

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: P639994

Luminaire Tested: **IFLD-S-SA3A-AMB-U-66-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639994
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-AMB-U-66-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 6 distribution lens and VISOR
Light Source: (48) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2749.6 lumens	Max Intensity:	3082.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	29.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

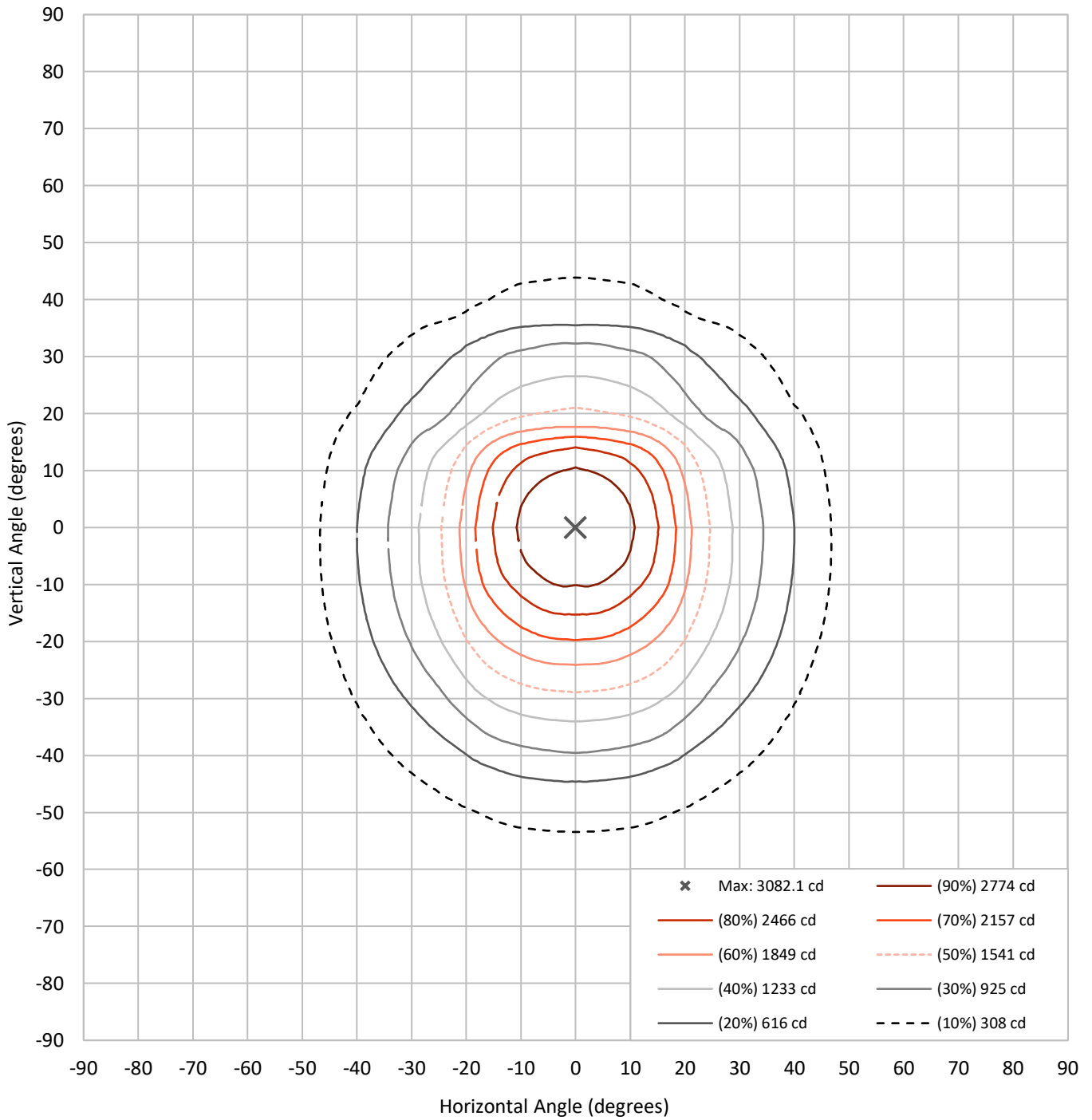
Beam Angle (50%):	49.1°H x 49.9°V	Field Angle (10%):	93.3°H x 97.2°V
Beam Lumens:	1363.4 lumens	Field Lumens:	2496 lumens
Beam Efficiency:	49.6%	Field Efficiency:	90.8%

Input Watts (W): 94.8
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: 25 FT



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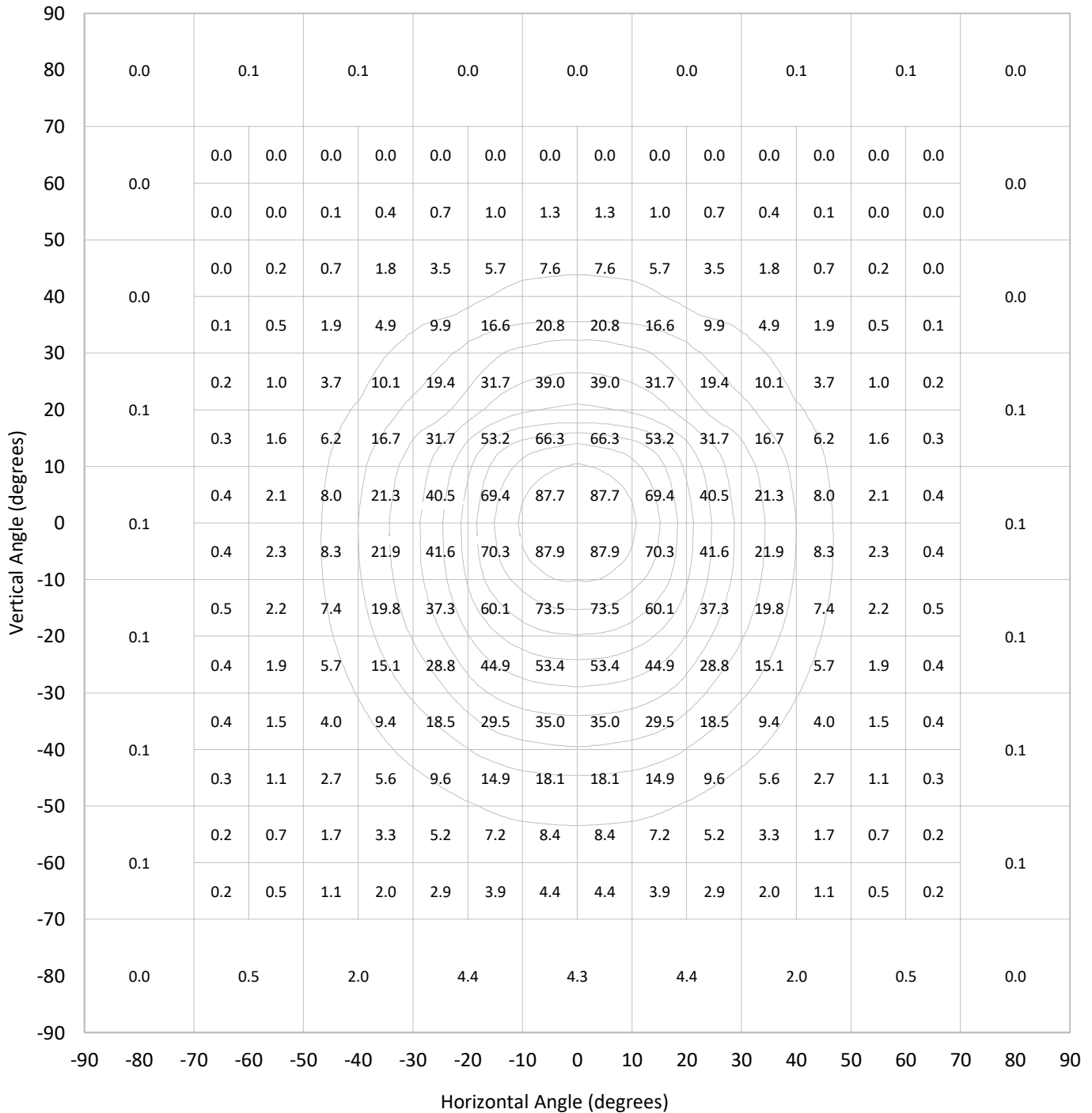
Iso-Candela Plot





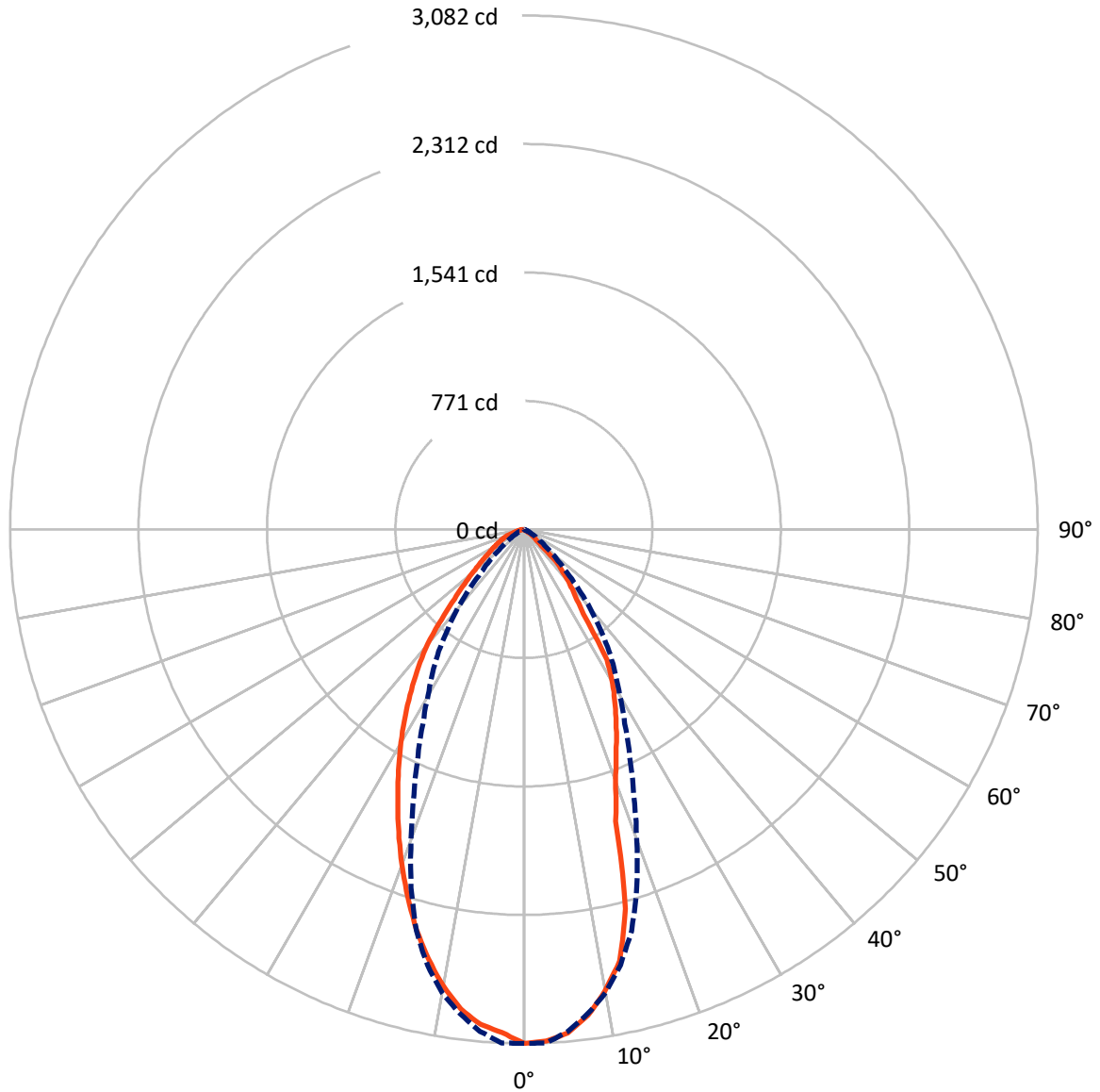
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Lumen Table



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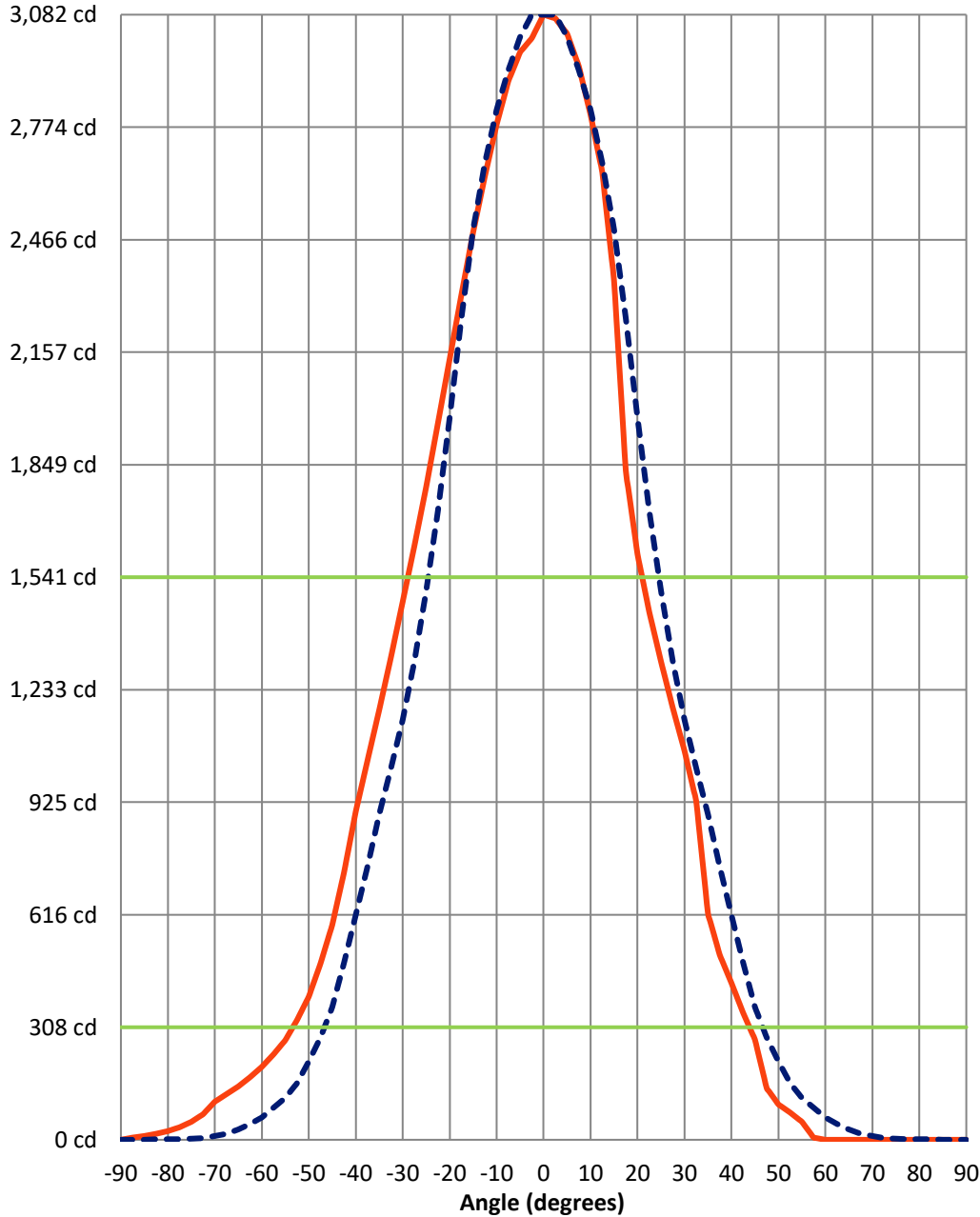
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 49.1°
 V Angle: 49.9°
 Lumens: 1363.4
 Efficiency: 49.6%

Field:
 H Angle: 93.3°
 V Angle: 97.2°
 Lumens: 2496
 Efficiency: 90.8%

Spill:
 Lumens: 253.6
 Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
57.5°	6.0	6.0	6.0	7.5	7.5	7.5	8.9	10.4	7.5	6.0	8.9
55°	49.2	50.7	47.7	44.7	40.2	35.8	32.8	31.3	32.8	28.3	23.8
52.5°	74.5	74.5	73.0	68.6	65.6	61.1	56.6	52.2	49.2	44.7	38.8
50°	96.9	95.4	93.9	92.4	89.4	85.0	79.0	70.0	62.6	62.6	56.6
47.5°	141.6	146.1	149.0	153.5	152.0	140.1	122.2	101.3	95.4	93.9	87.9
45°	274.2	272.7	260.8	251.9	240.0	219.1	193.8	175.9	152.0	137.1	129.7
42.5°	347.3	344.3	336.8	329.4	318.9	289.1	254.9	220.6	201.2	181.8	165.4
40°	429.2	429.2	420.3	409.9	395.0	362.2	321.9	283.2	251.9	219.1	199.7
37.5°	506.7	509.7	502.3	493.3	478.4	451.6	411.3	368.1	320.4	272.7	256.3
35°	620.0	626.0	628.9	626.0	615.5	585.7	529.1	488.8	418.8	363.7	345.8
32.5°	927.0	937.5	904.7	867.4	827.2	804.8	752.6	652.8	594.7	500.8	445.6
30°	1065.6	1068.6	1047.7	1025.4	997.1	956.8	879.3	786.9	694.5	620.0	548.5
27.5°	1183.4	1181.9	1164.0	1137.2	1107.4	1064.1	982.2	883.8	786.9	693.0	618.5
25°	1310.1	1307.1	1286.2	1256.4	1220.6	1167.0	1088.0	985.1	874.9	769.0	684.1
22.5°	1445.7	1438.2	1412.9	1383.1	1339.9	1281.7	1205.7	1088.0	961.3	854.0	755.6
20°	1603.7	1587.3	1560.4	1535.1	1485.9	1424.8	1335.4	1210.2	1074.6	949.4	830.1
17.5°	1833.2	1846.6	1828.7	1788.5	1727.4	1661.8	1560.4	1403.9	1265.3	1091.0	959.8
15°	2353.3	2316.1	2265.4	2190.9	2141.7	2022.5	1894.3	1682.7	1511.3	1290.7	1141.6
12.5°	2649.9	2611.2	2567.9	2505.3	2396.5	2287.8	2114.9	1907.7	1670.7	1459.1	1301.1
10°	2807.9	2769.1	2731.9	2651.4	2544.1	2414.4	2244.5	2032.9	1770.6	1556.0	1365.2
7.5°	2940.5	2898.8	2846.6	2767.7	2661.8	2523.2	2341.4	2110.4	1854.0	1618.6	1414.4
5°	3030.0	2995.7	2936.1	2860.1	2748.3	2600.7	2412.9	2173.0	1906.2	1663.3	1453.1
2.5°	3071.7	3044.9	2998.7	2907.8	2796.0	2641.0	2451.7	2211.7	1937.5	1688.6	1477.0
0°	3082.1	3082.1	3021.0	2930.1	2821.3	2675.3	2493.4	2250.5	1977.7	1722.9	1503.8
-2.5°	3018.0	3052.3	3010.6	2918.2	2797.5	2646.9	2466.6	2238.6	1967.3	1712.5	1487.4
-5°	2979.3	3003.1	2951.0	2882.4	2763.2	2615.6	2439.8	2220.7	1952.4	1706.5	1488.9
-7.5°	2900.3	2925.6	2866.0	2784.1	2691.6	2550.1	2390.6	2179.0	1925.6	1682.7	1474.0
-10°	2781.1	2800.4	2752.8	2676.7	2566.5	2451.7	2307.1	2120.8	1876.4	1642.4	1444.2
-12.5°	2639.5	2648.4	2614.1	2539.6	2441.3	2329.5	2195.3	2028.4	1809.3	1588.8	1395.0
-15°	2486.0	2486.0	2459.1	2393.6	2299.7	2193.9	2070.2	1916.6	1722.9	1520.2	1341.4
-17.5°	2314.6	2308.6	2292.2	2232.6	2155.1	2055.3	1942.0	1798.9	1624.5	1438.2	1271.3
-20°	2138.7	2128.3	2116.4	2064.2	1994.1	1912.2	1809.3	1682.7	1527.7	1353.3	1199.8



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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°	1962.8	1953.9	1942.0	1900.2	1839.1	1767.6	1685.6	1561.9	1409.9	1262.4	1122.3
-25°	1788.5	1782.5	1770.6	1739.3	1688.6	1624.5	1547.0	1439.7	1304.1	1164.0	1031.4
-27.5°	1627.5	1612.6	1605.2	1581.3	1536.6	1480.0	1406.9	1317.5	1196.8	1064.1	940.4
-30°	1474.0	1469.5	1453.1	1432.3	1392.0	1341.4	1274.3	1190.8	1088.0	967.3	857.0
-32.5°	1322.0	1317.5	1304.1	1284.7	1250.4	1207.2	1149.1	1065.6	970.2	862.9	764.6
-35°	1177.4	1170.0	1155.1	1138.7	1110.3	1073.1	1026.9	943.4	851.0	752.6	664.7
-37.5°	1038.8	1032.8	1016.4	998.6	973.2	938.9	898.7	819.7	730.3	640.9	561.9
-40°	898.7	891.3	874.9	855.5	828.7	791.4	743.7	684.1	608.1	530.6	471.0
-42.5°	731.8	733.3	721.3	705.0	681.1	645.3	602.1	557.4	502.3	445.6	396.4
-45°	588.7	588.7	578.3	566.3	550.0	524.6	490.3	456.1	415.8	375.6	335.3
-47.5°	482.9	478.4	469.5	462.0	450.1	432.2	405.4	374.1	345.8	316.0	286.2
-50°	392.0	392.0	387.5	381.5	374.1	359.2	336.8	313.0	289.1	268.3	247.4
-52.5°	327.9	326.4	321.9	316.0	310.0	301.1	283.2	263.8	244.4	228.0	213.1
-55°	272.7	272.7	269.8	266.8	262.3	256.3	241.4	226.5	210.1	196.7	184.8
-57.5°	234.0	232.5	229.5	226.5	223.6	219.1	207.2	195.2	181.8	169.9	161.0
-60°	199.7	198.2	196.7	193.8	190.8	187.8	178.8	168.4	158.0	147.5	138.6
-62.5°	171.4	169.9	168.4	166.9	163.9	159.5	153.5	144.6	135.6	126.7	120.7
-65°	146.1	144.6	143.1	141.6	140.1	137.1	131.2	125.2	117.7	110.3	104.3
-67.5°	125.2	123.7	123.7	120.7	119.2	117.7	113.3	107.3	101.3	96.9	90.9
-70°	104.3	104.3	104.3	101.3	101.3	99.9	96.9	92.4	87.9	83.5	79.0
-72.5°	70.0	73.0	74.5	76.0	79.0	80.5	82.0	79.0	74.5	71.5	67.1
-75°	49.2	50.7	52.2	56.6	59.6	64.1	67.1	64.1	61.1	58.1	55.1
-77.5°	34.3	35.8	35.8	40.2	44.7	47.7	52.2	50.7	47.7	46.2	44.7
-80°	23.8	25.3	25.3	29.8	32.8	37.3	40.2	38.8	37.3	35.8	34.3
-82.5°	16.4	17.9	17.9	20.9	23.8	26.8	29.8	28.3	26.8	25.3	23.8
-85°	10.4	11.9	11.9	13.4	16.4	17.9	19.4	17.9	16.4	14.9	13.4
-87.5°	6.0	6.0	6.0	7.5	8.9	8.9	10.4	8.9	8.9	7.5	7.5
-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°	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0
77.5°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0
75°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
67.5°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
65°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60°	1.5	1.5	1.5	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
57.5°	8.9	6.0	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5
55°	20.9	20.9	16.4	11.9	10.4	8.9	6.0	4.5	3.0	3.0	1.5
52.5°	32.8	29.8	26.8	23.8	19.4	14.9	11.9	8.9	6.0	4.5	3.0
50°	47.7	43.2	38.8	32.8	28.3	23.8	19.4	14.9	10.4	7.5	4.5
47.5°	79.0	67.1	58.1	50.7	40.2	34.3	29.8	23.8	16.4	11.9	7.5
45°	114.8	95.4	82.0	73.0	59.6	47.7	40.2	34.3	25.3	16.4	11.9
42.5°	149.0	126.7	107.3	90.9	77.5	64.1	52.2	43.2	34.3	23.8	16.4
40°	180.3	156.5	131.2	114.8	93.9	79.0	65.6	55.1	44.7	34.3	20.9
37.5°	226.5	198.2	168.4	146.1	120.7	93.9	80.5	68.6	56.6	43.2	29.8
35°	318.9	259.3	220.6	187.8	156.5	123.7	96.9	82.0	68.6	53.7	40.2
32.5°	421.8	360.7	281.7	238.5	199.7	156.5	122.2	98.4	82.0	65.6	49.2
30°	500.8	435.2	359.2	290.6	238.5	190.8	150.5	116.3	95.4	76.0	58.1
27.5°	560.4	500.8	423.3	345.8	274.2	222.1	178.8	141.6	108.8	85.0	65.6
25°	618.5	555.9	487.4	399.4	318.9	253.4	204.2	165.4	123.7	95.4	74.5
22.5°	672.2	614.0	544.0	457.6	365.1	284.7	237.0	190.8	143.1	107.3	82.0
20°	758.6	696.0	609.6	511.2	421.8	342.8	275.7	219.1	163.9	117.7	89.4
17.5°	888.3	801.8	690.1	581.3	490.3	400.9	313.0	253.4	184.8	131.2	99.9
15°	1035.8	919.6	783.9	660.2	555.9	460.5	359.2	280.2	208.7	149.0	110.3
12.5°	1135.7	997.1	867.4	740.7	623.0	512.7	397.9	304.0	228.0	165.4	120.7
10°	1195.3	1055.2	933.0	801.8	666.2	542.5	424.8	323.4	244.4	178.8	131.2
7.5°	1237.0	1091.0	964.3	833.1	696.0	566.3	445.6	339.8	257.8	190.8	140.1
5°	1266.8	1113.3	985.1	855.5	716.9	585.7	460.5	353.2	268.3	201.2	146.1
2.5°	1283.2	1135.7	1004.5	877.8	737.7	606.6	476.9	362.2	277.2	210.1	152.0
0°	1311.5	1150.6	1017.9	891.3	748.2	615.5	484.4	363.7	280.2	214.6	155.0
-2.5°	1302.6	1147.6	1017.9	892.7	749.7	618.5	485.9	366.6	283.2	217.6	159.5
-5°	1308.6	1144.6	1009.0	880.8	742.2	611.1	476.9	363.7	281.7	216.1	161.0
-7.5°	1299.6	1137.2	998.6	870.4	734.8	602.1	471.0	359.2	280.2	214.6	162.5
-10°	1272.8	1116.3	979.2	852.5	719.9	585.7	457.6	351.7	274.2	211.6	161.0
-12.5°	1229.6	1086.5	955.3	827.2	697.5	563.4	438.2	341.3	266.8	207.2	158.0
-15°	1186.4	1050.7	919.6	794.4	669.2	536.5	414.3	326.4	256.3	199.7	153.5
-17.5°	1129.7	1001.5	876.4	757.1	634.9	506.7	392.0	313.0	242.9	190.8	147.5
-20°	1065.6	944.9	833.1	715.4	591.7	469.5	369.6	293.6	231.0	181.8	140.1



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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°	995.6	886.8	776.5	661.7	542.5	427.7	341.3	272.7	219.1	172.9	135.6
-25°	924.0	821.2	713.9	600.6	490.3	393.5	314.5	251.9	205.7	163.9	129.7
-27.5°	843.6	746.7	642.4	538.0	438.2	354.7	287.6	235.5	192.3	153.5	123.7
-30°	758.6	663.2	567.8	473.9	393.5	321.9	262.3	217.6	178.8	144.6	114.8
-32.5°	667.7	579.8	494.8	418.8	347.3	286.2	240.0	199.7	163.9	132.6	105.8
-35°	578.3	499.3	432.2	366.6	307.0	257.8	216.1	180.3	150.5	122.2	98.4
-37.5°	490.3	432.2	375.6	320.4	272.7	231.0	195.2	163.9	137.1	111.8	90.9
-40°	417.3	371.1	324.9	283.2	244.4	207.2	174.4	149.0	125.2	102.8	85.0
-42.5°	356.2	317.5	284.7	250.4	217.6	186.3	158.0	135.6	114.8	95.4	79.0
-45°	304.0	274.2	248.9	222.1	193.8	166.9	144.6	123.7	104.3	86.4	71.5
-47.5°	260.8	240.0	216.1	195.2	171.4	149.0	129.7	111.8	93.9	77.5	65.6
-50°	226.5	208.7	189.3	169.9	150.5	132.6	116.3	98.4	82.0	68.6	59.6
-52.5°	196.7	181.8	166.9	150.5	134.1	117.7	102.8	86.4	73.0	62.6	53.7
-55°	172.9	161.0	146.1	131.2	117.7	104.3	89.4	77.5	67.1	56.6	47.7
-57.5°	150.5	140.1	128.2	116.3	104.3	92.4	80.5	70.0	59.6	50.7	43.2
-60°	131.2	122.2	111.8	101.3	92.4	82.0	73.0	62.6	53.7	44.7	38.8
-62.5°	113.3	105.8	98.4	89.4	80.5	71.5	64.1	55.1	47.7	40.2	34.3
-65°	98.4	92.4	86.4	77.5	70.0	62.6	55.1	47.7	41.7	35.8	31.3
-67.5°	85.0	80.5	74.5	67.1	59.6	53.7	47.7	41.7	37.3	32.8	28.3
-70°	73.0	68.6	62.6	58.1	52.2	46.2	41.7	35.8	32.8	28.3	25.3
-72.5°	62.6	58.1	53.7	49.2	43.2	38.8	34.3	31.3	26.8	23.8	20.9
-75°	52.2	47.7	43.2	40.2	35.8	31.3	26.8	23.8	20.9	19.4	17.9
-77.5°	41.7	37.3	34.3	29.8	26.8	23.8	19.4	17.9	16.4	14.9	14.9
-80°	31.3	29.8	26.8	23.8	20.9	17.9	14.9	11.9	11.9	11.9	11.9
-82.5°	22.4	20.9	19.4	17.9	16.4	13.4	11.9	8.9	8.9	8.9	8.9
-85°	13.4	13.4	11.9	11.9	10.4	8.9	7.5	6.0	6.0	6.0	6.0
-87.5°	6.0	6.0	6.0	6.0	6.0	4.5	4.5	3.0	3.0	3.0	3.0
-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°	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
80°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
77.5°	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0
75°	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0
72.5°	1.5	1.5	3.0	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0
70°	1.5	1.5	1.5	1.5	3.0	3.0	1.5	1.5	1.5	0.0	0.0
67.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
65°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
62.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
60°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
57.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
55°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
52.5°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
50°	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
47.5°	4.5	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45°	8.9	4.5	4.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5
42.5°	11.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5
40°	14.9	10.4	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5
37.5°	19.4	13.4	8.9	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5
35°	26.8	17.9	11.9	7.5	4.5	4.5	3.0	1.5	1.5	1.5	1.5
32.5°	34.3	22.4	14.9	8.9	6.0	4.5	3.0	1.5	1.5	1.5	1.5
30°	41.7	28.3	17.9	11.9	7.5	4.5	3.0	3.0	1.5	1.5	1.5
27.5°	49.2	34.3	22.4	13.4	8.9	6.0	4.5	3.0	1.5	1.5	1.5
25°	56.6	40.2	26.8	16.4	10.4	6.0	4.5	3.0	1.5	1.5	1.5
22.5°	62.6	46.2	31.3	19.4	11.9	7.5	4.5	3.0	1.5	1.5	1.5
20°	70.0	52.2	35.8	22.4	14.9	8.9	6.0	3.0	3.0	1.5	1.5
17.5°	77.5	58.1	40.2	25.3	16.4	10.4	6.0	4.5	3.0	1.5	1.5
15°	85.0	62.6	44.7	28.3	17.9	10.4	6.0	4.5	3.0	1.5	1.5
12.5°	90.9	68.6	49.2	31.3	19.4	11.9	7.5	4.5	3.0	1.5	1.5
10°	98.4	73.0	52.2	34.3	20.9	13.4	7.5	4.5	3.0	1.5	1.5
7.5°	104.3	76.0	55.1	37.3	23.8	13.4	8.9	4.5	3.0	1.5	1.5
5°	108.8	80.5	58.1	38.8	25.3	14.9	8.9	4.5	3.0	1.5	1.5
2.5°	113.3	85.0	59.6	41.7	26.8	16.4	10.4	4.5	3.0	1.5	1.5
0°	114.8	87.9	61.1	43.2	28.3	16.4	10.4	4.5	3.0	1.5	1.5
-2.5°	119.2	89.4	64.1	44.7	29.8	17.9	10.4	4.5	3.0	1.5	1.5
-5°	120.7	90.9	65.6	46.2	31.3	19.4	11.9	6.0	3.0	1.5	1.5
-7.5°	122.2	90.9	67.1	46.2	31.3	20.9	11.9	6.0	3.0	1.5	1.5
-10°	122.2	90.9	67.1	46.2	32.8	20.9	11.9	6.0	3.0	1.5	1.5
-12.5°	120.7	90.9	67.1	47.7	32.8	22.4	11.9	6.0	4.5	1.5	1.5
-15°	117.7	89.4	65.6	47.7	32.8	22.4	11.9	6.0	4.5	3.0	1.5
-17.5°	114.8	87.9	65.6	46.2	32.8	20.9	11.9	7.5	4.5	3.0	1.5
-20°	111.8	85.0	64.1	44.7	32.8	20.9	13.4	7.5	4.5	3.0	1.5



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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°	107.3	80.5	61.1	43.2	31.3	20.9	13.4	7.5	4.5	3.0	1.5
-25°	102.8	79.0	59.6	41.7	29.8	20.9	13.4	7.5	4.5	3.0	1.5
-27.5°	95.4	74.5	56.6	40.2	29.8	19.4	11.9	7.5	4.5	3.0	1.5
-30°	89.4	71.5	53.7	38.8	28.3	19.4	11.9	7.5	4.5	3.0	1.5
-32.5°	85.0	67.1	50.7	37.3	26.8	19.4	11.9	7.5	4.5	3.0	1.5
-35°	80.5	64.1	47.7	35.8	26.8	17.9	11.9	7.5	4.5	3.0	1.5
-37.5°	74.5	59.6	46.2	34.3	25.3	17.9	11.9	7.5	4.5	3.0	1.5
-40°	70.0	56.6	43.2	32.8	23.8	16.4	10.4	7.5	4.5	3.0	1.5
-42.5°	65.6	52.2	40.2	31.3	22.4	16.4	10.4	7.5	4.5	3.0	1.5
-45°	61.1	49.2	38.8	28.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5
-47.5°	55.1	44.7	35.8	26.8	19.4	13.4	10.4	7.5	4.5	3.0	1.5
-50°	49.2	40.2	32.8	23.8	17.9	13.4	10.4	6.0	4.5	3.0	1.5
-52.5°	44.7	37.3	28.3	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5
-55°	40.2	32.8	26.8	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5
-57.5°	35.8	29.8	25.3	19.4	16.4	11.9	8.9	6.0	4.5	3.0	1.5
-60°	32.8	26.8	22.4	19.4	14.9	11.9	7.5	6.0	4.5	3.0	1.5
-62.5°	29.8	25.3	20.9	17.9	13.4	10.4	7.5	6.0	3.0	3.0	1.5
-65°	26.8	22.4	19.4	16.4	13.4	10.4	7.5	4.5	3.0	3.0	1.5
-67.5°	23.8	20.9	17.9	14.9	11.9	10.4	7.5	4.5	3.0	3.0	1.5
-70°	20.9	19.4	16.4	14.9	11.9	8.9	6.0	4.5	3.0	1.5	1.5
-72.5°	19.4	16.4	14.9	13.4	10.4	7.5	6.0	4.5	3.0	1.5	1.5
-75°	16.4	14.9	13.4	11.9	8.9	7.5	4.5	3.0	1.5	1.5	0.0
-77.5°	13.4	11.9	10.4	8.9	7.5	6.0	4.5	3.0	1.5	1.5	0.0
-80°	10.4	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5	0.0
-82.5°	7.5	7.5	6.0	6.0	4.5	4.5	3.0	1.5	1.5	0.0	0.0
-85°	6.0	6.0	4.5	4.5	4.5	3.0	1.5	1.5	1.5	0.0	0.0
-87.5°	3.0	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
-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°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0
32.5°	1.5	0.0	0.0	0.0
30°	1.5	0.0	0.0	0.0
27.5°	1.5	0.0	0.0	0.0
25°	1.5	0.0	0.0	0.0
22.5°	1.5	0.0	0.0	0.0
20°	1.5	0.0	0.0	0.0
17.5°	1.5	0.0	0.0	0.0
15°	1.5	0.0	0.0	0.0
12.5°	1.5	0.0	0.0	0.0
10°	1.5	0.0	0.0	0.0
7.5°	1.5	0.0	0.0	0.0
5°	1.5	0.0	0.0	0.0
2.5°	1.5	0.0	0.0	0.0
0°	1.5	0.0	0.0	0.0
-2.5°	1.5	0.0	0.0	0.0
-5°	1.5	0.0	0.0	0.0
-7.5°	1.5	0.0	0.0	0.0
-10°	1.5	0.0	0.0	0.0
-12.5°	1.5	0.0	0.0	0.0
-15°	1.5	0.0	0.0	0.0
-17.5°	1.5	0.0	0.0	0.0
-20°	1.5	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.5	0.0	0.0	0.0
-25°	1.5	0.0	0.0	0.0
-27.5°	1.5	0.0	0.0	0.0
-30°	1.5	0.0	0.0	0.0
-32.5°	1.5	0.0	0.0	0.0
-35°	1.5	0.0	0.0	0.0
-37.5°	1.5	0.0	0.0	0.0
-40°	1.5	0.0	0.0	0.0
-42.5°	1.5	0.0	0.0	0.0
-45°	1.5	0.0	0.0	0.0
-47.5°	1.5	0.0	0.0	0.0
-50°	1.5	0.0	0.0	0.0
-52.5°	1.5	0.0	0.0	0.0
-55°	1.5	0.0	0.0	0.0
-57.5°	1.5	0.0	0.0	0.0
-60°	1.5	0.0	0.0	0.0
-62.5°	1.5	0.0	0.0	0.0
-65°	0.0	0.0	0.0	0.0
-67.5°	0.0	0.0	0.0	0.0
-70°	0.0	0.0	0.0	0.0
-72.5°	0.0	0.0	0.0	0.0
-75°	0.0	0.0	0.0	0.0
-77.5°	0.0	0.0	0.0	0.0
-80°	0.0	0.0	0.0	0.0
-82.5°	0.0	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)