

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: P721988

Luminaire Tested: **IFLD-S-SA2A-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721988  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

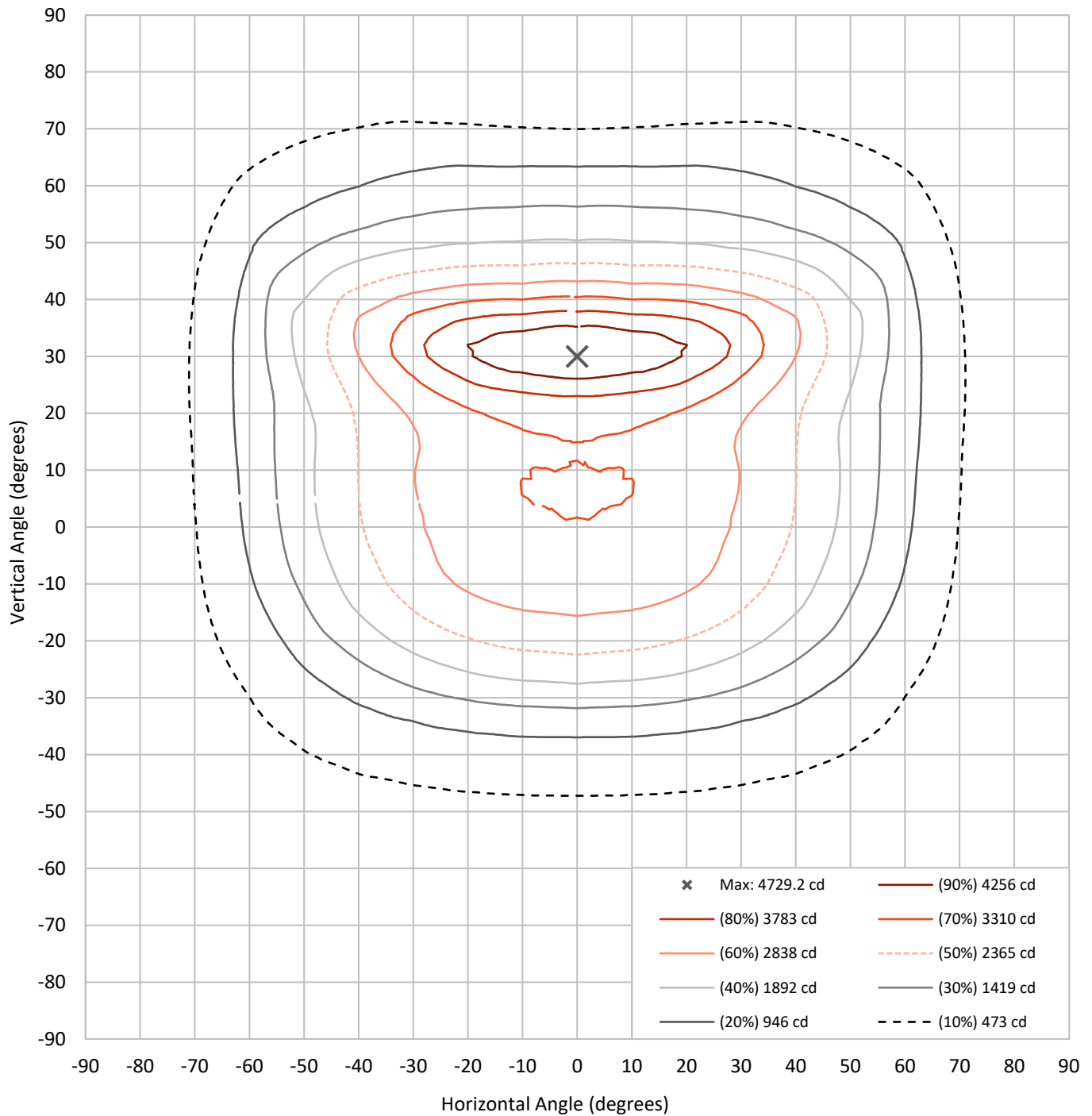
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 7894.2 lumens	Max Intensity: 4729.2 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 123.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 4590.6 lumens	Field Lumens: 7397.9 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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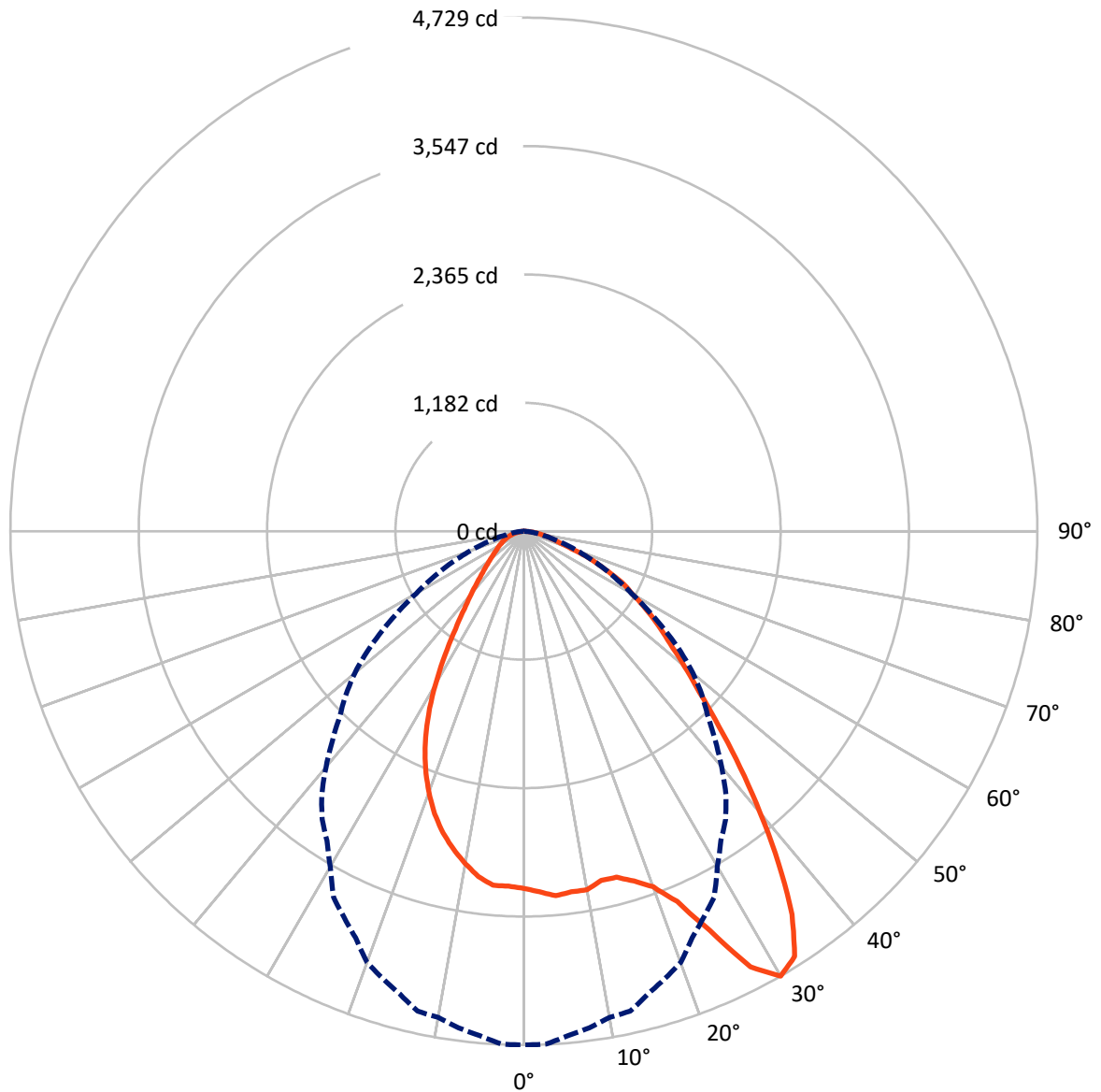
### Iso-Candela Plot





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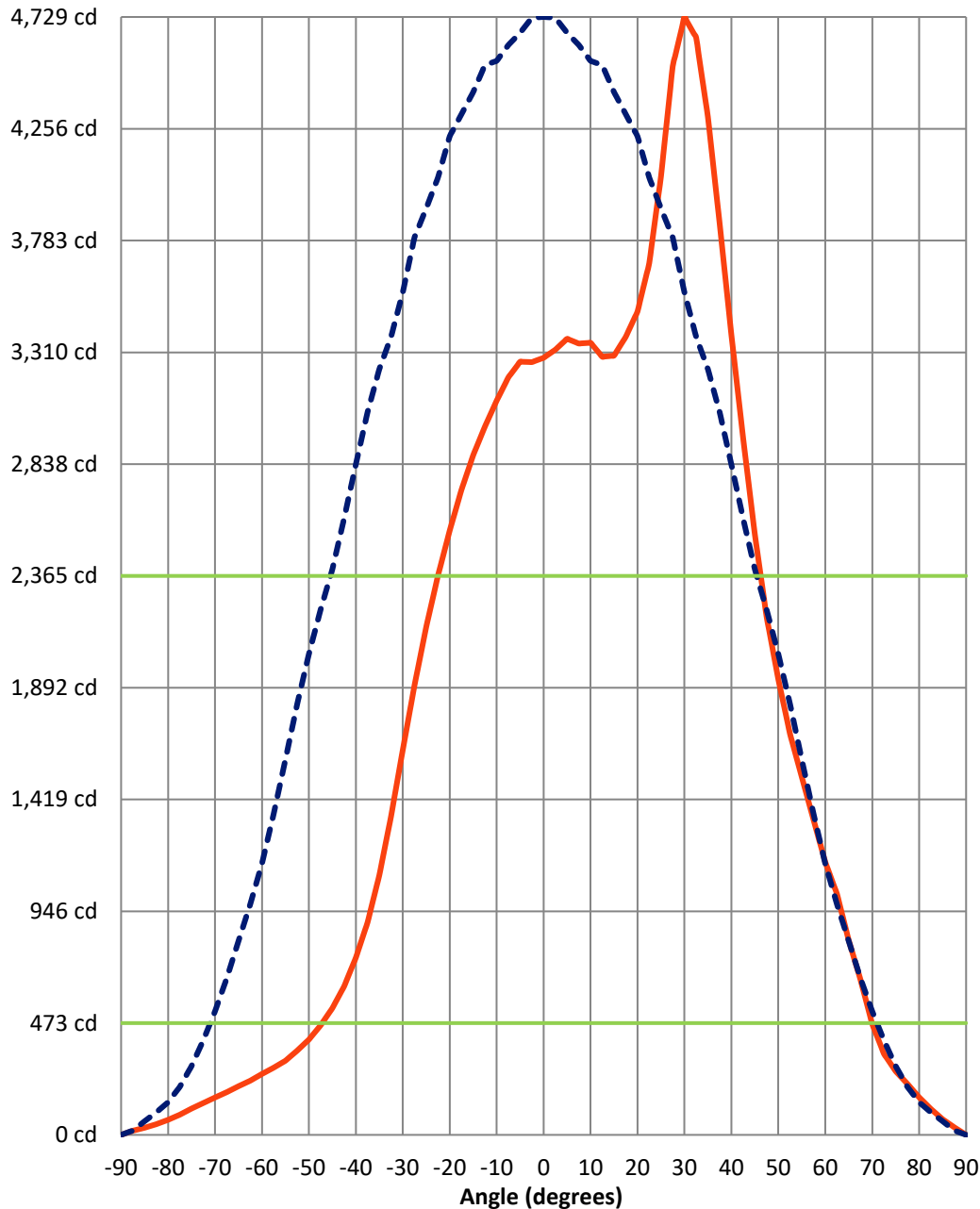
### Luminous Intensity Polar Plot



— 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: 4590.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 7397.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 496.3  
 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°	31.8	32.6	33.5	33.5	32.6	32.6	32.6	31.8	32.6	32.6	32.6
85°	66.1	67.7	69.4	68.6	67.7	66.1	64.4	65.2	66.1	66.9	66.9
82.5°	109.6	112.1	113.7	112.9	111.2	109.6	107.9	108.7	110.4	111.2	111.2
80°	158.9	159.7	160.6	162.2	159.7	159.7	158.9	162.2	163.9	165.6	167.3
77.5°	215.8	216.6	216.6	217.4	218.3	219.1	219.1	225.0	229.1	231.7	234.2
75°	269.3	271.8	274.3	276.8	280.2	281.8	284.3	292.7	299.4	304.4	309.4
72.5°	342.9	346.2	350.4	356.3	362.1	366.3	372.1	382.2	389.7	394.7	400.6
70°	469.2	472.5	476.7	480.9	486.7	490.9	496.8	509.3	516.8	520.2	523.5
67.5°	656.5	664.8	672.4	664.0	659.8	654.0	655.6	667.4	674.9	679.9	679.1
65°	822.9	828.8	828.8	827.9	824.6	817.1	821.2	835.5	843.8	848.0	835.5
62.5°	1018.6	1018.6	1014.4	1021.1	1021.9	1016.9	1014.4	1015.3	1016.1	1018.6	997.7
60°	1154.1	1162.4	1164.9	1170.8	1172.5	1172.5	1176.7	1180.0	1180.0	1175.0	1150.7
57.5°	1333.0	1348.9	1352.3	1348.1	1339.7	1328.9	1327.2	1322.2	1312.1	1302.1	1290.4
55°	1513.7	1522.0	1521.2	1518.7	1510.3	1497.8	1499.5	1492.8	1476.9	1464.3	1448.5
52.5°	1695.2	1715.2	1718.6	1713.6	1701.8	1688.5	1689.3	1681.8	1665.9	1652.5	1630.8
50°	1926.8	1943.5	1941.9	1933.5	1916.8	1906.7	1907.6	1893.4	1875.0	1870.8	1842.3
47.5°	2191.9	2211.1	2207.8	2196.1	2173.5	2169.3	2173.5	2155.1	2144.2	2135.0	2101.6
45°	2539.8	2562.4	2549.8	2527.3	2491.3	2495.5	2501.3	2498.0	2474.6	2450.3	2407.7
42.5°	2947.9	2962.1	2947.1	2924.5	2879.3	2887.7	2884.4	2864.3	2850.1	2809.9	2755.6
40°	3384.5	3415.4	3392.0	3356.9	3310.0	3322.6	3313.4	3287.4	3254.0	3203.8	3135.2
37.5°	3855.3	3879.5	3852.8	3811.8	3770.0	3765.8	3747.4	3707.3	3659.6	3604.4	3494.8
35°	4306.0	4368.8	4319.4	4254.2	4203.2	4184.0	4166.4	4073.6	4019.2	3929.7	3780.0
32.5°	4641.4	4687.4	4626.3	4558.6	4496.7	4470.0	4408.1	4297.7	4268.4	4080.3	3943.1
30°	4729.2	4725.9	4662.3	4610.5	4543.6	4525.2	4411.4	4317.8	4224.1	4050.1	3919.7
27.5°	4520.1	4499.2	4438.2	4393.0	4327.0	4305.2	4193.1	4143.0	3998.3	3851.1	3740.7
25°	4054.3	4065.2	4019.2	3996.6	3953.1	3906.3	3862.0	3794.2	3703.9	3575.1	3473.9
22.5°	3687.2	3701.4	3682.2	3655.4	3622.0	3596.0	3562.6	3509.9	3422.9	3343.5	3248.1
20°	3483.1	3479.0	3462.2	3442.2	3410.4	3392.0	3355.2	3310.9	3244.0	3175.4	3072.5
17.5°	3376.1	3350.2	3334.3	3326.8	3310.0	3286.6	3243.1	3198.0	3146.1	3068.3	2993.1
15°	3296.6	3300.8	3288.3	3282.4	3269.1	3236.4	3192.1	3155.3	3085.1	3045.8	2977.2
12.5°	3291.6	3287.4	3288.3	3285.8	3269.1	3227.2	3204.7	3157.8	3112.7	3060.8	2982.2
10°	3351.0	3306.7	3310.0	3321.7	3295.0	3261.5	3237.3	3186.3	3143.6	3077.5	2999.8
7.5°	3347.7	3325.1	3331.8	3312.5	3320.9	3279.9	3246.5	3195.5	3141.9	3071.7	3001.4
5°	3367.7	3333.4	3327.6	3329.3	3308.4	3277.4	3232.3	3183.7	3133.6	3055.0	2983.0
2.5°	3321.7	3326.8	3300.0	3290.0	3287.4	3235.6	3193.8	3147.0	3095.1	3025.7	2961.3
0°	3287.4	3296.6	3269.1	3254.8	3254.0	3209.7	3182.9	3129.4	3092.6	3034.9	2957.1
-2.5°	3269.1	3279.9	3283.3	3257.3	3232.3	3198.0	3152.8	3095.1	3034.9	2968.0	2901.1
-5°	3270.7	3249.0	3239.8	3248.1	3226.4	3192.1	3141.9	3090.9	3031.5	2959.6	2876.0
-7.5°	3204.7	3182.9	3181.2	3177.1	3172.0	3139.4	3097.6	3042.4	2982.2	2915.3	2837.5
-10°	3106.0	3090.1	3085.9	3081.7	3068.3	3049.1	3009.8	2959.6	2905.3	2838.4	2755.6
-12.5°	2996.4	2988.9	2973.0	2962.1	2948.8	2926.2	2888.5	2842.5	2788.2	2728.8	2657.7
-15°	2875.2	2860.9	2845.1	2835.9	2816.6	2789.9	2752.2	2709.6	2650.2	2591.7	2524.8
-17.5°	2728.8	2711.2	2693.7	2691.2	2677.8	2636.8	2601.7	2549.8	2498.0	2442.0	2376.7
-20°	2556.5	2532.3	2520.6	2513.9	2495.5	2465.4	2427.7	2380.1	2329.9	2276.4	2201.1



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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°	2365.9	2345.0	2324.9	2312.3	2296.4	2273.0	2237.1	2195.3	2145.9	2085.7	2016.3
-25°	2149.3	2120.0	2107.4	2093.2	2084.9	2063.1	2028.0	1989.5	1938.5	1880.0	1813.9
-27.5°	1901.7	1878.3	1871.6	1851.5	1841.5	1818.9	1789.7	1753.7	1706.9	1651.7	1597.3
-30°	1628.3	1614.0	1603.2	1583.1	1575.6	1551.3	1532.1	1502.0	1459.3	1420.0	1376.5
-32.5°	1347.3	1333.0	1329.7	1320.5	1315.5	1299.6	1277.8	1256.1	1221.8	1192.5	1157.4
-35°	1098.0	1088.0	1088.8	1088.0	1083.0	1071.3	1044.5	1038.7	1013.6	986.8	964.2
-37.5°	899.0	899.8	899.0	898.2	891.5	886.5	867.2	859.7	844.7	818.7	805.3
-40°	749.3	751.0	750.2	748.5	741.0	738.4	725.9	715.9	710.0	691.6	677.4
-42.5°	628.1	630.6	629.7	628.9	623.9	623.0	616.3	604.6	601.3	590.4	575.4
-45°	536.1	535.2	533.6	535.2	532.7	530.2	526.0	518.5	514.3	509.3	496.8
-47.5°	463.3	464.1	462.5	462.5	459.1	456.6	454.9	449.9	446.6	442.4	434.9
-50°	403.1	406.4	405.6	404.8	402.3	400.6	400.6	395.6	390.5	388.9	383.9
-52.5°	356.3	358.8	359.6	361.3	362.1	362.9	360.4	355.4	347.1	346.2	343.7
-55°	313.6	321.1	326.2	329.5	332.8	335.4	330.3	323.6	315.3	311.9	311.1
-57.5°	284.3	291.9	297.7	302.7	306.9	311.1	306.1	299.4	291.9	287.7	286.8
-60°	257.6	264.3	270.1	276.8	282.7	289.4	286.8	281.8	277.6	274.3	271.0
-62.5°	229.1	235.8	242.5	250.9	258.4	265.1	265.9	265.1	264.3	265.1	259.2
-65°	205.7	209.1	213.3	222.5	230.8	238.3	242.5	245.0	249.2	253.4	247.5
-67.5°	180.6	184.8	189.8	196.5	203.2	208.2	214.1	220.8	227.5	234.2	230.0
-70°	158.1	161.4	165.6	168.9	173.1	176.5	181.5	189.0	196.5	203.2	201.5
-72.5°	134.6	138.0	140.5	142.2	144.7	146.4	148.9	155.5	160.6	163.9	163.9
-75°	111.2	114.6	117.1	117.9	119.6	120.4	122.1	124.6	127.1	128.0	128.8
-77.5°	85.3	88.6	91.2	92.8	94.5	96.2	97.0	98.7	99.5	99.5	100.4
-80°	63.6	66.1	67.7	70.2	71.1	72.8	74.4	75.3	76.1	76.1	76.9
-82.5°	45.2	46.8	48.5	50.2	51.8	52.7	54.4	55.2	56.0	56.9	57.7
-85°	30.1	31.8	33.5	35.1	36.0	36.8	37.6	38.5	39.3	40.1	41.0
-87.5°	17.6	18.4	19.2	20.9	21.7	23.4	24.3	23.4	24.3	24.3	24.3
-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°	32.6	32.6	32.6	32.6	31.8	30.1	29.3	27.6	25.9	24.3	22.6
85°	67.7	68.6	68.6	68.6	66.9	66.1	63.6	61.0	57.7	52.7	48.5
82.5°	112.9	113.7	113.7	112.9	111.2	108.7	105.4	101.2	94.5	87.8	82.0
80°	169.8	170.6	170.6	169.8	165.6	161.4	157.2	152.2	143.8	134.6	124.6
77.5°	237.5	239.2	239.2	236.7	230.8	225.8	219.1	210.7	198.2	184.8	171.4
75°	316.1	320.3	321.1	318.6	311.1	301.9	291.0	276.8	257.6	240.9	225.0
72.5°	407.3	411.5	414.8	411.5	400.6	388.0	372.1	355.4	336.2	313.6	286.8
70°	526.9	531.0	533.6	522.7	503.4	482.5	463.3	444.1	421.5	393.9	364.6
67.5°	677.4	673.2	668.2	646.5	622.2	597.1	570.3	541.9	512.6	483.4	449.1
65°	822.1	810.4	799.5	773.6	742.6	710.0	679.1	647.3	612.2	575.4	542.8
62.5°	974.3	949.2	922.4	890.6	858.9	822.9	792.0	754.3	715.0	669.9	628.1
60°	1124.0	1093.9	1067.1	1027.8	986.0	937.5	904.0	867.2	821.2	772.7	723.4
57.5°	1268.6	1236.0	1206.8	1172.5	1127.3	1074.6	1037.8	990.2	941.7	880.6	830.4
55°	1422.5	1389.9	1366.5	1328.0	1278.7	1230.2	1190.0	1139.9	1072.1	1006.9	945.0
52.5°	1599.0	1573.1	1548.0	1508.7	1449.3	1399.9	1355.6	1299.6	1228.5	1148.2	1073.8
50°	1796.3	1783.0	1756.2	1710.2	1642.5	1599.0	1540.4	1466.0	1389.9	1305.4	1212.6
47.5°	2058.1	2036.4	1998.7	1948.6	1891.7	1826.5	1747.8	1660.9	1553.0	1459.3	1360.6
45°	2370.9	2330.7	2282.2	2214.5	2144.2	2070.6	1984.5	1874.1	1729.4	1607.3	1503.6
42.5°	2709.6	2655.2	2589.1	2500.5	2409.3	2319.0	2226.2	2075.7	1895.0	1754.5	1637.5
40°	3063.3	2993.9	2911.1	2782.3	2681.1	2564.9	2458.7	2233.7	2041.4	1889.2	1764.6
37.5°	3409.5	3321.7	3182.9	3026.5	2908.6	2813.3	2579.9	2339.1	2166.8	1999.6	1873.3
35°	3674.7	3600.2	3355.2	3192.9	3091.8	2941.2	2649.4	2402.7	2220.3	2081.5	1885.0
32.5°	3831.9	3639.5	3424.6	3260.7	3177.1	2930.4	2654.4	2421.1	2245.4	2089.9	1854.9
30°	3796.7	3564.3	3376.1	3238.9	3057.5	2835.9	2607.5	2392.6	2222.0	2033.9	1821.4
27.5°	3585.2	3405.4	3237.3	3094.3	2916.1	2717.1	2506.4	2317.4	2158.5	1976.1	1775.4
25°	3346.0	3182.9	3058.3	2933.7	2764.8	2574.9	2389.3	2253.0	2093.2	1913.4	1715.2
22.5°	3126.0	3009.0	2911.1	2780.7	2615.9	2450.3	2334.9	2193.6	2029.7	1847.4	1653.3
20°	2985.5	2906.1	2794.0	2650.2	2520.6	2416.9	2288.9	2139.2	1970.3	1779.6	1600.7
17.5°	2917.8	2825.8	2701.2	2607.5	2508.0	2394.3	2251.3	2092.4	1912.6	1748.7	1606.5
15°	2882.7	2785.7	2703.7	2611.7	2499.7	2380.1	2221.2	2056.4	1912.6	1761.2	1610.7
12.5°	2890.2	2806.6	2717.1	2616.7	2496.3	2368.4	2224.5	2071.5	1922.6	1770.4	1611.5
10°	2913.6	2825.8	2730.5	2619.3	2498.0	2371.7	2233.7	2080.7	1927.6	1774.6	1609.9
7.5°	2922.0	2826.7	2724.6	2612.6	2493.8	2370.0	2235.4	2083.2	1928.5	1773.8	1604.8
5°	2896.1	2809.9	2711.2	2598.3	2482.1	2361.7	2228.7	2079.8	1921.8	1765.4	1592.3
2.5°	2860.9	2791.5	2697.0	2588.3	2470.4	2350.0	2217.8	2064.8	1906.7	1750.4	1576.4
0°	2855.1	2769.0	2673.6	2576.6	2451.2	2324.0	2192.7	2036.4	1879.1	1721.9	1548.8
-2.5°	2816.6	2725.5	2630.1	2524.8	2414.4	2286.4	2148.4	1995.4	1839.8	1685.1	1518.7
-5°	2787.3	2686.2	2585.0	2471.2	2360.0	2232.1	2089.0	1940.2	1788.0	1637.5	1476.9
-7.5°	2748.0	2644.3	2538.1	2419.4	2299.0	2168.5	2027.2	1878.3	1728.6	1578.9	1425.0
-10°	2668.6	2577.4	2477.9	2355.0	2227.9	2097.4	1956.9	1810.6	1660.9	1509.5	1354.8
-12.5°	2572.4	2476.2	2367.5	2254.6	2140.9	2019.6	1879.1	1735.3	1584.8	1432.6	1278.7
-15°	2447.8	2353.3	2242.1	2131.7	2022.1	1905.9	1782.1	1652.5	1499.5	1349.8	1195.9
-17.5°	2292.3	2203.6	2104.1	1998.7	1890.0	1772.9	1652.5	1543.0	1399.9	1259.5	1107.2
-20°	2125.0	2042.2	1952.7	1853.2	1744.5	1629.9	1516.2	1401.6	1277.8	1154.1	1012.7



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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°	1951.1	1867.4	1777.1	1684.3	1583.9	1477.7	1372.3	1262.8	1154.1	1042.0	922.4
-25°	1750.4	1676.8	1594.0	1503.6	1414.2	1321.3	1221.0	1121.5	1028.6	931.6	833.8
-27.5°	1540.4	1472.7	1397.4	1318.8	1241.9	1164.1	1077.1	985.1	908.2	827.9	746.8
-30°	1319.7	1265.3	1204.3	1135.7	1076.3	1013.6	940.8	864.7	794.5	733.4	668.2
-32.5°	1110.6	1064.6	1021.1	975.9	917.4	868.9	818.7	762.7	700.8	643.1	596.3
-35°	930.8	881.4	863.0	829.6	787.8	745.1	708.3	668.2	621.4	570.3	531.9
-37.5°	779.4	750.2	724.2	705.8	678.2	643.9	614.7	585.4	549.4	511.0	472.5
-40°	661.5	641.4	613.0	603.8	586.2	562.8	532.7	510.1	485.9	456.6	424.0
-42.5°	567.0	552.0	533.6	517.7	510.1	493.4	470.0	448.3	429.0	408.9	383.9
-45°	489.2	479.2	467.5	453.3	447.4	434.0	417.3	393.1	382.2	365.5	347.1
-47.5°	426.5	421.5	413.1	403.9	395.6	385.5	370.5	355.4	340.4	329.5	315.3
-50°	377.2	373.8	368.8	361.3	350.4	343.7	333.7	320.3	306.1	296.9	286.8
-52.5°	337.9	334.5	331.2	325.3	317.0	310.3	301.9	291.0	279.3	270.1	261.8
-55°	307.8	302.7	300.2	295.2	288.5	281.0	273.5	265.9	255.9	247.5	239.2
-57.5°	284.3	277.6	274.3	270.1	263.4	255.9	250.1	242.5	235.8	226.6	219.1
-60°	265.9	258.4	251.7	247.5	241.7	234.2	228.3	222.5	215.8	208.2	199.0
-62.5°	250.9	241.7	232.5	227.5	221.6	214.9	209.1	203.2	196.5	189.0	180.6
-65°	236.7	225.8	214.1	209.1	203.2	196.5	189.0	184.8	179.0	172.3	163.9
-67.5°	219.1	207.4	197.4	191.5	185.7	179.8	173.1	168.9	163.1	154.7	146.4
-70°	193.2	185.7	179.0	173.9	168.9	163.9	157.2	150.5	143.8	136.3	128.8
-72.5°	160.6	158.1	157.2	154.7	148.9	143.0	136.3	129.6	123.8	117.9	112.1
-75°	129.6	131.3	133.0	132.1	126.3	120.4	114.6	108.7	104.5	99.5	94.5
-77.5°	102.9	104.5	106.2	106.2	102.0	98.7	94.5	90.3	87.0	82.8	77.8
-80°	79.4	82.0	84.5	86.1	82.8	80.3	76.9	73.6	70.2	66.9	63.6
-82.5°	60.2	62.7	65.2	66.9	64.4	62.7	60.2	57.7	55.2	51.8	49.3
-85°	43.5	45.2	46.8	47.7	46.0	44.3	42.7	41.0	39.3	36.8	35.1
-87.5°	25.1	25.9	26.8	27.6	25.9	24.3	23.4	21.7	20.9	19.2	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):**

	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°	20.9	19.2	17.6	16.7	15.1	12.5	10.9	9.2	7.5	5.9	5.0
85°	44.3	40.1	35.1	32.6	29.3	25.9	22.6	19.2	15.9	12.5	9.2
82.5°	76.1	71.1	66.1	60.2	52.7	43.5	34.3	28.4	23.4	18.4	14.2
80°	114.6	105.4	97.0	89.5	81.1	69.4	56.9	45.2	31.8	24.3	18.4
77.5°	158.9	148.0	136.3	123.8	110.4	94.5	80.3	65.2	49.3	33.5	23.4
75°	209.1	194.9	179.0	161.4	143.8	122.9	102.9	85.3	66.9	46.8	28.4
72.5°	265.1	247.5	228.3	204.9	177.3	153.0	128.8	105.4	83.6	59.4	38.5
70°	337.0	309.4	281.0	255.9	220.8	182.3	153.9	127.1	99.5	72.8	48.5
67.5°	414.0	380.5	346.2	309.4	265.1	219.9	179.0	148.9	116.2	85.3	57.7
65°	497.6	455.8	412.3	371.3	310.3	256.7	210.7	169.8	132.1	97.0	66.9
62.5°	583.7	534.4	484.2	430.7	360.4	294.4	240.9	193.2	147.2	107.9	75.3
60°	675.7	618.0	557.0	490.1	408.1	335.4	269.3	217.4	163.1	118.8	84.5
57.5°	772.7	710.0	638.1	547.8	457.4	374.7	301.9	239.2	177.3	128.8	91.2
55°	878.1	806.2	727.6	608.0	506.0	414.0	334.5	260.9	192.3	137.2	97.8
52.5°	991.8	908.2	808.7	671.5	557.0	454.1	364.6	280.2	206.6	146.4	103.7
50°	1119.0	1013.6	879.8	730.1	601.3	491.7	394.7	301.1	218.3	156.4	108.7
47.5°	1251.1	1137.4	943.3	784.4	646.5	528.5	425.7	319.5	230.0	164.7	113.7
45°	1389.1	1223.5	1009.4	832.9	685.8	562.0	449.1	336.2	244.2	172.3	117.9
42.5°	1525.4	1288.7	1067.1	881.4	722.6	592.1	468.3	352.1	255.9	179.8	122.1
40°	1589.8	1338.1	1113.1	914.9	753.5	618.9	485.0	366.3	265.9	184.8	126.3
37.5°	1616.5	1368.2	1143.2	946.7	777.7	633.1	499.3	378.8	274.3	189.8	129.6
35°	1622.4	1379.0	1158.3	968.4	797.8	646.5	510.1	388.0	281.0	194.9	133.0
32.5°	1611.5	1375.7	1162.4	975.9	810.4	656.5	517.7	394.7	286.0	199.9	136.3
30°	1587.3	1358.1	1147.4	975.1	819.6	662.3	522.7	399.7	291.0	203.2	138.0
27.5°	1548.0	1327.2	1128.2	975.9	824.6	664.8	525.2	402.3	294.4	205.7	141.3
25°	1499.5	1285.4	1129.0	974.3	825.4	665.7	525.2	402.3	295.2	206.6	143.8
22.5°	1443.4	1285.4	1129.0	971.8	820.4	664.0	522.7	400.6	295.2	208.2	146.4
20°	1446.8	1286.2	1126.5	966.7	812.9	659.0	516.8	396.4	292.7	210.7	148.0
17.5°	1449.3	1284.5	1121.5	960.1	802.8	650.6	509.3	390.5	292.7	213.3	148.9
15°	1449.3	1279.5	1113.9	950.0	790.3	638.9	498.4	385.5	293.5	214.1	150.5
12.5°	1446.8	1270.3	1102.2	936.6	775.2	624.7	491.7	383.9	293.5	214.9	150.5
10°	1441.8	1257.8	1087.2	919.9	761.0	619.7	488.4	380.5	291.9	214.9	150.5
7.5°	1432.6	1242.7	1074.6	909.9	752.7	613.8	483.4	375.5	289.4	213.3	152.2
5°	1418.3	1234.4	1064.6	898.2	741.0	609.7	480.0	371.3	287.7	213.3	150.5
2.5°	1399.9	1224.3	1052.9	883.1	727.6	595.4	469.2	362.1	281.8	209.9	148.9
0°	1369.8	1204.3	1032.8	862.2	709.2	581.2	458.3	352.9	276.0	206.6	147.2
-2.5°	1342.2	1177.5	1006.9	840.5	691.6	568.7	449.9	347.9	273.5	205.7	146.4
-5°	1303.8	1140.7	972.6	812.0	668.2	556.1	441.6	342.0	271.0	204.1	146.4
-7.5°	1261.1	1102.2	936.6	782.8	644.8	534.4	425.7	332.8	265.1	200.7	145.5
-10°	1195.1	1044.5	891.5	749.3	619.7	515.2	412.3	324.5	260.1	197.4	142.2
-12.5°	1124.8	981.0	839.6	708.3	591.3	495.1	397.2	315.3	254.2	194.0	140.5
-15°	1050.4	915.7	785.3	665.7	560.3	470.8	381.3	305.2	248.4	189.8	138.0
-17.5°	972.6	847.2	729.2	622.2	529.4	445.7	364.6	296.0	241.7	185.7	135.5
-20°	890.6	776.9	672.4	577.9	496.8	420.7	347.1	285.2	234.2	180.6	132.1



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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°	809.5	707.5	613.8	534.4	463.3	394.7	329.5	274.3	225.8	174.8	129.6
-25°	737.6	642.3	562.0	492.6	430.7	369.6	311.1	263.4	216.6	168.9	126.3
-27.5°	667.4	586.2	511.0	453.3	398.9	345.4	293.5	251.7	207.4	162.2	122.9
-30°	602.1	532.7	470.8	414.8	368.8	323.6	278.5	240.0	197.4	155.5	118.8
-32.5°	542.8	486.7	434.9	381.3	340.4	301.9	264.3	228.3	187.3	148.9	114.6
-35°	487.6	444.1	398.9	353.7	311.9	281.8	249.2	215.8	178.1	141.3	110.4
-37.5°	438.2	403.1	367.1	328.7	292.7	262.6	235.0	203.2	168.9	134.6	106.2
-40°	395.6	367.1	335.4	304.4	274.3	245.9	220.8	190.7	159.7	129.6	102.0
-42.5°	356.3	334.5	308.6	282.7	255.9	230.8	206.6	177.3	150.5	123.8	97.8
-45°	326.2	304.4	283.5	260.1	237.5	215.8	191.5	165.6	142.2	117.1	93.7
-47.5°	297.7	278.5	259.2	240.0	221.6	201.5	177.3	155.5	133.0	111.2	90.3
-50°	272.6	254.2	237.5	220.8	204.9	185.7	163.1	145.5	125.4	105.4	86.1
-52.5°	249.2	233.3	216.6	203.2	189.8	170.6	152.2	135.5	117.9	98.7	82.0
-55°	228.3	213.3	198.2	185.7	173.1	156.4	141.3	127.1	110.4	93.7	77.8
-57.5°	208.2	195.7	181.5	169.8	157.2	143.8	131.3	117.9	102.9	88.6	73.6
-60°	189.8	178.1	165.6	153.9	143.0	132.1	120.4	109.6	96.2	82.8	69.4
-62.5°	171.4	161.4	150.5	138.8	130.5	120.4	111.2	100.4	89.5	77.8	61.9
-65°	154.7	145.5	135.5	125.4	117.9	110.4	102.0	92.0	82.8	71.9	55.2
-67.5°	138.0	129.6	121.3	112.9	106.2	100.4	92.0	84.5	76.9	65.2	48.5
-70°	122.1	115.4	107.9	101.2	96.2	89.5	83.6	76.9	70.2	56.9	41.0
-72.5°	107.0	100.4	94.5	89.5	85.3	79.4	74.4	69.4	60.2	47.7	34.3
-75°	89.5	85.3	82.0	77.8	73.6	69.4	65.2	59.4	50.2	38.5	26.8
-77.5°	73.6	71.1	68.6	65.2	61.9	58.5	53.5	47.7	40.1	30.1	21.7
-80°	60.2	57.7	56.0	52.7	50.2	46.8	41.8	36.8	29.3	23.4	17.6
-82.5°	46.0	44.3	42.7	41.0	38.5	35.1	30.1	25.9	21.7	17.6	13.4
-85°	32.6	31.8	30.1	28.4	25.9	23.4	20.1	17.6	15.1	11.7	9.2
-87.5°	16.7	15.9	15.1	14.2	13.4	11.7	10.0	8.4	7.5	5.9	4.2
-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°	3.3	2.5	0.8	0.0
85°	6.7	4.2	1.7	0.0
82.5°	10.0	6.7	2.5	0.0
80°	13.4	8.4	4.2	0.0
77.5°	16.7	10.0	5.0	0.0
75°	20.1	12.5	5.9	0.0
72.5°	22.6	14.2	6.7	0.0
70°	26.8	16.7	7.5	0.0
67.5°	33.5	18.4	8.4	0.0
65°	39.3	20.1	9.2	0.0
62.5°	46.0	21.7	10.0	0.0
60°	51.8	23.4	10.9	0.0
57.5°	57.7	27.6	11.7	0.0
55°	62.7	30.9	12.5	0.0
52.5°	68.6	34.3	13.4	0.0
50°	73.6	37.6	14.2	0.0
47.5°	77.8	41.0	14.2	0.0
45°	81.1	43.5	15.1	0.0
42.5°	83.6	46.0	15.9	0.0
40°	86.1	48.5	16.7	0.0
37.5°	88.6	51.0	16.7	0.0
35°	91.2	53.5	17.6	0.0
32.5°	93.7	56.0	17.6	0.0
30°	95.3	57.7	18.4	0.0
27.5°	97.8	59.4	18.4	0.0
25°	98.7	61.0	19.2	0.0
22.5°	100.4	61.9	19.2	0.0
20°	102.0	63.6	19.2	0.0
17.5°	102.9	64.4	20.1	0.0
15°	102.9	65.2	20.9	0.0
12.5°	103.7	66.1	20.9	0.0
10°	103.7	67.7	20.1	0.0
7.5°	105.4	66.9	20.1	0.0
5°	104.5	66.9	20.1	0.0
2.5°	103.7	66.1	20.1	0.0
0°	102.9	66.1	20.1	0.0
-2.5°	102.9	66.1	20.1	0.0
-5°	102.9	66.1	20.1	0.0
-7.5°	102.0	66.9	20.1	0.0
-10°	100.4	66.9	20.1	0.0
-12.5°	99.5	64.4	20.1	0.0
-15°	98.7	63.6	20.1	0.0
-17.5°	97.0	62.7	19.2	0.0
-20°	95.3	61.9	19.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	93.7	60.2	19.2	0.0
-25°	92.0	58.5	18.4	0.0
-27.5°	90.3	56.9	18.4	0.0
-30°	87.8	55.2	17.6	0.0
-32.5°	85.3	53.5	17.6	0.0
-35°	83.6	51.0	16.7	0.0
-37.5°	81.1	48.5	16.7	0.0
-40°	78.6	46.0	15.9	0.0
-42.5°	76.1	43.5	15.1	0.0
-45°	72.8	41.0	15.1	0.0
-47.5°	70.2	38.5	14.2	0.0
-50°	66.1	35.1	13.4	0.0
-52.5°	61.0	31.8	12.5	0.0
-55°	56.0	29.3	11.7	0.0
-57.5°	51.0	25.9	11.7	0.0
-60°	46.0	22.6	10.9	0.0
-62.5°	41.0	20.9	10.0	0.0
-65°	36.0	19.2	9.2	0.0
-67.5°	30.1	16.7	8.4	0.0
-70°	25.1	15.1	7.5	0.0
-72.5°	21.7	13.4	6.7	0.0
-75°	18.4	11.7	5.9	0.0
-77.5°	15.9	10.0	5.0	0.0
-80°	12.5	7.5	3.3	0.0
-82.5°	9.2	5.9	2.5	0.0
-85°	5.9	4.2	1.7	0.0
-87.5°	3.3	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)