

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: P722095

Luminaire Tested: **IFLD-L-SA7A-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722095
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

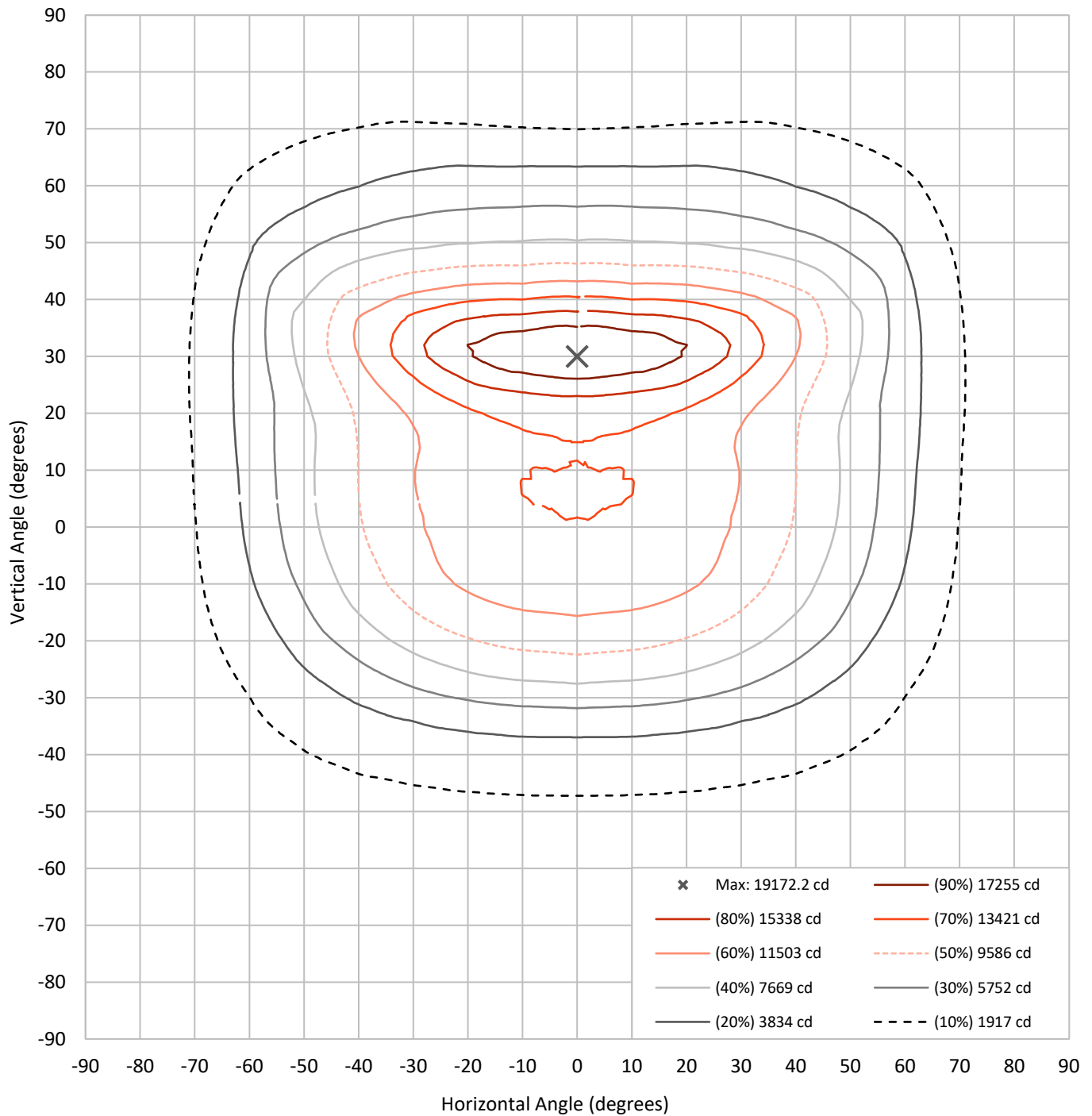
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	32003.2 lumens	Max Intensity:	19172.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	147.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18610.2 lumens	Field Lumens:	29991.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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: 28.75 FT



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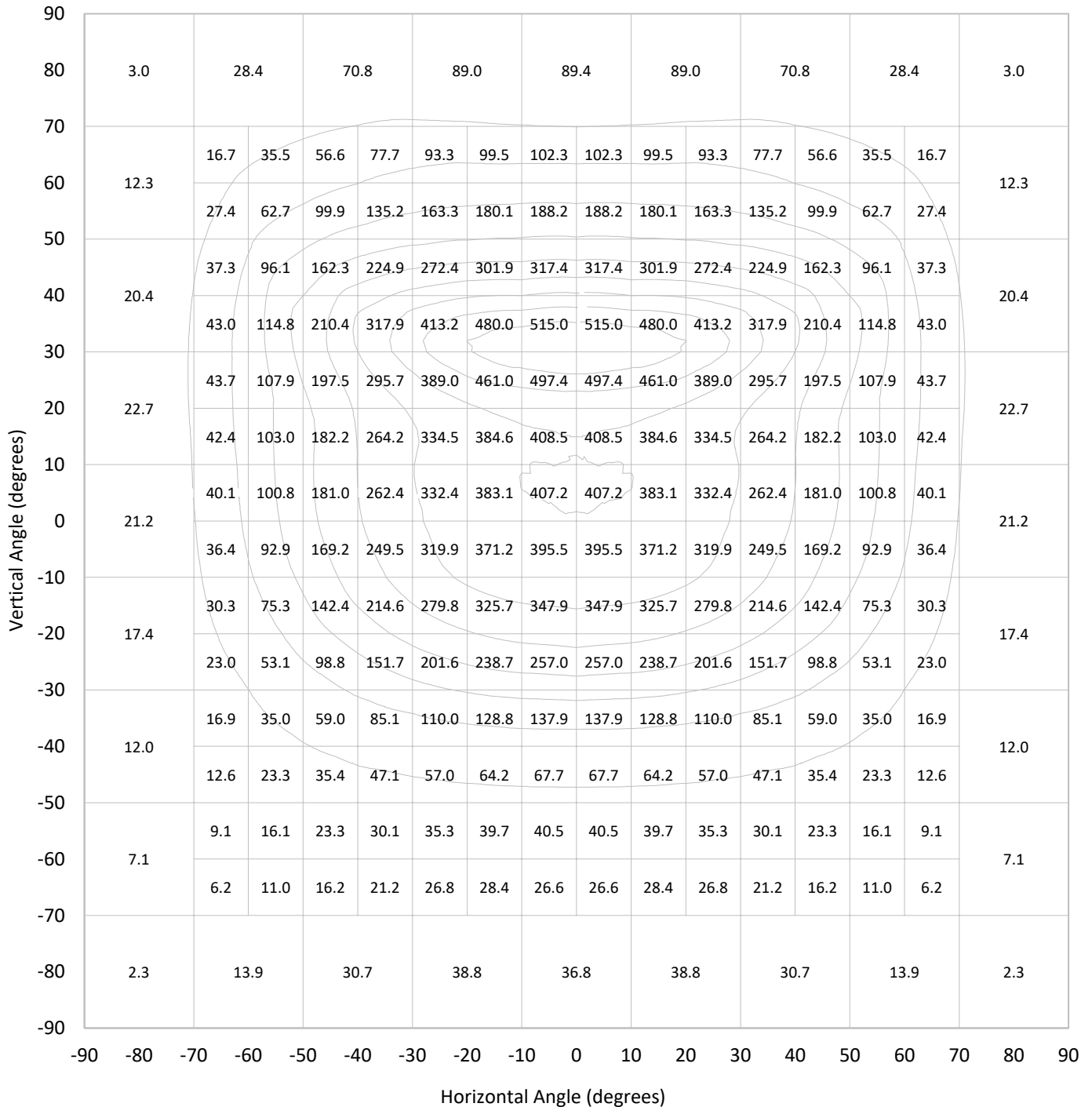
Iso-Candela Plot





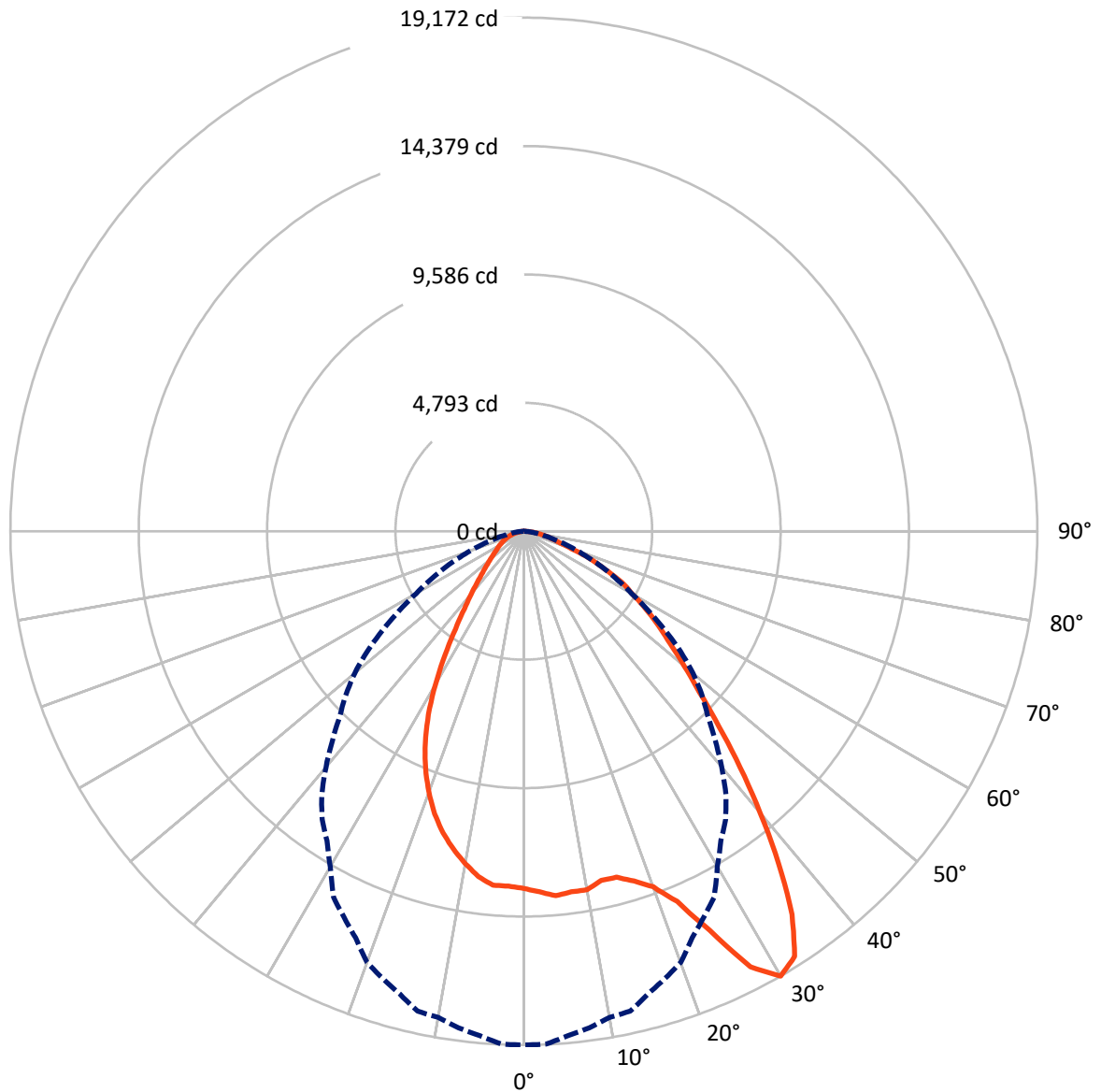
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Lumen Table



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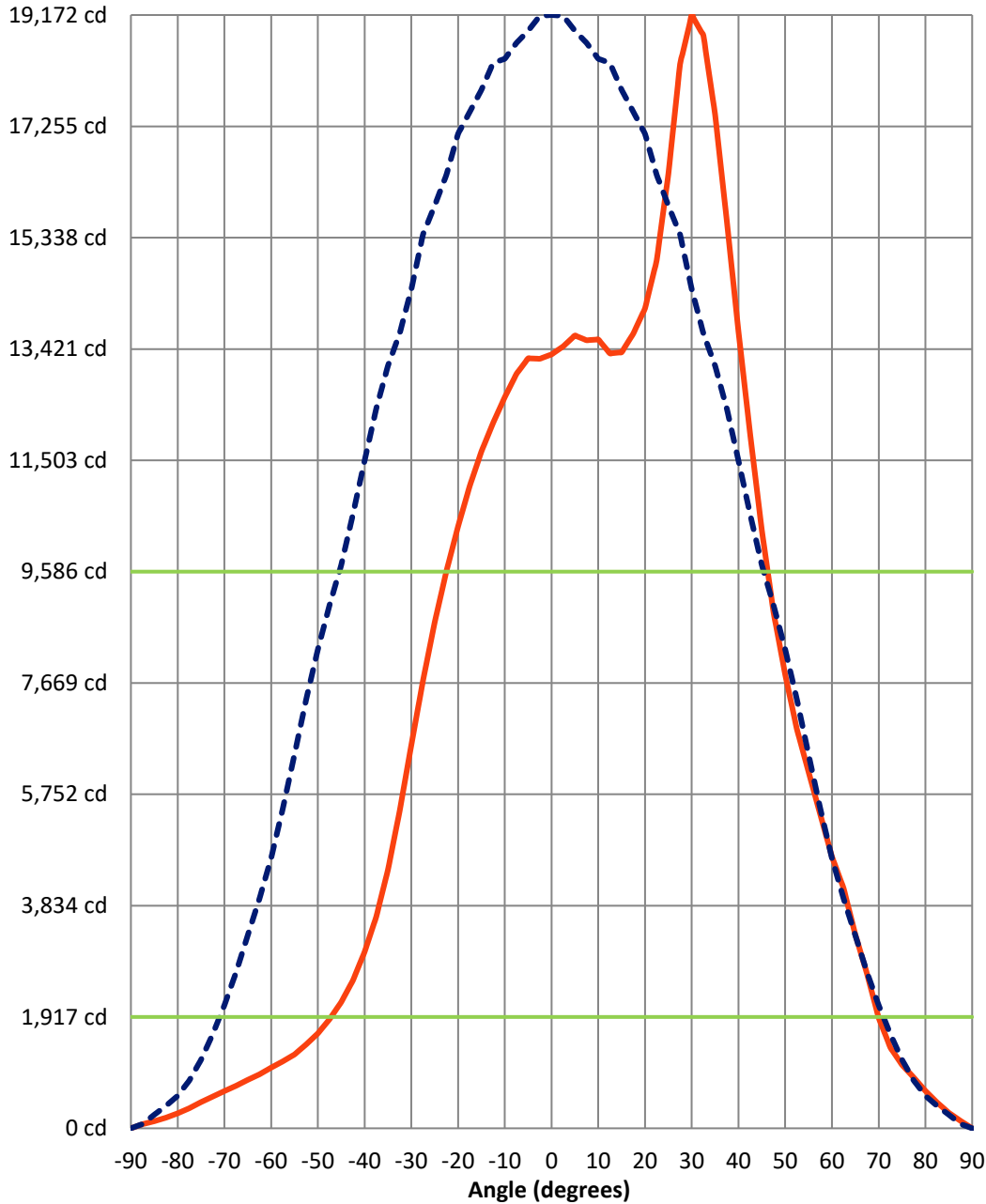
Luminous Intensity Polar Plot



— 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: 18610.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29991.1
 Efficiency: 93.7%

Spill:
 Lumens: 2012.1
 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°	128.8	132.2	135.6	135.6	132.2	132.2	132.2	128.8	132.2	132.2	132.2
85°	267.8	274.6	281.4	278.0	274.6	267.8	261.1	264.4	267.8	271.2	271.2
82.5°	444.1	454.3	461.1	457.7	450.9	444.1	437.3	440.7	447.5	450.9	450.9
80°	644.2	647.5	650.9	657.7	647.5	647.5	644.2	657.7	664.5	671.3	678.1
77.5°	874.7	878.1	878.1	881.5	884.9	888.3	888.3	912.0	928.9	939.1	949.3
75°	1091.7	1101.9	1112.0	1122.2	1135.8	1142.5	1152.7	1186.6	1213.7	1234.1	1254.4
72.5°	1390.0	1403.6	1420.5	1444.3	1468.0	1485.0	1508.7	1549.4	1579.9	1600.2	1624.0
70°	1902.0	1915.5	1932.5	1949.4	1973.2	1990.1	2013.8	2064.7	2095.2	2108.8	2122.3
67.5°	2661.4	2695.3	2725.8	2691.9	2675.0	2651.2	2658.0	2705.5	2736.0	2756.3	2752.9
65°	3336.1	3359.8	3359.8	3356.4	3342.8	3312.3	3329.3	3386.9	3420.8	3437.8	3386.9
62.5°	4129.4	4129.4	4112.4	4139.6	4143.0	4122.6	4112.4	4115.8	4119.2	4129.4	4044.6
60°	4678.6	4712.5	4722.7	4746.4	4753.2	4753.2	4770.2	4783.7	4783.7	4763.4	4665.1
57.5°	5404.2	5468.6	5482.1	5465.2	5431.3	5387.2	5380.4	5360.1	5319.4	5278.7	5231.2
55°	6136.5	6170.4	6167.0	6156.8	6122.9	6072.0	6078.8	6051.7	5987.3	5936.4	5872.0
52.5°	6872.2	6953.5	6967.1	6946.7	6899.3	6845.0	6848.4	6817.9	6753.5	6699.3	6611.1
50°	7811.3	7879.1	7872.3	7838.4	7770.6	7729.9	7733.3	7675.7	7601.1	7584.1	7468.9
47.5°	8886.0	8964.0	8950.4	8903.0	8811.4	8794.5	8811.4	8736.8	8692.8	8655.5	8519.8
45°	10296.4	10387.9	10337.1	10245.5	10099.7	10116.7	10140.4	10126.9	10031.9	9933.6	9760.7
42.5°	11950.8	12008.5	11947.5	11855.9	11672.8	11706.7	11693.2	11611.8	11554.2	11391.4	11171.1
40°	13720.6	13846.0	13751.1	13608.7	13418.8	13469.7	13432.4	13327.3	13191.7	12988.3	12710.3
37.5°	15629.3	15727.6	15619.2	15453.0	15283.5	15266.6	15192.0	15029.2	14836.0	14612.2	14168.1
35°	17456.7	17711.0	17510.9	17246.5	17039.7	16961.7	16890.5	16514.2	16293.8	15931.1	15324.2
32.5°	18816.2	19002.7	18755.2	18480.6	18229.7	18121.2	17870.3	17422.8	17304.1	16541.3	15985.3
30°	19172.2	19158.6	18901.0	18690.8	18419.6	18345.0	17883.9	17504.2	17124.5	16419.3	15890.4
27.5°	18324.6	18239.9	17992.4	17809.3	17541.5	17453.3	16999.0	16795.6	16209.1	15612.4	15164.9
25°	16436.2	16480.3	16293.8	16202.3	16026.0	15836.1	15656.5	15381.8	15015.7	14493.6	14083.3
22.5°	14947.9	15005.5	14927.5	14819.0	14683.4	14578.3	14442.7	14229.1	13876.5	13554.5	13168.0
20°	14120.6	14103.7	14035.9	13954.5	13825.7	13751.1	13601.9	13422.2	13151.0	12873.0	12456.0
17.5°	13686.7	13581.6	13517.2	13486.7	13418.8	13323.9	13147.6	12964.5	12754.3	12439.0	12133.9
15°	13364.6	13381.6	13330.7	13307.0	13252.7	13120.5	12940.8	12791.6	12506.9	12347.5	12069.5
12.5°	13344.3	13327.3	13330.7	13320.5	13252.7	13083.2	12991.7	12801.8	12618.7	12408.5	12089.8
10°	13585.0	13405.3	13418.8	13466.3	13357.8	13222.2	13123.9	12917.1	12744.2	12476.3	12161.0
7.5°	13571.4	13479.9	13507.0	13429.0	13462.9	13296.8	13161.2	12954.4	12737.4	12452.6	12167.8
5°	13652.8	13513.8	13490.0	13496.8	13412.1	13286.6	13103.5	12906.9	12703.5	12384.8	12093.2
2.5°	13466.3	13486.7	13378.2	13337.5	13327.3	13117.1	12947.6	12757.7	12547.5	12266.1	12005.1
0°	13327.3	13364.6	13252.7	13195.1	13191.7	13012.0	12903.5	12686.5	12537.4	12303.4	11988.1
-2.5°	13252.7	13296.8	13310.4	13205.3	13103.5	12964.5	12781.5	12547.5	12303.4	12032.2	11761.0
-5°	13259.5	13171.4	13134.1	13168.0	13079.8	12940.8	12737.4	12530.6	12289.9	11998.3	11659.3
-7.5°	12991.7	12903.5	12896.7	12879.8	12859.4	12727.2	12557.7	12333.9	12089.8	11818.6	11503.3
-10°	12591.6	12527.2	12510.2	12493.3	12439.0	12361.1	12201.7	11998.3	11777.9	11506.7	11171.1
-12.5°	12147.5	12117.0	12052.6	12008.5	11954.2	11862.7	11710.1	11523.7	11303.3	11062.6	10774.4
-15°	11655.9	11598.2	11533.8	11496.5	11418.6	11310.1	11157.5	10984.6	10743.9	10506.6	10235.3
-17.5°	11062.6	10991.4	10920.2	10910.0	10855.8	10689.6	10547.3	10337.1	10126.9	9899.7	9635.3
-20°	10364.2	10265.9	10218.4	10191.3	10116.7	9994.6	9842.1	9648.8	9445.4	9228.4	8923.3



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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°	9591.2	9506.4	9425.1	9374.2	9309.8	9214.9	9069.1	8899.6	8699.5	8455.4	8174.0
-25°	8713.1	8594.4	8543.6	8485.9	8452.0	8363.9	8221.5	8065.5	7858.7	7621.4	7353.6
-27.5°	7709.6	7614.6	7587.5	7506.1	7465.5	7373.9	7255.3	7109.5	6919.6	6695.9	6475.5
-30°	6600.9	6543.3	6499.2	6417.9	6387.3	6289.0	6211.0	6089.0	5916.1	5756.7	5580.4
-32.5°	5461.8	5404.2	5390.6	5353.3	5333.0	5268.5	5180.4	5092.2	4953.2	4834.6	4692.2
-35°	4451.5	4410.8	4414.2	4410.8	4390.5	4343.0	4234.5	4210.8	4109.1	4000.6	3909.0
-37.5°	3644.6	3648.0	3644.6	3641.2	3614.1	3593.7	3515.8	3485.2	3424.2	3319.1	3264.9
-40°	3037.7	3044.5	3041.1	3034.3	3003.8	2993.6	2942.8	2902.1	2878.4	2803.8	2746.2
-42.5°	2546.1	2556.3	2552.9	2549.5	2529.2	2525.8	2498.7	2451.2	2437.6	2393.6	2332.5
-45°	2173.2	2169.8	2163.0	2169.8	2159.6	2149.5	2132.5	2102.0	2085.0	2064.7	2013.8
-47.5°	1878.2	1881.6	1874.8	1874.8	1861.3	1851.1	1844.3	1824.0	1810.4	1793.5	1763.0
-50°	1634.1	1647.7	1644.3	1640.9	1630.7	1624.0	1624.0	1603.6	1583.3	1576.5	1556.2
-52.5°	1444.3	1454.4	1457.8	1464.6	1468.0	1471.4	1461.2	1440.9	1407.0	1403.6	1393.4
-55°	1271.4	1301.9	1322.2	1335.8	1349.3	1359.5	1339.2	1312.0	1278.1	1264.6	1261.2
-57.5°	1152.7	1183.2	1207.0	1227.3	1244.2	1261.2	1240.9	1213.7	1183.2	1166.3	1162.9
-60°	1044.2	1071.3	1095.1	1122.2	1145.9	1173.0	1162.9	1142.5	1125.6	1112.0	1098.5
-62.5°	928.9	956.1	983.2	1017.1	1047.6	1074.7	1078.1	1074.7	1071.3	1074.7	1051.0
-65°	834.0	847.6	864.5	901.8	935.7	966.2	983.2	993.4	1010.3	1027.3	1003.5
-67.5°	732.3	749.3	769.6	796.7	823.8	844.2	867.9	895.0	922.2	949.3	932.3
-70°	640.8	654.3	671.3	684.8	701.8	715.4	735.7	766.2	796.7	823.8	817.1
-72.5°	545.8	559.4	569.6	576.4	586.5	593.3	603.5	630.6	650.9	664.5	664.5
-75°	450.9	464.5	474.6	478.0	484.8	488.2	495.0	505.2	515.3	518.7	522.1
-77.5°	345.8	359.4	369.5	376.3	383.1	389.9	393.3	400.1	403.4	403.4	406.8
-80°	257.7	267.8	274.6	284.8	288.2	295.0	301.7	305.1	308.5	308.5	311.9
-82.5°	183.1	189.9	196.6	203.4	210.2	213.6	220.4	223.8	227.2	230.5	233.9
-85°	122.1	128.8	135.6	142.4	145.8	149.2	152.6	156.0	159.3	162.7	166.1
-87.5°	71.2	74.6	78.0	84.8	88.1	94.9	98.3	94.9	98.3	98.3	98.3
-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°	132.2	132.2	132.2	132.2	128.8	122.1	118.7	111.9	105.1	98.3	91.5
85°	274.6	278.0	278.0	278.0	271.2	267.8	257.7	247.5	233.9	213.6	196.6
82.5°	457.7	461.1	461.1	457.7	450.9	440.7	427.2	410.2	383.1	356.0	332.3
80°	688.2	691.6	691.6	688.2	671.3	654.3	637.4	617.0	583.1	545.8	505.2
77.5°	962.8	969.6	969.6	959.5	935.7	915.4	888.3	854.4	803.5	749.3	695.0
75°	1281.5	1298.5	1301.9	1291.7	1261.2	1223.9	1179.8	1122.2	1044.2	976.4	912.0
72.5°	1651.1	1668.0	1681.6	1668.0	1624.0	1573.1	1508.7	1440.9	1362.9	1271.4	1162.9
70°	2135.9	2152.8	2163.0	2118.9	2041.0	1956.2	1878.2	1800.3	1708.7	1596.8	1478.2
67.5°	2746.2	2729.2	2708.9	2620.7	2522.4	2420.7	2312.2	2196.9	2078.3	1959.6	1820.6
65°	3332.7	3285.2	3241.1	3136.0	3010.6	2878.4	2752.9	2624.1	2481.7	2332.5	2200.3
62.5°	3949.7	3848.0	3739.5	3610.7	3481.8	3336.1	3210.6	3058.1	2898.7	2715.6	2546.1
60°	4556.6	4434.5	4326.0	4166.7	3997.2	3800.5	3664.9	3515.8	3329.3	3132.6	2932.6
57.5°	5143.1	5010.9	4892.2	4753.2	4570.1	4356.5	4207.4	4014.1	3817.5	3570.0	3366.6
55°	5766.9	5634.7	5539.8	5383.8	5183.8	4987.1	4824.4	4621.0	4346.4	4081.9	3831.0
52.5°	6482.3	6377.2	6275.5	6116.1	5875.4	5675.4	5495.7	5268.5	4980.4	4654.9	4353.2
50°	7282.4	7228.1	7119.7	6933.2	6658.6	6482.3	6245.0	5943.2	5634.7	5292.3	4915.9
47.5°	8343.6	8255.4	8102.8	7899.4	7668.9	7404.4	7085.7	6733.2	6295.8	5916.1	5516.0
45°	9611.5	9448.8	9252.2	8977.5	8692.8	8394.4	8045.2	7597.7	7011.2	6516.2	6095.8
42.5°	10984.6	10764.2	10496.4	10137.0	9767.5	9401.3	9025.0	8414.7	7682.4	7112.9	6638.2
40°	12418.7	12137.3	11801.7	11279.6	10869.3	10398.1	9967.5	9055.5	8275.7	7658.7	7153.6
37.5°	13822.3	13466.3	12903.5	12269.5	11791.5	11405.0	10459.1	9482.7	8784.3	8106.2	7594.3
35°	14897.0	14595.3	13601.9	12944.2	12534.0	11923.7	10740.5	9740.4	9001.3	8438.5	7641.8
32.5°	15534.4	14754.6	13883.3	13218.8	12879.8	11879.6	10760.8	9814.9	9103.0	8472.4	7519.7
30°	15392.0	14449.5	13686.7	13130.7	12395.0	11496.5	10571.0	9699.7	9008.1	8245.2	7384.1
27.5°	14534.3	13805.3	13123.9	12544.1	11822.0	11015.1	10160.8	9394.5	8750.4	8011.3	7197.6
25°	13564.6	12903.5	12398.4	11893.2	11208.4	10438.8	9686.1	9133.5	8485.9	7757.0	6953.5
22.5°	12673.0	12198.3	11801.7	11272.8	10604.9	9933.6	9465.7	8892.8	8228.3	7489.2	6702.6
20°	12103.4	11781.3	11327.0	10743.9	10218.4	9798.0	9279.3	8672.4	7987.6	7214.6	6489.1
17.5°	11828.8	11455.9	10950.7	10571.0	10167.5	9706.5	9126.7	8482.6	7753.6	7089.1	6512.8
15°	11686.4	11293.1	10960.9	10587.9	10133.6	9648.8	9004.7	8336.8	7753.6	7140.0	6529.7
12.5°	11716.9	11377.9	11015.1	10608.3	10120.1	9601.4	9018.2	8397.8	7794.3	7177.3	6533.1
10°	11811.8	11455.9	11069.4	10618.4	10126.9	9614.9	9055.5	8435.1	7814.7	7194.2	6526.3
7.5°	11845.7	11459.2	11045.6	10591.3	10109.9	9608.1	9062.3	8445.3	7818.1	7190.8	6506.0
5°	11740.6	11391.4	10991.4	10533.7	10062.4	9574.2	9035.2	8431.7	7790.9	7156.9	6455.1
2.5°	11598.2	11316.9	10933.7	10493.0	10015.0	9526.8	8991.1	8370.7	7729.9	7095.9	6390.7
0°	11574.5	11225.3	10838.8	10445.5	9937.0	9421.7	8889.4	8255.4	7618.0	6980.6	6278.9
-2.5°	11418.6	11049.0	10662.5	10235.3	9787.8	9269.1	8709.7	8089.3	7458.7	6831.5	6156.8
-5°	11299.9	10889.7	10479.4	10018.4	9567.5	9048.7	8469.0	7865.5	7248.5	6638.2	5987.3
-7.5°	11140.6	10720.2	10289.6	9808.2	9320.0	8791.1	8218.1	7614.6	7007.8	6400.9	5777.1
-10°	10818.5	10448.9	10045.5	9547.1	9031.8	8502.9	7933.3	7340.0	6733.2	6119.5	5492.3
-12.5°	10428.6	10038.7	9598.0	9140.3	8679.2	8187.6	7618.0	7034.9	6424.6	5807.6	5183.8
-15°	9923.4	9540.3	9089.4	8641.9	8197.8	7726.5	7224.7	6699.3	6078.8	5472.0	4848.1
-17.5°	9292.8	8933.5	8530.0	8102.8	7662.1	7187.5	6699.3	6255.1	5675.4	5105.8	4488.8
-20°	8614.8	8279.1	7916.4	7512.9	7072.2	6607.7	6146.6	5682.2	5180.4	4678.6	4105.7



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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°	7909.6	7570.6	7204.4	6828.1	6421.2	5990.7	5563.5	5119.4	4678.6	4224.3	3739.5
-25°	7095.9	6797.6	6461.9	6095.8	5733.0	5356.7	4949.9	4546.4	4170.1	3776.8	3380.1
-27.5°	6245.0	5970.3	5665.2	5346.5	5034.6	4719.3	4366.7	3993.8	3681.9	3356.4	3027.5
-30°	5349.9	5129.5	4882.0	4604.0	4363.3	4109.1	3814.1	3505.6	3220.8	2973.3	2708.9
-32.5°	4502.3	4315.9	4139.6	3956.5	3719.2	3522.5	3319.1	3092.0	2841.1	2607.1	2417.3
-35°	3773.4	3573.4	3498.8	3363.2	3193.7	3020.8	2871.6	2708.9	2519.0	2312.2	2156.2
-37.5°	3159.8	3041.1	2936.0	2861.4	2749.5	2610.5	2491.9	2373.2	2227.4	2071.5	1915.5
-40°	2681.7	2600.4	2485.1	2447.8	2376.6	2281.7	2159.6	2068.1	1969.8	1851.1	1718.9
-42.5°	2298.6	2237.6	2163.0	2098.6	2068.1	2000.3	1905.4	1817.2	1739.2	1657.9	1556.2
-45°	1983.3	1942.6	1895.2	1837.5	1813.8	1759.6	1691.8	1593.4	1549.4	1481.6	1407.0
-47.5°	1729.1	1708.7	1674.8	1637.5	1603.6	1562.9	1501.9	1440.9	1379.9	1335.8	1278.1
-50°	1529.0	1515.5	1495.1	1464.6	1420.5	1393.4	1352.7	1298.5	1240.9	1203.6	1162.9
-52.5°	1369.7	1356.1	1342.6	1318.8	1284.9	1257.8	1223.9	1179.8	1132.4	1095.1	1061.2
-55°	1247.6	1227.3	1217.1	1196.8	1169.7	1139.1	1108.6	1078.1	1037.4	1003.5	969.6
-57.5°	1152.7	1125.6	1112.0	1095.1	1067.9	1037.4	1013.7	983.2	956.1	918.8	888.3
-60°	1078.1	1047.6	1020.5	1003.5	979.8	949.3	925.6	901.8	874.7	844.2	806.9
-62.5°	1017.1	979.8	942.5	922.2	898.4	871.3	847.6	823.8	796.7	766.2	732.3
-65°	959.5	915.4	867.9	847.6	823.8	796.7	766.2	749.3	725.5	698.4	664.5
-67.5°	888.3	840.8	800.1	776.4	752.6	728.9	701.8	684.8	661.1	627.2	593.3
-70°	783.2	752.6	725.5	705.2	684.8	664.5	637.4	610.3	583.1	552.6	522.1
-72.5°	650.9	640.8	637.4	627.2	603.5	579.7	552.6	525.5	501.8	478.0	454.3
-75°	525.5	532.3	539.1	535.7	511.9	488.2	464.5	440.7	423.8	403.4	383.1
-77.5°	417.0	423.8	430.6	430.6	413.6	400.1	383.1	366.2	352.6	335.6	315.3
-80°	322.1	332.3	342.4	349.2	335.6	325.5	311.9	298.3	284.8	271.2	257.7
-82.5°	244.1	254.3	264.4	271.2	261.1	254.3	244.1	233.9	223.8	210.2	200.0
-85°	176.3	183.1	189.9	193.2	186.5	179.7	172.9	166.1	159.3	149.2	142.4
-87.5°	101.7	105.1	108.5	111.9	105.1	98.3	94.9	88.1	84.8	78.0	74.6
-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):

	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°	84.8	78.0	71.2	67.8	61.0	50.9	44.1	37.3	30.5	23.7	20.3
85°	179.7	162.7	142.4	132.2	118.7	105.1	91.5	78.0	64.4	50.9	37.3
82.5°	308.5	288.2	267.8	244.1	213.6	176.3	139.0	115.3	94.9	74.6	57.6
80°	464.5	427.2	393.3	362.8	328.9	281.4	230.5	183.1	128.8	98.3	74.6
77.5°	644.2	600.1	552.6	501.8	447.5	383.1	325.5	264.4	200.0	135.6	94.9
75°	847.6	789.9	725.5	654.3	583.1	498.4	417.0	345.8	271.2	189.9	115.3
72.5°	1074.7	1003.5	925.6	830.6	718.7	620.4	522.1	427.2	339.0	240.7	156.0
70°	1366.3	1254.4	1139.1	1037.4	895.0	739.1	623.8	515.3	403.4	295.0	196.6
67.5°	1678.2	1542.6	1403.6	1254.4	1074.7	891.7	725.5	603.5	471.3	345.8	233.9
65°	2017.2	1847.7	1671.4	1505.3	1257.8	1040.8	854.4	688.2	535.7	393.3	271.2
62.5°	2366.4	2166.4	1963.0	1746.0	1461.2	1193.4	976.4	783.2	596.7	437.3	305.1
60°	2739.4	2505.4	2257.9	1986.7	1654.5	1359.5	1091.7	881.5	661.1	481.4	342.4
57.5°	3132.6	2878.4	2586.8	2220.7	1854.5	1518.9	1223.9	969.6	718.7	522.1	369.5
55°	3559.8	3268.3	2949.6	2464.8	2051.1	1678.2	1356.1	1057.8	779.8	556.0	396.7
52.5°	4020.9	3681.9	3278.4	2722.4	2257.9	1840.9	1478.2	1135.8	837.4	593.3	420.4
50°	4536.2	4109.1	3566.6	2959.7	2437.6	1993.5	1600.2	1220.5	884.9	634.0	440.7
47.5°	5071.9	4610.8	3824.3	3180.1	2620.7	2142.7	1725.7	1295.1	932.3	667.9	461.1
45°	5631.3	4960.0	4092.1	3376.7	2780.1	2278.3	1820.6	1362.9	990.0	698.4	478.0
42.5°	6183.9	5224.5	4326.0	3573.4	2929.2	2400.3	1898.6	1427.3	1037.4	728.9	495.0
40°	6445.0	5424.5	4512.5	3709.0	3054.7	2508.8	1966.4	1485.0	1078.1	749.3	511.9
37.5°	6553.5	5546.5	4634.6	3837.8	3153.0	2566.5	2024.0	1535.8	1112.0	769.6	525.5
35°	6577.2	5590.6	4695.6	3926.0	3234.4	2620.7	2068.1	1573.1	1139.1	789.9	539.1
32.5°	6533.1	5577.1	4712.5	3956.5	3285.2	2661.4	2098.6	1600.2	1159.5	810.3	552.6
30°	6434.8	5505.9	4651.5	3953.1	3322.5	2685.1	2118.9	1620.6	1179.8	823.8	559.4
27.5°	6275.5	5380.4	4573.5	3956.5	3342.8	2695.3	2129.1	1630.7	1193.4	834.0	573.0
25°	6078.8	5210.9	4576.9	3949.7	3346.2	2698.7	2129.1	1630.7	1196.8	837.4	583.1
22.5°	5851.7	5210.9	4576.9	3939.5	3325.9	2691.9	2118.9	1624.0	1196.8	844.2	593.3
20°	5865.2	5214.3	4566.7	3919.2	3295.4	2671.6	2095.2	1607.0	1186.6	854.4	600.1
17.5°	5875.4	5207.5	4546.4	3892.1	3254.7	2637.7	2064.7	1583.3	1186.6	864.5	603.5
15°	5875.4	5187.2	4515.9	3851.4	3203.8	2590.2	2020.6	1562.9	1190.0	867.9	610.3
12.5°	5865.2	5149.9	4468.4	3797.1	3142.8	2532.6	1993.5	1556.2	1190.0	871.3	610.3
10°	5844.9	5099.0	4407.4	3729.3	3085.2	2512.2	1979.9	1542.6	1183.2	871.3	610.3
7.5°	5807.6	5038.0	4356.5	3688.7	3051.3	2488.5	1959.6	1522.2	1173.0	864.5	617.0
5°	5750.0	5004.1	4315.9	3641.2	3003.8	2471.5	1946.0	1505.3	1166.3	864.5	610.3
2.5°	5675.4	4963.4	4268.4	3580.2	2949.6	2413.9	1902.0	1468.0	1142.5	851.0	603.5
0°	5553.3	4882.0	4187.0	3495.4	2875.0	2356.3	1857.9	1430.7	1118.8	837.4	596.7
-2.5°	5441.4	4773.6	4081.9	3407.3	2803.8	2305.4	1824.0	1410.4	1108.6	834.0	593.3
-5°	5285.5	4624.4	3942.9	3292.0	2708.9	2254.6	1790.1	1386.6	1098.5	827.2	593.3
-7.5°	5112.6	4468.4	3797.1	3173.3	2613.9	2166.4	1725.7	1349.3	1074.7	813.7	589.9
-10°	4844.8	4234.5	3614.1	3037.7	2512.2	2088.4	1671.4	1315.4	1054.4	800.1	576.4
-12.5°	4560.0	3976.8	3403.9	2871.6	2396.9	2007.1	1610.4	1278.1	1030.7	786.6	569.6
-15°	4258.2	3712.4	3183.5	2698.7	2271.5	1908.7	1546.0	1237.5	1006.9	769.6	559.4
-17.5°	3942.9	3434.4	2956.4	2522.4	2146.1	1807.0	1478.2	1200.2	979.8	752.6	549.2
-20°	3610.7	3149.6	2725.8	2342.7	2013.8	1705.3	1407.0	1156.1	949.3	732.3	535.7



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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°	3281.8	2868.2	2488.5	2166.4	1878.2	1600.2	1335.8	1112.0	915.4	708.6	525.5
-25°	2990.3	2603.8	2278.3	1996.9	1746.0	1498.5	1261.2	1067.9	878.1	684.8	511.9
-27.5°	2705.5	2376.6	2071.5	1837.5	1617.2	1400.2	1190.0	1020.5	840.8	657.7	498.4
-30°	2441.0	2159.6	1908.7	1681.6	1495.1	1312.0	1129.0	973.0	800.1	630.6	481.4
-32.5°	2200.3	1973.2	1763.0	1546.0	1379.9	1223.9	1071.3	925.6	759.4	603.5	464.5
-35°	1976.6	1800.3	1617.2	1434.1	1264.6	1142.5	1010.3	874.7	722.1	573.0	447.5
-37.5°	1776.5	1634.1	1488.3	1332.4	1186.6	1064.6	952.7	823.8	684.8	545.8	430.6
-40°	1603.6	1488.3	1359.5	1234.1	1112.0	996.8	895.0	773.0	647.5	525.5	413.6
-42.5°	1444.3	1356.1	1251.0	1145.9	1037.4	935.7	837.4	718.7	610.3	501.8	396.7
-45°	1322.2	1234.1	1149.3	1054.4	962.8	874.7	776.4	671.3	576.4	474.6	379.7
-47.5°	1207.0	1129.0	1051.0	973.0	898.4	817.1	718.7	630.6	539.1	450.9	366.2
-50°	1105.2	1030.7	962.8	895.0	830.6	752.6	661.1	589.9	508.5	427.2	349.2
-52.5°	1010.3	945.9	878.1	823.8	769.6	691.6	617.0	549.2	478.0	400.1	332.3
-55°	925.6	864.5	803.5	752.6	701.8	634.0	573.0	515.3	447.5	379.7	315.3
-57.5°	844.2	793.3	735.7	688.2	637.4	583.1	532.3	478.0	417.0	359.4	298.3
-60°	769.6	722.1	671.3	623.8	579.7	535.7	488.2	444.1	389.9	335.6	281.4
-62.5°	695.0	654.3	610.3	562.8	528.9	488.2	450.9	406.8	362.8	315.3	250.9
-65°	627.2	589.9	549.2	508.5	478.0	447.5	413.6	372.9	335.6	291.6	223.8
-67.5°	559.4	525.5	491.6	457.7	430.6	406.8	372.9	342.4	311.9	264.4	196.6
-70°	495.0	467.9	437.3	410.2	389.9	362.8	339.0	311.9	284.8	230.5	166.1
-72.5°	434.0	406.8	383.1	362.8	345.8	322.1	301.7	281.4	244.1	193.2	139.0
-75°	362.8	345.8	332.3	315.3	298.3	281.4	264.4	240.7	203.4	156.0	108.5
-77.5°	298.3	288.2	278.0	264.4	250.9	237.3	217.0	193.2	162.7	122.1	88.1
-80°	244.1	233.9	227.2	213.6	203.4	189.9	169.5	149.2	118.7	94.9	71.2
-82.5°	186.5	179.7	172.9	166.1	156.0	142.4	122.1	105.1	88.1	71.2	54.2
-85°	132.2	128.8	122.1	115.3	105.1	94.9	81.4	71.2	61.0	47.5	37.3
-87.5°	67.8	64.4	61.0	57.6	54.2	47.5	40.7	33.9	30.5	23.7	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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.6	10.2	3.4	0.0
85°	27.1	17.0	6.8	0.0
82.5°	40.7	27.1	10.2	0.0
80°	54.2	33.9	17.0	0.0
77.5°	67.8	40.7	20.3	0.0
75°	81.4	50.9	23.7	0.0
72.5°	91.5	57.6	27.1	0.0
70°	108.5	67.8	30.5	0.0
67.5°	135.6	74.6	33.9	0.0
65°	159.3	81.4	37.3	0.0
62.5°	186.5	88.1	40.7	0.0
60°	210.2	94.9	44.1	0.0
57.5°	233.9	111.9	47.5	0.0
55°	254.3	125.4	50.9	0.0
52.5°	278.0	139.0	54.2	0.0
50°	298.3	152.6	57.6	0.0
47.5°	315.3	166.1	57.6	0.0
45°	328.9	176.3	61.0	0.0
42.5°	339.0	186.5	64.4	0.0
40°	349.2	196.6	67.8	0.0
37.5°	359.4	206.8	67.8	0.0
35°	369.5	217.0	71.2	0.0
32.5°	379.7	227.2	71.2	0.0
30°	386.5	233.9	74.6	0.0
27.5°	396.7	240.7	74.6	0.0
25°	400.1	247.5	78.0	0.0
22.5°	406.8	250.9	78.0	0.0
20°	413.6	257.7	78.0	0.0
17.5°	417.0	261.1	81.4	0.0
15°	417.0	264.4	84.8	0.0
12.5°	420.4	267.8	84.8	0.0
10°	420.4	274.6	81.4	0.0
7.5°	427.2	271.2	81.4	0.0
5°	423.8	271.2	81.4	0.0
2.5°	420.4	267.8	81.4	0.0
0°	417.0	267.8	81.4	0.0
-2.5°	417.0	267.8	81.4	0.0
-5°	417.0	267.8	81.4	0.0
-7.5°	413.6	271.2	81.4	0.0
-10°	406.8	271.2	81.4	0.0
-12.5°	403.4	261.1	81.4	0.0
-15°	400.1	257.7	81.4	0.0
-17.5°	393.3	254.3	78.0	0.0
-20°	386.5	250.9	78.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	379.7	244.1	78.0	0.0
-25°	372.9	237.3	74.6	0.0
-27.5°	366.2	230.5	74.6	0.0
-30°	356.0	223.8	71.2	0.0
-32.5°	345.8	217.0	71.2	0.0
-35°	339.0	206.8	67.8	0.0
-37.5°	328.9	196.6	67.8	0.0
-40°	318.7	186.5	64.4	0.0
-42.5°	308.5	176.3	61.0	0.0
-45°	295.0	166.1	61.0	0.0
-47.5°	284.8	156.0	57.6	0.0
-50°	267.8	142.4	54.2	0.0
-52.5°	247.5	128.8	50.9	0.0
-55°	227.2	118.7	47.5	0.0
-57.5°	206.8	105.1	47.5	0.0
-60°	186.5	91.5	44.1	0.0
-62.5°	166.1	84.8	40.7	0.0
-65°	145.8	78.0	37.3	0.0
-67.5°	122.1	67.8	33.9	0.0
-70°	101.7	61.0	30.5	0.0
-72.5°	88.1	54.2	27.1	0.0
-75°	74.6	47.5	23.7	0.0
-77.5°	64.4	40.7	20.3	0.0
-80°	50.9	30.5	13.6	0.0
-82.5°	37.3	23.7	10.2	0.0
-85°	23.7	17.0	6.8	0.0
-87.5°	13.6	6.8	3.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)