°	77.0	49.8	15.3	0.0
-20°	75.7	49.1	15.3	0.0



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CATALOG NUMBER: IFLD-S-SA2A-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	74.4	47.8	15.3	0.0
-25°	73.0	46.5	14.6	0.0
-27.5°	71.7	45.2	14.6	0.0
-30°	69.7	43.8	13.9	0.0
-32.5°	67.7	42.5	13.9	0.0
-35°	66.4	40.5	13.3	0.0
-37.5°	64.4	38.5	13.3	0.0
-40°	62.4	36.5	12.6	0.0
-42.5°	60.4	34.5	12.0	0.0
-45°	57.8	32.5	12.0	0.0
-47.5°	55.8	30.5	11.3	0.0
-50°	52.5	27.9	10.6	0.0
-52.5°	48.5	25.2	10.0	0.0
-55°	44.5	23.2	9.3	0.0
-57.5°	40.5	20.6	9.3	0.0
-60°	36.5	17.9	8.6	0.0
-62.5°	32.5	16.6	8.0	0.0
-65°	28.6	15.3	7.3	0.0
-67.5°	23.9	13.3	6.6	0.0
-70°	19.9	12.0	6.0	0.0
-72.5°	17.3	10.6	5.3	0.0
-75°	14.6	9.3	4.6	0.0
-77.5°	12.6	8.0	4.0	0.0
-80°	10.0	6.0	2.7	0.0
-82.5°	7.3	4.6	2.0	0.0
-85°	4.6	3.3	1.3	0.0
-87.5°	2.7	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)