

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: P639989

Luminaire Tested: **IFLD-S-SA6A-AMB-U-77-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639989
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-AMB-U-77-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 7 distribution lens and VISOR
Light Source: (96) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4858.8 lumens	Max Intensity:	3484.2 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 0°V
Efficacy:	25.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

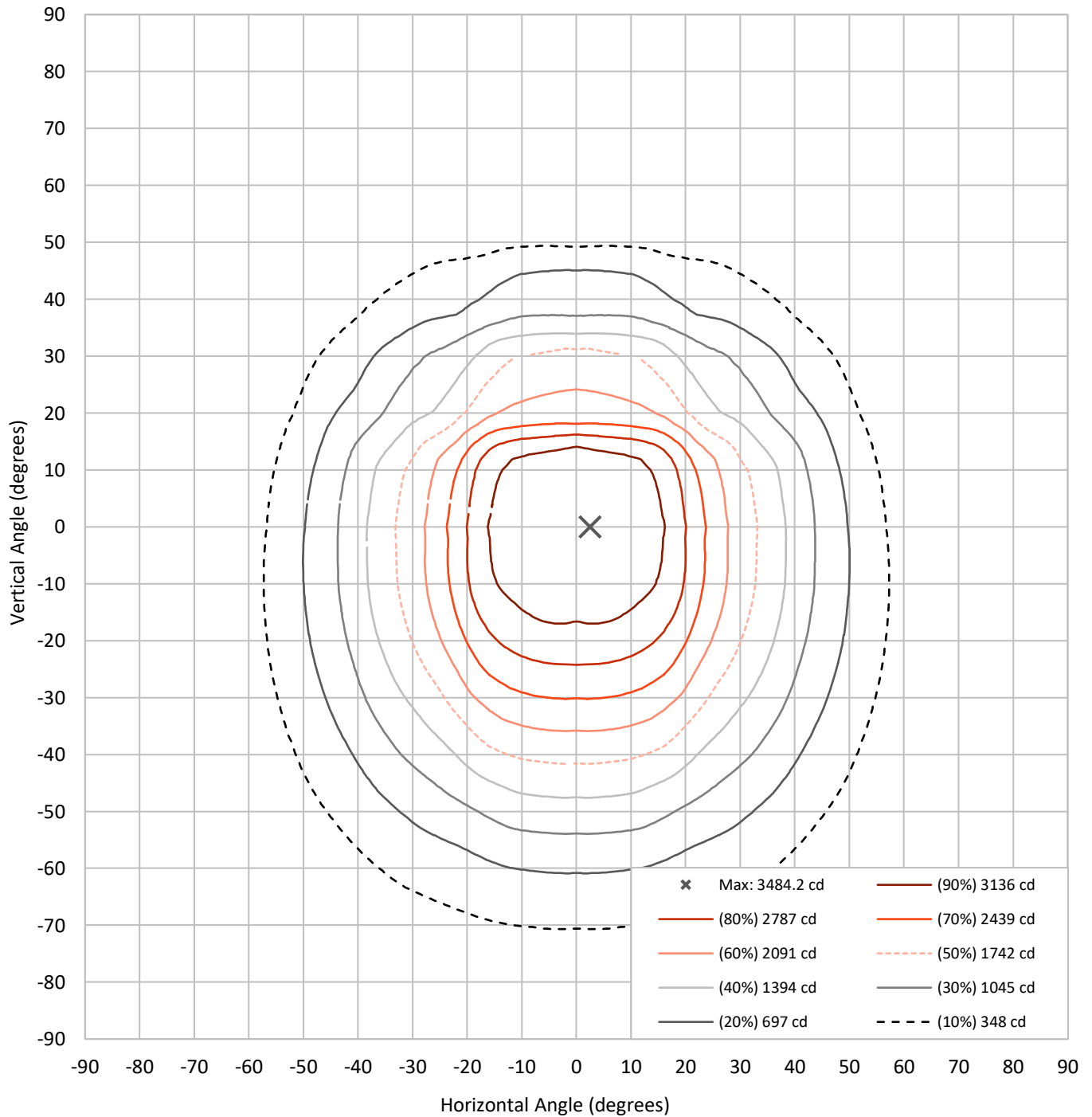
Beam Angle (50%):	66.3°H x 73°V	Field Angle (10%):	113.5°H x 120°V
Beam Lumens:	2835.9 lumens	Field Lumens:	4618.9 lumens
Beam Efficiency:	58.4%	Field Efficiency:	95.1%

Input Watts (W): 189.6
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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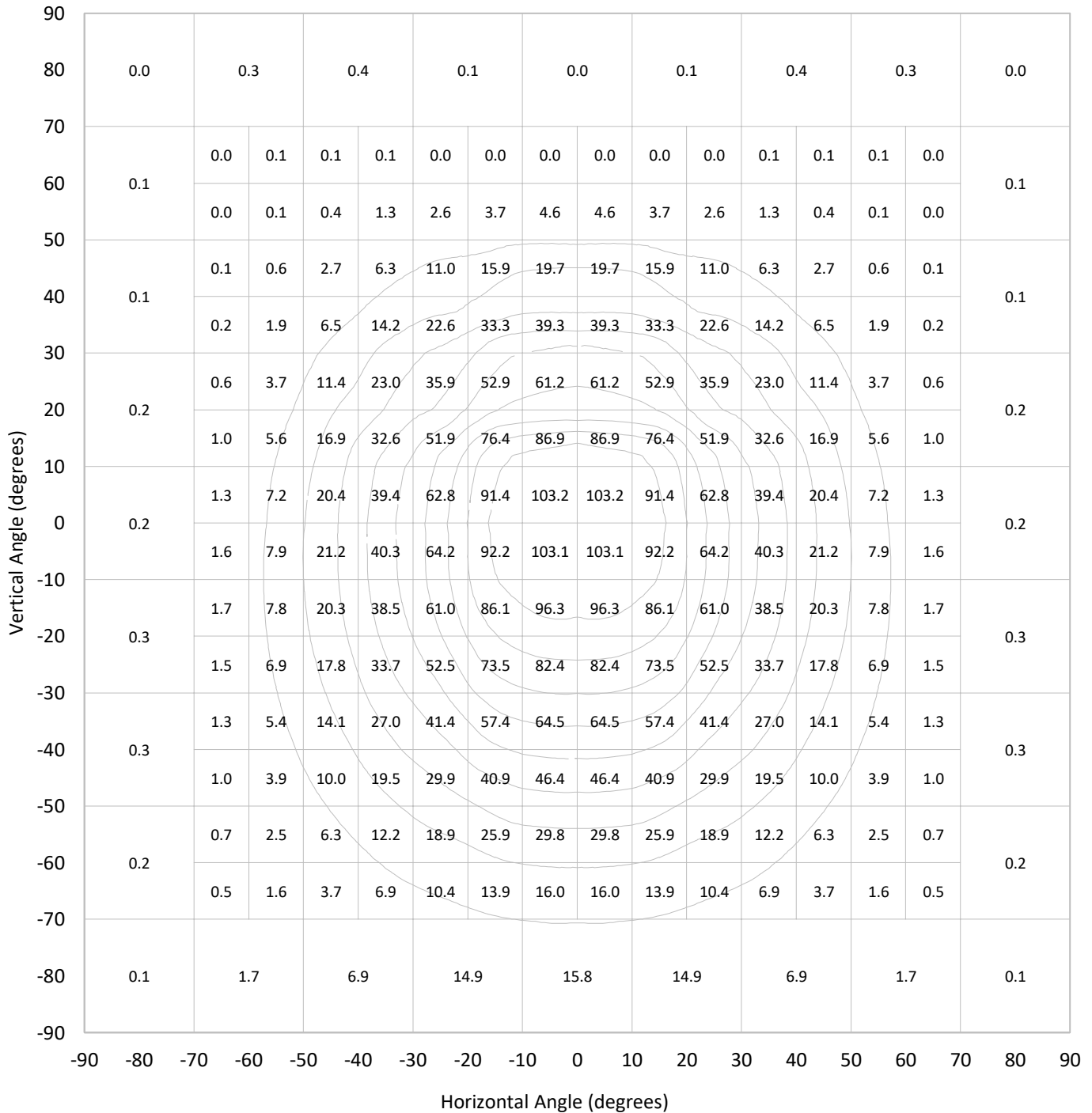
Iso-Candela Plot





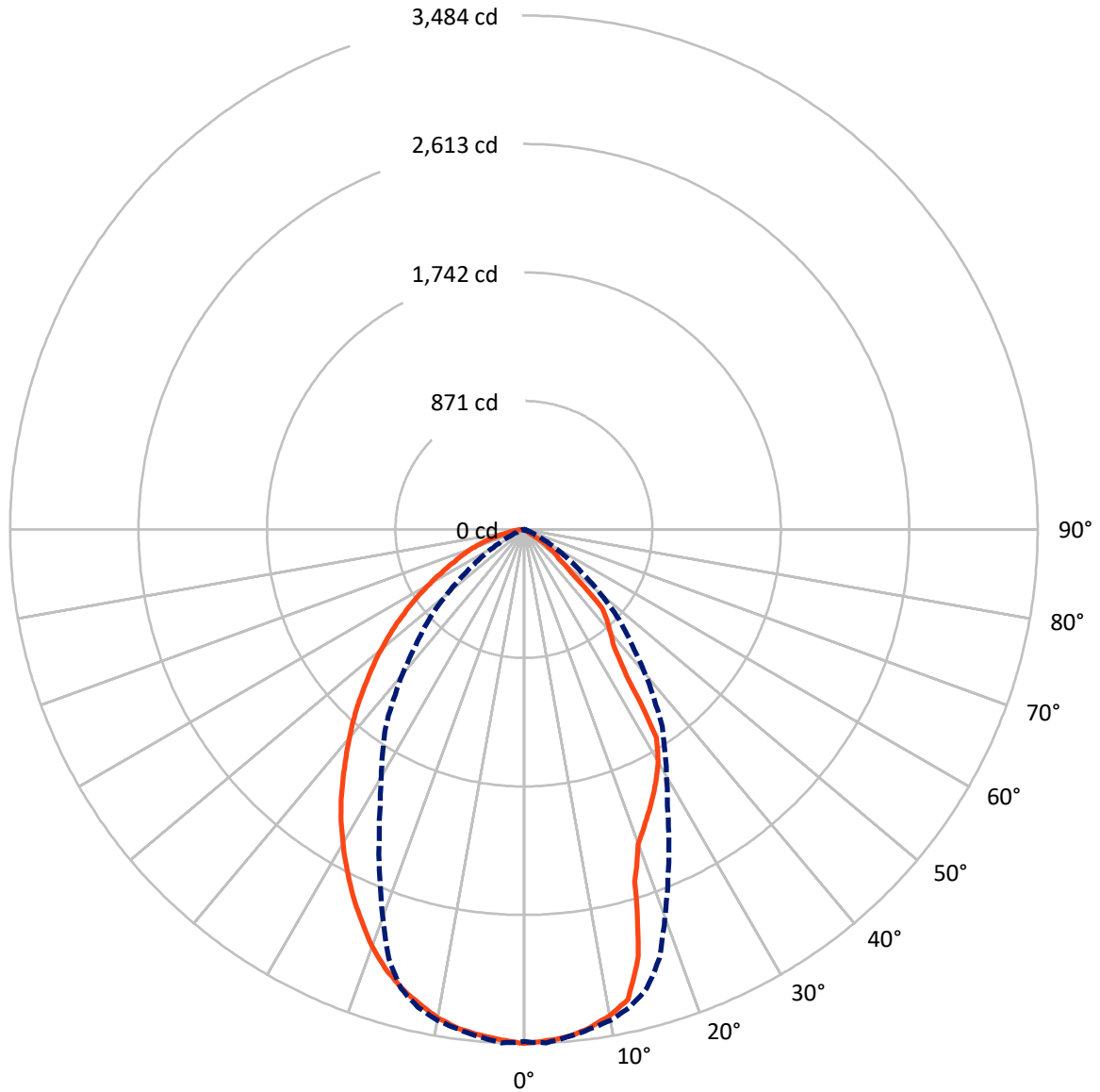
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Lumen Table



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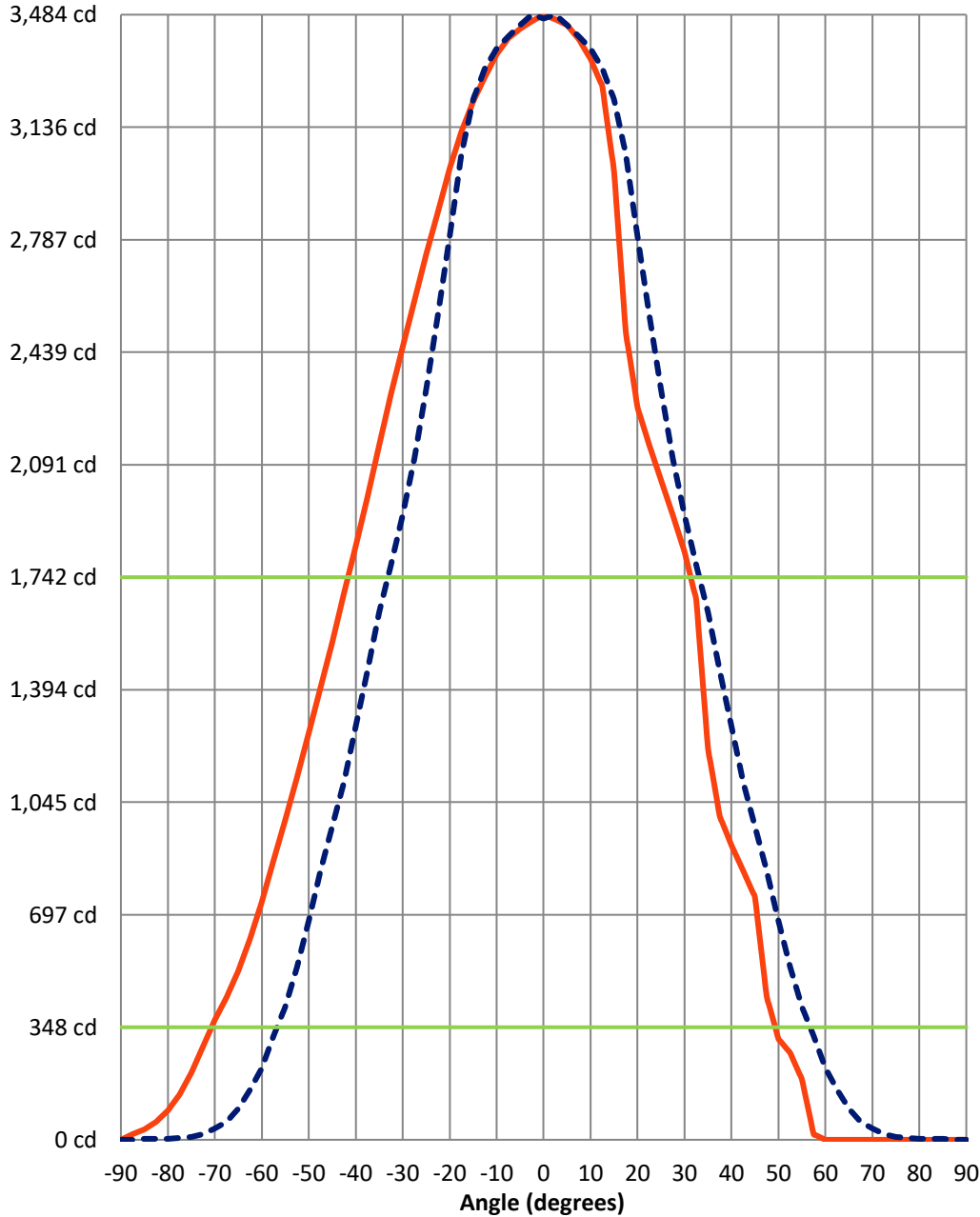
Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 66.3°
 V Angle: 73°
 Lumens: 2835.9
 Efficiency: 58.4%

Field:
 H Angle: 113.5°
 V Angle: 120°
 Lumens: 4618.9
 Efficiency: 95.1%

Spill:
 Lumens: 239.9
 Efficiency: 4.9%

— Vertical Distribution through 2.5-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	2.9	2.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	2.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	2.9
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	2.9	2.9	2.9
60°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	5.8	5.8	2.9	5.8
57.5°	14.6	17.5	17.5	20.5	20.5	20.5	35.1	38.0	29.2	23.4	29.2
55°	169.5	187.1	187.1	169.5	152.0	128.6	122.8	122.8	131.5	114.0	90.6
52.5°	266.0	268.9	260.1	248.5	233.8	219.2	207.5	195.8	184.1	169.5	149.1
50°	309.8	312.8	309.8	306.9	298.1	286.4	266.0	239.7	219.2	222.1	201.7
47.5°	426.8	444.3	456.0	467.7	464.7	435.5	388.8	342.0	324.4	315.7	298.1
45°	748.3	751.2	727.8	704.4	678.1	625.5	570.0	532.0	473.5	441.4	429.7
42.5°	830.1	833.0	824.3	812.6	798.0	745.4	681.0	608.0	572.9	540.7	508.6
40°	909.0	912.0	903.2	891.5	874.0	827.2	765.8	701.5	646.0	593.4	564.1
37.5°	1002.6	1002.6	1002.6	996.7	982.1	947.0	879.8	818.4	739.5	657.7	651.8
35°	1195.5	1213.0	1233.5	1236.4	1218.9	1175.0	1099.0	1020.1	903.2	812.6	798.0
32.5°	1657.3	1671.9	1625.2	1581.3	1534.6	1511.2	1426.4	1268.6	1177.9	1034.7	961.7
30°	1826.8	1821.0	1797.6	1771.3	1742.1	1704.1	1593.0	1449.8	1312.4	1204.3	1107.8
27.5°	1937.9	1935.0	1917.5	1891.2	1859.0	1815.2	1709.9	1572.5	1429.3	1297.8	1195.5
25°	2051.9	2043.1	2022.7	1996.4	1964.2	1914.5	1826.8	1695.3	1537.5	1388.4	1274.4
22.5°	2165.9	2151.3	2125.0	2101.6	2066.5	2022.7	1952.5	1809.3	1636.9	1487.8	1359.2
20°	2279.9	2268.2	2247.8	2230.2	2192.2	2145.4	2078.2	1940.8	1768.4	1604.7	1449.8
17.5°	2493.3	2502.0	2499.1	2481.6	2437.7	2399.7	2350.1	2177.6	2005.1	1780.1	1625.2
15°	3042.8	2998.9	2952.2	2908.3	2890.8	2809.0	2733.0	2519.6	2312.1	2046.1	1879.5
12.5°	3302.9	3262.0	3235.7	3209.4	3148.0	3098.3	2963.9	2768.0	2505.0	2262.4	2098.7
10°	3381.9	3346.8	3340.9	3300.0	3253.2	3180.2	3074.9	2885.0	2616.0	2376.4	2168.8
7.5°	3437.4	3408.2	3387.7	3358.5	3314.6	3238.6	3133.4	2940.5	2689.1	2443.6	2221.4
5°	3472.5	3452.0	3425.7	3396.5	3349.7	3276.6	3168.5	2987.3	2733.0	2487.4	2265.3
2.5°	3481.2	3469.5	3449.1	3405.2	3361.4	3291.2	3183.1	3010.6	2756.3	2510.8	2288.7
0°	3472.5	3484.2	3452.0	3416.9	3378.9	3317.6	3221.1	3051.6	2797.3	2554.7	2323.7
-2.5°	3405.2	3463.7	3452.0	3408.2	3361.4	3291.2	3186.0	3028.2	2776.8	2522.5	2300.4
-5°	3405.2	3440.3	3416.9	3408.2	3358.5	3288.3	3188.9	3031.1	2791.4	2537.1	2309.1
-7.5°	3381.9	3411.1	3387.7	3358.5	3332.2	3262.0	3165.6	3010.6	2782.7	2531.3	2303.3
-10°	3329.2	3361.4	3346.8	3314.6	3262.0	3209.4	3124.6	2990.2	2753.4	2505.0	2282.8
-12.5°	3267.9	3291.2	3285.4	3253.2	3197.7	3136.3	3057.4	2928.8	2706.7	2464.0	2241.9
-15°	3194.8	3215.2	3212.3	3177.2	3121.7	3054.5	2966.8	2838.2	2636.5	2408.5	2201.0
-17.5°	3104.2	3121.7	3118.8	3080.8	3034.0	2963.9	2876.2	2750.5	2551.7	2335.4	2136.7
-20°	2990.2	3007.7	3001.9	2966.8	2920.0	2858.6	2773.9	2642.3	2458.2	2253.6	2066.5



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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°	2876.2	2873.3	2870.3	2844.0	2800.2	2741.7	2668.7	2528.4	2350.1	2160.1	1984.7
-25°	2747.6	2741.7	2735.9	2712.5	2668.7	2613.1	2537.1	2420.2	2241.9	2051.9	1885.3
-27.5°	2589.7	2598.5	2592.7	2569.3	2531.3	2478.7	2396.8	2297.4	2130.8	1949.6	1783.0
-30°	2446.5	2455.3	2443.6	2423.1	2385.1	2338.4	2256.5	2151.3	2011.0	1844.4	1692.4
-32.5°	2306.2	2309.1	2291.6	2271.1	2236.1	2189.3	2119.1	2005.1	1873.6	1727.5	1593.0
-35°	2142.5	2151.3	2136.7	2116.2	2087.0	2043.1	1987.6	1870.7	1739.2	1601.8	1487.8
-37.5°	1984.7	1990.5	1981.8	1964.2	1937.9	1894.1	1841.5	1742.1	1613.5	1484.9	1382.6
-40°	1841.5	1838.5	1826.8	1812.2	1788.8	1745.0	1692.4	1610.5	1493.6	1376.7	1274.4
-42.5°	1686.5	1692.4	1680.7	1666.1	1645.6	1598.9	1543.3	1476.1	1370.9	1268.6	1172.1
-45°	1540.4	1540.4	1531.6	1519.9	1499.5	1455.6	1394.2	1332.9	1242.3	1157.5	1078.6
-47.5°	1397.2	1400.1	1391.3	1376.7	1359.2	1318.3	1256.9	1189.6	1116.6	1046.4	976.3
-50°	1253.9	1259.8	1251.0	1239.3	1221.8	1186.7	1128.3	1061.0	993.8	935.3	876.9
-52.5°	1119.5	1122.4	1113.6	1102.0	1087.3	1061.0	1002.6	944.1	879.8	830.1	780.4
-55°	988.0	990.9	985.0	973.3	958.7	935.3	885.7	830.1	774.6	724.9	684.0
-57.5°	862.3	865.2	856.4	844.7	830.1	812.6	768.7	719.0	666.4	622.6	587.5
-60°	733.7	736.6	733.7	722.0	707.4	689.8	654.7	613.8	572.9	534.9	505.7
-62.5°	625.5	622.6	613.8	605.1	593.4	578.7	552.4	520.3	488.1	456.0	429.7
-65°	520.3	523.2	520.3	508.6	496.9	485.2	467.7	441.4	418.0	391.7	371.2
-67.5°	444.3	441.4	441.4	429.7	420.9	412.1	394.6	377.1	356.6	336.1	315.7
-70°	368.3	371.2	371.2	359.5	353.7	344.9	333.2	318.6	301.1	286.4	268.9
-72.5°	286.4	289.4	292.3	286.4	286.4	283.5	277.7	266.0	254.3	242.6	230.9
-75°	201.7	207.5	210.5	216.3	219.2	225.1	228.0	219.2	207.5	198.8	190.0
-77.5°	134.5	140.3	143.2	152.0	160.8	166.6	172.5	169.5	163.7	157.8	152.0
-80°	87.7	90.6	93.5	105.2	111.1	119.8	128.6	125.7	122.8	119.8	116.9
-82.5°	52.6	55.5	58.5	67.2	76.0	81.8	90.6	87.7	87.7	84.8	84.8
-85°	29.2	32.2	35.1	40.9	46.8	52.6	55.5	52.6	52.6	49.7	46.8
-87.5°	14.6	17.5	17.5	20.5	23.4	23.4	26.3	23.4	23.4	23.4	20.5
-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
82.5°	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
80°	2.9	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8
77.5°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8
75°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	2.9
72.5°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	2.9	2.9
70°	0.0	2.9	2.9	2.9	2.9	5.8	5.8	5.8	5.8	2.9	2.9
67.5°	0.0	2.9	2.9	2.9	2.9	2.9	2.9	5.8	5.8	2.9	2.9
65°	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
60°	5.8	5.8	5.8	5.8	5.8	2.9	2.9	5.8	5.8	2.9	2.9
57.5°	29.2	17.5	14.6	17.5	14.6	14.6	8.8	5.8	5.8	5.8	5.8
55°	76.0	73.1	55.5	40.9	35.1	29.2	20.5	14.6	8.8	8.8	8.8
52.5°	125.7	108.1	99.4	84.8	67.2	55.5	40.9	29.2	17.5	11.7	8.8
50°	169.5	157.8	143.2	125.7	105.2	87.7	70.2	49.7	35.1	23.4	14.6
47.5°	268.9	233.8	210.5	187.1	152.0	128.6	108.1	84.8	58.5	38.0	26.3
45°	385.8	327.4	286.4	263.1	219.2	175.4	146.1	125.7	90.6	58.5	40.9
42.5°	473.5	420.9	359.5	315.7	274.8	230.9	187.1	157.8	125.7	87.7	55.5
40°	534.9	485.2	429.7	382.9	324.4	277.7	233.8	198.8	163.7	122.8	76.0
37.5°	613.8	564.1	511.5	464.7	400.4	324.4	283.5	245.5	204.6	157.8	108.1
35°	774.6	681.0	619.7	561.2	488.1	406.3	336.1	295.2	248.5	195.8	143.2
32.5°	947.0	865.2	745.4	672.3	599.2	494.0	412.1	344.9	292.3	236.8	175.4
30°	1055.2	973.3	871.0	780.4	681.0	578.7	488.1	403.4	339.1	274.8	210.5
27.5°	1119.5	1055.2	958.7	853.5	754.1	646.0	555.4	470.6	380.0	309.8	242.6
25°	1189.6	1113.6	1037.6	920.7	812.6	704.4	610.9	532.0	423.8	342.0	271.8
22.5°	1253.9	1183.8	1104.9	990.9	868.1	762.9	684.0	590.4	479.4	377.1	301.1
20°	1365.0	1291.9	1189.6	1061.0	947.0	856.4	762.9	657.7	532.0	409.2	327.4
17.5°	1546.2	1441.0	1297.8	1169.2	1061.0	952.9	841.8	736.6	584.6	450.1	362.4
15°	1762.5	1607.6	1443.9	1294.9	1172.1	1052.3	923.7	798.0	643.0	502.7	397.5
12.5°	1911.6	1727.5	1578.4	1423.5	1283.2	1142.9	988.0	844.7	695.7	546.6	429.7
10°	1981.8	1815.2	1680.7	1522.9	1344.6	1180.9	1028.9	885.7	739.5	584.6	461.8
7.5°	2028.5	1864.8	1715.8	1563.8	1379.6	1215.9	1061.0	917.8	777.5	616.7	494.0
5°	2057.8	1888.2	1739.2	1590.1	1405.9	1239.3	1081.5	947.0	806.7	643.0	514.4
2.5°	2075.3	1911.6	1762.5	1619.3	1435.2	1265.6	1102.0	964.6	827.2	666.4	529.1
0°	2110.4	1935.0	1780.1	1633.9	1452.7	1280.3	1107.8	970.4	833.0	678.1	534.9
-2.5°	2095.8	1926.2	1771.3	1633.9	1458.6	1283.2	1119.5	973.3	838.9	695.7	546.6
-5°	2107.4	1929.1	1768.4	1622.2	1452.7	1274.4	1116.6	967.5	836.0	701.5	549.5
-7.5°	2104.5	1929.1	1768.4	1616.4	1452.7	1277.3	1116.6	967.5	836.0	701.5	552.4
-10°	2089.9	1917.5	1756.7	1604.7	1441.0	1271.5	1110.7	961.7	830.1	695.7	555.4
-12.5°	2060.7	1894.1	1733.3	1581.3	1420.6	1253.9	1093.2	950.0	821.3	686.9	552.4
-15°	2019.8	1856.1	1698.2	1549.2	1394.2	1230.6	1069.8	932.4	806.7	672.3	546.6
-17.5°	1967.1	1809.3	1654.4	1508.2	1359.2	1201.3	1046.4	917.8	786.3	657.7	532.0
-20°	1899.9	1750.8	1607.6	1464.4	1318.3	1163.3	1017.2	885.7	762.9	637.2	517.4



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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°	1823.9	1689.5	1549.2	1411.8	1271.5	1119.5	979.2	853.5	733.7	613.8	499.8
-25°	1747.9	1619.3	1487.8	1356.2	1218.9	1075.6	938.3	815.5	701.5	587.5	479.4
-27.5°	1657.3	1537.5	1417.6	1294.9	1166.3	1028.9	897.3	780.4	669.4	555.4	456.0
-30°	1563.8	1452.7	1344.6	1236.4	1107.8	976.3	850.6	739.5	631.4	526.1	429.7
-32.5°	1473.2	1367.9	1268.6	1160.4	1046.4	917.8	803.8	695.7	590.4	491.1	397.5
-35°	1382.6	1286.1	1189.6	1087.3	973.3	856.4	751.2	646.0	549.5	456.0	371.2
-37.5°	1289.0	1201.3	1110.7	1011.3	903.2	798.0	692.7	599.2	511.5	420.9	342.0
-40°	1192.6	1113.6	1034.7	938.3	841.8	736.6	637.2	549.5	467.7	385.8	318.6
-42.5°	1099.0	1026.0	950.0	865.2	771.7	675.2	584.6	502.7	426.8	356.6	292.3
-45°	1005.5	935.3	865.2	789.2	698.6	608.0	532.0	458.9	388.8	324.4	266.0
-47.5°	909.0	847.7	777.5	704.4	625.5	546.6	476.4	412.1	347.8	289.4	239.7
-50°	818.4	760.0	695.7	622.6	549.5	485.2	423.8	365.4	306.9	257.2	213.4
-52.5°	733.7	678.1	613.8	549.5	485.2	426.8	374.1	321.5	268.9	228.0	192.9
-55°	640.1	596.3	537.8	482.3	426.8	377.1	327.4	283.5	239.7	201.7	169.5
-57.5°	552.4	517.4	470.6	420.9	374.1	330.3	292.3	251.4	213.4	181.2	152.0
-60°	476.4	444.3	406.3	365.4	327.4	292.3	257.2	222.1	190.0	160.8	134.5
-62.5°	406.3	380.0	350.8	318.6	286.4	254.3	225.1	195.8	166.6	140.3	119.8
-65°	347.8	324.4	301.1	274.8	245.5	219.2	192.9	166.6	146.1	122.8	105.2
-67.5°	298.1	277.7	257.2	233.8	210.5	187.1	166.6	146.1	125.7	108.1	93.5
-70°	251.4	236.8	219.2	198.8	181.2	160.8	140.3	125.7	108.1	93.5	81.8
-72.5°	216.3	201.7	187.1	169.5	154.9	137.4	122.8	108.1	93.5	81.8	70.2
-75°	178.3	166.6	154.9	140.3	125.7	111.1	96.5	84.8	76.0	67.2	61.4
-77.5°	143.2	131.5	119.8	111.1	96.5	84.8	73.1	64.3	58.5	52.6	49.7
-80°	108.1	102.3	93.5	84.8	73.1	61.4	52.6	43.8	40.9	40.9	38.0
-82.5°	78.9	73.1	67.2	61.4	52.6	46.8	38.0	32.2	29.2	29.2	26.3
-85°	43.8	43.8	40.9	38.0	35.1	29.2	23.4	20.5	20.5	17.5	17.5
-87.5°	20.5	17.5	17.5	17.5	14.6	14.6	11.7	11.7	8.8	8.8	8.8
-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0	0.0	0.0
85°	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	0.0	0.0
82.5°	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	0.0	0.0
80°	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	0.0
77.5°	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	0.0
75°	5.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	0.0
72.5°	2.9	2.9	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	5.8	5.8	2.9	2.9	2.9	2.9	2.9
67.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
65°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
60°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
57.5°	5.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
55°	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
52.5°	8.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9
50°	11.7	8.8	8.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
47.5°	14.6	11.7	8.8	8.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
45°	26.3	14.6	11.7	8.8	8.8	5.8	5.8	2.9	2.9	2.9	2.9
42.5°	38.0	23.4	14.6	11.7	8.8	5.8	5.8	2.9	2.9	2.9	2.9
40°	52.6	35.1	20.5	14.6	8.8	8.8	5.8	5.8	2.9	2.9	2.9
37.5°	70.2	46.8	29.2	17.5	11.7	8.8	8.8	5.8	2.9	2.9	2.9
35°	93.5	61.4	38.0	23.4	14.6	11.7	8.8	5.8	5.8	2.9	2.9
32.5°	122.8	78.9	49.7	29.2	17.5	11.7	8.8	5.8	5.8	2.9	2.9
30°	149.1	96.5	64.3	38.0	23.4	14.6	8.8	8.8	5.8	2.9	2.9
27.5°	178.3	122.8	76.0	46.8	29.2	17.5	11.7	8.8	5.8	2.9	2.9
25°	204.6	143.2	93.5	55.5	35.1	20.5	11.7	8.8	5.8	5.8	2.9
22.5°	230.9	163.7	108.1	67.2	40.9	23.4	14.6	8.8	5.8	5.8	2.9
20°	260.1	187.1	125.7	78.9	49.7	29.2	14.6	8.8	8.8	5.8	2.9
17.5°	286.4	210.5	143.2	90.6	55.5	32.2	17.5	11.7	8.8	5.8	2.9
15°	312.8	230.9	160.8	102.3	61.4	38.0	20.5	11.7	8.8	5.8	2.9
12.5°	336.1	251.4	175.4	111.1	70.2	40.9	23.4	11.7	8.8	5.8	2.9
10°	359.5	268.9	187.1	122.8	76.0	43.8	26.3	14.6	8.8	5.8	2.9
7.5°	382.9	286.4	198.8	131.5	81.8	49.7	26.3	14.6	8.8	5.8	2.9
5°	394.6	298.1	207.5	140.3	87.7	52.6	32.2	14.6	8.8	5.8	2.9
2.5°	406.3	312.8	216.3	149.1	93.5	52.6	32.2	17.5	8.8	5.8	2.9
0°	412.1	321.5	222.1	154.9	96.5	55.5	35.1	17.5	8.8	5.8	2.9
-2.5°	426.8	330.3	230.9	160.8	102.3	61.4	38.0	20.5	8.8	5.8	2.9
-5°	435.5	336.1	239.7	163.7	108.1	67.2	38.0	20.5	11.7	5.8	2.9
-7.5°	441.4	339.1	242.6	166.6	111.1	70.2	38.0	23.4	11.7	5.8	2.9
-10°	441.4	339.1	245.5	169.5	114.0	73.1	40.9	23.4	11.7	5.8	2.9
-12.5°	438.4	336.1	245.5	169.5	116.9	73.1	40.9	23.4	11.7	5.8	2.9
-15°	432.6	333.2	242.6	169.5	116.9	73.1	40.9	26.3	11.7	5.8	2.9
-17.5°	423.8	324.4	239.7	166.6	114.0	73.1	43.8	26.3	11.7	8.8	2.9
-20°	412.1	315.7	233.8	163.7	111.1	73.1	43.8	26.3	11.7	8.8	5.8



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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°	397.5	304.0	225.1	157.8	108.1	70.2	43.8	26.3	14.6	8.8	5.8
-25°	380.0	292.3	216.3	149.1	105.2	67.2	43.8	26.3	14.6	8.8	5.8
-27.5°	359.5	277.7	204.6	143.2	99.4	67.2	43.8	26.3	14.6	8.8	5.8
-30°	336.1	263.1	192.9	137.4	96.5	64.3	40.9	23.4	14.6	8.8	2.9
-32.5°	318.6	248.5	181.2	128.6	93.5	61.4	40.9	23.4	14.6	8.8	5.8
-35°	298.1	233.8	172.5	122.8	87.7	58.5	38.0	23.4	14.6	8.8	5.8
-37.5°	277.7	216.3	163.7	119.8	84.8	55.5	38.0	23.4	14.6	8.8	5.8
-40°	260.1	201.7	152.0	111.1	78.9	52.6	35.1	23.4	14.6	8.8	5.8
-42.5°	239.7	187.1	143.2	105.2	73.1	49.7	32.2	23.4	14.6	8.8	5.8
-45°	219.2	172.5	131.5	96.5	67.2	46.8	32.2	20.5	14.6	8.8	5.8
-47.5°	195.8	157.8	119.8	87.7	64.3	43.8	29.2	20.5	14.6	8.8	5.8
-50°	178.3	140.3	108.1	78.9	58.5	43.8	29.2	20.5	14.6	8.8	5.8
-52.5°	157.8	125.7	96.5	73.1	55.5	40.9	29.2	20.5	14.6	8.8	5.8
-55°	140.3	111.1	87.7	67.2	52.6	38.0	29.2	20.5	14.6	8.8	5.8
-57.5°	125.7	99.4	78.9	64.3	49.7	38.0	26.3	17.5	11.7	8.8	5.8
-60°	111.1	90.6	73.1	61.4	46.8	35.1	26.3	17.5	11.7	8.8	5.8
-62.5°	99.4	81.8	67.2	55.5	43.8	32.2	23.4	17.5	11.7	8.8	5.8
-65°	87.7	76.0	61.4	52.6	40.9	32.2	23.4	14.6	11.7	5.8	5.8
-67.5°	78.9	67.2	55.5	46.8	38.0	29.2	23.4	14.6	8.8	5.8	5.8
-70°	70.2	58.5	49.7	43.8	35.1	26.3	20.5	14.6	8.8	5.8	5.8
-72.5°	61.4	52.6	46.8	38.0	32.2	23.4	17.5	11.7	8.8	5.8	5.8
-75°	55.5	46.8	40.9	35.1	29.2	20.5	14.6	11.7	5.8	5.8	2.9
-77.5°	46.8	38.0	32.2	29.2	23.4	17.5	14.6	8.8	5.8	5.8	2.9
-80°	35.1	29.2	26.3	23.4	20.5	14.6	11.7	8.8	5.8	2.9	2.9
-82.5°	26.3	23.4	20.5	17.5	14.6	11.7	8.8	5.8	5.8	2.9	2.9
-85°	17.5	14.6	11.7	11.7	8.8	8.8	5.8	2.9	2.9	2.9	2.9
-87.5°	8.8	8.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	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°	2.9	0.0	0.0	0.0
57.5°	2.9	0.0	0.0	0.0
55°	2.9	0.0	0.0	0.0
52.5°	2.9	0.0	0.0	0.0
50°	2.9	0.0	0.0	0.0
47.5°	2.9	0.0	0.0	0.0
45°	2.9	0.0	0.0	0.0
42.5°	2.9	0.0	0.0	0.0
40°	2.9	2.9	0.0	0.0
37.5°	2.9	2.9	0.0	0.0
35°	2.9	2.9	0.0	0.0
32.5°	2.9	2.9	0.0	0.0
30°	2.9	2.9	0.0	0.0
27.5°	2.9	2.9	0.0	0.0
25°	2.9	2.9	0.0	0.0
22.5°	2.9	2.9	0.0	0.0
20°	2.9	2.9	0.0	0.0
17.5°	2.9	2.9	0.0	0.0
15°	2.9	2.9	0.0	0.0
12.5°	2.9	2.9	0.0	0.0
10°	2.9	2.9	0.0	0.0
7.5°	2.9	2.9	0.0	0.0
5°	2.9	2.9	0.0	0.0
2.5°	2.9	2.9	0.0	0.0
0°	2.9	2.9	0.0	0.0
-2.5°	2.9	2.9	0.0	0.0
-5°	2.9	2.9	0.0	0.0
-7.5°	2.9	2.9	0.0	0.0
-10°	2.9	2.9	0.0	0.0
-12.5°	2.9	2.9	0.0	0.0
-15°	2.9	2.9	0.0	0.0
-17.5°	2.9	2.9	0.0	0.0
-20°	2.9	2.9	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.9	2.9	0.0	0.0
-25°	2.9	2.9	0.0	0.0
-27.5°	2.9	2.9	0.0	0.0
-30°	2.9	2.9	0.0	0.0
-32.5°	2.9	2.9	0.0	0.0
-35°	2.9	2.9	0.0	0.0
-37.5°	2.9	2.9	0.0	0.0
-40°	2.9	2.9	0.0	0.0
-42.5°	2.9	2.9	0.0	0.0
-45°	2.9	2.9	0.0	0.0
-47.5°	2.9	2.9	0.0	0.0
-50°	2.9	2.9	0.0	0.0
-52.5°	2.9	2.9	0.0	0.0
-55°	2.9	2.9	0.0	0.0
-57.5°	2.9	2.9	0.0	0.0
-60°	2.9	2.9	0.0	0.0
-62.5°	2.9	2.9	0.0	0.0
-65°	2.9	2.9	0.0	0.0
-67.5°	2.9	2.9	0.0	0.0
-70°	2.9	2.9	0.0	0.0
-72.5°	2.9	2.9	0.0	0.0
-75°	2.9	0.0	0.0	0.0
-77.5°	2.9	0.0	0.0	0.0
-80°	2.9	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)