

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: P722046

Luminaire Tested: **IFLD-S-SA2A-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722046
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

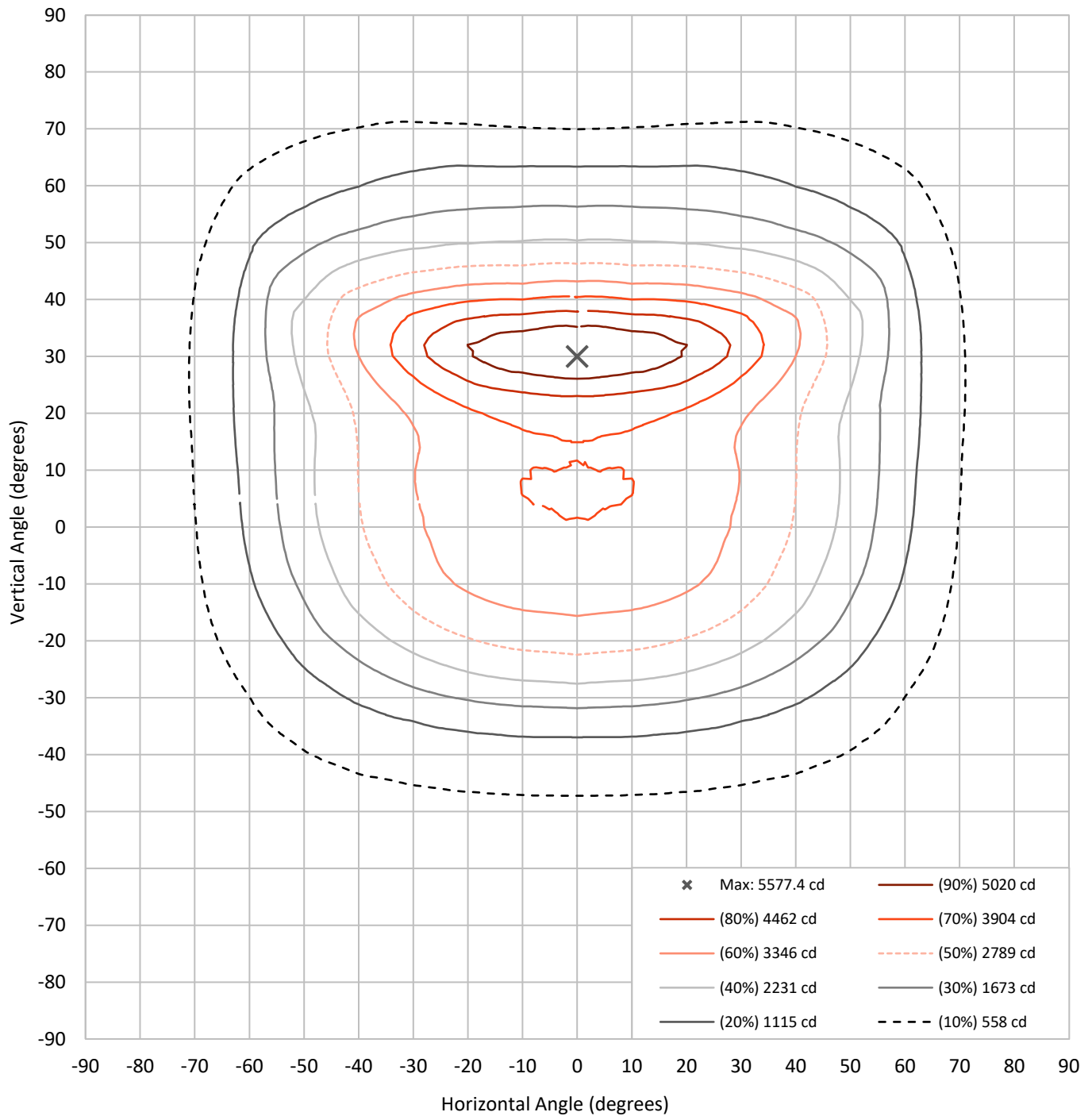
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 9310.2 lumens	Max Intensity: 5577.4 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 145.9 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 5414 lumens	Field Lumens: 8724.8 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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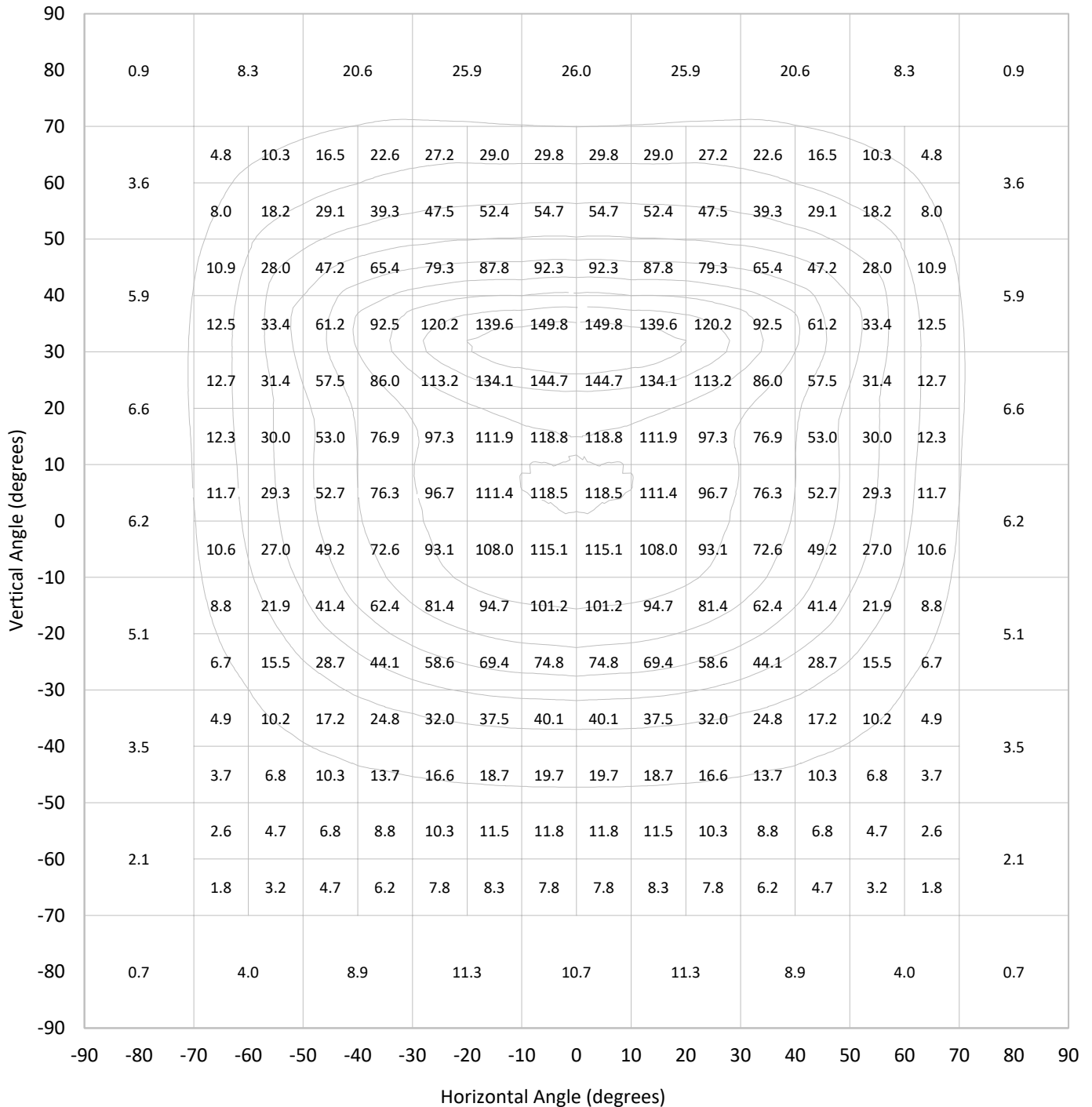
Iso-Candela Plot





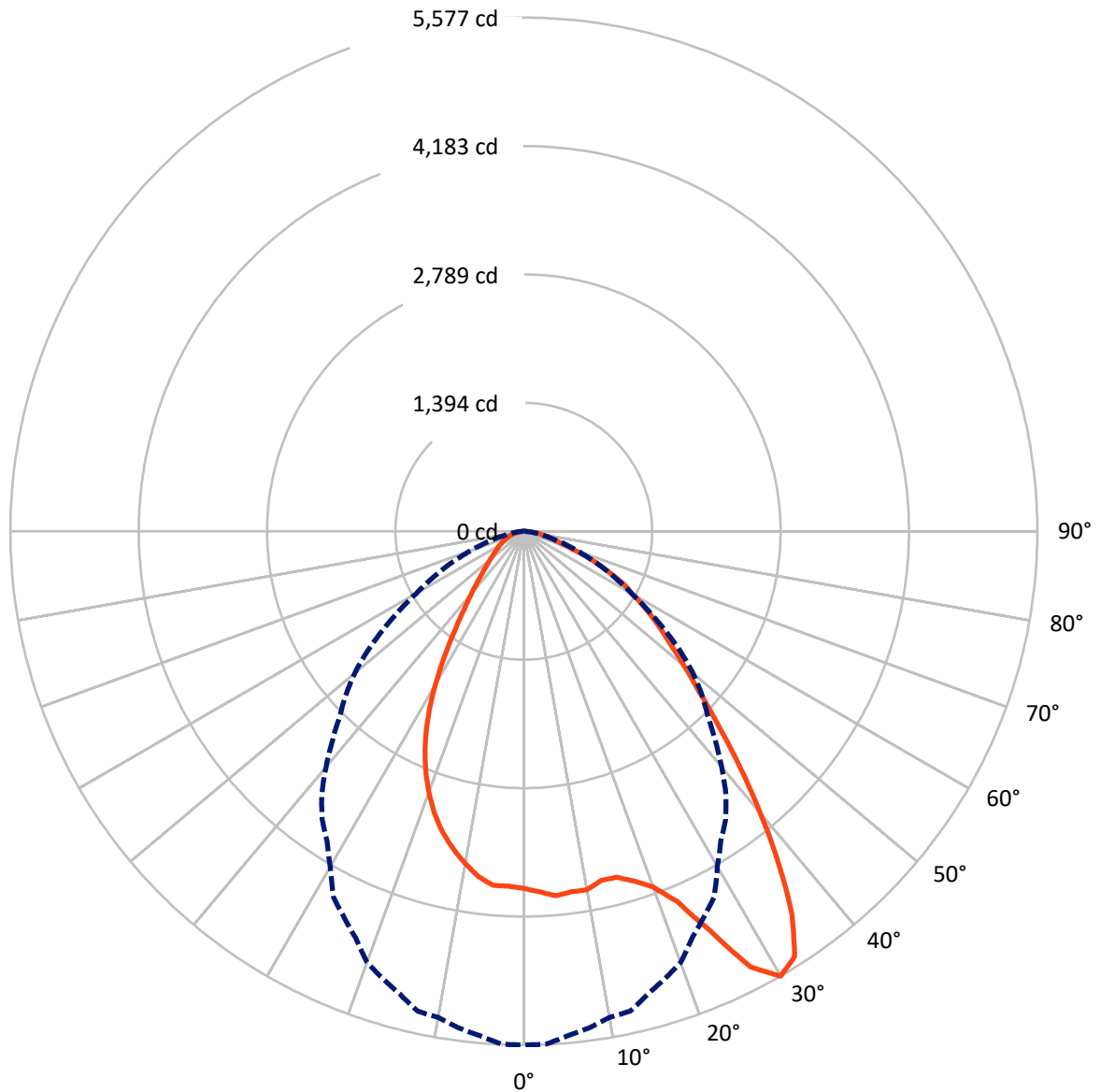
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Lumen Table



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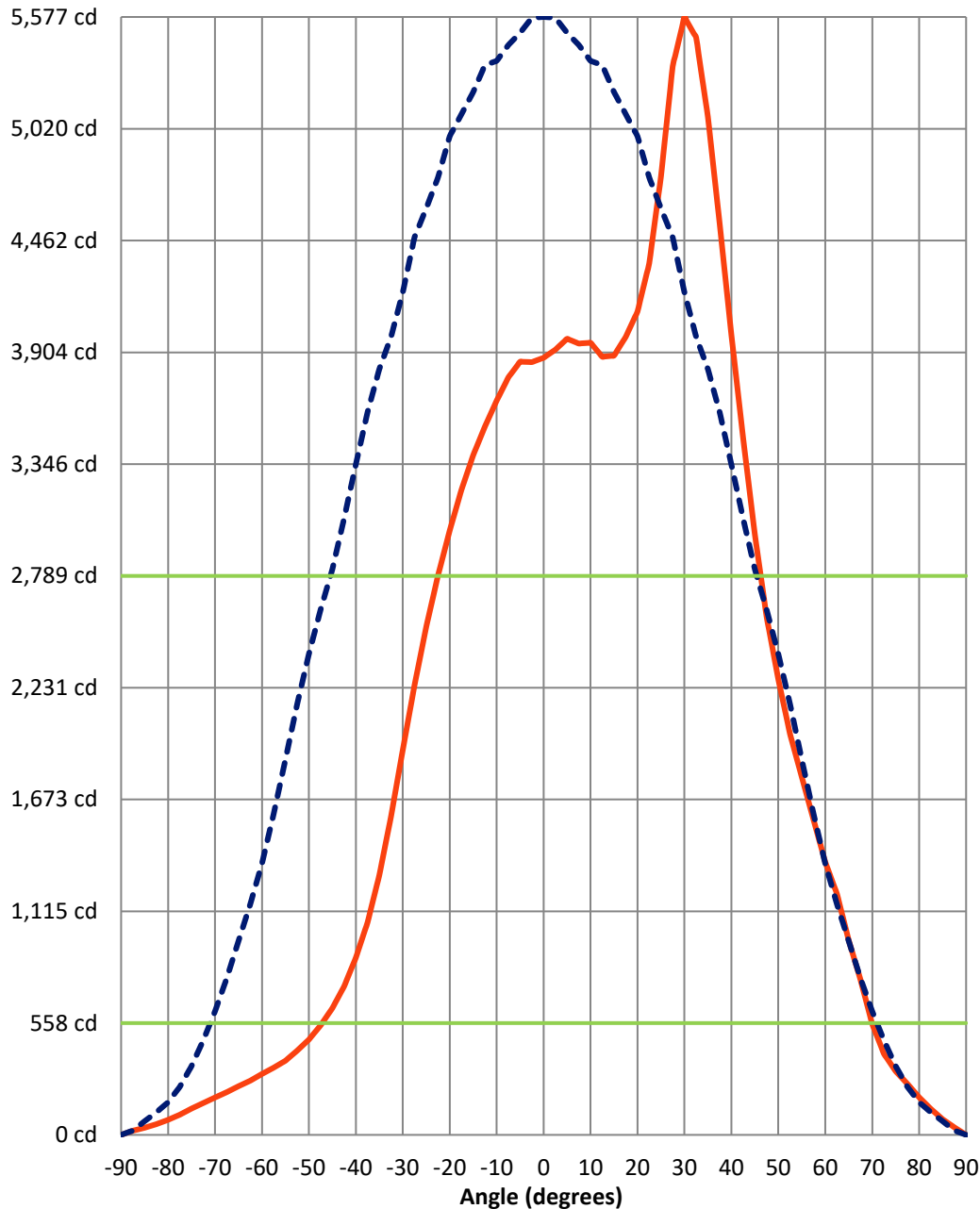
Luminous Intensity Polar Plot



— 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: 5414
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 8724.8
 Efficiency: 93.7%

Spill:
 Lumens: 585.3
 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°	37.5	38.5	39.5	39.5	38.5	38.5	38.5	37.5	38.5	38.5	38.5
85°	77.9	79.9	81.9	80.9	79.9	77.9	75.9	76.9	77.9	78.9	78.9
82.5°	129.2	132.2	134.1	133.1	131.2	129.2	127.2	128.2	130.2	131.2	131.2
80°	187.4	188.4	189.4	191.3	188.4	188.4	187.4	191.3	193.3	195.3	197.3
77.5°	254.5	255.4	255.4	256.4	257.4	258.4	258.4	265.3	270.2	273.2	276.2
75°	317.6	320.5	323.5	326.5	330.4	332.4	335.3	345.2	353.1	359.0	364.9
72.5°	404.4	408.3	413.3	420.2	427.1	432.0	438.9	450.7	459.6	465.5	472.4
70°	553.3	557.3	562.2	567.1	574.0	578.9	585.9	600.6	609.5	613.5	617.4
67.5°	774.2	784.1	793.0	783.1	778.2	771.3	773.2	787.1	795.9	801.9	800.9
65°	970.5	977.4	977.4	976.4	972.5	963.6	968.5	985.3	995.2	1000.1	985.3
62.5°	1201.3	1201.3	1196.4	1204.3	1205.2	1199.3	1196.4	1197.4	1198.3	1201.3	1176.6
60°	1361.1	1370.9	1373.9	1380.8	1382.8	1382.8	1387.7	1391.6	1391.6	1385.7	1357.1
57.5°	1572.1	1590.9	1594.8	1589.9	1580.0	1567.2	1565.2	1559.3	1547.5	1535.6	1521.8
55°	1785.2	1795.0	1794.1	1791.1	1781.2	1766.4	1768.4	1760.5	1741.8	1727.0	1708.2
52.5°	1999.2	2022.9	2026.8	2020.9	2007.1	1991.3	1992.3	1983.4	1964.7	1948.9	1923.3
50°	2272.4	2292.1	2290.2	2280.3	2260.6	2248.7	2249.7	2233.0	2211.3	2206.3	2172.8
47.5°	2585.1	2607.7	2603.8	2590.0	2563.4	2558.4	2563.4	2541.7	2528.8	2518.0	2478.5
45°	2995.4	3022.0	3007.2	2980.6	2938.1	2943.1	2950.0	2946.0	2918.4	2889.8	2839.5
42.5°	3476.7	3493.4	3475.7	3449.0	3395.8	3405.6	3401.7	3378.0	3361.3	3313.9	3249.8
40°	3991.5	4028.0	4000.4	3959.0	3903.7	3918.5	3907.7	3877.1	3837.6	3778.5	3697.6
37.5°	4546.8	4575.4	4543.8	4495.5	4446.2	4441.2	4419.5	4372.2	4316.0	4250.9	4121.7
35°	5078.4	5152.4	5094.2	5017.2	4957.1	4934.4	4913.7	4804.2	4740.1	4634.6	4458.0
32.5°	5473.9	5528.1	5456.1	5376.2	5303.3	5271.7	5198.7	5068.5	5034.0	4812.1	4650.3
30°	5577.4	5573.5	5498.5	5437.4	5358.5	5336.8	5202.7	5092.2	4981.7	4776.6	4622.7
27.5°	5330.9	5306.2	5234.2	5181.0	5103.0	5077.4	4945.2	4886.1	4715.4	4541.8	4411.7
25°	4781.5	4794.3	4740.1	4713.5	4662.2	4606.9	4554.7	4474.8	4368.3	4216.4	4097.0
22.5°	4348.5	4365.3	4342.6	4311.1	4271.6	4241.0	4201.6	4139.4	4036.9	3943.2	3830.7
20°	4107.9	4103.0	4083.2	4059.6	4022.1	4000.4	3957.0	3904.7	3825.8	3744.9	3623.6
17.5°	3981.6	3951.1	3932.3	3923.4	3903.7	3876.1	3824.8	3771.6	3710.4	3618.7	3529.9
15°	3887.9	3892.9	3878.1	3871.2	3855.4	3816.9	3764.7	3721.3	3638.4	3592.1	3511.2
12.5°	3882.0	3877.1	3878.1	3875.1	3855.4	3806.1	3779.4	3724.2	3671.0	3609.8	3517.1
10°	3952.0	3899.8	3903.7	3917.5	3886.0	3846.5	3817.9	3757.8	3707.4	3629.5	3537.8
7.5°	3948.1	3921.5	3929.4	3906.7	3916.5	3868.2	3828.8	3768.6	3705.5	3622.6	3539.8
5°	3971.8	3931.3	3924.4	3926.4	3901.7	3865.3	3812.0	3754.8	3695.6	3602.9	3518.1
2.5°	3917.5	3923.4	3891.9	3880.0	3877.1	3815.9	3766.6	3711.4	3650.2	3568.4	3492.4
0°	3877.1	3887.9	3855.4	3838.6	3837.6	3785.4	3753.8	3690.7	3647.3	3579.2	3487.5
-2.5°	3855.4	3868.2	3872.2	3841.6	3812.0	3771.6	3718.3	3650.2	3579.2	3500.3	3421.4
-5°	3857.4	3831.7	3820.9	3830.7	3805.1	3764.7	3705.5	3645.3	3575.3	3490.5	3391.8
-7.5°	3779.4	3753.8	3751.8	3746.9	3741.0	3702.5	3653.2	3588.1	3517.1	3438.2	3346.5
-10°	3663.1	3644.3	3639.4	3634.5	3618.7	3596.0	3549.6	3490.5	3426.4	3347.5	3249.8
-12.5°	3533.9	3525.0	3506.2	3493.4	3477.6	3451.0	3406.6	3352.4	3288.3	3218.3	3134.4
-15°	3390.9	3374.1	3355.3	3344.5	3321.8	3290.3	3245.9	3195.6	3125.5	3056.5	2977.6
-17.5°	3218.3	3197.5	3176.8	3173.9	3158.1	3109.8	3068.3	3007.2	2946.0	2880.0	2803.0
-20°	3015.1	2986.5	2972.7	2964.8	2943.1	2907.6	2863.2	2807.0	2747.8	2684.7	2595.9



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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°	2790.2	2765.5	2741.9	2727.1	2708.3	2680.7	2638.3	2589.0	2530.8	2459.8	2377.9
-25°	2534.8	2500.2	2485.4	2468.7	2458.8	2433.2	2391.7	2346.4	2286.2	2217.2	2139.3
-27.5°	2242.8	2215.2	2207.3	2183.6	2171.8	2145.2	2110.7	2068.2	2013.0	1947.9	1883.8
-30°	1920.3	1903.5	1890.7	1867.0	1858.2	1829.6	1806.9	1771.4	1721.1	1674.7	1623.4
-32.5°	1588.9	1572.1	1568.2	1557.3	1551.4	1532.7	1507.0	1481.4	1441.0	1406.4	1365.0
-35°	1295.0	1283.2	1284.1	1283.2	1277.2	1263.4	1231.9	1225.0	1195.4	1163.8	1137.2
-37.5°	1060.3	1061.2	1060.3	1059.3	1051.4	1045.5	1022.8	1013.9	996.1	965.6	949.8
-40°	883.7	885.7	884.7	882.7	873.8	870.9	856.1	844.3	837.4	815.7	798.9
-42.5°	740.7	743.7	742.7	741.7	735.8	734.8	726.9	713.1	709.1	696.3	678.6
-45°	632.2	631.2	629.3	631.2	628.3	625.3	620.4	611.5	606.6	600.6	585.9
-47.5°	546.4	547.4	545.4	545.4	541.5	538.5	536.5	530.6	526.7	521.7	512.9
-50°	475.4	479.3	478.3	477.4	474.4	472.4	472.4	466.5	460.6	458.6	452.7
-52.5°	420.2	423.1	424.1	426.1	427.1	428.0	425.1	419.2	409.3	408.3	405.4
-55°	369.9	378.7	384.7	388.6	392.5	395.5	389.6	381.7	371.8	367.9	366.9
-57.5°	335.3	344.2	351.1	357.0	362.0	366.9	361.0	353.1	344.2	339.3	338.3
-60°	303.8	311.7	318.6	326.5	333.4	341.3	338.3	332.4	327.4	323.5	319.6
-62.5°	270.2	278.1	286.0	295.9	304.8	312.7	313.6	312.7	311.7	312.7	305.7
-65°	242.6	246.6	251.5	262.4	272.2	281.1	286.0	289.0	293.9	298.8	291.9
-67.5°	213.0	218.0	223.9	231.8	239.7	245.6	252.5	260.4	268.3	276.2	271.2
-70°	186.4	190.4	195.3	199.2	204.2	208.1	214.0	222.9	231.8	239.7	237.7
-72.5°	158.8	162.7	165.7	167.7	170.6	172.6	175.6	183.4	189.4	193.3	193.3
-75°	131.2	135.1	138.1	139.1	141.0	142.0	144.0	147.0	149.9	150.9	151.9
-77.5°	100.6	104.5	107.5	109.5	111.5	113.4	114.4	116.4	117.4	117.4	118.4
-80°	75.0	77.9	79.9	82.8	83.8	85.8	87.8	88.8	89.8	89.8	90.7
-82.5°	53.3	55.2	57.2	59.2	61.1	62.1	64.1	65.1	66.1	67.1	68.1
-85°	35.5	37.5	39.5	41.4	42.4	43.4	44.4	45.4	46.4	47.3	48.3
-87.5°	20.7	21.7	22.7	24.7	25.6	27.6	28.6	27.6	28.6	28.6	28.6
-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°	38.5	38.5	38.5	38.5	37.5	35.5	34.5	32.5	30.6	28.6	26.6
85°	79.9	80.9	80.9	80.9	78.9	77.9	75.0	72.0	68.1	62.1	57.2
82.5°	133.1	134.1	134.1	133.1	131.2	128.2	124.3	119.3	111.5	103.6	96.7
80°	200.2	201.2	201.2	200.2	195.3	190.4	185.4	179.5	169.6	158.8	147.0
77.5°	280.1	282.1	282.1	279.1	272.2	266.3	258.4	248.5	233.7	218.0	202.2
75°	372.8	377.7	378.7	375.8	366.9	356.0	343.2	326.5	303.8	284.1	265.3
72.5°	480.3	485.3	489.2	485.3	472.4	457.6	438.9	419.2	396.5	369.9	338.3
70°	621.4	626.3	629.3	616.4	593.7	569.1	546.4	523.7	497.1	464.5	430.0
67.5°	798.9	794.0	788.0	762.4	733.8	704.2	672.6	639.1	604.6	570.1	529.6
65°	969.5	955.7	942.9	912.3	875.8	837.4	800.9	763.4	722.0	678.6	640.1
62.5°	1149.0	1119.4	1087.9	1050.4	1012.9	970.5	934.0	889.6	843.3	790.0	740.7
60°	1325.6	1290.1	1258.5	1212.1	1162.8	1105.6	1066.2	1022.8	968.5	911.3	853.1
57.5°	1496.2	1457.7	1423.2	1382.8	1329.5	1267.4	1224.0	1167.8	1110.6	1038.6	979.4
55°	1677.7	1639.2	1611.6	1566.2	1508.0	1450.8	1403.5	1344.3	1264.4	1187.5	1114.5
52.5°	1885.8	1855.2	1825.6	1779.3	1709.2	1651.0	1598.8	1532.7	1448.9	1354.2	1266.4
50°	2118.5	2102.8	2071.2	2017.0	1937.1	1885.8	1816.7	1729.0	1639.2	1539.6	1430.1
47.5°	2427.3	2401.6	2357.2	2298.0	2231.0	2154.0	2061.3	1958.8	1831.5	1721.1	1604.7
45°	2796.1	2748.8	2691.6	2611.7	2528.8	2442.0	2340.5	2210.3	2039.6	1895.6	1773.3
42.5°	3195.6	3131.5	3053.5	2949.0	2841.5	2735.0	2625.5	2448.0	2234.9	2069.2	1931.1
40°	3612.8	3530.9	3433.3	3281.4	3162.0	3024.9	2899.7	2634.4	2407.5	2228.0	2081.1
37.5°	4021.1	3917.5	3753.8	3569.4	3430.3	3317.9	3042.7	2758.6	2555.5	2358.2	2209.3
35°	4333.7	4246.0	3957.0	3765.6	3646.3	3468.8	3124.6	2833.6	2618.6	2454.9	2223.1
32.5°	4519.2	4292.3	4038.8	3845.5	3746.9	3455.9	3130.5	2855.3	2648.2	2464.7	2187.6
30°	4477.7	4203.6	3981.6	3819.9	3605.9	3344.5	3075.2	2821.8	2620.6	2398.6	2148.1
27.5°	4228.2	4016.2	3817.9	3649.3	3439.2	3204.4	2955.9	2733.0	2545.6	2330.6	2093.9
25°	3946.1	3753.8	3606.8	3459.9	3260.7	3036.8	2817.8	2657.1	2468.7	2256.6	2022.9
22.5°	3686.7	3548.7	3433.3	3279.4	3085.1	2889.8	2753.7	2587.0	2393.7	2178.7	1949.9
20°	3521.0	3427.3	3295.2	3125.5	2972.7	2850.4	2699.5	2522.9	2323.7	2098.8	1887.8
17.5°	3441.2	3332.7	3185.7	3075.2	2957.9	2823.7	2655.1	2467.7	2255.6	2062.3	1894.7
15°	3399.7	3285.3	3188.7	3080.2	2948.0	2807.0	2619.6	2425.3	2255.6	2077.1	1899.6
12.5°	3408.6	3310.0	3204.4	3086.1	2944.1	2793.2	2623.5	2443.0	2267.5	2088.0	1900.6
10°	3436.2	3332.7	3220.2	3089.0	2946.0	2797.1	2634.4	2453.9	2273.4	2092.9	1898.6
7.5°	3446.1	3333.6	3213.3	3081.2	2941.1	2795.1	2636.3	2456.8	2274.4	2091.9	1892.7
5°	3415.5	3313.9	3197.5	3064.4	2927.3	2785.3	2628.5	2452.9	2266.5	2082.1	1877.9
2.5°	3374.1	3292.2	3180.8	3052.6	2913.5	2771.5	2615.6	2435.1	2248.7	2064.3	1859.1
0°	3367.2	3265.6	3153.2	3038.7	2890.8	2740.9	2586.0	2401.6	2216.2	2030.8	1826.6
-2.5°	3321.8	3214.3	3101.9	2977.6	2847.4	2696.5	2533.8	2353.3	2169.8	1987.4	1791.1
-5°	3287.3	3168.0	3048.6	2914.5	2783.3	2632.4	2463.7	2288.2	2108.7	1931.1	1741.8
-7.5°	3240.9	3118.6	2993.4	2853.3	2711.3	2557.4	2390.8	2215.2	2038.7	1862.1	1680.6
-10°	3147.2	3039.7	2922.4	2777.4	2627.5	2473.6	2307.9	2135.3	1958.8	1780.2	1597.8
-12.5°	3033.8	2920.4	2792.2	2659.0	2524.9	2381.9	2216.2	2046.5	1869.0	1689.5	1508.0
-15°	2886.9	2775.4	2644.2	2514.0	2384.8	2247.7	2101.8	1948.9	1768.4	1591.9	1410.4
-17.5°	2703.4	2598.9	2481.5	2357.2	2229.0	2090.9	1948.9	1819.7	1651.0	1485.3	1305.8
-20°	2506.2	2408.5	2303.0	2185.6	2057.4	1922.3	1788.1	1653.0	1507.0	1361.1	1194.4



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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°	2301.0	2202.4	2095.9	1986.4	1868.0	1742.8	1618.5	1489.3	1361.1	1228.9	1087.9
-25°	2064.3	1977.5	1879.9	1773.3	1667.8	1558.3	1440.0	1322.6	1213.1	1098.7	983.3
-27.5°	1816.7	1736.8	1648.1	1555.4	1464.6	1372.9	1270.3	1161.8	1071.1	976.4	880.8
-30°	1556.4	1492.3	1420.3	1339.4	1269.4	1195.4	1109.6	1019.8	937.0	865.0	788.0
-32.5°	1309.8	1255.5	1204.3	1151.0	1082.0	1024.8	965.6	899.5	826.5	758.5	703.2
-35°	1097.7	1039.5	1017.8	978.4	929.1	878.8	835.4	788.0	732.8	672.6	627.3
-37.5°	919.2	884.7	854.1	832.4	799.9	759.4	724.9	690.4	648.0	602.6	557.3
-40°	780.2	756.5	722.9	712.1	691.4	663.8	628.3	601.6	573.0	538.5	500.0
-42.5°	668.7	650.9	629.3	610.5	601.6	581.9	554.3	528.6	506.0	482.3	452.7
-45°	577.0	565.1	551.3	534.6	527.7	511.9	492.2	463.6	450.7	431.0	409.3
-47.5°	503.0	497.1	487.2	476.4	466.5	454.7	436.9	419.2	401.4	388.6	371.8
-50°	444.8	440.9	435.0	426.1	413.3	405.4	393.5	377.7	361.0	350.1	338.3
-52.5°	398.5	394.5	390.6	383.7	373.8	365.9	356.0	343.2	329.4	318.6	308.7
-55°	363.0	357.0	354.1	348.2	340.3	331.4	322.5	313.6	301.8	291.9	282.1
-57.5°	335.3	327.4	323.5	318.6	310.7	301.8	294.9	286.0	278.1	267.3	258.4
-60°	313.6	304.8	296.9	291.9	285.0	276.2	269.3	262.4	254.5	245.6	234.7
-62.5°	295.9	285.0	274.2	268.3	261.4	253.5	246.6	239.7	231.8	222.9	213.0
-65°	279.1	266.3	252.5	246.6	239.7	231.8	222.9	218.0	211.1	203.2	193.3
-67.5°	258.4	244.6	232.8	225.9	219.0	212.1	204.2	199.2	192.3	182.5	172.6
-70°	227.8	219.0	211.1	205.1	199.2	193.3	185.4	177.5	169.6	160.8	151.9
-72.5°	189.4	186.4	185.4	182.5	175.6	168.7	160.8	152.9	146.0	139.1	132.2
-75°	152.9	154.8	156.8	155.8	148.9	142.0	135.1	128.2	123.3	117.4	111.5
-77.5°	121.3	123.3	125.3	125.3	120.3	116.4	111.5	106.5	102.6	97.6	91.7
-80°	93.7	96.7	99.6	101.6	97.6	94.7	90.7	86.8	82.8	78.9	75.0
-82.5°	71.0	74.0	76.9	78.9	75.9	74.0	71.0	68.1	65.1	61.1	58.2
-85°	51.3	53.3	55.2	56.2	54.2	52.3	50.3	48.3	46.4	43.4	41.4
-87.5°	29.6	30.6	31.6	32.5	30.6	28.6	27.6	25.6	24.7	22.7	21.7
-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):

	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°	24.7	22.7	20.7	19.7	17.8	14.8	12.8	10.8	8.9	6.9	5.9
85°	52.3	47.3	41.4	38.5	34.5	30.6	26.6	22.7	18.7	14.8	10.8
82.5°	89.8	83.8	77.9	71.0	62.1	51.3	40.4	33.5	27.6	21.7	16.8
80°	135.1	124.3	114.4	105.5	95.7	81.9	67.1	53.3	37.5	28.6	21.7
77.5°	187.4	174.6	160.8	146.0	130.2	111.5	94.7	76.9	58.2	39.5	27.6
75°	246.6	229.8	211.1	190.4	169.6	145.0	121.3	100.6	78.9	55.2	33.5
72.5°	312.7	291.9	269.3	241.6	209.1	180.5	151.9	124.3	98.6	70.0	45.4
70°	397.5	364.9	331.4	301.8	260.4	215.0	181.5	149.9	117.4	85.8	57.2
67.5°	488.2	448.8	408.3	364.9	312.7	259.4	211.1	175.6	137.1	100.6	68.1
65°	586.8	537.5	486.2	437.9	365.9	302.8	248.5	200.2	155.8	114.4	78.9
62.5°	688.4	630.2	571.1	507.9	425.1	347.2	284.1	227.8	173.6	127.2	88.8
60°	796.9	728.9	656.9	578.0	481.3	395.5	317.6	256.4	192.3	140.1	99.6
57.5°	911.3	837.4	752.5	646.0	539.5	441.9	356.0	282.1	209.1	151.9	107.5
55°	1035.6	950.8	858.1	717.0	596.7	488.2	394.5	307.7	226.8	161.8	115.4
52.5°	1169.7	1071.1	953.7	792.0	656.9	535.6	430.0	330.4	243.6	172.6	122.3
50°	1319.7	1195.4	1037.6	861.0	709.1	579.9	465.5	355.1	257.4	184.4	128.2
47.5°	1475.5	1341.3	1112.5	925.1	762.4	623.3	502.0	376.8	271.2	194.3	134.1
45°	1638.2	1442.9	1190.4	982.3	808.8	662.8	529.6	396.5	288.0	203.2	139.1
42.5°	1799.0	1519.9	1258.5	1039.5	852.2	698.3	552.3	415.2	301.8	212.1	144.0
40°	1874.9	1578.1	1312.7	1079.0	888.6	729.9	572.0	432.0	313.6	218.0	148.9
37.5°	1906.5	1613.6	1348.3	1116.5	917.2	746.6	588.8	446.8	323.5	223.9	152.9
35°	1913.4	1626.4	1366.0	1142.1	940.9	762.4	601.6	457.6	331.4	229.8	156.8
32.5°	1900.6	1622.4	1370.9	1151.0	955.7	774.2	610.5	465.5	337.3	235.7	160.8
30°	1872.0	1601.7	1353.2	1150.0	966.6	781.1	616.4	471.4	343.2	239.7	162.7
27.5°	1825.6	1565.2	1330.5	1151.0	972.5	784.1	619.4	474.4	347.2	242.6	166.7
25°	1768.4	1515.9	1331.5	1149.0	973.5	785.1	619.4	474.4	348.2	243.6	169.6
22.5°	1702.3	1515.9	1331.5	1146.1	967.5	783.1	616.4	472.4	348.2	245.6	172.6
20°	1706.3	1516.9	1328.5	1140.1	958.7	777.2	609.5	467.5	345.2	248.5	174.6
17.5°	1709.2	1514.9	1322.6	1132.3	946.8	767.3	600.6	460.6	345.2	251.5	175.6
15°	1709.2	1509.0	1313.7	1120.4	932.0	753.5	587.8	454.7	346.2	252.5	177.5
12.5°	1706.3	1498.2	1299.9	1104.6	914.3	736.8	579.9	452.7	346.2	253.5	177.5
10°	1700.4	1483.4	1282.2	1084.9	897.5	730.8	576.0	448.8	344.2	253.5	177.5
7.5°	1689.5	1465.6	1267.4	1073.1	887.7	723.9	570.1	442.8	341.3	251.5	179.5
5°	1672.7	1455.8	1255.5	1059.3	873.8	719.0	566.1	437.9	339.3	251.5	177.5
2.5°	1651.0	1443.9	1241.7	1041.5	858.1	702.2	553.3	427.1	332.4	247.6	175.6
0°	1615.5	1420.3	1218.1	1016.9	836.4	685.5	540.5	416.2	325.5	243.6	173.6
-2.5°	1583.0	1388.7	1187.5	991.2	815.7	670.7	530.6	410.3	322.5	242.6	172.6
-5°	1537.6	1345.3	1147.1	957.7	788.0	655.9	520.8	403.4	319.6	240.7	172.6
-7.5°	1487.3	1299.9	1104.6	923.2	760.4	630.2	502.0	392.5	312.7	236.7	171.6
-10°	1409.4	1231.9	1051.4	883.7	730.8	607.6	486.2	382.7	306.7	232.8	167.7
-12.5°	1326.6	1156.9	990.2	835.4	697.3	583.9	468.5	371.8	299.8	228.8	165.7
-15°	1238.8	1080.0	926.1	785.1	660.8	555.3	449.7	360.0	292.9	223.9	162.7
-17.5°	1147.1	999.1	860.0	733.8	624.3	525.7	430.0	349.1	285.0	219.0	159.8
-20°	1050.4	916.3	793.0	681.5	585.9	496.1	409.3	336.3	276.2	213.0	155.8



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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°	954.7	834.4	723.9	630.2	546.4	465.5	388.6	323.5	266.3	206.1	152.9
-25°	869.9	757.5	662.8	580.9	507.9	435.9	366.9	310.7	255.4	199.2	148.9
-27.5°	787.1	691.4	602.6	534.6	470.5	407.3	346.2	296.9	244.6	191.3	145.0
-30°	710.1	628.3	555.3	489.2	435.0	381.7	328.4	283.1	232.8	183.4	140.1
-32.5°	640.1	574.0	512.9	449.7	401.4	356.0	311.7	269.3	220.9	175.6	135.1
-35°	575.0	523.7	470.5	417.2	367.9	332.4	293.9	254.5	210.1	166.7	130.2
-37.5°	516.8	475.4	433.0	387.6	345.2	309.7	277.1	239.7	199.2	158.8	125.3
-40°	466.5	433.0	395.5	359.0	323.5	290.0	260.4	224.9	188.4	152.9	120.3
-42.5°	420.2	394.5	363.9	333.4	301.8	272.2	243.6	209.1	177.5	146.0	115.4
-45°	384.7	359.0	334.4	306.7	280.1	254.5	225.9	195.3	167.7	138.1	110.5
-47.5°	351.1	328.4	305.7	283.1	261.4	237.7	209.1	183.4	156.8	131.2	106.5
-50°	321.5	299.8	280.1	260.4	241.6	219.0	192.3	171.6	147.9	124.3	101.6
-52.5°	293.9	275.2	255.4	239.7	223.9	201.2	179.5	159.8	139.1	116.4	96.7
-55°	269.3	251.5	233.7	219.0	204.2	184.4	166.7	149.9	130.2	110.5	91.7
-57.5°	245.6	230.8	214.0	200.2	185.4	169.6	154.8	139.1	121.3	104.5	86.8
-60°	223.9	210.1	195.3	181.5	168.7	155.8	142.0	129.2	113.4	97.6	81.9
-62.5°	202.2	190.4	177.5	163.7	153.9	142.0	131.2	118.4	105.5	91.7	73.0
-65°	182.5	171.6	159.8	147.9	139.1	130.2	120.3	108.5	97.6	84.8	65.1
-67.5°	162.7	152.9	143.0	133.1	125.3	118.4	108.5	99.6	90.7	76.9	57.2
-70°	144.0	136.1	127.2	119.3	113.4	105.5	98.6	90.7	82.8	67.1	48.3
-72.5°	126.2	118.4	111.5	105.5	100.6	93.7	87.8	81.9	71.0	56.2	40.4
-75°	105.5	100.6	96.7	91.7	86.8	81.9	76.9	70.0	59.2	45.4	31.6
-77.5°	86.8	83.8	80.9	76.9	73.0	69.0	63.1	56.2	47.3	35.5	25.6
-80°	71.0	68.1	66.1	62.1	59.2	55.2	49.3	43.4	34.5	27.6	20.7
-82.5°	54.2	52.3	50.3	48.3	45.4	41.4	35.5	30.6	25.6	20.7	15.8
-85°	38.5	37.5	35.5	33.5	30.6	27.6	23.7	20.7	17.8	13.8	10.8
-87.5°	19.7	18.7	17.8	16.8	15.8	13.8	11.8	9.9	8.9	6.9	4.9
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.9	3.0	1.0	0.0
85°	7.9	4.9	2.0	0.0
82.5°	11.8	7.9	3.0	0.0
80°	15.8	9.9	4.9	0.0
77.5°	19.7	11.8	5.9	0.0
75°	23.7	14.8	6.9	0.0
72.5°	26.6	16.8	7.9	0.0
70°	31.6	19.7	8.9	0.0
67.5°	39.5	21.7	9.9	0.0
65°	46.4	23.7	10.8	0.0
62.5°	54.2	25.6	11.8	0.0
60°	61.1	27.6	12.8	0.0
57.5°	68.1	32.5	13.8	0.0
55°	74.0	36.5	14.8	0.0
52.5°	80.9	40.4	15.8	0.0
50°	86.8	44.4	16.8	0.0
47.5°	91.7	48.3	16.8	0.0
45°	95.7	51.3	17.8	0.0
42.5°	98.6	54.2	18.7	0.0
40°	101.6	57.2	19.7	0.0
37.5°	104.5	60.2	19.7	0.0
35°	107.5	63.1	20.7	0.0
32.5°	110.5	66.1	20.7	0.0
30°	112.4	68.1	21.7	0.0
27.5°	115.4	70.0	21.7	0.0
25°	116.4	72.0	22.7	0.0
22.5°	118.4	73.0	22.7	0.0
20°	120.3	75.0	22.7	0.0
17.5°	121.3	75.9	23.7	0.0
15°	121.3	76.9	24.7	0.0
12.5°	122.3	77.9	24.7	0.0
10°	122.3	79.9	23.7	0.0
7.5°	124.3	78.9	23.7	0.0
5°	123.3	78.9	23.7	0.0
2.5°	122.3	77.9	23.7	0.0
0°	121.3	77.9	23.7	0.0
-2.5°	121.3	77.9	23.7	0.0
-5°	121.3	77.9	23.7	0.0
-7.5°	120.3	78.9	23.7	0.0
-10°	118.4	78.9	23.7	0.0
-12.5°	117.4	75.9	23.7	0.0
-15°	116.4	75.0	23.7	0.0
-17.5°	114.4	74.0	22.7	0.0
-20°	112.4	73.0	22.7	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	110.5	71.0	22.7	0.0
-25°	108.5	69.0	21.7	0.0
-27.5°	106.5	67.1	21.7	0.0
-30°	103.6	65.1	20.7	0.0
-32.5°	100.6	63.1	20.7	0.0
-35°	98.6	60.2	19.7	0.0
-37.5°	95.7	57.2	19.7	0.0
-40°	92.7	54.2	18.7	0.0
-42.5°	89.8	51.3	17.8	0.0
-45°	85.8	48.3	17.8	0.0
-47.5°	82.8	45.4	16.8	0.0
-50°	77.9	41.4	15.8	0.0
-52.5°	72.0	37.5	14.8	0.0
-55°	66.1	34.5	13.8	0.0
-57.5°	60.2	30.6	13.8	0.0
-60°	54.2	26.6	12.8	0.0
-62.5°	48.3	24.7	11.8	0.0
-65°	42.4	22.7	10.8	0.0
-67.5°	35.5	19.7	9.9	0.0
-70°	29.6	17.8	8.9	0.0
-72.5°	25.6	15.8	7.9	0.0
-75°	21.7	13.8	6.9	0.0
-77.5°	18.7	11.8	5.9	0.0
-80°	14.8	8.9	3.9	0.0
-82.5°	10.8	6.9	3.0	0.0
-85°	6.9	4.9	2.0	0.0
-87.5°	3.9	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)