

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: P722220

Luminaire Tested: **IFLD-S-SA2A-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722220  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 2700K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

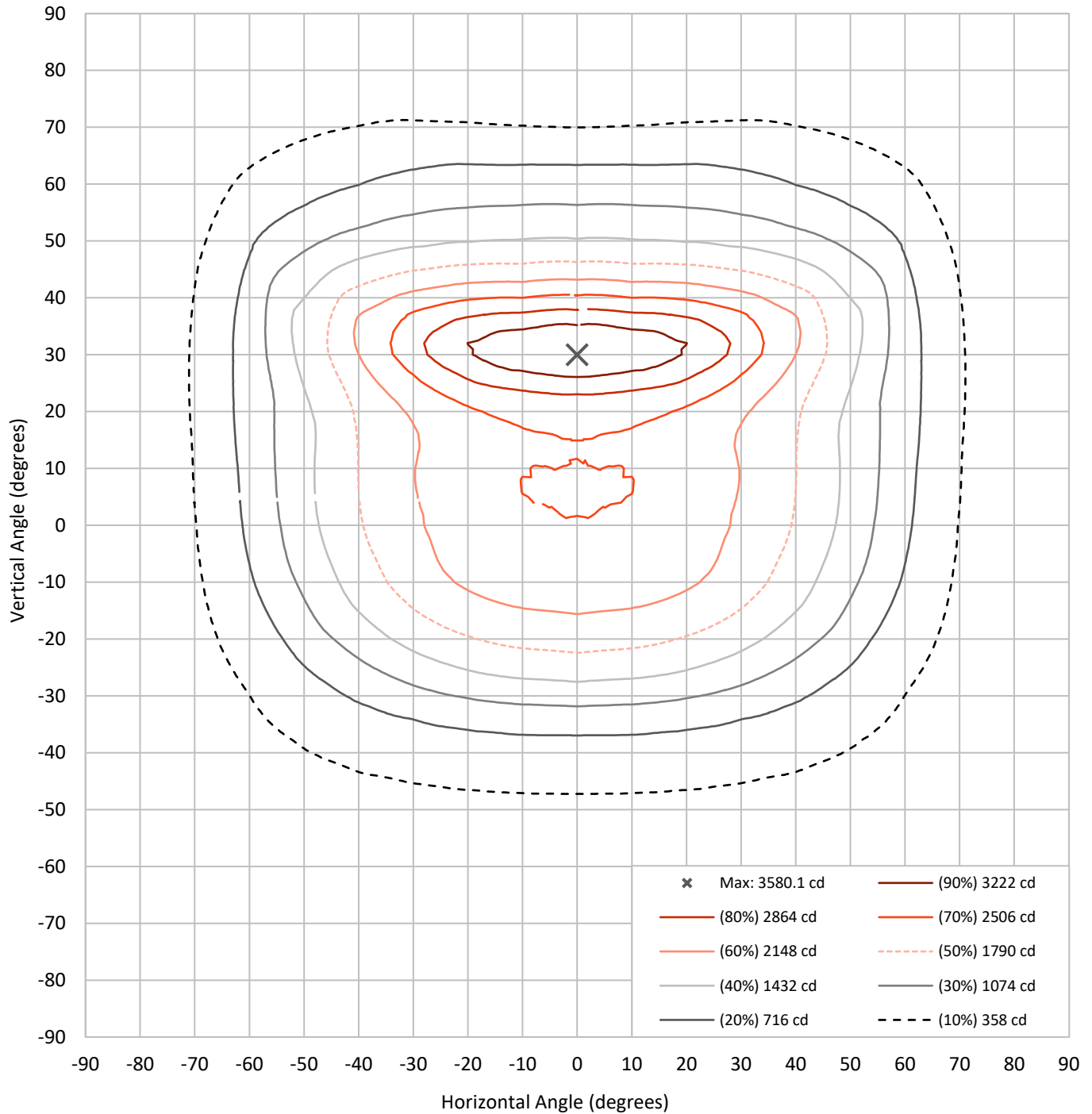
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5976.1 lumens	Max Intensity:	3580.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	3475.2 lumens	Field Lumens:	5600.4 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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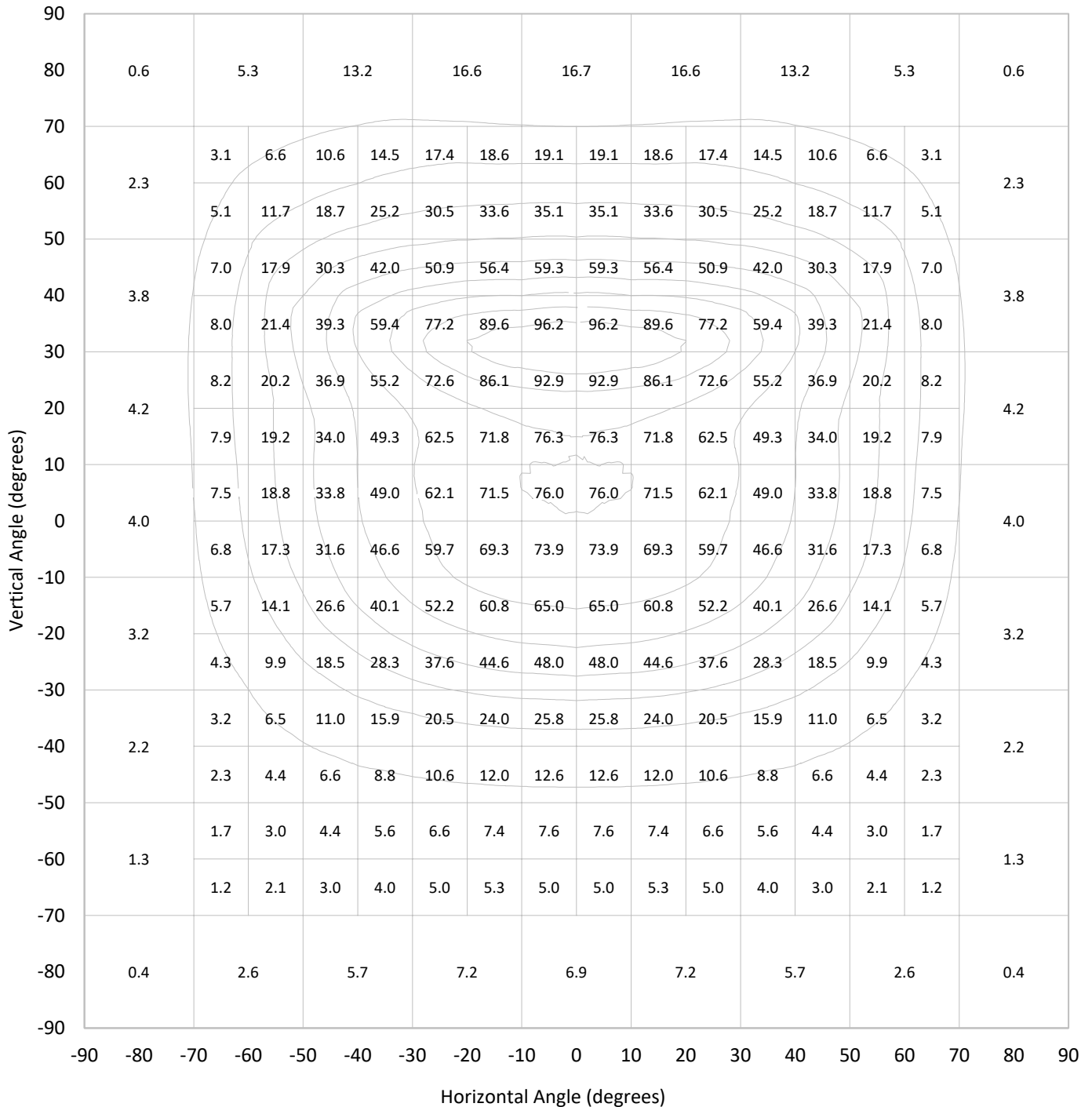
### Iso-Candela Plot





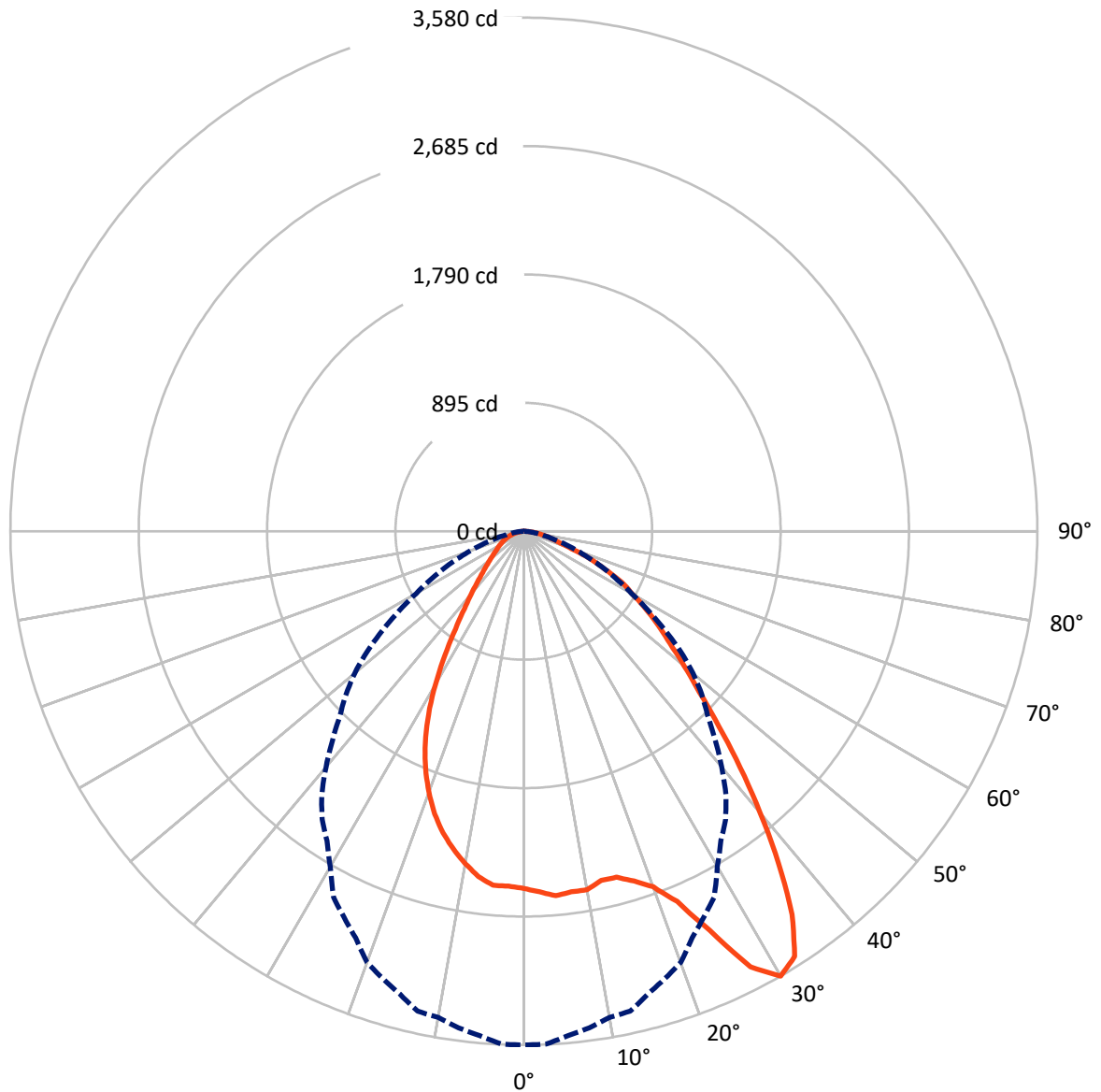
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### Lumen Table



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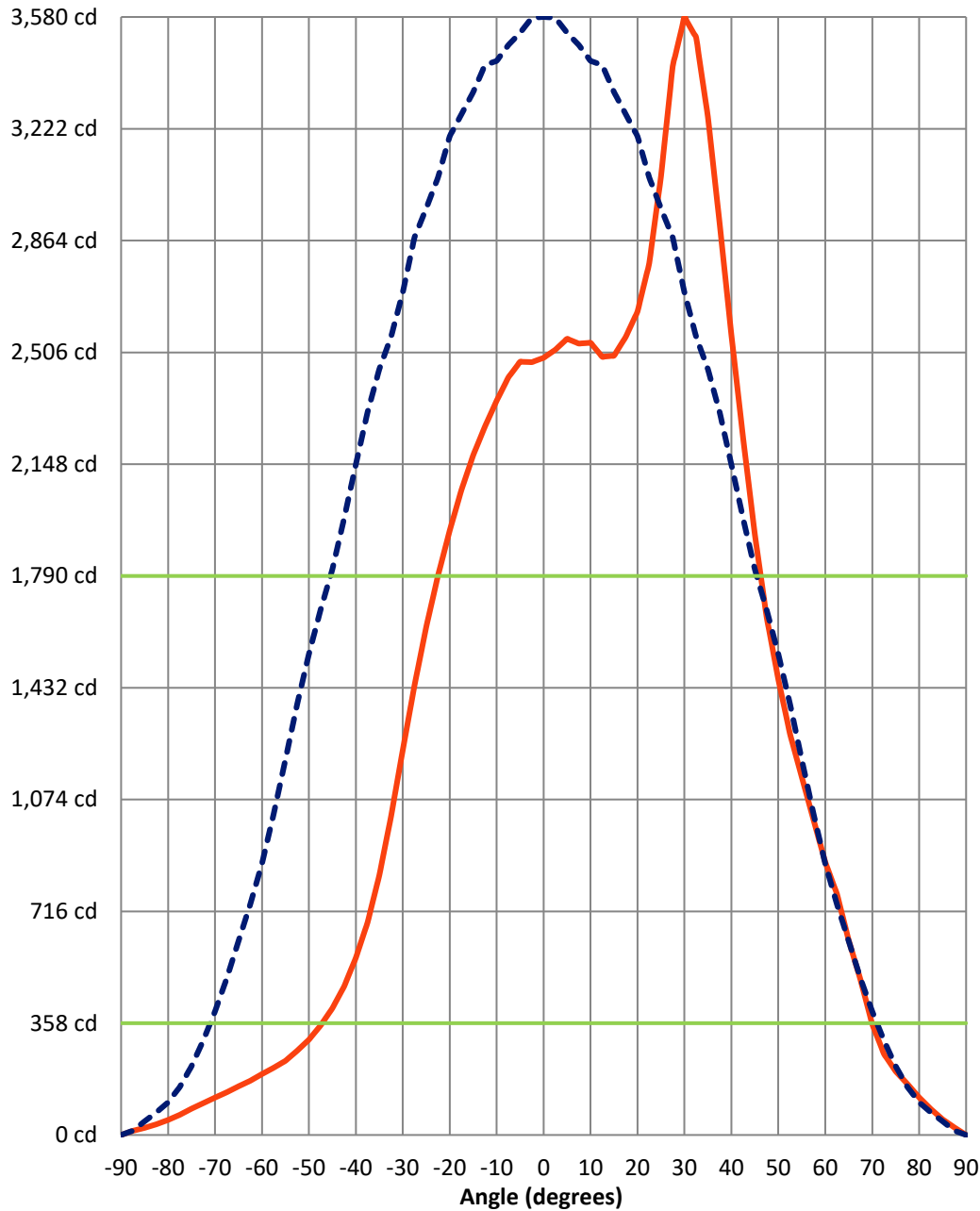
### Luminous Intensity Polar Plot



— 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: 3475.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 5600.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 375.7  
 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°	24.1	24.7	25.3	25.3	24.7	24.7	24.7	24.1	24.7	24.7	24.7
85°	50.0	51.3	52.5	51.9	51.3	50.0	48.7	49.4	50.0	50.6	50.6
82.5°	82.9	84.8	86.1	85.5	84.2	82.9	81.7	82.3	83.6	84.2	84.2
80°	120.3	120.9	121.6	122.8	120.9	120.9	120.3	122.8	124.1	125.4	126.6
77.5°	163.3	164.0	164.0	164.6	165.2	165.9	165.9	170.3	173.5	175.4	177.3
75°	203.9	205.8	207.7	209.6	212.1	213.4	215.3	221.6	226.6	230.4	234.2
72.5°	259.6	262.1	265.3	269.7	274.1	277.3	281.7	289.3	295.0	298.8	303.3
70°	355.2	357.7	360.9	364.0	368.5	371.6	376.1	385.6	391.3	393.8	396.3
67.5°	497.0	503.3	509.0	502.7	499.5	495.1	496.3	505.2	510.9	514.7	514.1
65°	623.0	627.4	627.4	626.8	624.2	618.5	621.7	632.5	638.8	642.0	632.5
62.5°	771.1	771.1	767.9	773.0	773.6	769.8	767.9	768.6	769.2	771.1	755.3
60°	873.7	880.0	881.9	886.3	887.6	887.6	890.8	893.3	893.3	889.5	871.1
57.5°	1009.1	1021.2	1023.7	1020.5	1014.2	1006.0	1004.7	1000.9	993.3	985.7	976.9
55°	1145.9	1152.2	1151.6	1149.7	1143.4	1133.9	1135.1	1130.1	1118.0	1108.5	1096.5
52.5°	1283.3	1298.5	1301.0	1297.2	1288.3	1278.2	1278.8	1273.1	1261.1	1251.0	1234.5
50°	1458.6	1471.3	1470.0	1463.7	1451.0	1443.4	1444.1	1433.3	1419.4	1416.2	1394.7
47.5°	1659.3	1673.9	1671.4	1662.5	1645.4	1642.2	1645.4	1631.5	1623.2	1616.3	1591.0
45°	1922.7	1939.8	1930.3	1913.2	1886.0	1889.1	1893.6	1891.0	1873.3	1855.0	1822.7
42.5°	2231.6	2242.4	2231.0	2213.9	2179.7	2186.1	2183.5	2168.3	2157.6	2127.2	2086.0
40°	2562.1	2585.5	2567.8	2541.2	2505.8	2515.3	2508.3	2488.7	2463.4	2425.4	2373.5
37.5°	2918.5	2936.9	2916.7	2885.6	2854.0	2850.8	2836.9	2806.5	2770.4	2728.6	2645.7
35°	3259.8	3307.3	3269.9	3220.5	3181.9	3167.4	3154.1	3083.8	3042.6	2974.9	2861.6
32.5°	3513.7	3548.5	3502.3	3451.0	3404.1	3383.9	3337.0	3253.5	3231.3	3088.9	2985.0
30°	3580.1	3577.6	3529.5	3490.2	3439.6	3425.7	3339.6	3268.6	3197.7	3066.1	2967.3
27.5°	3421.9	3406.0	3359.8	3325.6	3275.6	3259.2	3174.3	3136.3	3026.8	2915.4	2831.8
25°	3069.2	3077.5	3042.6	3025.5	2992.6	2957.2	2923.6	2872.3	2804.0	2706.5	2629.9
22.5°	2791.3	2802.1	2787.5	2767.2	2741.9	2722.3	2697.0	2657.1	2591.2	2531.1	2458.9
20°	2636.8	2633.7	2621.0	2605.8	2581.7	2567.8	2540.0	2506.4	2455.8	2403.8	2326.0
17.5°	2555.8	2536.2	2524.1	2518.4	2505.8	2488.0	2455.1	2420.9	2381.7	2322.8	2265.8
15°	2495.6	2498.8	2489.3	2484.9	2474.8	2450.1	2416.5	2388.7	2335.5	2305.7	2253.8
12.5°	2491.8	2488.7	2489.3	2487.4	2474.8	2443.1	2426.0	2390.6	2356.4	2317.1	2257.6
10°	2536.8	2503.2	2505.8	2514.6	2494.4	2469.1	2450.7	2412.1	2379.8	2329.8	2270.9
7.5°	2534.3	2517.2	2522.2	2507.7	2514.0	2483.0	2457.7	2419.0	2378.5	2325.3	2272.2
5°	2549.5	2523.5	2519.1	2520.3	2504.5	2481.1	2446.9	2410.2	2372.2	2312.7	2258.2
2.5°	2514.6	2518.4	2498.2	2490.6	2488.7	2449.4	2417.8	2382.3	2343.1	2290.5	2241.8
0°	2488.7	2495.6	2474.8	2464.0	2463.4	2429.8	2409.5	2369.0	2341.2	2297.5	2238.6
-2.5°	2474.8	2483.0	2485.5	2465.9	2446.9	2420.9	2386.8	2343.1	2297.5	2246.8	2196.2
-5°	2476.0	2459.6	2452.6	2458.9	2442.5	2416.5	2378.5	2339.9	2295.0	2240.5	2177.2
-7.5°	2426.0	2409.5	2408.3	2405.1	2401.3	2376.6	2345.0	2303.2	2257.6	2207.0	2148.1
-10°	2351.3	2339.3	2336.1	2332.9	2322.8	2308.3	2278.5	2240.5	2199.4	2148.7	2086.0
-12.5°	2268.4	2262.7	2250.6	2242.4	2232.3	2215.2	2186.7	2151.9	2110.7	2065.8	2012.0
-15°	2176.6	2165.8	2153.8	2146.8	2132.3	2112.0	2083.5	2051.2	2006.3	1961.9	1911.3
-17.5°	2065.8	2052.5	2039.2	2037.3	2027.2	1996.1	1969.5	1930.3	1891.0	1848.6	1799.2
-20°	1935.4	1917.0	1908.1	1903.1	1889.1	1866.4	1837.9	1801.8	1763.8	1723.3	1666.3



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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°	1791.0	1775.2	1760.0	1750.5	1738.5	1720.7	1693.5	1661.9	1624.5	1578.9	1526.4
-25°	1627.0	1604.9	1595.4	1584.6	1578.3	1561.8	1535.2	1506.1	1467.5	1423.2	1373.2
-27.5°	1439.6	1421.9	1416.9	1401.7	1394.1	1377.0	1354.8	1327.6	1292.1	1250.4	1209.2
-30°	1232.6	1221.9	1213.6	1198.4	1192.7	1174.4	1159.8	1137.0	1104.7	1075.0	1042.1
-32.5°	1019.9	1009.1	1006.6	999.7	995.9	983.8	967.4	950.9	924.9	902.8	876.2
-35°	831.2	823.7	824.3	823.7	819.9	811.0	790.7	786.3	767.3	747.0	730.0
-37.5°	680.6	681.2	680.6	679.9	674.9	671.1	656.5	650.8	639.4	619.8	609.7
-40°	567.2	568.5	567.9	566.6	560.9	559.0	549.5	541.9	537.5	523.6	512.8
-42.5°	475.5	477.4	476.7	476.1	472.3	471.7	466.6	457.7	455.2	447.0	435.6
-45°	405.8	405.2	403.9	405.2	403.3	401.4	398.2	392.5	389.4	385.6	376.1
-47.5°	350.7	351.4	350.1	350.1	347.6	345.7	344.4	340.6	338.1	334.9	329.2
-50°	305.1	307.7	307.0	306.4	304.5	303.3	303.3	299.5	295.7	294.4	290.6
-52.5°	269.7	271.6	272.2	273.5	274.1	274.8	272.9	269.1	262.7	262.1	260.2
-55°	237.4	243.1	246.9	249.4	252.0	253.9	250.1	245.0	238.7	236.1	235.5
-57.5°	215.3	220.9	225.4	229.2	232.3	235.5	231.7	226.6	220.9	217.8	217.2
-60°	195.0	200.1	204.5	209.6	214.0	219.0	217.2	213.4	210.2	207.7	205.1
-62.5°	173.5	178.5	183.6	189.9	195.6	200.7	201.3	200.7	200.1	200.7	196.3
-65°	155.7	158.3	161.4	168.4	174.7	180.4	183.6	185.5	188.7	191.8	187.4
-67.5°	136.7	139.9	143.7	148.8	153.8	157.6	162.1	167.1	172.2	177.3	174.1
-70°	119.7	122.2	125.4	127.9	131.0	133.6	137.4	143.1	148.8	153.8	152.6
-72.5°	101.9	104.5	106.4	107.6	109.5	110.8	112.7	117.8	121.6	124.1	124.1
-75°	84.2	86.7	88.6	89.3	90.5	91.2	92.4	94.3	96.2	96.9	97.5
-77.5°	64.6	67.1	69.0	70.3	71.5	72.8	73.4	74.7	75.3	75.3	76.0
-80°	48.1	50.0	51.3	53.2	53.8	55.1	56.3	57.0	57.6	57.6	58.2
-82.5°	34.2	35.5	36.7	38.0	39.3	39.9	41.2	41.8	42.4	43.1	43.7
-85°	22.8	24.1	25.3	26.6	27.2	27.9	28.5	29.1	29.8	30.4	31.0
-87.5°	13.3	13.9	14.6	15.8	16.5	17.7	18.4	17.7	18.4	18.4	18.4
-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°	24.7	24.7	24.7	24.7	24.1	22.8	22.2	20.9	19.6	18.4	17.1
85°	51.3	51.9	51.9	51.9	50.6	50.0	48.1	46.2	43.7	39.9	36.7
82.5°	85.5	86.1	86.1	85.5	84.2	82.3	79.8	76.6	71.5	66.5	62.0
80°	128.5	129.2	129.2	128.5	125.4	122.2	119.0	115.2	108.9	101.9	94.3
77.5°	179.8	181.1	181.1	179.2	174.7	170.9	165.9	159.5	150.0	139.9	129.8
75°	239.3	242.5	243.1	241.2	235.5	228.5	220.3	209.6	195.0	182.3	170.3
72.5°	308.3	311.5	314.0	311.5	303.3	293.8	281.7	269.1	254.5	237.4	217.2
70°	398.8	402.0	403.9	395.7	381.1	365.3	350.7	336.2	319.1	298.2	276.0
67.5°	512.8	509.6	505.8	489.4	471.0	452.0	431.8	410.2	388.1	365.9	340.0
65°	622.3	613.5	605.2	585.6	562.2	537.5	514.1	490.0	463.4	435.6	410.9
62.5°	737.6	718.6	698.3	674.2	650.2	623.0	599.5	571.0	541.3	507.1	475.5
60°	850.9	828.1	807.8	778.1	746.4	709.7	684.4	656.5	621.7	585.0	547.6
57.5°	960.4	935.7	913.6	887.6	853.4	813.5	785.7	749.6	712.9	666.6	628.7
55°	1076.9	1052.2	1034.5	1005.3	968.0	931.3	900.9	862.9	811.6	762.2	715.4
52.5°	1210.5	1190.8	1171.9	1142.1	1097.1	1059.8	1026.2	983.8	930.0	869.2	812.9
50°	1359.9	1349.8	1329.5	1294.7	1243.4	1210.5	1166.2	1109.8	1052.2	988.3	918.0
47.5°	1558.0	1541.6	1513.1	1475.1	1432.1	1382.7	1323.2	1257.3	1175.7	1104.7	1030.0
45°	1794.8	1764.4	1727.7	1676.4	1623.2	1567.5	1502.3	1418.8	1309.2	1216.8	1138.3
42.5°	2051.2	2010.1	1960.1	1892.9	1823.9	1755.6	1685.3	1571.3	1434.6	1328.2	1239.6
40°	2319.0	2266.5	2203.8	2106.3	2029.7	1941.7	1861.3	1691.0	1545.4	1430.2	1335.8
37.5°	2581.1	2514.6	2409.5	2291.2	2201.9	2129.7	1953.1	1770.8	1640.3	1513.7	1418.1
35°	2781.8	2725.5	2540.0	2417.1	2340.5	2226.6	2005.6	1818.9	1680.9	1575.8	1427.0
32.5°	2900.8	2755.2	2592.5	2468.4	2405.1	2218.4	2009.4	1832.8	1699.8	1582.1	1404.2
30°	2874.2	2698.2	2555.8	2452.0	2314.6	2146.8	1974.0	1811.3	1682.1	1539.7	1378.9
27.5°	2714.1	2577.9	2450.7	2342.4	2207.6	2056.9	1897.4	1754.3	1634.0	1496.0	1344.1
25°	2533.0	2409.5	2315.2	2220.9	2093.0	1949.3	1808.7	1705.5	1584.6	1448.5	1298.5
22.5°	2366.5	2277.9	2203.8	2105.0	1980.3	1855.0	1767.6	1660.6	1536.5	1398.5	1251.6
20°	2260.1	2200.0	2115.2	2006.3	1908.1	1829.6	1732.8	1619.4	1491.6	1347.2	1211.7
17.5°	2208.9	2139.2	2044.9	1974.0	1898.6	1812.5	1704.3	1584.0	1447.9	1323.8	1216.2
15°	2182.3	2108.8	2046.8	1977.1	1892.3	1801.8	1681.5	1556.8	1447.9	1333.3	1219.3
12.5°	2188.0	2124.7	2056.9	1980.9	1889.8	1792.9	1684.0	1568.2	1455.5	1340.3	1220.0
10°	2205.7	2139.2	2067.0	1982.8	1891.0	1795.4	1691.0	1575.1	1459.3	1343.4	1218.7
7.5°	2212.0	2139.8	2062.6	1977.8	1887.9	1794.2	1692.3	1577.0	1459.9	1342.8	1214.9
5°	2192.4	2127.2	2052.5	1967.0	1879.0	1787.8	1687.2	1574.5	1454.8	1336.5	1205.4
2.5°	2165.8	2113.3	2041.7	1959.4	1870.2	1779.0	1679.0	1563.1	1443.4	1325.1	1193.4
0°	2161.4	2096.2	2024.0	1950.6	1855.6	1759.4	1660.0	1541.6	1422.6	1303.5	1172.5
-2.5°	2132.3	2063.2	1991.1	1911.3	1827.7	1730.9	1626.4	1510.6	1392.8	1275.7	1149.7
-5°	2110.1	2033.5	1956.9	1870.8	1786.6	1689.7	1581.5	1468.8	1353.5	1239.6	1118.0
-7.5°	2080.3	2001.8	1921.4	1831.5	1740.4	1641.6	1534.6	1421.9	1308.6	1195.3	1078.8
-10°	2020.2	1951.2	1875.8	1782.8	1686.6	1587.8	1481.4	1370.6	1257.3	1142.7	1025.6
-12.5°	1947.4	1874.6	1792.3	1706.8	1620.7	1528.9	1422.6	1313.7	1199.7	1084.5	968.0
-15°	1853.1	1781.5	1697.3	1613.7	1530.8	1442.8	1349.1	1251.0	1135.1	1021.8	905.3
-17.5°	1735.3	1668.2	1592.9	1513.1	1430.8	1342.2	1251.0	1168.1	1059.8	953.4	838.2
-20°	1608.7	1546.0	1478.3	1402.9	1320.6	1233.9	1147.8	1061.1	967.4	873.7	766.7



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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°	1477.0	1413.7	1345.3	1275.0	1199.1	1118.7	1038.9	956.0	873.7	788.8	698.3
-25°	1325.1	1269.3	1206.7	1138.3	1070.6	1000.3	924.3	849.0	778.7	705.3	631.2
-27.5°	1166.2	1114.9	1057.9	998.4	940.1	881.3	815.4	745.8	687.5	626.8	565.4
-30°	999.0	957.9	911.7	859.7	814.8	767.3	712.2	654.6	601.4	555.2	505.8
-32.5°	840.7	805.9	773.0	738.8	694.5	657.8	619.8	577.4	530.5	486.8	451.4
-35°	704.6	667.3	653.4	628.0	596.4	564.1	536.2	505.8	470.4	431.8	402.6
-37.5°	590.0	567.9	548.3	534.3	513.4	487.5	465.3	443.2	415.9	386.8	357.7
-40°	500.8	485.6	464.1	457.1	443.8	426.1	403.3	386.2	367.8	345.7	321.0
-42.5°	429.2	417.8	403.9	391.9	386.2	373.5	355.8	339.3	324.8	309.6	290.6
-45°	370.4	362.8	353.9	343.1	338.7	328.6	315.9	297.6	289.3	276.7	262.7
-47.5°	322.9	319.1	312.7	305.8	299.5	291.9	280.5	269.1	257.7	249.4	238.7
-50°	285.5	283.0	279.2	273.5	265.3	260.2	252.6	242.5	231.7	224.7	217.2
-52.5°	255.8	253.2	250.7	246.3	239.9	234.9	228.5	220.3	211.5	204.5	198.2
-55°	233.0	229.2	227.3	223.5	218.4	212.7	207.0	201.3	193.7	187.4	181.1
-57.5°	215.3	210.2	207.7	204.5	199.4	193.7	189.3	183.6	178.5	171.6	165.9
-60°	201.3	195.6	190.6	187.4	183.0	177.3	172.8	168.4	163.3	157.6	150.7
-62.5°	189.9	183.0	176.0	172.2	167.8	162.7	158.3	153.8	148.8	143.1	136.7
-65°	179.2	170.9	162.1	158.3	153.8	148.8	143.1	139.9	135.5	130.4	124.1
-67.5°	165.9	157.0	149.4	145.0	140.5	136.1	131.0	127.9	123.5	117.1	110.8
-70°	146.2	140.5	135.5	131.7	127.9	124.1	119.0	114.0	108.9	103.2	97.5
-72.5°	121.6	119.7	119.0	117.1	112.7	108.3	103.2	98.1	93.7	89.3	84.8
-75°	98.1	99.4	100.7	100.0	95.6	91.2	86.7	82.3	79.1	75.3	71.5
-77.5°	77.9	79.1	80.4	80.4	77.2	74.7	71.5	68.4	65.8	62.7	58.9
-80°	60.1	62.0	63.9	65.2	62.7	60.8	58.2	55.7	53.2	50.6	48.1
-82.5°	45.6	47.5	49.4	50.6	48.7	47.5	45.6	43.7	41.8	39.3	37.4
-85°	32.9	34.2	35.5	36.1	34.8	33.6	32.3	31.0	29.8	27.9	26.6
-87.5°	19.0	19.6	20.3	20.9	19.6	18.4	17.7	16.5	15.8	14.6	13.9
-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°	15.8	14.6	13.3	12.7	11.4	9.5	8.2	7.0	5.7	4.4	3.8
85°	33.6	30.4	26.6	24.7	22.2	19.6	17.1	14.6	12.0	9.5	7.0
82.5°	57.6	53.8	50.0	45.6	39.9	32.9	26.0	21.5	17.7	13.9	10.8
80°	86.7	79.8	73.4	67.7	61.4	52.5	43.1	34.2	24.1	18.4	13.9
77.5°	120.3	112.1	103.2	93.7	83.6	71.5	60.8	49.4	37.4	25.3	17.7
75°	158.3	147.5	135.5	122.2	108.9	93.1	77.9	64.6	50.6	35.5	21.5
72.5°	200.7	187.4	172.8	155.1	134.2	115.9	97.5	79.8	63.3	44.9	29.1
70°	255.1	234.2	212.7	193.7	167.1	138.0	116.5	96.2	75.3	55.1	36.7
67.5°	313.4	288.1	262.1	234.2	200.7	166.5	135.5	112.7	88.0	64.6	43.7
65°	376.7	345.0	312.1	281.1	234.9	194.4	159.5	128.5	100.0	73.4	50.6
62.5°	441.9	404.5	366.6	326.0	272.9	222.8	182.3	146.2	111.4	81.7	57.0
60°	511.5	467.9	421.6	371.0	308.9	253.9	203.9	164.6	123.5	89.9	63.9
57.5°	585.0	537.5	483.0	414.7	346.3	283.6	228.5	181.1	134.2	97.5	69.0
55°	664.7	610.3	550.8	460.3	383.0	313.4	253.2	197.5	145.6	103.8	74.1
52.5°	750.8	687.5	612.2	508.4	421.6	343.8	276.0	212.1	156.4	110.8	78.5
50°	847.1	767.3	666.0	552.7	455.2	372.3	298.8	227.9	165.2	118.4	82.3
47.5°	947.1	861.0	714.1	593.8	489.4	400.1	322.2	241.8	174.1	124.7	86.1
45°	1051.6	926.2	764.1	630.6	519.1	425.4	340.0	254.5	184.9	130.4	89.3
42.5°	1154.8	975.6	807.8	667.3	547.0	448.2	354.5	266.5	193.7	136.1	92.4
40°	1203.5	1012.9	842.6	692.6	570.4	468.5	367.2	277.3	201.3	139.9	95.6
37.5°	1223.8	1035.7	865.4	716.7	588.8	479.2	378.0	286.8	207.7	143.7	98.1
35°	1228.2	1044.0	876.8	733.1	604.0	489.4	386.2	293.8	212.7	147.5	100.7
32.5°	1220.0	1041.4	880.0	738.8	613.5	497.0	391.9	298.8	216.5	151.3	103.2
30°	1201.6	1028.1	868.6	738.2	620.4	501.4	395.7	302.6	220.3	153.8	104.5
27.5°	1171.9	1004.7	854.0	738.8	624.2	503.3	397.6	304.5	222.8	155.7	107.0
25°	1135.1	973.1	854.7	737.6	624.9	503.9	397.6	304.5	223.5	156.4	108.9
22.5°	1092.7	973.1	854.7	735.7	621.1	502.7	395.7	303.3	223.5	157.6	110.8
20°	1095.2	973.7	852.8	731.9	615.4	498.9	391.3	300.1	221.6	159.5	112.1
17.5°	1097.1	972.4	849.0	726.8	607.8	492.5	385.6	295.7	221.6	161.4	112.7
15°	1097.1	968.6	843.3	719.2	598.3	483.7	377.3	291.9	222.2	162.1	114.0
12.5°	1095.2	961.7	834.4	709.1	586.9	472.9	372.3	290.6	222.2	162.7	114.0
10°	1091.4	952.2	823.0	696.4	576.1	469.1	369.7	288.1	220.9	162.7	114.0
7.5°	1084.5	940.8	813.5	688.8	569.8	464.7	365.9	284.3	219.0	161.4	115.2
5°	1073.7	934.4	805.9	679.9	560.9	461.5	363.4	281.1	217.8	161.4	114.0
2.5°	1059.8	926.8	797.1	668.5	550.8	450.8	355.2	274.1	213.4	158.9	112.7
0°	1037.0	911.7	781.9	652.7	536.9	440.0	346.9	267.2	208.9	156.4	111.4
-2.5°	1016.1	891.4	762.2	636.3	523.6	430.5	340.6	263.4	207.0	155.7	110.8
-5°	987.0	863.5	736.3	614.7	505.8	421.0	334.3	258.9	205.1	154.5	110.8
-7.5°	954.7	834.4	709.1	592.6	488.1	404.5	322.2	252.0	200.7	151.9	110.2
-10°	904.7	790.7	674.9	567.2	469.1	390.0	312.1	245.6	196.9	149.4	107.6
-12.5°	851.5	742.6	635.6	536.2	447.6	374.8	300.7	238.7	192.5	146.9	106.4
-15°	795.2	693.2	594.5	503.9	424.2	356.4	288.7	231.1	188.0	143.7	104.5
-17.5°	736.3	641.3	552.1	471.0	400.7	337.4	276.0	224.1	183.0	140.5	102.6
-20°	674.2	588.1	509.0	437.5	376.1	318.4	262.7	215.9	177.3	136.7	100.0



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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°	612.8	535.6	464.7	404.5	350.7	298.8	249.4	207.7	170.9	132.3	98.1
-25°	558.4	486.2	425.4	372.9	326.0	279.8	235.5	199.4	164.0	127.9	95.6
-27.5°	505.2	443.8	386.8	343.1	302.0	261.5	222.2	190.6	157.0	122.8	93.1
-30°	455.8	403.3	356.4	314.0	279.2	245.0	210.8	181.7	149.4	117.8	89.9
-32.5°	410.9	368.5	329.2	288.7	257.7	228.5	200.1	172.8	141.8	112.7	86.7
-35°	369.1	336.2	302.0	267.8	236.1	213.4	188.7	163.3	134.8	107.0	83.6
-37.5°	331.7	305.1	277.9	248.8	221.6	198.8	177.9	153.8	127.9	101.9	80.4
-40°	299.5	277.9	253.9	230.4	207.7	186.1	167.1	144.3	120.9	98.1	77.2
-42.5°	269.7	253.2	233.6	214.0	193.7	174.7	156.4	134.2	114.0	93.7	74.1
-45°	246.9	230.4	214.6	196.9	179.8	163.3	145.0	125.4	107.6	88.6	70.9
-47.5°	225.4	210.8	196.3	181.7	167.8	152.6	134.2	117.8	100.7	84.2	68.4
-50°	206.4	192.5	179.8	167.1	155.1	140.5	123.5	110.2	95.0	79.8	65.2
-52.5°	188.7	176.6	164.0	153.8	143.7	129.2	115.2	102.6	89.3	74.7	62.0
-55°	172.8	161.4	150.0	140.5	131.0	118.4	107.0	96.2	83.6	70.9	58.9
-57.5°	157.6	148.1	137.4	128.5	119.0	108.9	99.4	89.3	77.9	67.1	55.7
-60°	143.7	134.8	125.4	116.5	108.3	100.0	91.2	82.9	72.8	62.7	52.5
-62.5°	129.8	122.2	114.0	105.1	98.8	91.2	84.2	76.0	67.7	58.9	46.8
-65°	117.1	110.2	102.6	95.0	89.3	83.6	77.2	69.6	62.7	54.4	41.8
-67.5°	104.5	98.1	91.8	85.5	80.4	76.0	69.6	63.9	58.2	49.4	36.7
-70°	92.4	87.4	81.7	76.6	72.8	67.7	63.3	58.2	53.2	43.1	31.0
-72.5°	81.0	76.0	71.5	67.7	64.6	60.1	56.3	52.5	45.6	36.1	26.0
-75°	67.7	64.6	62.0	58.9	55.7	52.5	49.4	44.9	38.0	29.1	20.3
-77.5°	55.7	53.8	51.9	49.4	46.8	44.3	40.5	36.1	30.4	22.8	16.5
-80°	45.6	43.7	42.4	39.9	38.0	35.5	31.7	27.9	22.2	17.7	13.3
-82.5°	34.8	33.6	32.3	31.0	29.1	26.6	22.8	19.6	16.5	13.3	10.1
-85°	24.7	24.1	22.8	21.5	19.6	17.7	15.2	13.3	11.4	8.9	7.0
-87.5°	12.7	12.0	11.4	10.8	10.1	8.9	7.6	6.3	5.7	4.4	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°	2.5	1.9	0.6	0.0
85°	5.1	3.2	1.3	0.0
82.5°	7.6	5.1	1.9	0.0
80°	10.1	6.3	3.2	0.0
77.5°	12.7	7.6	3.8	0.0
75°	15.2	9.5	4.4	0.0
72.5°	17.1	10.8	5.1	0.0
70°	20.3	12.7	5.7	0.0
67.5°	25.3	13.9	6.3	0.0
65°	29.8	15.2	7.0	0.0
62.5°	34.8	16.5	7.6	0.0
60°	39.3	17.7	8.2	0.0
57.5°	43.7	20.9	8.9	0.0
55°	47.5	23.4	9.5	0.0
52.5°	51.9	26.0	10.1	0.0
50°	55.7	28.5	10.8	0.0
47.5°	58.9	31.0	10.8	0.0
45°	61.4	32.9	11.4	0.0
42.5°	63.3	34.8	12.0	0.0
40°	65.2	36.7	12.7	0.0
37.5°	67.1	38.6	12.7	0.0
35°	69.0	40.5	13.3	0.0
32.5°	70.9	42.4	13.3	0.0
30°	72.2	43.7	13.9	0.0
27.5°	74.1	44.9	13.9	0.0
25°	74.7	46.2	14.6	0.0
22.5°	76.0	46.8	14.6	0.0
20°	77.2	48.1	14.6	0.0
17.5°	77.9	48.7	15.2	0.0
15°	77.9	49.4	15.8	0.0
12.5°	78.5	50.0	15.8	0.0
10°	78.5	51.3	15.2	0.0
7.5°	79.8	50.6	15.2	0.0
5°	79.1	50.6	15.2	0.0
2.5°	78.5	50.0	15.2	0.0
0°	77.9	50.0	15.2	0.0
-2.5°	77.9	50.0	15.2	0.0
-5°	77.9	50.0	15.2	0.0
-7.5°	77.2	50.6	15.2	0.0
-10°	76.0	50.6	15.2	0.0
-12.5°	75.3	48.7	15.2	0.0
-15°	74.7	48.1	15.2	0.0
-17.5°	73.4	47.5	14.6	0.0
-20°	72.2	46.8	14.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	70.9	45.6	14.6	0.0
-25°	69.6	44.3	13.9	0.0
-27.5°	68.4	43.1	13.9	0.0
-30°	66.5	41.8	13.3	0.0
-32.5°	64.6	40.5	13.3	0.0
-35°	63.3	38.6	12.7	0.0
-37.5°	61.4	36.7	12.7	0.0
-40°	59.5	34.8	12.0	0.0
-42.5°	57.6	32.9	11.4	0.0
-45°	55.1	31.0	11.4	0.0
-47.5°	53.2	29.1	10.8	0.0
-50°	50.0	26.6	10.1	0.0
-52.5°	46.2	24.1	9.5	0.0
-55°	42.4	22.2	8.9	0.0
-57.5°	38.6	19.6	8.9	0.0
-60°	34.8	17.1	8.2	0.0
-62.5°	31.0	15.8	7.6	0.0
-65°	27.2	14.6	7.0	0.0
-67.5°	22.8	12.7	6.3	0.0
-70°	19.0	11.4	5.7	0.0
-72.5°	16.5	10.1	5.1	0.0
-75°	13.9	8.9	4.4	0.0
-77.5°	12.0	7.6	3.8	0.0
-80°	9.5	5.7	2.5	0.0
-82.5°	7.0	4.4	1.9	0.0
-85°	4.4	3.2	1.3	0.0
-87.5°	2.5	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)