

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: P722569

Luminaire Tested: **IFLD-S-SA2B-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722569
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

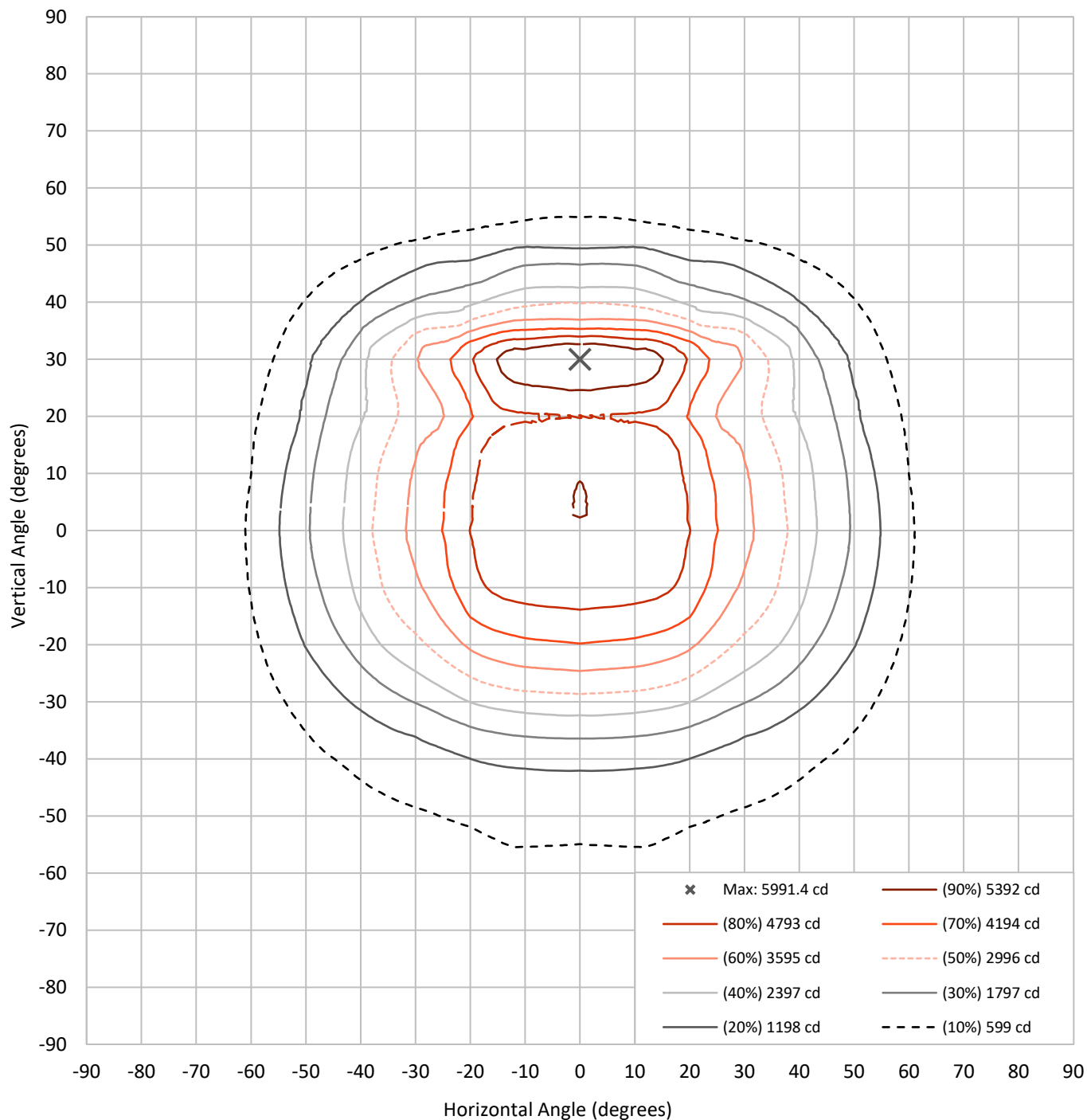
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8582.3 lumens	Max Intensity:	5991.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	5475.1 lumens	Field Lumens:	8091.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	82.4		
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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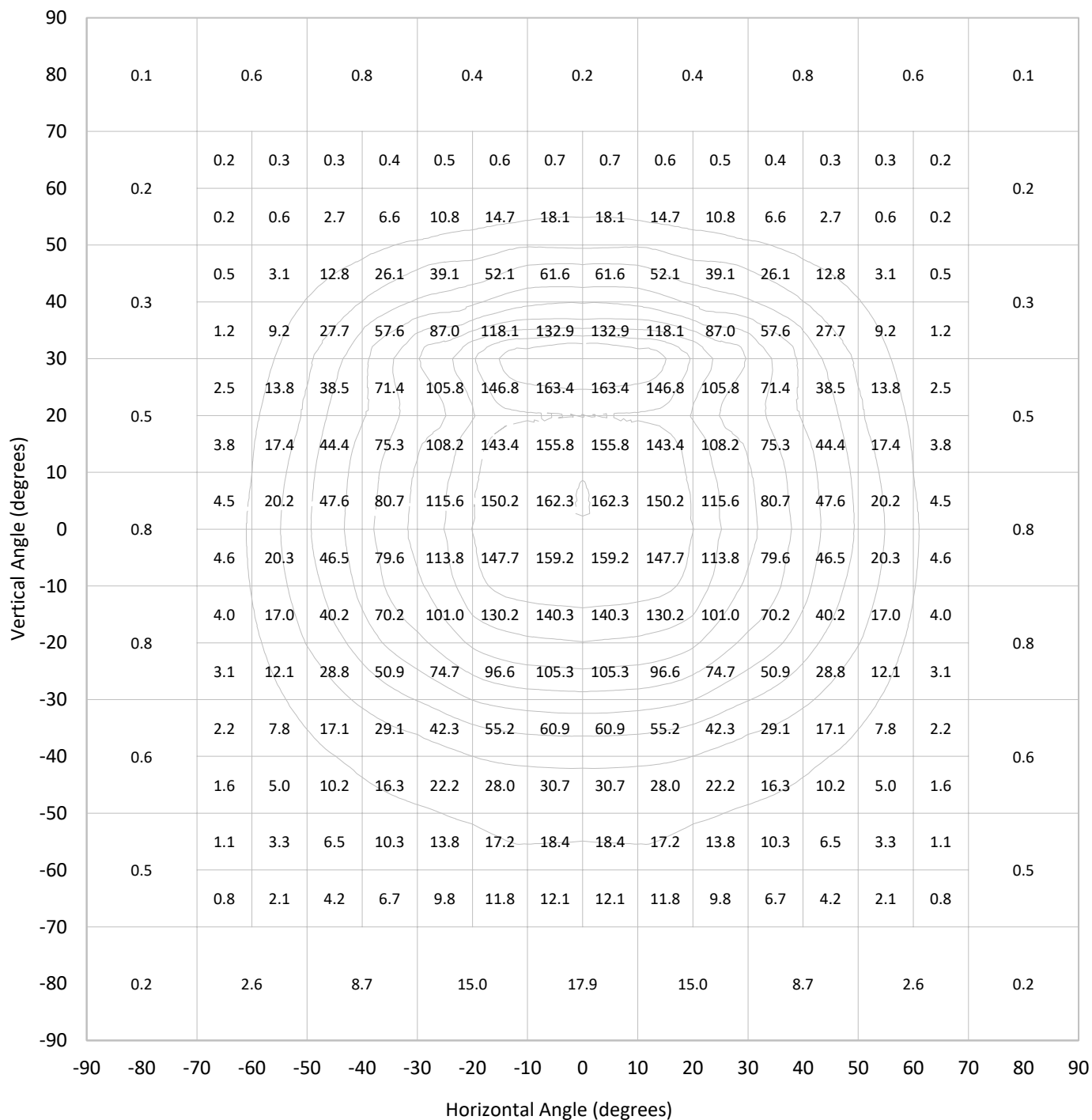
Iso-Candela Plot



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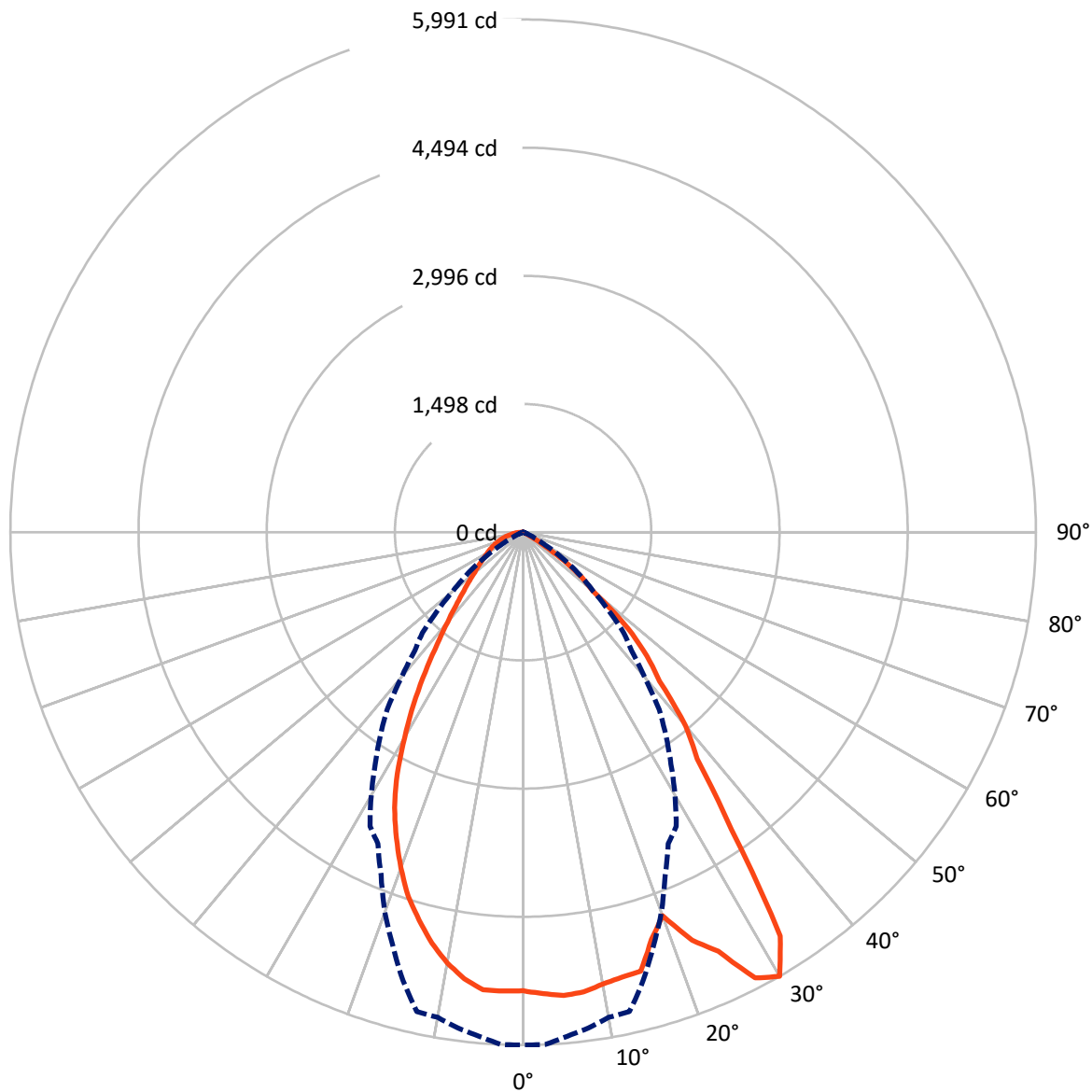
Lumen Table



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Luminous Intensity Polar Plot



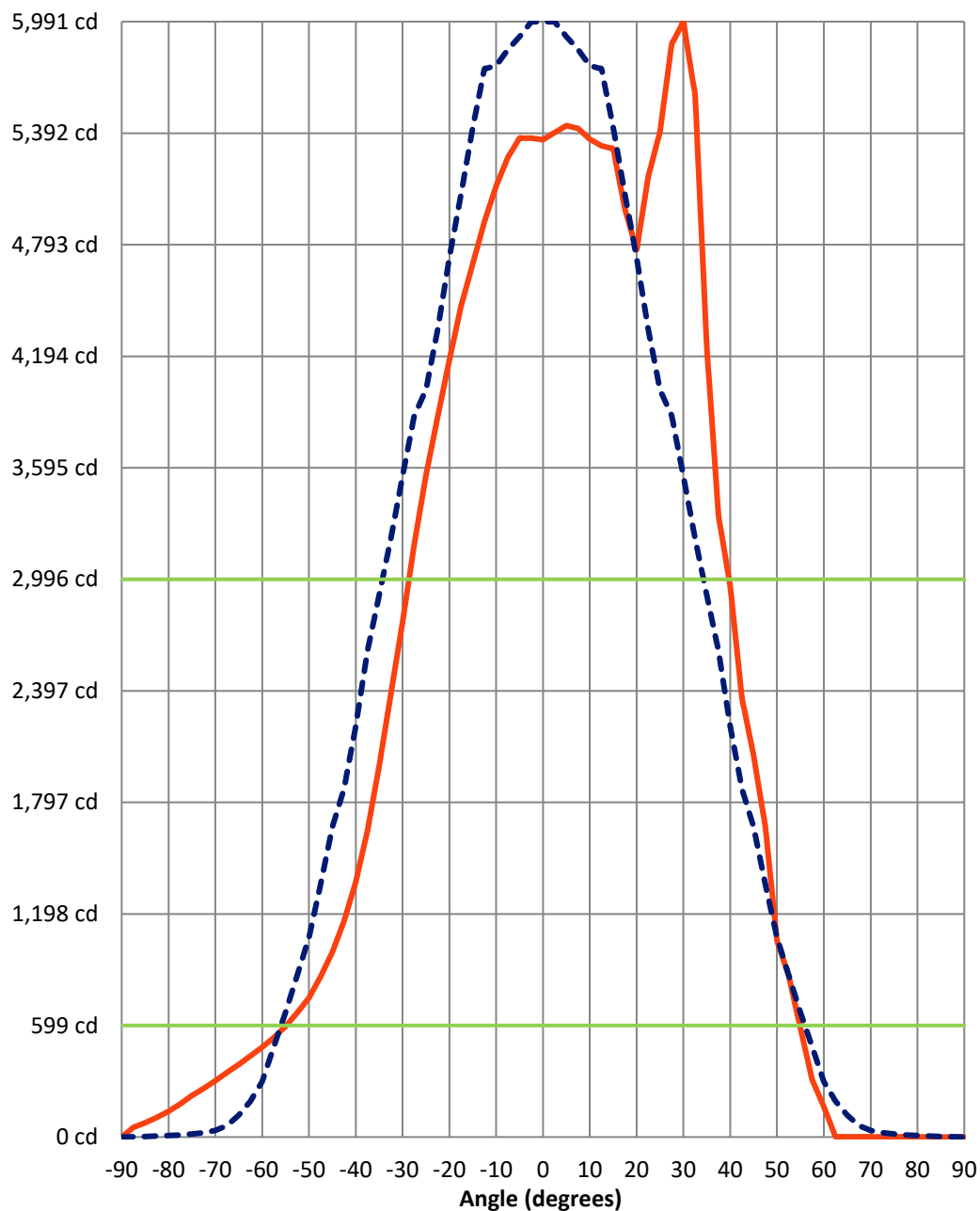
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 5475.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 8091.2

Efficiency: 94.3%

Spill:

Lumens: 491.1

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.0	1.4	1.4	1.4	2.7	2.7	2.7	2.7	2.7	2.7	4.1
82.5°	0.0	1.4	1.4	1.4	2.7	2.7	2.7	2.7	4.1	4.1	5.5
80°	1.4	1.4	1.4	1.4	2.7	2.7	2.7	4.1	4.1	5.5	5.5
77.5°	1.4	1.4	1.4	2.7	2.7	2.7	4.1	4.1	5.5	5.5	6.8
75°	1.4	1.4	1.4	2.7	2.7	4.1	4.1	4.1	5.5	5.5	6.8
72.5°	0.0	1.4	1.4	2.7	2.7	4.1	4.1	4.1	5.5	5.5	5.5
70°	1.4	1.4	1.4	2.7	2.7	4.1	4.1	4.1	5.5	5.5	5.5
67.5°	1.4	1.4	1.4	2.7	2.7	4.1	4.1	5.5	5.5	5.5	6.8
65°	1.4	1.4	1.4	2.7	4.1	4.1	5.5	6.8	6.8	8.2	9.6
62.5°	1.4	2.7	2.7	4.1	5.5	6.8	15.0	23.2	23.2	16.4	13.7
60°	162.6	176.3	174.9	158.5	138.0	116.1	112.0	107.9	99.7	87.4	91.5
57.5°	308.8	325.2	332.0	327.9	317.0	297.9	286.9	274.6	258.2	239.1	217.2
55°	584.8	591.6	576.6	547.9	516.5	485.1	474.1	457.7	433.1	408.5	375.7
52.5°	864.9	888.1	881.3	852.6	810.2	754.2	692.7	644.9	616.2	588.9	556.1
50°	1056.2	1065.7	1084.9	1119.0	1131.3	1093.1	993.3	864.9	773.3	819.8	784.3
47.5°	1666.9	1714.8	1705.2	1680.6	1639.6	1535.8	1396.4	1281.6	1186.0	1154.6	1160.0
45°	2048.1	2067.3	2060.4	2049.5	2030.4	1933.4	1779.0	1602.7	1513.9	1478.4	1441.5
42.5°	2361.0	2381.5	2385.6	2387.0	2366.5	2277.7	2138.3	1962.1	1873.3	1770.8	1690.2
40°	2958.1	2988.2	2954.0	2908.9	2840.6	2739.5	2602.9	2440.3	2283.2	2157.4	2061.8
37.5°	3339.3	3376.2	3389.9	3387.2	3372.1	3328.4	3160.3	3005.9	2765.5	2484.0	2534.6
35°	4243.8	4282.1	4271.2	4230.2	4208.3	4161.9	3997.9	3814.8	3512.9	3206.8	3124.8
32.5°	5592.4	5675.8	5520.0	5349.2	5244.0	5280.9	5114.2	4666.0	4526.7	3974.7	3719.2
30°	5991.4	5990.0	5910.8	5841.1	5755.0	5737.3	5423.0	5065.0	4723.4	4336.8	4014.3
27.5°	5869.8	5845.2	5778.2	5727.7	5647.1	5604.7	5297.3	5013.1	4618.2	4272.5	3961.0
25°	5401.1	5420.3	5351.9	5342.4	5311.0	5229.0	5075.9	4756.2	4403.7	4021.1	3797.1
22.5°	5159.3	5152.5	5070.5	5022.7	5060.9	4973.5	4912.0	4589.5	4222.0	3899.5	3630.4
20°	4765.8	4767.2	4746.7	4742.6	4719.3	4679.7	4630.5	4402.3	4142.7	3866.7	3542.9
17.5°	4985.8	5041.8	5066.4	4862.8	4920.2	4875.1	4823.2	4504.8	4309.4	4064.9	3642.7
15°	5308.2	5287.7	5263.1	5252.2	5220.8	5178.4	5084.1	4830.0	4493.9	4241.1	3911.8
12.5°	5324.6	5285.0	5275.4	5274.1	5241.3	5182.5	5091.0	4880.6	4582.7	4275.3	4007.5
10°	5360.1	5319.2	5313.7	5320.5	5270.0	5233.1	5141.5	4946.1	4610.0	4334.0	4081.3
7.5°	5417.5	5349.2	5380.6	5360.1	5336.9	5278.2	5179.8	4988.5	4709.8	4411.9	4146.8
5°	5432.6	5357.4	5391.6	5372.4	5338.3	5280.9	5174.3	5015.8	4771.3	4443.3	4172.8
2.5°	5395.7	5373.8	5358.8	5323.3	5308.2	5245.4	5144.3	4974.8	4742.6	4429.7	4167.3
0°	5357.4	5376.5	5342.4	5306.9	5300.0	5249.5	5163.4	5010.4	4809.5	4467.9	4213.8
-2.5°	5365.6	5350.6	5327.4	5290.5	5254.9	5182.5	5104.6	4961.2	4745.3	4384.6	4148.2
-5°	5365.6	5295.9	5298.7	5300.0	5264.5	5189.4	5095.1	4973.5	4707.0	4383.2	4129.1
-7.5°	5261.8	5201.7	5192.1	5183.9	5174.3	5104.6	5030.9	4879.2	4642.8	4347.7	4075.8
-10°	5108.7	5050.0	5055.5	5043.2	5013.1	4966.6	4910.6	4774.0	4580.0	4235.7	3967.8
-12.5°	4917.5	4891.5	4876.5	4856.0	4825.9	4784.9	4727.5	4599.1	4391.4	4097.7	3843.5
-15°	4690.6	4671.5	4657.8	4645.6	4601.8	4559.5	4484.3	4365.5	4235.7	3920.0	3660.4
-17.5°	4463.8	4416.0	4396.9	4380.5	4351.8	4283.5	4215.2	4126.3	3944.6	3694.6	3471.9
-20°	4172.8	4144.1	4120.9	4099.0	4058.0	4004.7	3948.7	3846.2	3689.1	3486.9	3256.0

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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°	3868.1	3851.7	3832.6	3805.3	3777.9	3727.4	3649.5	3551.1	3428.1	3209.5	2993.6
-25°	3553.8	3522.4	3499.2	3473.2	3451.4	3404.9	3329.8	3235.5	3081.1	2892.5	2712.2
-27.5°	3183.6	3153.5	3141.2	3111.2	3092.0	3049.7	2974.5	2887.1	2747.7	2589.2	2406.1
-30°	2765.5	2770.9	2757.3	2728.6	2705.4	2650.7	2593.3	2519.5	2410.2	2258.6	2094.6
-32.5°	2378.8	2385.6	2369.2	2339.2	2309.1	2269.5	2216.2	2149.3	2067.3	1922.4	1780.3
-35°	1992.1	1989.4	1975.7	1958.0	1937.5	1904.7	1844.6	1794.0	1699.7	1598.6	1500.2
-37.5°	1645.1	1651.9	1647.8	1638.2	1615.0	1587.7	1538.5	1492.0	1422.4	1333.5	1257.0
-40°	1370.4	1378.6	1373.2	1363.6	1343.1	1326.7	1293.9	1252.9	1196.9	1120.4	1056.2
-42.5°	1160.0	1165.5	1158.7	1150.5	1132.7	1120.4	1094.4	1060.3	1013.8	955.1	897.7
-45°	993.3	994.7	987.9	982.4	968.7	953.7	931.8	904.5	867.6	826.6	780.2
-47.5°	862.2	860.8	854.0	848.5	837.6	823.9	806.1	781.5	752.9	721.4	684.5
-50°	747.4	754.2	751.5	746.0	737.8	728.3	710.5	684.5	655.8	632.6	606.7
-52.5°	668.1	669.5	668.1	668.1	666.8	659.9	639.4	613.5	582.1	561.6	539.7
-55°	594.4	601.2	603.9	606.7	608.0	608.0	583.4	556.1	526.0	505.5	489.1
-57.5°	534.2	538.3	541.1	547.9	553.4	557.5	535.6	511.0	487.8	468.7	453.6
-60°	482.3	487.8	491.9	498.7	502.8	505.5	491.9	475.5	461.8	449.5	427.7
-62.5°	435.9	440.0	444.1	448.2	452.3	455.0	449.5	441.3	434.5	429.0	401.7
-65°	389.4	393.5	397.6	403.1	407.2	409.9	408.5	403.1	397.6	392.1	367.5
-67.5°	347.1	351.1	356.6	358.0	360.7	362.1	359.3	355.2	348.4	341.6	322.5
-70°	302.0	304.7	307.4	307.4	307.4	306.1	303.3	297.9	291.0	281.5	266.4
-72.5°	261.0	263.7	266.4	262.3	259.6	255.5	251.4	244.6	237.7	230.9	222.7
-75°	222.7	224.1	224.1	218.6	214.5	210.4	205.0	200.9	194.0	188.6	181.7
-77.5°	177.6	177.6	177.6	173.5	170.8	168.1	164.0	159.9	154.4	150.3	144.8
-80°	138.0	138.0	138.0	136.6	132.5	129.8	127.1	124.3	120.2	117.5	114.8
-82.5°	105.2	105.2	105.2	103.8	101.1	99.7	97.0	94.3	92.9	90.2	88.8
-85°	76.5	77.9	77.9	76.5	75.1	72.4	71.0	69.7	68.3	67.0	64.2
-87.5°	51.9	51.9	51.9	50.6	49.2	49.2	47.8	45.1	42.4	41.0	39.6
-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	4.1	4.1	4.1	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.1
82.5°	6.8	6.8	8.2	8.2	9.6	9.6	9.6	9.6	9.6	9.6	9.6
80°	6.8	8.2	9.6	10.9	12.3	13.7	13.7	13.7	13.7	12.3	12.3
77.5°	8.2	8.2	9.6	10.9	12.3	13.7	15.0	16.4	15.0	15.0	15.0
75°	8.2	9.6	9.6	10.9	12.3	13.7	15.0	16.4	16.4	16.4	16.4
72.5°	6.8	8.2	9.6	10.9	10.9	12.3	13.7	13.7	15.0	15.0	16.4
70°	6.8	8.2	9.6	9.6	10.9	10.9	12.3	13.7	13.7	15.0	15.0
67.5°	8.2	9.6	9.6	10.9	12.3	12.3	12.3	13.7	13.7	15.0	15.0
65°	9.6	10.9	10.9	12.3	13.7	13.7	15.0	15.0	15.0	16.4	16.4
62.5°	16.4	16.4	16.4	15.0	16.4	16.4	16.4	17.8	17.8	16.4	17.8
60°	84.7	61.5	42.4	53.3	47.8	21.9	21.9	21.9	20.5	20.5	19.1
57.5°	199.5	185.8	159.9	135.3	121.6	107.9	67.0	27.3	27.3	24.6	21.9
55°	333.4	288.3	269.2	236.4	200.9	184.5	153.0	103.8	49.2	32.8	28.7
52.5°	516.5	474.1	424.9	358.0	310.2	271.9	245.9	195.4	131.2	69.7	43.7
50°	691.4	672.2	642.2	576.6	476.9	412.6	370.3	312.9	235.0	143.5	82.0
47.5°	1113.6	953.7	856.7	806.1	722.8	601.2	519.2	455.0	360.7	241.8	144.8
45°	1401.9	1300.8	1146.4	1039.8	916.8	788.4	681.8	608.0	496.0	362.1	226.8
42.5°	1649.2	1561.7	1422.4	1266.6	1136.8	968.7	832.1	735.1	640.8	494.6	338.9
40°	1967.5	1863.7	1729.8	1578.1	1426.5	1211.9	990.6	873.1	769.2	639.4	457.7
37.5°	2492.2	2309.1	2090.5	1922.4	1724.3	1542.6	1239.3	1031.6	908.6	773.3	597.1
35°	3123.5	2922.6	2557.8	2335.1	2070.0	1799.5	1526.2	1218.8	1043.9	900.4	725.5
32.5°	3711.0	3417.2	2949.9	2689.0	2512.7	2014.0	1731.2	1464.7	1183.2	1007.0	799.3
30°	3873.6	3549.7	3215.0	2910.3	2609.7	2206.6	1871.9	1664.2	1358.1	1071.2	869.0
27.5°	3709.6	3486.9	3227.3	2944.5	2619.3	2273.6	1958.0	1759.8	1486.6	1114.9	923.6
25°	3542.9	3310.6	3128.9	2892.5	2591.9	2269.5	1960.7	1820.0	1586.3	1199.6	953.7
22.5°	3366.7	3221.8	3071.5	2807.8	2523.6	2281.8	2049.5	1871.9	1638.2	1295.3	966.0
20°	3376.2	3281.9	3116.6	2764.1	2511.3	2354.2	2156.1	1937.5	1694.3	1378.6	975.6
17.5°	3529.3	3406.3	3198.6	2892.5	2622.0	2428.0	2244.9	2027.6	1751.6	1452.4	1091.7
15°	3717.8	3530.6	3313.4	3044.2	2738.1	2508.6	2313.2	2090.5	1817.2	1520.7	1195.5
12.5°	3854.4	3588.0	3384.4	3141.2	2863.8	2596.0	2358.3	2138.3	1878.7	1576.8	1273.4
10°	3900.9	3659.1	3418.6	3201.3	2928.1	2642.5	2392.5	2168.4	1932.0	1620.5	1330.8
7.5°	3925.5	3720.5	3441.8	3228.7	2966.3	2671.2	2419.8	2184.8	1974.4	1650.5	1367.7
5°	3922.8	3753.3	3459.6	3236.9	2986.8	2683.5	2438.9	2188.9	2004.4	1676.5	1389.6
2.5°	3910.5	3775.2	3488.3	3250.5	3027.8	2706.7	2475.8	2197.1	2015.3	1705.2	1404.6
0°	3955.6	3776.6	3518.3	3254.6	3055.1	2714.9	2492.2	2190.2	2000.3	1713.4	1403.2
-2.5°	3858.5	3695.9	3511.5	3219.1	3018.2	2695.8	2462.1	2168.4	1967.5	1703.8	1397.8
-5°	3842.1	3637.2	3454.1	3186.3	2956.8	2656.2	2406.1	2127.4	1915.6	1672.4	1375.9
-7.5°	3798.4	3581.2	3398.1	3160.3	2899.4	2615.2	2352.8	2085.0	1859.6	1623.2	1344.5
-10°	3702.8	3495.1	3338.0	3104.3	2829.7	2556.4	2288.6	2029.0	1794.0	1556.3	1295.3
-12.5°	3566.1	3358.5	3202.7	2985.5	2742.2	2477.2	2212.1	1956.6	1718.9	1485.2	1236.5
-15°	3411.7	3201.3	3045.6	2847.5	2612.4	2354.2	2115.1	1865.1	1632.8	1410.1	1166.9
-17.5°	3236.9	3037.4	2887.1	2694.4	2460.8	2214.8	1977.1	1750.3	1533.0	1332.2	1086.2
-20°	3034.6	2840.6	2702.6	2510.0	2295.4	2056.3	1825.4	1610.9	1415.5	1227.0	997.4

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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°	2784.6	2613.8	2456.7	2284.5	2097.3	1878.7	1664.2	1474.3	1287.1	1102.6	905.9
-25°	2529.1	2363.8	2210.7	2053.6	1874.6	1686.1	1503.0	1330.8	1147.7	981.0	817.1
-27.5°	2244.9	2097.3	1960.7	1815.9	1651.9	1489.3	1339.0	1171.0	1012.5	870.4	729.6
-30°	1941.6	1821.3	1702.5	1574.0	1441.5	1304.9	1171.0	1012.5	888.1	774.7	655.8
-32.5°	1650.5	1542.6	1447.0	1351.3	1236.5	1124.5	1005.6	888.1	784.3	684.5	584.8
-35°	1395.0	1280.3	1227.0	1150.5	1058.9	957.8	860.8	778.8	695.5	605.3	516.5
-37.5°	1173.7	1099.9	1037.1	979.7	907.2	819.8	750.1	683.2	613.5	531.5	455.0
-40°	1000.2	946.9	884.0	841.7	782.9	720.1	650.4	594.4	535.6	468.7	405.8
-42.5°	860.8	817.1	776.1	731.0	687.3	634.0	573.9	520.6	467.3	418.1	366.2
-45°	746.0	714.6	681.8	644.9	606.7	560.2	511.0	456.4	418.1	374.4	330.7
-47.5°	651.7	628.5	601.2	572.5	539.7	498.7	453.6	414.0	374.4	337.5	295.1
-50°	576.6	554.7	532.9	508.3	479.6	444.1	409.9	373.0	336.1	300.6	261.0
-52.5°	513.7	494.6	476.9	456.4	429.0	399.0	367.5	334.8	300.6	265.1	233.6
-55°	470.0	448.2	430.4	409.9	385.3	356.6	327.9	297.9	265.1	237.7	211.8
-57.5°	434.5	409.9	389.4	367.5	343.0	318.4	292.4	265.1	240.5	214.5	189.9
-60°	404.4	375.7	352.5	330.7	307.4	284.2	262.3	239.1	215.9	192.7	168.1
-62.5°	373.0	343.0	314.3	293.8	276.0	255.5	236.4	214.5	194.0	170.8	153.0
-65°	337.5	308.8	281.5	263.7	247.3	229.5	211.8	192.7	174.9	157.1	140.7
-67.5°	297.9	273.3	254.1	237.7	221.3	206.3	189.9	173.5	158.5	140.7	124.3
-70°	250.0	236.4	225.4	213.1	198.1	184.5	169.4	154.4	138.0	123.0	107.9
-72.5°	213.1	205.0	196.8	184.5	170.8	158.5	146.2	132.5	118.9	105.2	92.9
-75°	174.9	168.1	161.2	153.0	142.1	132.5	121.6	109.3	98.4	88.8	79.2
-77.5°	140.7	135.3	131.2	124.3	116.1	107.9	101.1	92.9	84.7	75.1	65.6
-80°	112.0	109.3	107.9	105.2	98.4	91.5	86.1	79.2	71.0	64.2	57.4
-82.5°	87.4	87.4	86.1	84.7	79.2	73.8	69.7	64.2	58.8	53.3	46.5
-85°	64.2	62.9	62.9	61.5	57.4	54.7	50.6	47.8	43.7	38.3	35.5
-87.5°	38.3	36.9	35.5	34.2	31.4	30.1	27.3	26.0	23.2	20.5	19.1
-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0
85°	4.1	2.7	2.7	2.7	2.7	2.7	1.4	1.4	1.4	1.4	1.4
82.5°	8.2	8.2	6.8	6.8	5.5	4.1	2.7	2.7	2.7	1.4	1.4
80°	12.3	12.3	12.3	10.9	9.6	6.8	5.5	4.1	2.7	1.4	1.4
77.5°	15.0	13.7	13.7	12.3	12.3	10.9	8.2	6.8	4.1	2.7	1.4
75°	15.0	15.0	15.0	13.7	13.7	12.3	10.9	8.2	6.8	4.1	2.7
72.5°	16.4	15.0	15.0	15.0	13.7	12.3	10.9	9.6	8.2	5.5	2.7
70°	15.0	15.0	15.0	15.0	13.7	13.7	10.9	9.6	9.6	5.5	4.1
67.5°	15.0	15.0	15.0	13.7	13.7	12.3	10.9	9.6	9.6	6.8	4.1
65°	16.4	15.0	15.0	15.0	13.7	12.3	10.9	9.6	9.6	8.2	5.5
62.5°	17.8	16.4	16.4	15.0	13.7	12.3	10.9	9.6	9.6	8.2	5.5
60°	19.1	17.8	16.4	16.4	15.0	13.7	10.9	10.9	9.6	8.2	5.5
57.5°	20.5	19.1	19.1	17.8	16.4	15.0	12.3	10.9	9.6	8.2	6.8
55°	24.6	21.9	20.5	20.5	19.1	16.4	13.7	10.9	9.6	8.2	6.8
52.5°	32.8	26.0	23.2	23.2	21.9	19.1	15.0	12.3	9.6	8.2	6.8
50°	51.9	32.8	27.3	24.6	24.6	21.9	17.8	13.7	9.6	8.2	6.8
47.5°	82.0	54.7	32.8	28.7	27.3	26.0	20.5	13.7	10.9	8.2	6.8
45°	135.3	80.6	53.3	34.2	28.7	27.3	23.2	15.0	10.9	9.6	6.8
42.5°	185.8	125.7	82.0	41.0	34.2	30.1	24.6	16.4	12.3	9.6	6.8
40°	292.4	172.2	114.8	67.0	39.6	31.4	27.3	19.1	12.3	9.6	6.8
37.5°	396.2	228.2	154.4	98.4	45.1	35.5	28.7	20.5	13.7	9.6	8.2
35°	500.1	319.7	191.3	131.2	60.1	42.4	30.1	21.9	13.7	9.6	8.2
32.5°	593.0	405.8	229.5	164.0	90.2	50.6	32.8	23.2	15.0	10.9	8.2
30°	669.5	485.1	297.9	192.7	117.5	61.5	35.5	23.2	16.4	10.9	8.2
27.5°	726.9	546.5	367.5	222.7	140.7	72.4	41.0	26.0	16.4	10.9	8.2
25°	773.3	594.4	429.0	254.1	161.2	90.2	49.2	27.3	17.8	12.3	8.2
22.5°	810.2	634.0	479.6	296.5	185.8	107.9	60.1	30.1	17.8	12.3	8.2
20°	860.8	673.6	513.7	341.6	211.8	124.3	69.7	32.8	17.8	12.3	9.6
17.5°	904.5	713.2	541.1	379.8	237.7	136.6	80.6	35.5	19.1	12.3	9.6
15°	955.1	751.5	565.7	409.9	262.3	147.6	90.2	38.3	19.1	13.7	9.6
12.5°	1009.7	787.0	583.4	434.5	288.3	157.1	98.4	43.7	20.5	13.7	9.6
10°	1065.7	817.1	598.5	452.3	307.4	166.7	103.8	49.2	21.9	13.7	9.6
7.5°	1121.8	844.4	617.6	460.5	315.6	177.6	106.6	54.7	21.9	15.0	9.6
5°	1160.0	862.2	644.9	465.9	319.7	189.9	110.7	61.5	23.2	15.0	9.6
2.5°	1192.8	873.1	673.6	470.0	321.1	196.8	109.3	65.6	24.6	15.0	9.6
0°	1207.8	873.1	692.7	467.3	317.0	203.6	109.3	69.7	24.6	15.0	9.6
-2.5°	1184.6	897.7	687.3	468.7	318.4	203.6	114.8	71.0	27.3	16.4	9.6
-5°	1147.7	907.2	670.9	461.8	315.6	203.6	121.6	72.4	28.7	16.4	10.9
-7.5°	1112.2	911.3	651.7	455.0	311.5	198.1	123.0	71.0	31.4	17.8	10.9
-10°	1065.7	866.3	627.1	442.7	303.3	194.0	125.7	71.0	32.8	17.8	10.9
-12.5°	1012.5	811.6	597.1	424.9	293.8	189.9	127.1	71.0	34.2	19.1	10.9
-15°	951.0	755.6	562.9	405.8	280.1	184.5	124.3	69.7	35.5	19.1	12.3
-17.5°	881.3	700.9	527.4	382.6	265.1	177.6	118.9	68.3	35.5	19.1	12.3
-20°	802.0	646.3	487.8	359.3	247.3	169.4	113.4	65.6	35.5	19.1	12.3

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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°	731.0	595.7	446.8	333.4	228.2	159.9	106.6	62.9	35.5	20.5	12.3
-25°	672.2	546.5	415.4	307.4	207.7	148.9	99.7	60.1	35.5	20.5	12.3
-27.5°	610.8	493.2	382.6	282.8	194.0	139.4	92.9	57.4	34.2	20.5	12.3
-30°	547.9	441.3	348.4	255.5	180.4	129.8	87.4	53.3	34.2	20.5	12.3
-32.5°	490.5	399.0	317.0	228.2	165.3	120.2	82.0	51.9	32.8	20.5	12.3
-35°	434.5	360.7	284.2	206.3	148.9	110.7	76.5	50.6	32.8	20.5	12.3
-37.5°	388.0	325.2	254.1	191.3	139.4	102.5	71.0	47.8	31.4	20.5	12.3
-40°	349.8	292.4	225.4	174.9	131.2	94.3	65.6	46.5	31.4	20.5	12.3
-42.5°	314.3	261.0	207.7	161.2	123.0	88.8	61.5	45.1	30.1	20.5	12.3
-45°	282.8	233.6	189.9	148.9	113.4	82.0	58.8	42.4	28.7	20.5	13.7
-47.5°	251.4	214.5	173.5	138.0	103.8	73.8	56.0	41.0	27.3	19.1	13.7
-50°	226.8	194.0	159.9	125.7	94.3	71.0	53.3	38.3	27.3	19.1	13.7
-52.5°	205.0	174.9	144.8	113.4	86.1	67.0	50.6	35.5	26.0	19.1	13.7
-55°	184.5	157.1	129.8	101.1	80.6	62.9	46.5	32.8	26.0	19.1	13.7
-57.5°	164.0	140.7	114.8	91.5	73.8	58.8	43.7	32.8	26.0	19.1	13.7
-60°	147.6	125.7	103.8	84.7	68.3	53.3	39.6	31.4	24.6	19.1	13.7
-62.5°	133.9	113.4	94.3	76.5	62.9	47.8	38.3	31.4	24.6	19.1	12.3
-65°	120.2	102.5	84.7	69.7	56.0	45.1	36.9	30.1	24.6	19.1	12.3
-67.5°	106.6	90.2	76.5	61.5	51.9	43.7	35.5	30.1	23.2	17.8	12.3
-70°	92.9	79.2	67.0	57.4	49.2	41.0	34.2	28.7	23.2	16.4	10.9
-72.5°	82.0	69.7	60.1	53.3	46.5	39.6	32.8	27.3	21.9	15.0	9.6
-75°	69.7	61.5	54.7	47.8	42.4	36.9	31.4	24.6	19.1	13.7	9.6
-77.5°	58.8	53.3	47.8	43.7	38.3	32.8	27.3	21.9	17.8	12.3	8.2
-80°	50.6	46.5	42.4	38.3	34.2	28.7	24.6	19.1	15.0	10.9	6.8
-82.5°	41.0	38.3	34.2	31.4	28.7	24.6	20.5	16.4	10.9	8.2	5.5
-85°	31.4	28.7	27.3	24.6	21.9	17.8	13.7	10.9	8.2	5.5	2.7
-87.5°	16.4	15.0	13.7	12.3	10.9	8.2	6.8	5.5	4.1	2.7	1.4
-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°	1.4	0.0	0.0	0.0
77.5°	1.4	0.0	0.0	0.0
75°	1.4	1.4	0.0	0.0
72.5°	1.4	1.4	0.0	0.0
70°	1.4	1.4	0.0	0.0
67.5°	2.7	1.4	0.0	0.0
65°	2.7	1.4	0.0	0.0
62.5°	2.7	1.4	0.0	0.0
60°	2.7	1.4	0.0	0.0
57.5°	4.1	1.4	1.4	0.0
55°	4.1	1.4	1.4	0.0
52.5°	4.1	1.4	1.4	0.0
50°	4.1	2.7	1.4	0.0
47.5°	4.1	2.7	1.4	0.0
45°	4.1	2.7	1.4	0.0
42.5°	4.1	2.7	1.4	0.0
40°	5.5	2.7	1.4	0.0
37.5°	5.5	2.7	1.4	0.0
35°	5.5	2.7	1.4	0.0
32.5°	5.5	2.7	1.4	0.0
30°	5.5	2.7	1.4	0.0
27.5°	5.5	4.1	1.4	0.0
25°	5.5	4.1	1.4	0.0
22.5°	6.8	4.1	1.4	0.0
20°	6.8	4.1	1.4	0.0
17.5°	6.8	4.1	1.4	0.0
15°	6.8	4.1	1.4	0.0
12.5°	6.8	4.1	1.4	0.0
10°	6.8	4.1	1.4	0.0
7.5°	6.8	4.1	1.4	0.0
5°	6.8	4.1	1.4	0.0
2.5°	6.8	4.1	1.4	0.0
0°	6.8	4.1	1.4	0.0
-2.5°	6.8	4.1	1.4	0.0
-5°	6.8	4.1	1.4	0.0
-7.5°	6.8	4.1	1.4	0.0
-10°	6.8	4.1	1.4	0.0
-12.5°	8.2	4.1	1.4	0.0
-15°	8.2	4.1	1.4	0.0
-17.5°	8.2	4.1	1.4	0.0
-20°	8.2	4.1	1.4	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.2	4.1	1.4	0.0
-25°	8.2	4.1	1.4	0.0
-27.5°	8.2	4.1	1.4	0.0
-30°	8.2	4.1	1.4	0.0
-32.5°	8.2	4.1	1.4	0.0
-35°	8.2	4.1	1.4	0.0
-37.5°	8.2	4.1	1.4	0.0
-40°	8.2	4.1	1.4	0.0
-42.5°	6.8	4.1	1.4	0.0
-45°	8.2	4.1	1.4	0.0
-47.5°	8.2	4.1	1.4	0.0
-50°	8.2	4.1	1.4	0.0
-52.5°	8.2	4.1	1.4	0.0
-55°	8.2	4.1	1.4	0.0
-57.5°	8.2	4.1	1.4	0.0
-60°	8.2	4.1	1.4	0.0
-62.5°	6.8	4.1	1.4	0.0
-65°	6.8	2.7	1.4	0.0
-67.5°	6.8	2.7	1.4	0.0
-70°	6.8	2.7	1.4	0.0
-72.5°	5.5	2.7	1.4	0.0
-75°	5.5	2.7	1.4	0.0
-77.5°	4.1	1.4	0.0	0.0
-80°	4.1	1.4	0.0	0.0
-82.5°	2.7	1.4	0.0	0.0
-85°	1.4	1.4	0.0	0.0
-87.5°	1.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)