

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: P722249

Luminaire Tested: **IFLD-S-SA2A-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722249
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

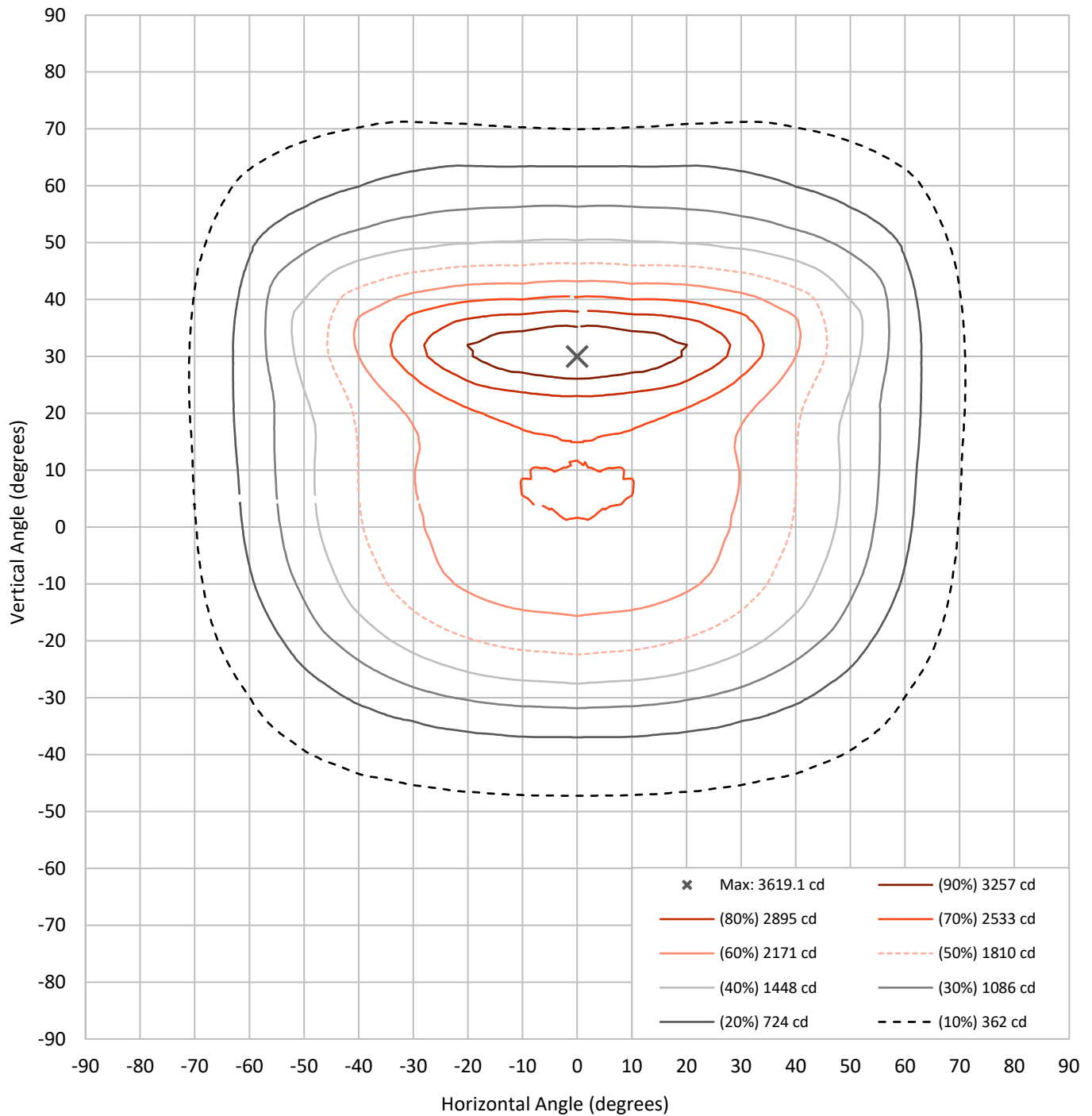
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 6041.3 lumens	Max Intensity: 3619.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 94.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 3513.1 lumens	Field Lumens: 5661.4 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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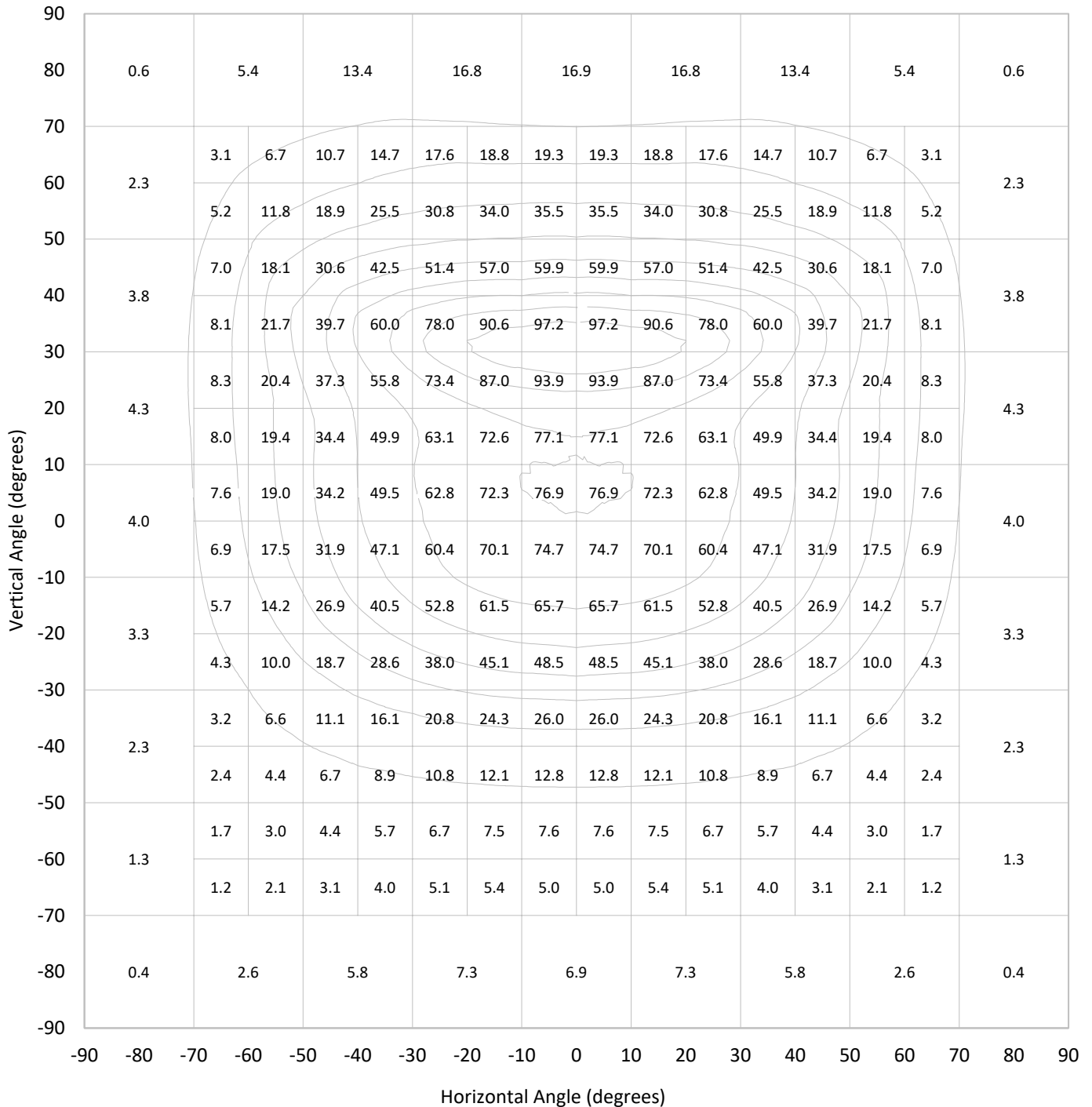
Iso-Candela Plot





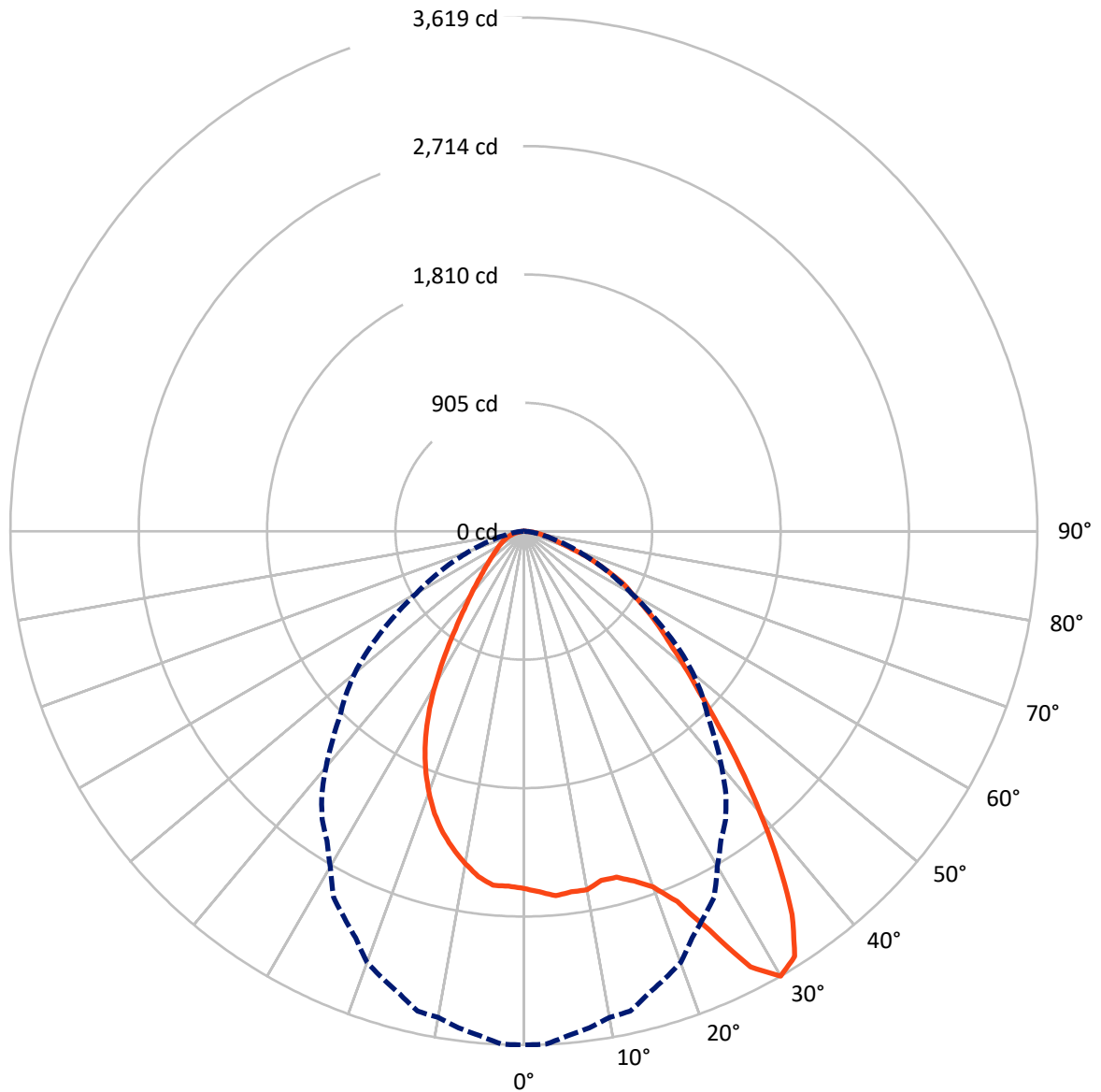
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Lumen Table



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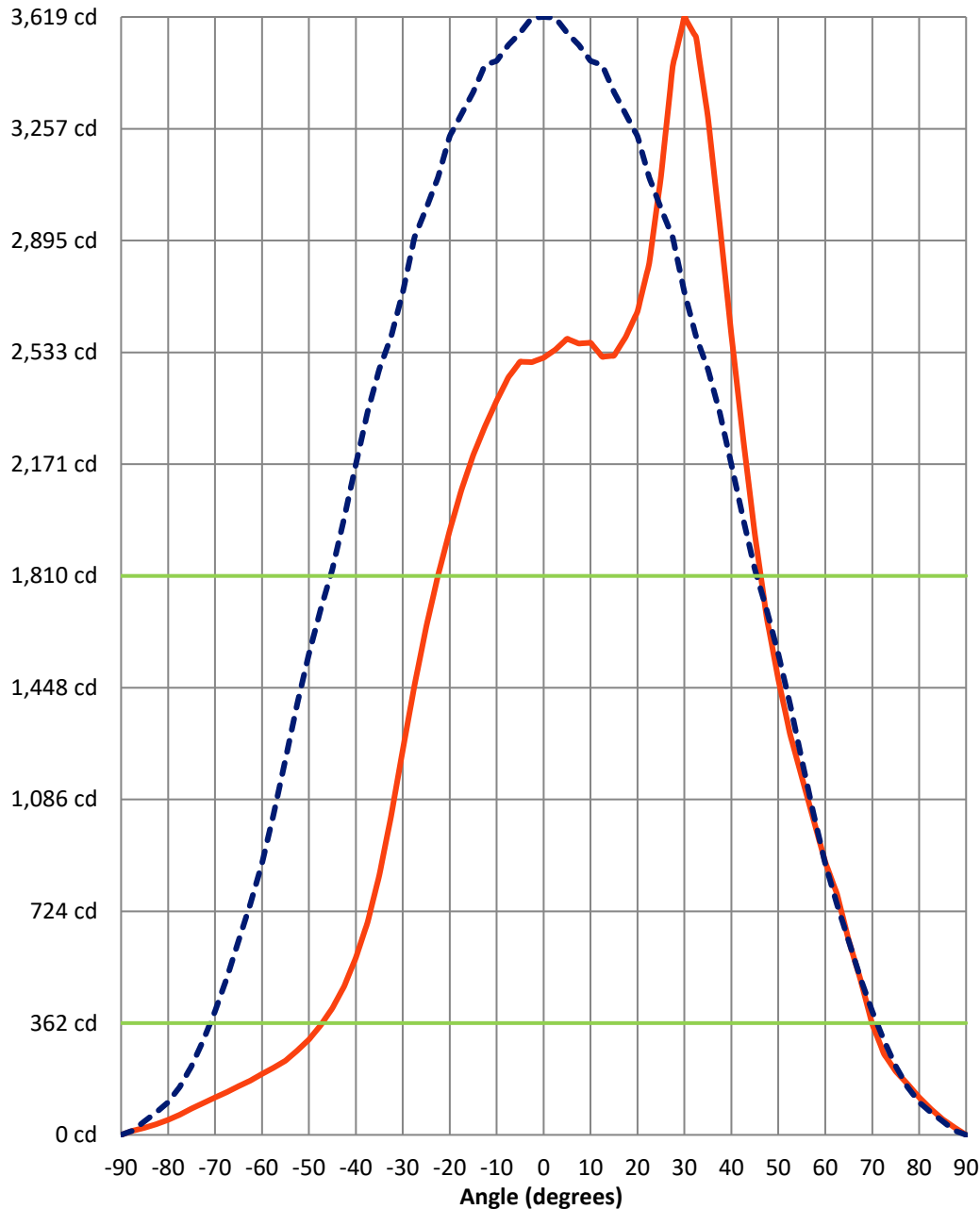
Luminous Intensity Polar Plot



— 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: 3513.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 5661.4
 Efficiency: 93.7%

Spill:
 Lumens: 379.8
 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°	24.3	25.0	25.6	25.6	25.0	25.0	25.0	24.3	25.0	25.0	25.0
85°	50.6	51.8	53.1	52.5	51.8	50.6	49.3	49.9	50.6	51.2	51.2
82.5°	83.8	85.8	87.0	86.4	85.1	83.8	82.6	83.2	84.5	85.1	85.1
80°	121.6	122.2	122.9	124.2	122.2	122.2	121.6	124.2	125.4	126.7	128.0
77.5°	165.1	165.8	165.8	166.4	167.0	167.7	167.7	172.2	175.4	177.3	179.2
75°	206.1	208.0	209.9	211.8	214.4	215.7	217.6	224.0	229.1	233.0	236.8
72.5°	262.4	265.0	268.2	272.6	277.1	280.3	284.8	292.5	298.2	302.1	306.6
70°	359.0	361.6	364.8	368.0	372.5	375.7	380.2	389.8	395.5	398.1	400.6
67.5°	502.4	508.8	514.6	508.2	505.0	500.5	501.8	510.7	516.5	520.3	519.7
65°	629.8	634.2	634.2	633.6	631.0	625.3	628.5	639.4	645.8	649.0	639.4
62.5°	779.5	779.5	776.3	781.4	782.1	778.2	776.3	776.9	777.6	779.5	763.5
60°	883.2	889.6	891.5	896.0	897.3	897.3	900.5	903.0	903.0	899.2	880.6
57.5°	1020.1	1032.3	1034.9	1031.7	1025.3	1016.9	1015.7	1011.8	1004.1	996.5	987.5
55°	1158.4	1164.8	1164.1	1162.2	1155.8	1146.2	1147.5	1142.4	1130.2	1120.6	1108.5
52.5°	1297.3	1312.6	1315.2	1311.3	1302.4	1292.1	1292.8	1287.0	1274.9	1264.6	1248.0
50°	1474.5	1487.3	1486.1	1479.7	1466.9	1459.2	1459.8	1448.9	1434.9	1431.7	1409.9
47.5°	1677.4	1692.1	1689.6	1680.6	1663.3	1660.1	1663.3	1649.3	1640.9	1633.9	1608.3
45°	1943.7	1960.9	1951.3	1934.1	1906.5	1909.7	1914.2	1911.7	1893.7	1875.2	1842.5
42.5°	2256.0	2266.8	2255.3	2238.0	2203.5	2209.9	2207.3	2192.0	2181.1	2150.4	2108.8
40°	2590.0	2613.7	2595.8	2568.9	2533.1	2542.7	2535.6	2515.8	2490.2	2451.8	2399.3
37.5°	2950.4	2968.9	2948.4	2917.1	2885.1	2881.9	2867.8	2837.1	2800.6	2758.4	2674.5
35°	3295.3	3343.3	3305.6	3255.6	3216.6	3201.9	3188.4	3117.4	3075.8	3007.3	2892.8
32.5°	3552.0	3587.1	3540.4	3488.6	3441.2	3420.8	3373.4	3288.9	3266.5	3122.5	3017.6
30°	3619.1	3616.6	3567.9	3528.3	3477.1	3463.0	3376.0	3304.3	3232.6	3099.5	2999.6
27.5°	3459.2	3443.2	3396.4	3361.9	3311.3	3294.7	3208.9	3170.5	3059.8	2947.2	2862.7
25°	3102.7	3111.0	3075.8	3058.5	3025.2	2989.4	2955.5	2903.6	2834.5	2736.0	2658.5
22.5°	2821.7	2832.6	2817.9	2797.4	2771.8	2752.0	2726.4	2686.0	2619.5	2558.7	2485.7
20°	2665.6	2662.4	2649.6	2634.2	2609.9	2595.8	2567.6	2533.7	2482.5	2430.0	2351.3
17.5°	2583.6	2563.8	2551.6	2545.9	2533.1	2515.2	2481.9	2447.3	2407.6	2348.1	2290.5
15°	2522.8	2526.0	2516.4	2512.0	2501.7	2476.8	2442.8	2414.7	2360.9	2330.8	2278.4
12.5°	2519.0	2515.8	2516.4	2514.5	2501.7	2469.7	2452.4	2416.6	2382.0	2342.4	2282.2
10°	2564.4	2530.5	2533.1	2542.0	2521.6	2496.0	2477.4	2438.4	2405.7	2355.2	2295.6
7.5°	2561.9	2544.6	2549.7	2535.0	2541.4	2510.0	2484.4	2445.4	2404.4	2350.7	2296.9
5°	2577.2	2551.0	2546.5	2547.8	2531.8	2508.1	2473.6	2436.4	2398.0	2337.9	2282.8
2.5°	2542.0	2545.9	2525.4	2517.7	2515.8	2476.1	2444.1	2408.3	2368.6	2315.5	2266.2
0°	2515.8	2522.8	2501.7	2490.8	2490.2	2456.3	2435.8	2394.8	2366.7	2322.5	2263.0
-2.5°	2501.7	2510.0	2512.6	2492.8	2473.6	2447.3	2412.8	2368.6	2322.5	2271.3	2220.1
-5°	2503.0	2486.4	2479.3	2485.7	2469.1	2442.8	2404.4	2365.4	2320.0	2264.9	2200.9
-7.5°	2452.4	2435.8	2434.5	2431.3	2427.5	2402.5	2370.5	2328.3	2282.2	2231.0	2171.5
-10°	2376.9	2364.8	2361.6	2358.4	2348.1	2333.4	2303.3	2264.9	2223.3	2172.1	2108.8
-12.5°	2293.1	2287.3	2275.2	2266.8	2256.6	2239.3	2210.5	2175.3	2133.7	2088.3	2033.9
-15°	2200.3	2189.4	2177.2	2170.2	2155.5	2135.0	2106.2	2073.6	2028.1	1983.3	1932.1
-17.5°	2088.3	2074.9	2061.4	2059.5	2049.3	2017.9	1991.0	1951.3	1911.7	1868.8	1818.9
-20°	1956.5	1937.9	1928.9	1923.8	1909.7	1886.7	1857.9	1821.4	1783.0	1742.1	1684.5



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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°	1810.5	1794.5	1779.2	1769.6	1757.4	1739.5	1712.0	1680.0	1642.2	1596.1	1543.0
-25°	1644.8	1622.4	1612.8	1601.9	1595.5	1578.9	1552.0	1522.5	1483.5	1438.7	1388.1
-27.5°	1455.3	1437.4	1432.3	1416.9	1409.3	1392.0	1369.6	1342.1	1306.2	1264.0	1222.4
-30°	1246.1	1235.2	1226.9	1211.5	1205.7	1187.2	1172.5	1149.4	1116.8	1086.7	1053.4
-32.5°	1031.0	1020.1	1017.6	1010.5	1006.7	994.5	977.9	961.3	935.0	912.6	885.7
-35°	840.3	832.6	833.3	832.6	828.8	819.8	799.3	794.9	775.7	755.2	737.9
-37.5°	688.0	688.6	688.0	687.4	682.2	678.4	663.7	657.9	646.4	626.6	616.3
-40°	573.4	574.7	574.1	572.8	567.0	565.1	555.5	547.8	543.4	529.3	518.4
-42.5°	480.6	482.6	481.9	481.3	477.4	476.8	471.7	462.7	460.2	451.8	440.3
-45°	410.2	409.6	408.3	409.6	407.7	405.8	402.6	396.8	393.6	389.8	380.2
-47.5°	354.6	355.2	353.9	353.9	351.4	349.4	348.2	344.3	341.8	338.6	332.8
-50°	308.5	311.0	310.4	309.8	307.8	306.6	306.6	302.7	298.9	297.6	293.8
-52.5°	272.6	274.6	275.2	276.5	277.1	277.8	275.8	272.0	265.6	265.0	263.0
-55°	240.0	245.8	249.6	252.2	254.7	256.6	252.8	247.7	241.3	238.7	238.1
-57.5°	217.6	223.4	227.8	231.7	234.9	238.1	234.2	229.1	223.4	220.2	219.5
-60°	197.1	202.2	206.7	211.8	216.3	221.4	219.5	215.7	212.5	209.9	207.4
-62.5°	175.4	180.5	185.6	192.0	197.8	202.9	203.5	202.9	202.2	202.9	198.4
-65°	157.4	160.0	163.2	170.2	176.6	182.4	185.6	187.5	190.7	193.9	189.4
-67.5°	138.2	141.4	145.3	150.4	155.5	159.4	163.8	169.0	174.1	179.2	176.0
-70°	121.0	123.5	126.7	129.3	132.5	135.0	138.9	144.6	150.4	155.5	154.2
-72.5°	103.0	105.6	107.5	108.8	110.7	112.0	113.9	119.0	122.9	125.4	125.4
-75°	85.1	87.7	89.6	90.2	91.5	92.2	93.4	95.4	97.3	97.9	98.6
-77.5°	65.3	67.8	69.8	71.0	72.3	73.6	74.2	75.5	76.2	76.2	76.8
-80°	48.6	50.6	51.8	53.8	54.4	55.7	57.0	57.6	58.2	58.2	58.9
-82.5°	34.6	35.8	37.1	38.4	39.7	40.3	41.6	42.2	42.9	43.5	44.2
-85°	23.0	24.3	25.6	26.9	27.5	28.2	28.8	29.4	30.1	30.7	31.4
-87.5°	13.4	14.1	14.7	16.0	16.6	17.9	18.6	17.9	18.6	18.6	18.6
-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):

	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°	25.0	25.0	25.0	25.0	24.3	23.0	22.4	21.1	19.8	18.6	17.3
85°	51.8	52.5	52.5	52.5	51.2	50.6	48.6	46.7	44.2	40.3	37.1
82.5°	86.4	87.0	87.0	86.4	85.1	83.2	80.6	77.4	72.3	67.2	62.7
80°	129.9	130.6	130.6	129.9	126.7	123.5	120.3	116.5	110.1	103.0	95.4
77.5°	181.8	183.0	183.0	181.1	176.6	172.8	167.7	161.3	151.7	141.4	131.2
75°	241.9	245.1	245.8	243.8	238.1	231.0	222.7	211.8	197.1	184.3	172.2
72.5°	311.7	314.9	317.4	314.9	306.6	297.0	284.8	272.0	257.3	240.0	219.5
70°	403.2	406.4	408.3	400.0	385.3	369.3	354.6	339.8	322.6	301.4	279.0
67.5°	518.4	515.2	511.4	494.7	476.2	457.0	436.5	414.7	392.3	369.9	343.7
65°	629.1	620.2	611.8	592.0	568.3	543.4	519.7	495.4	468.5	440.3	415.4
62.5°	745.6	726.4	705.9	681.6	657.3	629.8	606.1	577.3	547.2	512.6	480.6
60°	860.1	837.1	816.6	786.5	754.5	717.4	691.8	663.7	628.5	591.4	553.6
57.5°	970.9	945.9	923.5	897.3	862.7	822.4	794.2	757.7	720.6	673.9	635.5
55°	1088.6	1063.7	1045.7	1016.3	978.5	941.4	910.7	872.3	820.5	770.5	723.2
52.5°	1223.7	1203.8	1184.6	1154.5	1109.1	1071.3	1037.4	994.5	940.1	878.7	821.7
50°	1374.7	1364.5	1344.0	1308.8	1256.9	1223.7	1178.9	1121.9	1063.7	999.0	928.0
47.5°	1575.0	1558.4	1529.6	1491.2	1447.7	1397.7	1337.6	1271.0	1188.5	1116.8	1041.3
45°	1814.4	1783.7	1746.5	1694.7	1640.9	1584.6	1518.7	1434.2	1323.5	1230.1	1150.7
42.5°	2073.6	2032.0	1981.4	1913.6	1843.8	1774.7	1703.7	1588.5	1450.2	1342.7	1253.1
40°	2344.3	2291.2	2227.8	2129.3	2051.8	1962.9	1881.6	1709.4	1562.2	1445.7	1350.4
37.5°	2609.2	2542.0	2435.8	2316.1	2225.9	2152.9	1974.4	1790.1	1658.2	1530.2	1433.6
35°	2812.1	2755.2	2567.6	2443.5	2366.0	2250.8	2027.5	1838.7	1699.2	1592.9	1442.5
32.5°	2932.4	2785.2	2620.8	2495.3	2431.3	2242.5	2031.3	1852.8	1718.4	1599.3	1419.5
30°	2905.6	2727.6	2583.6	2478.7	2339.8	2170.2	1995.5	1831.0	1700.5	1556.5	1393.9
27.5°	2743.6	2606.0	2477.4	2368.0	2231.6	2079.3	1918.1	1773.4	1651.8	1512.3	1358.7
25°	2560.6	2435.8	2340.4	2245.1	2115.8	1970.5	1828.5	1724.1	1601.9	1464.3	1312.6
22.5°	2392.3	2302.7	2227.8	2128.0	2001.9	1875.2	1786.9	1678.7	1553.3	1413.7	1265.3
20°	2284.8	2224.0	2138.2	2028.1	1928.9	1849.6	1751.7	1637.1	1507.8	1361.9	1224.9
17.5°	2232.9	2162.5	2067.2	1995.5	1919.3	1832.3	1722.9	1601.3	1463.7	1338.2	1229.4
15°	2206.0	2131.8	2069.1	1998.7	1912.9	1821.4	1699.8	1573.7	1463.7	1347.8	1232.6
12.5°	2211.8	2147.8	2079.3	2002.5	1910.4	1812.5	1702.4	1585.3	1471.3	1354.9	1233.3
10°	2229.7	2162.5	2089.6	2004.5	1911.7	1815.0	1709.4	1592.3	1475.2	1358.1	1232.0
7.5°	2236.1	2163.2	2085.1	1999.3	1908.5	1813.7	1710.7	1594.2	1475.8	1357.4	1228.1
5°	2216.3	2150.4	2074.9	1988.5	1899.5	1807.3	1705.6	1591.7	1470.7	1351.0	1218.5
2.5°	2189.4	2136.3	2064.0	1980.8	1890.5	1798.4	1697.3	1580.1	1459.2	1339.5	1206.4
0°	2184.9	2119.0	2046.1	1971.8	1875.8	1778.5	1678.1	1558.4	1438.1	1317.7	1185.3
-2.5°	2155.5	2085.7	2012.8	1932.1	1847.7	1749.7	1644.1	1527.0	1408.0	1289.6	1162.2
-5°	2133.1	2055.7	1978.2	1891.2	1806.1	1708.1	1598.7	1484.8	1368.3	1253.1	1130.2
-7.5°	2103.0	2023.7	1942.4	1851.5	1759.3	1659.5	1551.3	1437.4	1322.9	1208.3	1090.5
-10°	2042.2	1972.5	1896.3	1802.2	1704.9	1605.1	1497.6	1385.6	1271.0	1155.2	1036.8
-12.5°	1968.6	1895.0	1811.8	1725.4	1638.4	1545.6	1438.1	1328.0	1212.8	1096.3	978.5
-15°	1873.3	1800.9	1715.8	1631.3	1547.5	1458.5	1363.8	1264.6	1147.5	1032.9	915.2
-17.5°	1754.2	1686.4	1610.2	1529.6	1446.4	1356.8	1264.6	1180.8	1071.3	963.8	847.3
-20°	1626.2	1562.9	1494.4	1418.2	1335.0	1247.3	1160.3	1072.6	977.9	883.2	775.0



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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°	1493.1	1429.1	1360.0	1288.9	1212.1	1130.9	1050.2	966.4	883.2	797.4	705.9
-25°	1339.5	1283.2	1219.8	1150.7	1082.2	1011.2	934.4	858.2	787.2	712.9	638.1
-27.5°	1178.9	1127.0	1069.4	1009.3	950.4	890.9	824.3	753.9	695.0	633.6	571.5
-30°	1009.9	968.3	921.6	869.1	823.7	775.7	720.0	661.8	608.0	561.3	511.4
-32.5°	849.9	814.7	781.4	746.9	702.1	665.0	626.6	583.7	536.3	492.2	456.3
-35°	712.3	674.6	660.5	634.9	602.9	570.2	542.1	511.4	475.5	436.5	407.0
-37.5°	596.5	574.1	554.2	540.2	519.0	492.8	470.4	448.0	420.5	391.0	361.6
-40°	506.2	490.9	469.1	462.1	448.6	430.7	407.7	390.4	371.8	349.4	324.5
-42.5°	433.9	422.4	408.3	396.2	390.4	377.6	359.7	343.0	328.3	313.0	293.8
-45°	374.4	366.7	357.8	346.9	342.4	332.2	319.4	300.8	292.5	279.7	265.6
-47.5°	326.4	322.6	316.2	309.1	302.7	295.0	283.5	272.0	260.5	252.2	241.3
-50°	288.6	286.1	282.2	276.5	268.2	263.0	255.4	245.1	234.2	227.2	219.5
-52.5°	258.6	256.0	253.4	249.0	242.6	237.4	231.0	222.7	213.8	206.7	200.3
-55°	235.5	231.7	229.8	225.9	220.8	215.0	209.3	203.5	195.8	189.4	183.0
-57.5°	217.6	212.5	209.9	206.7	201.6	195.8	191.4	185.6	180.5	173.4	167.7
-60°	203.5	197.8	192.6	189.4	185.0	179.2	174.7	170.2	165.1	159.4	152.3
-62.5°	192.0	185.0	177.9	174.1	169.6	164.5	160.0	155.5	150.4	144.6	138.2
-65°	181.1	172.8	163.8	160.0	155.5	150.4	144.6	141.4	137.0	131.8	125.4
-67.5°	167.7	158.7	151.0	146.6	142.1	137.6	132.5	129.3	124.8	118.4	112.0
-70°	147.8	142.1	137.0	133.1	129.3	125.4	120.3	115.2	110.1	104.3	98.6
-72.5°	122.9	121.0	120.3	118.4	113.9	109.4	104.3	99.2	94.7	90.2	85.8
-75°	99.2	100.5	101.8	101.1	96.6	92.2	87.7	83.2	80.0	76.2	72.3
-77.5°	78.7	80.0	81.3	81.3	78.1	75.5	72.3	69.1	66.6	63.4	59.5
-80°	60.8	62.7	64.6	65.9	63.4	61.4	58.9	56.3	53.8	51.2	48.6
-82.5°	46.1	48.0	49.9	51.2	49.3	48.0	46.1	44.2	42.2	39.7	37.8
-85°	33.3	34.6	35.8	36.5	35.2	33.9	32.6	31.4	30.1	28.2	26.9
-87.5°	19.2	19.8	20.5	21.1	19.8	18.6	17.9	16.6	16.0	14.7	14.1
-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°	16.0	14.7	13.4	12.8	11.5	9.6	8.3	7.0	5.8	4.5	3.8
85°	33.9	30.7	26.9	25.0	22.4	19.8	17.3	14.7	12.2	9.6	7.0
82.5°	58.2	54.4	50.6	46.1	40.3	33.3	26.2	21.8	17.9	14.1	10.9
80°	87.7	80.6	74.2	68.5	62.1	53.1	43.5	34.6	24.3	18.6	14.1
77.5°	121.6	113.3	104.3	94.7	84.5	72.3	61.4	49.9	37.8	25.6	17.9
75°	160.0	149.1	137.0	123.5	110.1	94.1	78.7	65.3	51.2	35.8	21.8
72.5°	202.9	189.4	174.7	156.8	135.7	117.1	98.6	80.6	64.0	45.4	29.4
70°	257.9	236.8	215.0	195.8	169.0	139.5	117.8	97.3	76.2	55.7	37.1
67.5°	316.8	291.2	265.0	236.8	202.9	168.3	137.0	113.9	89.0	65.3	44.2
65°	380.8	348.8	315.5	284.2	237.4	196.5	161.3	129.9	101.1	74.2	51.2
62.5°	446.7	409.0	370.6	329.6	275.8	225.3	184.3	147.8	112.6	82.6	57.6
60°	517.1	473.0	426.2	375.0	312.3	256.6	206.1	166.4	124.8	90.9	64.6
57.5°	591.4	543.4	488.3	419.2	350.1	286.7	231.0	183.0	135.7	98.6	69.8
55°	672.0	617.0	556.8	465.3	387.2	316.8	256.0	199.7	147.2	105.0	74.9
52.5°	759.0	695.0	618.9	513.9	426.2	347.5	279.0	214.4	158.1	112.0	79.4
50°	856.3	775.7	673.3	558.7	460.2	376.3	302.1	230.4	167.0	119.7	83.2
47.5°	957.4	870.4	721.9	600.3	494.7	404.5	325.8	244.5	176.0	126.1	87.0
45°	1063.0	936.3	772.5	637.4	524.8	430.1	343.7	257.3	186.9	131.8	90.2
42.5°	1167.3	986.2	816.6	674.6	553.0	453.1	358.4	269.4	195.8	137.6	93.4
40°	1216.6	1024.0	851.8	700.2	576.6	473.6	371.2	280.3	203.5	141.4	96.6
37.5°	1237.1	1047.0	874.9	724.5	595.2	484.5	382.1	289.9	209.9	145.3	99.2
35°	1241.6	1055.3	886.4	741.1	610.6	494.7	390.4	297.0	215.0	149.1	101.8
32.5°	1233.3	1052.8	889.6	746.9	620.2	502.4	396.2	302.1	218.9	153.0	104.3
30°	1214.7	1039.3	878.1	746.2	627.2	506.9	400.0	305.9	222.7	155.5	105.6
27.5°	1184.6	1015.7	863.3	746.9	631.0	508.8	401.9	307.8	225.3	157.4	108.2
25°	1147.5	983.7	864.0	745.6	631.7	509.4	401.9	307.8	225.9	158.1	110.1
22.5°	1104.6	983.7	864.0	743.7	627.8	508.2	400.0	306.6	225.9	159.4	112.0
20°	1107.2	984.3	862.1	739.8	622.1	504.3	395.5	303.4	224.0	161.3	113.3
17.5°	1109.1	983.0	858.2	734.7	614.4	497.9	389.8	298.9	224.0	163.2	113.9
15°	1109.1	979.2	852.5	727.0	604.8	489.0	381.4	295.0	224.6	163.8	115.2
12.5°	1107.2	972.1	843.5	716.8	593.3	478.1	376.3	293.8	224.6	164.5	115.2
10°	1103.3	962.5	832.0	704.0	582.4	474.2	373.8	291.2	223.4	164.5	115.2
7.5°	1096.3	951.0	822.4	696.3	576.0	469.8	369.9	287.4	221.4	163.2	116.5
5°	1085.4	944.6	814.7	687.4	567.0	466.6	367.4	284.2	220.2	163.2	115.2
2.5°	1071.3	936.9	805.7	675.8	556.8	455.7	359.0	277.1	215.7	160.6	113.9
0°	1048.3	921.6	790.4	659.8	542.7	444.8	350.7	270.1	211.2	158.1	112.6
-2.5°	1027.2	901.1	770.5	643.2	529.3	435.2	344.3	266.2	209.3	157.4	112.0
-5°	997.7	872.9	744.3	621.4	511.4	425.6	337.9	261.8	207.4	156.2	112.0
-7.5°	965.1	843.5	716.8	599.0	493.4	409.0	325.8	254.7	202.9	153.6	111.4
-10°	914.5	799.3	682.2	573.4	474.2	394.2	315.5	248.3	199.0	151.0	108.8
-12.5°	860.8	750.7	642.6	542.1	452.5	378.9	304.0	241.3	194.6	148.5	107.5
-15°	803.8	700.8	601.0	509.4	428.8	360.3	291.8	233.6	190.1	145.3	105.6
-17.5°	744.3	648.3	558.1	476.2	405.1	341.1	279.0	226.6	185.0	142.1	103.7
-20°	681.6	594.6	514.6	442.2	380.2	321.9	265.6	218.2	179.2	138.2	101.1



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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°	619.5	541.4	469.8	409.0	354.6	302.1	252.2	209.9	172.8	133.8	99.2
-25°	564.5	491.5	430.1	377.0	329.6	282.9	238.1	201.6	165.8	129.3	96.6
-27.5°	510.7	448.6	391.0	346.9	305.3	264.3	224.6	192.6	158.7	124.2	94.1
-30°	460.8	407.7	360.3	317.4	282.2	247.7	213.1	183.7	151.0	119.0	90.9
-32.5°	415.4	372.5	332.8	291.8	260.5	231.0	202.2	174.7	143.4	113.9	87.7
-35°	373.1	339.8	305.3	270.7	238.7	215.7	190.7	165.1	136.3	108.2	84.5
-37.5°	335.4	308.5	281.0	251.5	224.0	201.0	179.8	155.5	129.3	103.0	81.3
-40°	302.7	281.0	256.6	233.0	209.9	188.2	169.0	145.9	122.2	99.2	78.1
-42.5°	272.6	256.0	236.2	216.3	195.8	176.6	158.1	135.7	115.2	94.7	74.9
-45°	249.6	233.0	217.0	199.0	181.8	165.1	146.6	126.7	108.8	89.6	71.7
-47.5°	227.8	213.1	198.4	183.7	169.6	154.2	135.7	119.0	101.8	85.1	69.1
-50°	208.6	194.6	181.8	169.0	156.8	142.1	124.8	111.4	96.0	80.6	65.9
-52.5°	190.7	178.6	165.8	155.5	145.3	130.6	116.5	103.7	90.2	75.5	62.7
-55°	174.7	163.2	151.7	142.1	132.5	119.7	108.2	97.3	84.5	71.7	59.5
-57.5°	159.4	149.8	138.9	129.9	120.3	110.1	100.5	90.2	78.7	67.8	56.3
-60°	145.3	136.3	126.7	117.8	109.4	101.1	92.2	83.8	73.6	63.4	53.1
-62.5°	131.2	123.5	115.2	106.2	99.8	92.2	85.1	76.8	68.5	59.5	47.4
-65°	118.4	111.4	103.7	96.0	90.2	84.5	78.1	70.4	63.4	55.0	42.2
-67.5°	105.6	99.2	92.8	86.4	81.3	76.8	70.4	64.6	58.9	49.9	37.1
-70°	93.4	88.3	82.6	77.4	73.6	68.5	64.0	58.9	53.8	43.5	31.4
-72.5°	81.9	76.8	72.3	68.5	65.3	60.8	57.0	53.1	46.1	36.5	26.2
-75°	68.5	65.3	62.7	59.5	56.3	53.1	49.9	45.4	38.4	29.4	20.5
-77.5°	56.3	54.4	52.5	49.9	47.4	44.8	41.0	36.5	30.7	23.0	16.6
-80°	46.1	44.2	42.9	40.3	38.4	35.8	32.0	28.2	22.4	17.9	13.4
-82.5°	35.2	33.9	32.6	31.4	29.4	26.9	23.0	19.8	16.6	13.4	10.2
-85°	25.0	24.3	23.0	21.8	19.8	17.9	15.4	13.4	11.5	9.0	7.0
-87.5°	12.8	12.2	11.5	10.9	10.2	9.0	7.7	6.4	5.8	4.5	3.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	2.6	1.9	0.6	0.0
85°	5.1	3.2	1.3	0.0
82.5°	7.7	5.1	1.9	0.0
80°	10.2	6.4	3.2	0.0
77.5°	12.8	7.7	3.8	0.0
75°	15.4	9.6	4.5	0.0
72.5°	17.3	10.9	5.1	0.0
70°	20.5	12.8	5.8	0.0
67.5°	25.6	14.1	6.4	0.0
65°	30.1	15.4	7.0	0.0
62.5°	35.2	16.6	7.7	0.0
60°	39.7	17.9	8.3	0.0
57.5°	44.2	21.1	9.0	0.0
55°	48.0	23.7	9.6	0.0
52.5°	52.5	26.2	10.2	0.0
50°	56.3	28.8	10.9	0.0
47.5°	59.5	31.4	10.9	0.0
45°	62.1	33.3	11.5	0.0
42.5°	64.0	35.2	12.2	0.0
40°	65.9	37.1	12.8	0.0
37.5°	67.8	39.0	12.8	0.0
35°	69.8	41.0	13.4	0.0
32.5°	71.7	42.9	13.4	0.0
30°	73.0	44.2	14.1	0.0
27.5°	74.9	45.4	14.1	0.0
25°	75.5	46.7	14.7	0.0
22.5°	76.8	47.4	14.7	0.0
20°	78.1	48.6	14.7	0.0
17.5°	78.7	49.3	15.4	0.0
15°	78.7	49.9	16.0	0.0
12.5°	79.4	50.6	16.0	0.0
10°	79.4	51.8	15.4	0.0
7.5°	80.6	51.2	15.4	0.0
5°	80.0	51.2	15.4	0.0
2.5°	79.4	50.6	15.4	0.0
0°	78.7	50.6	15.4	0.0
-2.5°	78.7	50.6	15.4	0.0
-5°	78.7	50.6	15.4	0.0
-7.5°	78.1	51.2	15.4	0.0
-10°	76.8	51.2	15.4	0.0
-12.5°	76.2	49.3	15.4	0.0
-15°	75.5	48.6	15.4	0.0
-17.5°	74.2	48.0	14.7	0.0
-20°	73.0	47.4	14.7	0.0



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CATALOG NUMBER: IFLD-S-SA2A-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	71.7	46.1	14.7	0.0
-25°	70.4	44.8	14.1	0.0
-27.5°	69.1	43.5	14.1	0.0
-30°	67.2	42.2	13.4	0.0
-32.5°	65.3	41.0	13.4	0.0
-35°	64.0	39.0	12.8	0.0
-37.5°	62.1	37.1	12.8	0.0
-40°	60.2	35.2	12.2	0.0
-42.5°	58.2	33.3	11.5	0.0
-45°	55.7	31.4	11.5	0.0
-47.5°	53.8	29.4	10.9	0.0
-50°	50.6	26.9	10.2	0.0
-52.5°	46.7	24.3	9.6	0.0
-55°	42.9	22.4	9.0	0.0
-57.5°	39.0	19.8	9.0	0.0
-60°	35.2	17.3	8.3	0.0
-62.5°	31.4	16.0	7.7	0.0
-65°	27.5	14.7	7.0	0.0
-67.5°	23.0	12.8	6.4	0.0
-70°	19.2	11.5	5.8	0.0
-72.5°	16.6	10.2	5.1	0.0
-75°	14.1	9.0	4.5	0.0
-77.5°	12.2	7.7	3.8	0.0
-80°	9.6	5.8	2.6	0.0
-82.5°	7.0	4.5	1.9	0.0
-85°	4.5	3.2	1.3	0.0
-87.5°	2.6	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)