

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: P639997

Luminaire Tested: **IFLD-L-SA7A-AMB-U-66-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P639997
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-AMB-U-66-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 6 distribution lens and VISOR
Light Source: (112) 1620K CCT, 0 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6255.4 lumens	Max Intensity:	7011.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	28.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

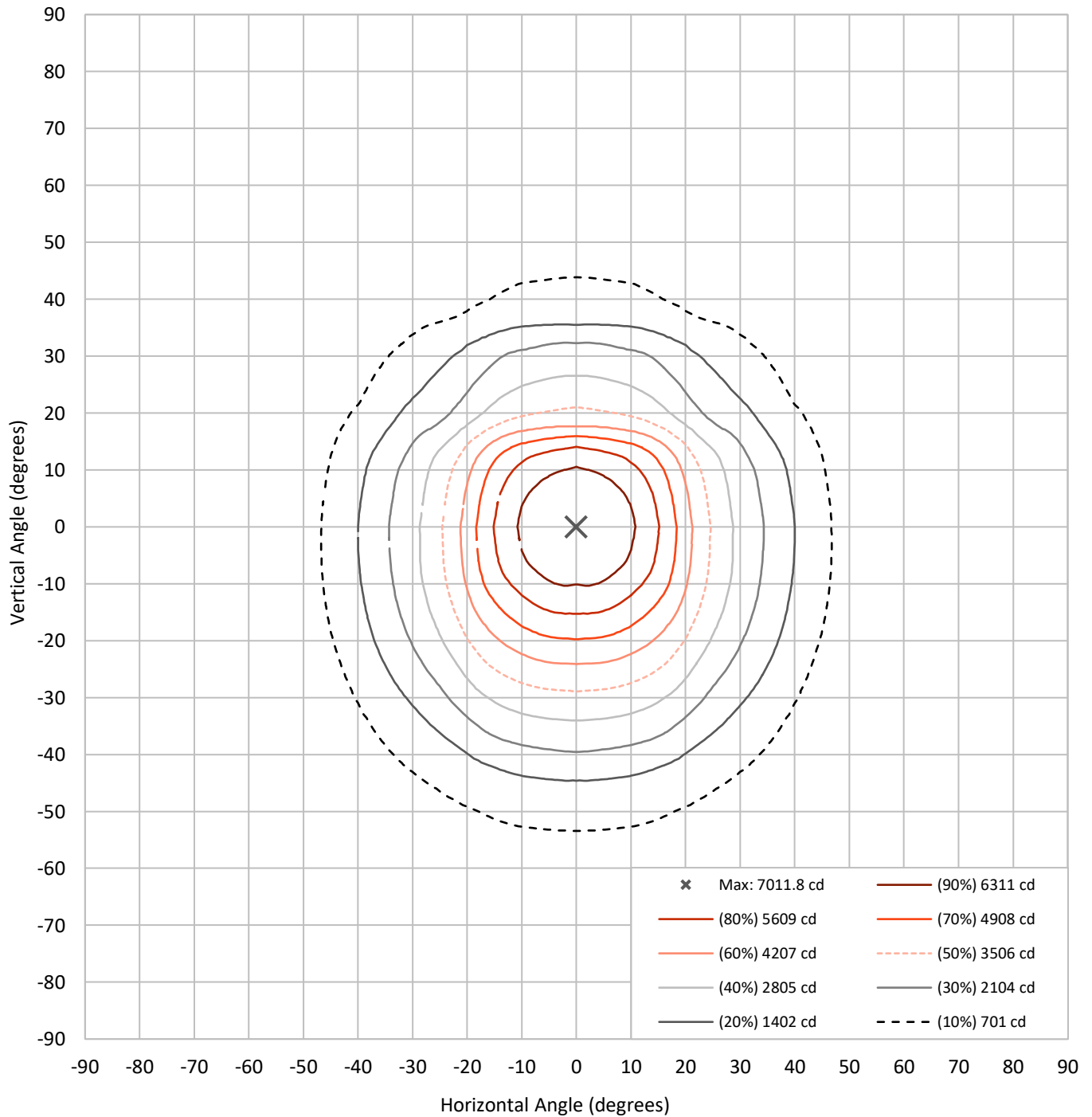
Beam Angle (50%):	49.1°H x 49.9°V	Field Angle (10%):	93.3°H x 97.2°V
Beam Lumens:	3101.7 lumens	Field Lumens:	5678.4 lumens
Beam Efficiency:	49.6%	Field Efficiency:	90.8%

Input Watts (W): 217.6
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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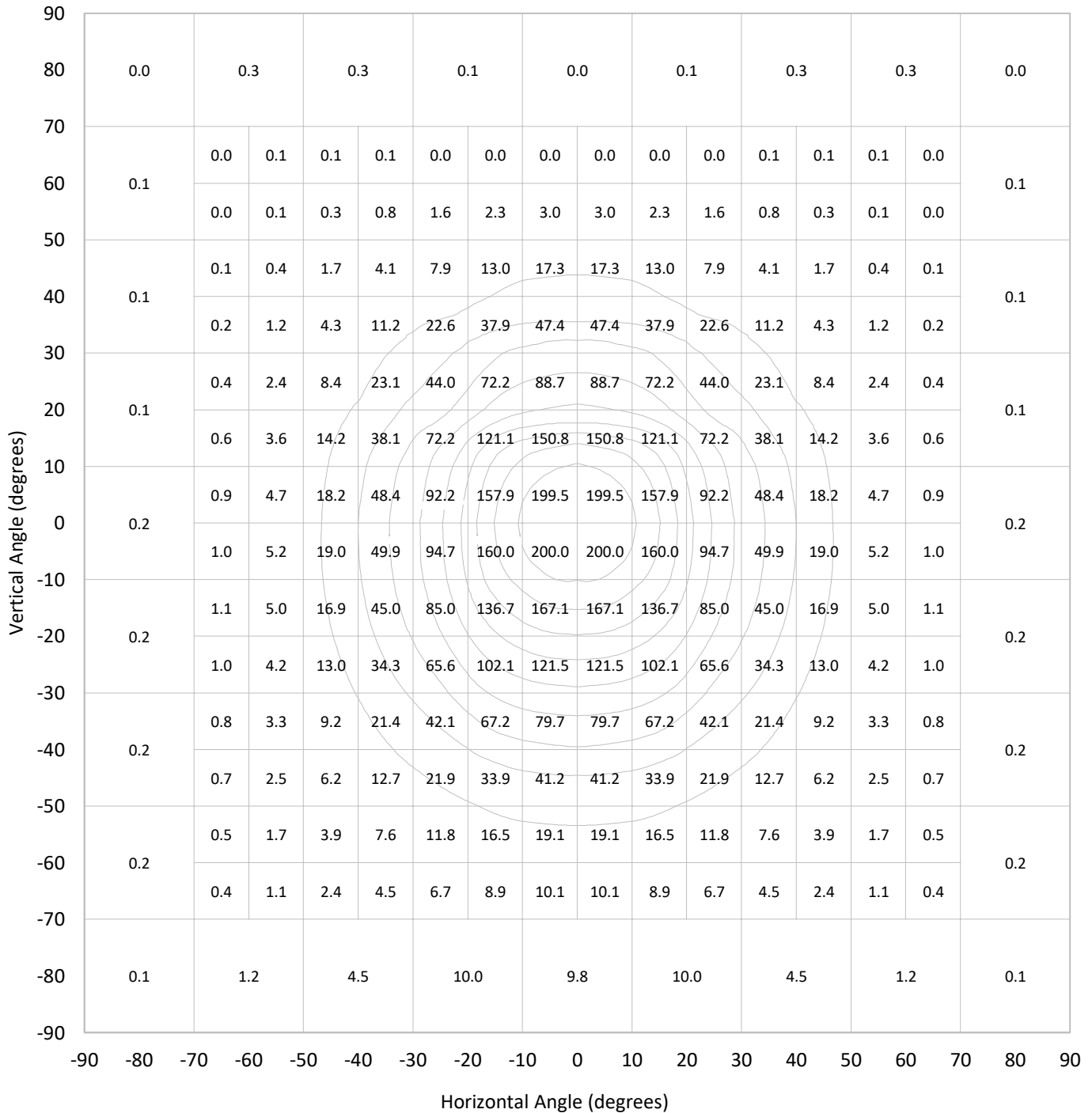
Iso-Candela Plot





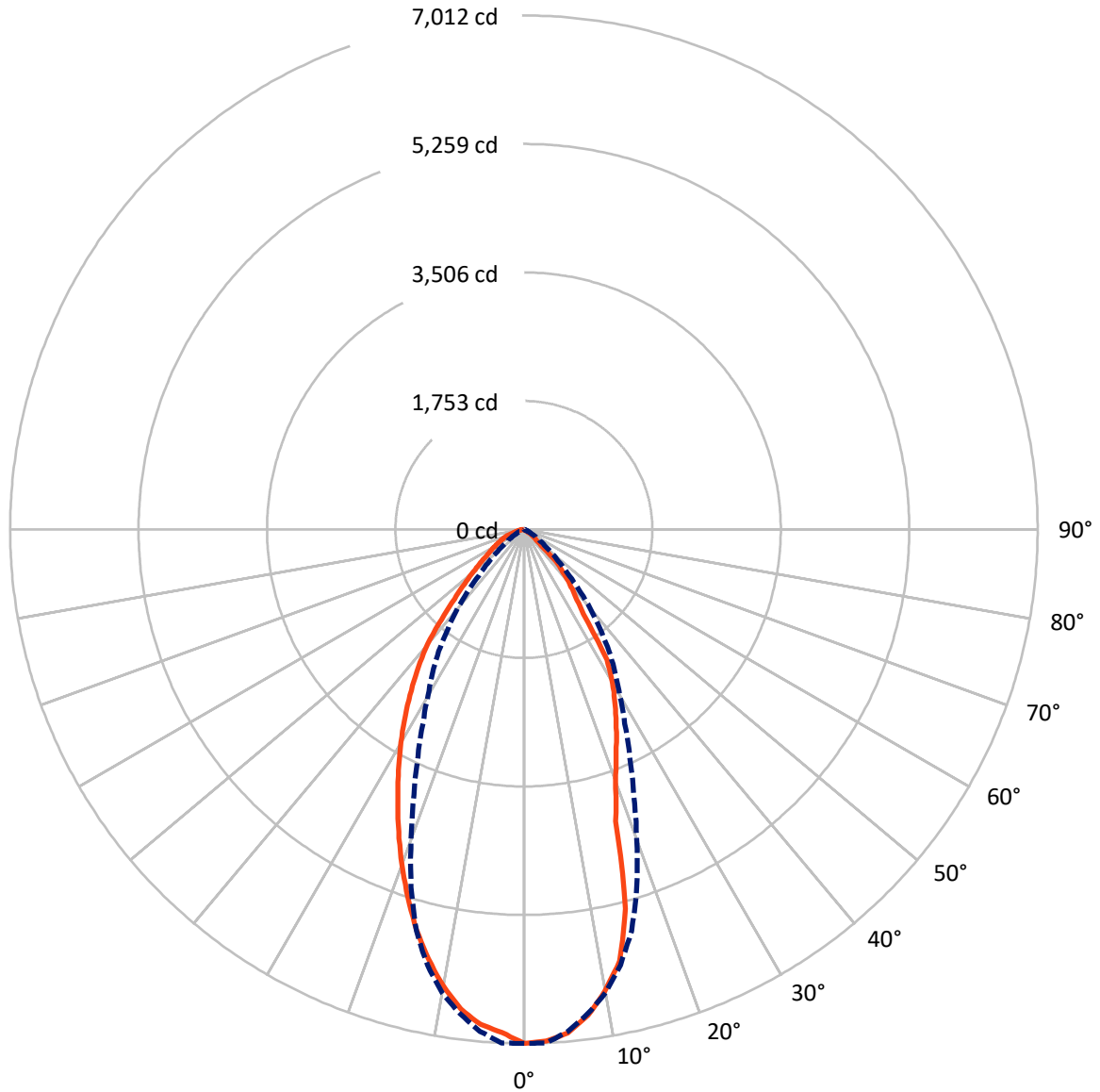
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Lumen Table



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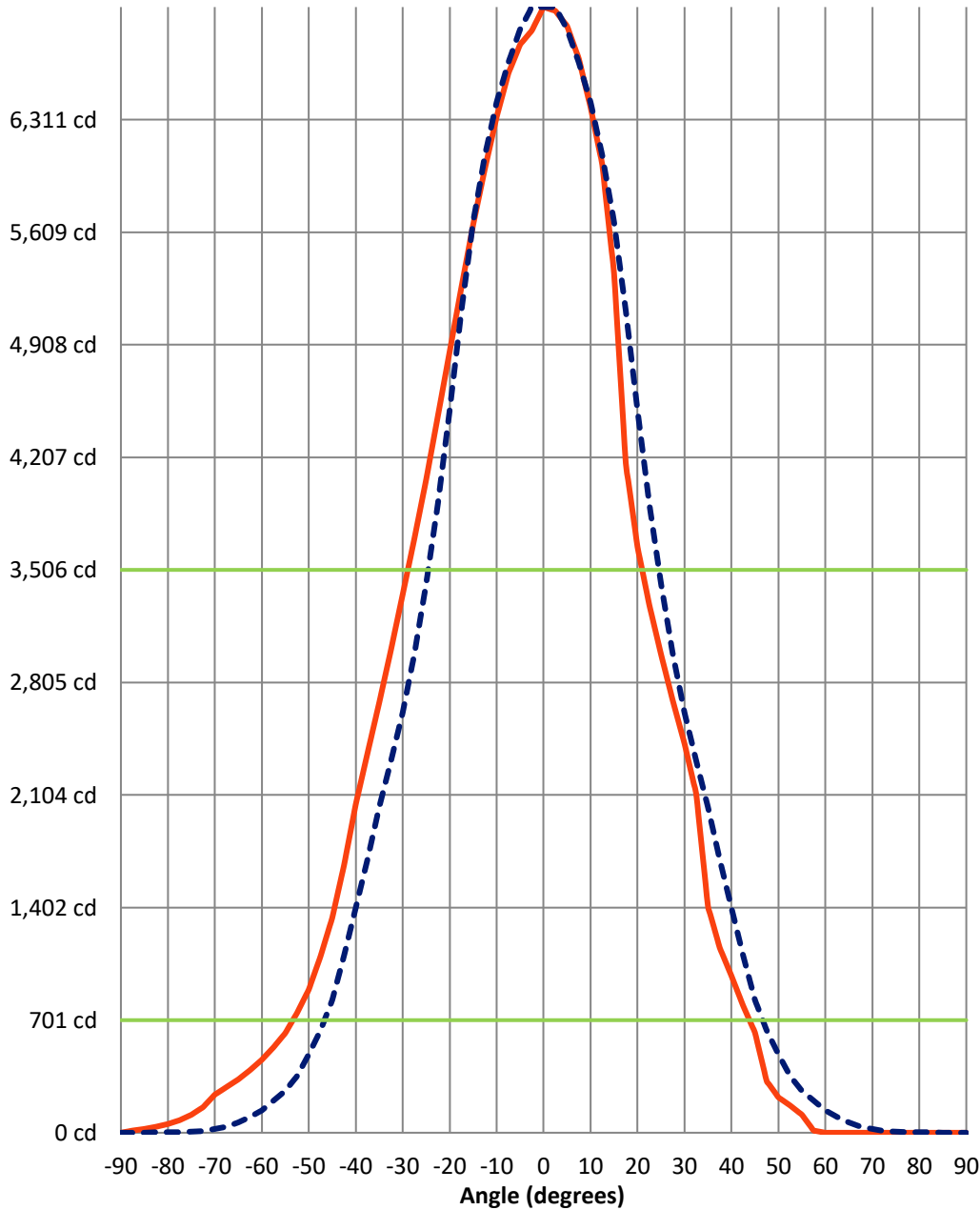
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 49.1°
 V Angle: 49.9°
 Lumens: 3101.7
 Efficiency: 49.6%

Field:
 H Angle: 93.3°
 V Angle: 97.2°
 Lumens: 5678.4
 Efficiency: 90.8%

Spill:
 Lumens: 577
 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	3.4	3.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4
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	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	13.6	13.6	13.6	17.0	17.0	17.0	20.3	23.7	17.0	13.6	20.3
55°	111.9	115.3	108.5	101.7	91.5	81.4	74.6	71.2	74.6	64.4	54.3
52.5°	169.5	169.5	166.1	156.0	149.2	139.0	128.8	118.7	111.9	101.7	88.2
50°	220.4	217.0	213.6	210.2	203.4	193.3	179.7	159.4	142.4	142.4	128.8
47.5°	322.1	332.3	339.1	349.2	345.8	318.7	278.0	230.6	217.0	213.6	200.0
45°	623.9	620.5	593.4	573.0	545.9	498.4	440.8	400.1	345.8	311.9	295.0
42.5°	790.0	783.2	766.3	749.3	725.6	657.8	579.8	501.8	457.7	413.7	376.4
40°	976.5	976.5	956.2	932.4	898.5	823.9	732.4	644.2	573.0	498.4	454.3
37.5°	1152.8	1159.6	1142.6	1122.3	1088.4	1027.4	935.8	837.5	729.0	620.5	583.2
35°	1410.5	1424.1	1430.8	1424.1	1400.3	1332.5	1203.7	1112.1	952.8	827.3	786.6
32.5°	2109.0	2132.7	2058.1	1973.3	1881.8	1830.9	1712.3	1485.1	1352.9	1139.3	1013.8
30°	2424.3	2431.1	2383.6	2332.8	2268.3	2176.8	2000.5	1790.3	1580.0	1410.5	1247.8
27.5°	2692.2	2688.8	2648.1	2587.0	2519.2	2420.9	2234.4	2010.6	1790.3	1576.6	1407.1
25°	2980.4	2973.6	2926.1	2858.3	2776.9	2654.9	2475.2	2241.2	1990.3	1749.6	1556.3
22.5°	3288.9	3272.0	3214.3	3146.5	3048.2	2915.9	2743.0	2475.2	2187.0	1942.8	1719.0
20°	3648.3	3611.0	3550.0	3492.3	3380.5	3241.4	3038.0	2753.2	2444.6	2159.8	1888.6
17.5°	4170.5	4201.0	4160.3	4068.8	3929.7	3780.6	3550.0	3194.0	2878.6	2481.9	2183.6
15°	5353.8	5269.0	5153.8	4984.2	4872.3	4601.1	4309.5	3828.0	3438.1	2936.3	2597.2
12.5°	6028.5	5940.4	5842.1	5699.6	5452.1	5204.6	4811.3	4340.0	3800.9	3319.4	2960.0
10°	6387.9	6299.8	6215.0	6031.9	5787.8	5492.8	5106.3	4624.8	4028.1	3539.8	3105.8
7.5°	6689.7	6594.8	6476.1	6296.4	6055.7	5740.3	5326.7	4801.1	4217.9	3682.2	3217.7
5°	6893.1	6815.2	6679.5	6506.6	6252.3	5916.6	5489.4	4943.5	4336.6	3783.9	3305.9
2.5°	6988.1	6927.1	6821.9	6615.1	6360.8	6008.2	5577.6	5031.7	4407.8	3841.6	3360.1
0°	7011.8	7011.8	6872.8	6666.0	6418.5	6086.2	5672.5	5119.8	4499.4	3919.6	3421.1
-2.5°	6866.0	6944.0	6849.1	6638.8	6364.2	6021.8	5611.5	5092.7	4475.6	3895.8	3383.8
-5°	6777.9	6832.1	6713.4	6557.5	6286.2	5950.6	5550.5	5052.0	4441.7	3882.3	3387.2
-7.5°	6598.2	6655.8	6520.2	6333.7	6123.5	5801.4	5438.6	4957.1	4380.7	3828.0	3353.3
-10°	6326.9	6371.0	6262.5	6089.6	5838.7	5577.6	5248.7	4824.9	4268.8	3736.5	3285.5
-12.5°	6004.8	6025.1	5947.2	5777.6	5553.8	5299.6	4994.4	4614.6	4116.2	3614.4	3173.6
-15°	5655.6	5655.6	5594.5	5445.3	5231.7	4991.0	4709.6	4360.3	3919.6	3458.4	3051.6
-17.5°	5265.6	5252.1	5214.8	5079.2	4902.8	4675.7	4418.0	4092.5	3695.8	3272.0	2892.2
-20°	4865.6	4841.8	4814.7	4696.0	4536.7	4350.2	4116.2	3828.0	3475.4	3078.7	2729.5



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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°	4465.5	4445.1	4418.0	4323.1	4184.0	4021.3	3834.8	3553.4	3207.5	2871.9	2553.1
-25°	4068.8	4055.2	4028.1	3956.9	3841.6	3695.8	3519.5	3275.3	2966.8	2648.1	2346.3
-27.5°	3702.6	3668.7	3651.7	3597.5	3495.7	3366.9	3200.8	2997.3	2722.7	2420.9	2139.5
-30°	3353.3	3343.2	3305.9	3258.4	3166.8	3051.6	2899.0	2709.1	2475.2	2200.5	1949.6
-32.5°	3007.5	2997.3	2966.8	2922.7	2844.7	2746.4	2614.2	2424.3	2207.3	1963.2	1739.4
-35°	2678.6	2661.6	2627.7	2590.4	2526.0	2441.3	2336.1	2146.3	1936.0	1712.3	1512.2
-37.5°	2363.3	2349.7	2312.4	2271.7	2214.1	2136.1	2044.5	1864.8	1661.4	1458.0	1278.3
-40°	2044.5	2027.6	1990.3	1946.2	1885.2	1800.4	1691.9	1556.3	1383.4	1207.1	1071.4
-42.5°	1664.8	1668.2	1641.1	1603.8	1549.5	1468.1	1369.8	1268.1	1142.6	1013.8	901.9
-45°	1339.3	1339.3	1315.6	1288.4	1251.1	1193.5	1115.5	1037.5	946.0	854.4	762.9
-47.5°	1098.6	1088.4	1068.0	1051.1	1024.0	983.3	922.3	851.0	786.6	718.8	651.0
-50°	891.7	891.7	881.6	868.0	851.0	817.1	766.3	712.0	657.8	610.3	562.8
-52.5°	745.9	742.5	732.4	718.8	705.3	684.9	644.2	600.1	556.1	518.8	484.9
-55°	620.5	620.5	613.7	606.9	596.8	583.2	549.3	515.4	478.1	447.6	420.4
-57.5°	532.3	528.9	522.2	515.4	508.6	498.4	471.3	444.2	413.7	386.5	366.2
-60°	454.3	451.0	447.6	440.8	434.0	427.2	406.9	383.1	359.4	335.7	315.3
-62.5°	389.9	386.5	383.1	379.8	373.0	362.8	349.2	328.9	308.5	288.2	274.6
-65°	332.3	328.9	325.5	322.1	318.7	311.9	298.4	284.8	267.9	250.9	237.3
-67.5°	284.8	281.4	281.4	274.6	271.3	267.9	257.7	244.1	230.6	220.4	206.8
-70°	237.3	237.3	237.3	230.6	230.6	227.2	220.4	210.2	200.0	189.9	179.7
-72.5°	159.4	166.1	169.5	172.9	179.7	183.1	186.5	179.7	169.5	162.8	152.6
-75°	111.9	115.3	118.7	128.8	135.6	145.8	152.6	145.8	139.0	132.2	125.5
-77.5°	78.0	81.4	81.4	91.5	101.7	108.5	118.7	115.3	108.5	105.1	101.7
-80°	54.3	57.6	57.6	67.8	74.6	84.8	91.5	88.2	84.8	81.4	78.0
-82.5°	37.3	40.7	40.7	47.5	54.3	61.0	67.8	64.4	61.0	57.6	54.3
-85°	23.7	27.1	27.1	30.5	37.3	40.7	44.1	40.7	37.3	33.9	30.5
-87.5°	13.6	13.6	13.6	17.0	20.3	20.3	23.7	20.3	20.3	17.0	17.0
-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):

	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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8
82.5°	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8
80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8
77.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
75°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
72.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
70°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
67.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
65°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	3.4	3.4	3.4	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	20.3	13.6	13.6	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4
55°	47.5	47.5	37.3	27.1	23.7	20.3	13.6	10.2	6.8	6.8	3.4
52.5°	74.6	67.8	61.0	54.3	44.1	33.9	27.1	20.3	13.6	10.2	6.8
50°	108.5	98.3	88.2	74.6	64.4	54.3	44.1	33.9	23.7	17.0	10.2
47.5°	179.7	152.6	132.2	115.3	91.5	78.0	67.8	54.3	37.3	27.1	17.0
45°	261.1	217.0	186.5	166.1	135.6	108.5	91.5	78.0	57.6	37.3	27.1
42.5°	339.1	288.2	244.1	206.8	176.3	145.8	118.7	98.3	78.0	54.3	37.3
40°	410.3	356.0	298.4	261.1	213.6	179.7	149.2	125.5	101.7	78.0	47.5
37.5°	515.4	451.0	383.1	332.3	274.6	213.6	183.1	156.0	128.8	98.3	67.8
35°	725.6	590.0	501.8	427.2	356.0	281.4	220.4	186.5	156.0	122.1	91.5
32.5°	959.5	820.5	640.8	542.5	454.3	356.0	278.0	223.8	186.5	149.2	111.9
30°	1139.3	990.1	817.1	661.2	542.5	434.0	342.5	264.5	217.0	172.9	132.2
27.5°	1274.9	1139.3	962.9	786.6	623.9	505.2	406.9	322.1	247.5	193.3	149.2
25°	1407.1	1264.7	1108.7	908.7	725.6	576.4	464.5	376.4	281.4	217.0	169.5
22.5°	1529.2	1396.9	1237.6	1040.9	830.7	647.6	539.1	434.0	325.5	244.1	186.5
20°	1725.8	1583.4	1386.8	1163.0	959.5	779.8	627.3	498.4	373.0	267.9	203.4
17.5°	2020.8	1824.2	1569.9	1322.3	1115.5	912.1	712.0	576.4	420.4	298.4	227.2
15°	2356.5	2092.0	1783.5	1502.0	1264.7	1047.7	817.1	637.4	474.7	339.1	250.9
12.5°	2583.7	2268.3	1973.3	1685.1	1417.3	1166.4	905.3	691.7	518.8	376.4	274.6
10°	2719.3	2400.6	2122.5	1824.2	1515.6	1234.2	966.3	735.8	556.1	406.9	298.4
7.5°	2814.2	2481.9	2193.7	1895.4	1583.4	1288.4	1013.8	773.1	586.6	434.0	318.7
5°	2882.0	2532.8	2241.2	1946.2	1630.9	1332.5	1047.7	803.6	610.3	457.7	332.3
2.5°	2919.3	2583.7	2285.3	1997.1	1678.4	1380.0	1085.0	823.9	630.7	478.1	345.8
0°	2983.8	2617.6	2315.8	2027.6	1702.1	1400.3	1102.0	827.3	637.4	488.3	352.6
-2.5°	2963.4	2610.8	2315.8	2031.0	1705.5	1407.1	1105.3	834.1	644.2	495.0	362.8
-5°	2977.0	2604.0	2295.5	2003.9	1688.5	1390.2	1085.0	827.3	640.8	491.6	366.2
-7.5°	2956.6	2587.0	2271.7	1980.1	1671.6	1369.8	1071.4	817.1	637.4	488.3	369.6
-10°	2895.6	2539.6	2227.6	1939.4	1637.7	1332.5	1040.9	800.2	623.9	481.5	366.2
-12.5°	2797.3	2471.8	2173.4	1881.8	1586.8	1281.7	996.8	776.5	606.9	471.3	359.4
-15°	2698.9	2390.4	2092.0	1807.2	1522.4	1220.6	942.6	742.5	583.2	454.3	349.2
-17.5°	2570.1	2278.5	1993.7	1722.4	1444.4	1152.8	891.7	712.0	552.7	434.0	335.7
-20°	2424.3	2149.7	1895.4	1627.5	1346.1	1068.0	840.9	668.0	525.5	413.7	318.7



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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°	2264.9	2017.4	1766.5	1505.4	1234.2	973.1	776.5	620.5	498.4	393.3	308.5
-25°	2102.2	1868.2	1624.1	1366.4	1115.5	895.1	715.4	573.0	467.9	373.0	295.0
-27.5°	1919.1	1698.7	1461.4	1224.0	996.8	807.0	654.4	535.7	437.4	349.2	281.4
-30°	1725.8	1508.8	1291.8	1078.2	895.1	732.4	596.8	495.0	406.9	328.9	261.1
-32.5°	1519.0	1319.0	1125.7	952.8	790.0	651.0	545.9	454.3	373.0	301.8	240.7
-35°	1315.6	1135.9	983.3	834.1	698.5	586.6	491.6	410.3	342.5	278.0	223.8
-37.5°	1115.5	983.3	854.4	729.0	620.5	525.5	444.2	373.0	311.9	254.3	206.8
-40°	949.4	844.3	739.2	644.2	556.1	471.3	396.7	339.1	284.8	234.0	193.3
-42.5°	810.4	722.2	647.6	569.6	495.0	423.8	359.4	308.5	261.1	217.0	179.7
-45°	691.7	623.9	566.2	505.2	440.8	379.8	328.9	281.4	237.3	196.7	162.8
-47.5°	593.4	545.9	491.6	444.2	389.9	339.1	295.0	254.3	213.6	176.3	149.2
-50°	515.4	474.7	430.6	386.5	342.5	301.8	264.5	223.8	186.5	156.0	135.6
-52.5°	447.6	413.7	379.8	342.5	305.2	267.9	234.0	196.7	166.1	142.4	122.1
-55°	393.3	366.2	332.3	298.4	267.9	237.3	203.4	176.3	152.6	128.8	108.5
-57.5°	342.5	318.7	291.6	264.5	237.3	210.2	183.1	159.4	135.6	115.3	98.3
-60°	298.4	278.0	254.3	230.6	210.2	186.5	166.1	142.4	122.1	101.7	88.2
-62.5°	257.7	240.7	223.8	203.4	183.1	162.8	145.8	125.5	108.5	91.5	78.0
-65°	223.8	210.2	196.7	176.3	159.4	142.4	125.5	108.5	94.9	81.4	71.2
-67.5°	193.3	183.1	169.5	152.6	135.6	122.1	108.5	94.9	84.8	74.6	64.4
-70°	166.1	156.0	142.4	132.2	118.7	105.1	94.9	81.4	74.6	64.4	57.6
-72.5°	142.4	132.2	122.1	111.9	98.3	88.2	78.0	71.2	61.0	54.3	47.5
-75°	118.7	108.5	98.3	91.5	81.4	71.2	61.0	54.3	47.5	44.1	40.7
-77.5°	94.9	84.8	78.0	67.8	61.0	54.3	44.1	40.7	37.3	33.9	33.9
-80°	71.2	67.8	61.0	54.3	47.5	40.7	33.9	27.1	27.1	27.1	27.1
-82.5°	50.9	47.5	44.1	40.7	37.3	30.5	27.1	20.3	20.3	20.3	20.3
-85°	30.5	30.5	27.1	27.1	23.7	20.3	17.0	13.6	13.6	13.6	13.6
-87.5°	13.6	13.6	13.6	13.6	13.6	10.2	10.2	6.8	6.8	6.8	6.8
-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°	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
80°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0
77.5°	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0
75°	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	6.8	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0
70°	3.4	3.4	3.4	3.4	6.8	6.8	3.4	3.4	3.4	0.0	0.0
67.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
65°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
60°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
57.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
52.5°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
50°	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
47.5°	10.2	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4
45°	20.3	10.2	10.2	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4
42.5°	27.1	17.0	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4	3.4
40°	33.9	23.7	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4	3.4
37.5°	44.1	30.5	20.3	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4
35°	61.0	40.7	27.1	17.0	10.2	10.2	6.8	3.4	3.4	3.4	3.4
32.5°	78.0	50.9	33.9	20.3	13.6	10.2	6.8	3.4	3.4	3.4	3.4
30°	94.9	64.4	40.7	27.1	17.0	10.2	6.8	6.8	3.4	3.4	3.4
27.5°	111.9	78.0	50.9	30.5	20.3	13.6	10.2	6.8	3.4	3.4	3.4
25°	128.8	91.5	61.0	37.3	23.7	13.6	10.2	6.8	3.4	3.4	3.4
22.5°	142.4	105.1	71.2	44.1	27.1	17.0	10.2	6.8	3.4	3.4	3.4
20°	159.4	118.7	81.4	50.9	33.9	20.3	13.6	6.8	6.8	3.4	3.4
17.5°	176.3	132.2	91.5	57.6	37.3	23.7	13.6	10.2	6.8	3.4	3.4
15°	193.3	142.4	101.7	64.4	40.7	23.7	13.6	10.2	6.8	3.4	3.4
12.5°	206.8	156.0	111.9	71.2	44.1	27.1	17.0	10.2	6.8	3.4	3.4
10°	223.8	166.1	118.7	78.0	47.5	30.5	17.0	10.2	6.8	3.4	3.4
7.5°	237.3	172.9	125.5	84.8	54.3	30.5	20.3	10.2	6.8	3.4	3.4
5°	247.5	183.1	132.2	88.2	57.6	33.9	20.3	10.2	6.8	3.4	3.4
2.5°	257.7	193.3	135.6	94.9	61.0	37.3	23.7	10.2	6.8	3.4	3.4
0°	261.1	200.0	139.0	98.3	64.4	37.3	23.7	10.2	6.8	3.4	3.4
-2.5°	271.3	203.4	145.8	101.7	67.8	40.7	23.7	10.2	6.8	3.4	3.4
-5°	274.6	206.8	149.2	105.1	71.2	44.1	27.1	13.6	6.8	3.4	3.4
-7.5°	278.0	206.8	152.6	105.1	71.2	47.5	27.1	13.6	6.8	3.4	3.4
-10°	278.0	206.8	152.6	105.1	74.6	47.5	27.1	13.6	6.8	3.4	3.4
-12.5°	274.6	206.8	152.6	108.5	74.6	50.9	27.1	13.6	10.2	3.4	3.4
-15°	267.9	203.4	149.2	108.5	74.6	50.9	27.1	13.6	10.2	6.8	3.4
-17.5°	261.1	200.0	149.2	105.1	74.6	47.5	27.1	17.0	10.2	6.8	3.4
-20°	254.3	193.3	145.8	101.7	74.6	47.5	30.5	17.0	10.2	6.8	3.4



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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°	244.1	183.1	139.0	98.3	71.2	47.5	30.5	17.0	10.2	6.8	3.4
-25°	234.0	179.7	135.6	94.9	67.8	47.5	30.5	17.0	10.2	6.8	3.4
-27.5°	217.0	169.5	128.8	91.5	67.8	44.1	27.1	17.0	10.2	6.8	3.4
-30°	203.4	162.8	122.1	88.2	64.4	44.1	27.1	17.0	10.2	6.8	3.4
-32.5°	193.3	152.6	115.3	84.8	61.0	44.1	27.1	17.0	10.2	6.8	3.4
-35°	183.1	145.8	108.5	81.4	61.0	40.7	27.1	17.0	10.2	6.8	3.4
-37.5°	169.5	135.6	105.1	78.0	57.6	40.7	27.1	17.0	10.2	6.8	3.4
-40°	159.4	128.8	98.3	74.6	54.3	37.3	23.7	17.0	10.2	6.8	3.4
-42.5°	149.2	118.7	91.5	71.2	50.9	37.3	23.7	17.0	10.2	6.8	3.4
-45°	139.0	111.9	88.2	64.4	47.5	33.9	23.7	17.0	10.2	6.8	3.4
-47.5°	125.5	101.7	81.4	61.0	44.1	30.5	23.7	17.0	10.2	6.8	3.4
-50°	111.9	91.5	74.6	54.3	40.7	30.5	23.7	13.6	10.2	6.8	3.4
-52.5°	101.7	84.8	64.4	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4
-55°	91.5	74.6	61.0	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-57.5°	81.4	67.8	57.6	44.1	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-60°	74.6	61.0	50.9	44.1	33.9	27.1	17.0	13.6	10.2	6.8	3.4
-62.5°	67.8	57.6	47.5	40.7	30.5	23.7	17.0	13.6	6.8	6.8	3.4
-65°	61.0	50.9	44.1	37.3	30.5	23.7	17.0	10.2	6.8	6.8	3.4
-67.5°	54.3	47.5	40.7	33.9	27.1	23.7	17.0	10.2	6.8	6.8	3.4
-70°	47.5	44.1	37.3	33.9	27.1	20.3	13.6	10.2	6.8	3.4	3.4
-72.5°	44.1	37.3	33.9	30.5	23.7	17.0	13.6	10.2	6.8	3.4	3.4
-75°	37.3	33.9	30.5	27.1	20.3	17.0	10.2	6.8	3.4	3.4	0.0
-77.5°	30.5	27.1	23.7	20.3	17.0	13.6	10.2	6.8	3.4	3.4	0.0
-80°	23.7	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4	0.0
-82.5°	17.0	17.0	13.6	13.6	10.2	10.2	6.8	3.4	3.4	0.0	0.0
-85°	13.6	13.6	10.2	10.2	10.2	6.8	3.4	3.4	3.4	0.0	0.0
-87.5°	6.8	6.8	6.8	3.4	3.4	3.4	3.4	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°	3.4	0.0	0.0	0.0
30°	3.4	0.0	0.0	0.0
27.5°	3.4	0.0	0.0	0.0
25°	3.4	0.0	0.0	0.0
22.5°	3.4	0.0	0.0	0.0
20°	3.4	0.0	0.0	0.0
17.5°	3.4	0.0	0.0	0.0
15°	3.4	0.0	0.0	0.0
12.5°	3.4	0.0	0.0	0.0
10°	3.4	0.0	0.0	0.0
7.5°	3.4	0.0	0.0	0.0
5°	3.4	0.0	0.0	0.0
2.5°	3.4	0.0	0.0	0.0
0°	3.4	0.0	0.0	0.0
-2.5°	3.4	0.0	0.0	0.0
-5°	3.4	0.0	0.0	0.0
-7.5°	3.4	0.0	0.0	0.0
-10°	3.4	0.0	0.0	0.0
-12.5°	3.4	0.0	0.0	0.0
-15°	3.4	0.0	0.0	0.0
-17.5°	3.4	0.0	0.0	0.0
-20°	3.4	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.4	0.0	0.0	0.0
-25°	3.4	0.0	0.0	0.0
-27.5°	3.4	0.0	0.0	0.0
-30°	3.4	0.0	0.0	0.0
-32.5°	3.4	0.0	0.0	0.0
-35°	3.4	0.0	0.0	0.0
-37.5°	3.4	0.0	0.0	0.0
-40°	3.4	0.0	0.0	0.0
-42.5°	3.4	0.0	0.0	0.0
-45°	3.4	0.0	0.0	0.0
-47.5°	3.4	0.0	0.0	0.0
-50°	3.4	0.0	0.0	0.0
-52.5°	3.4	0.0	0.0	0.0
-55°	3.4	0.0	0.0	0.0
-57.5°	3.4	0.0	0.0	0.0
-60°	3.4	0.0	0.0	0.0
-62.5°	3.4	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)