

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: P722061

Luminaire Tested: **IFLD-M-SA4A-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722061
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

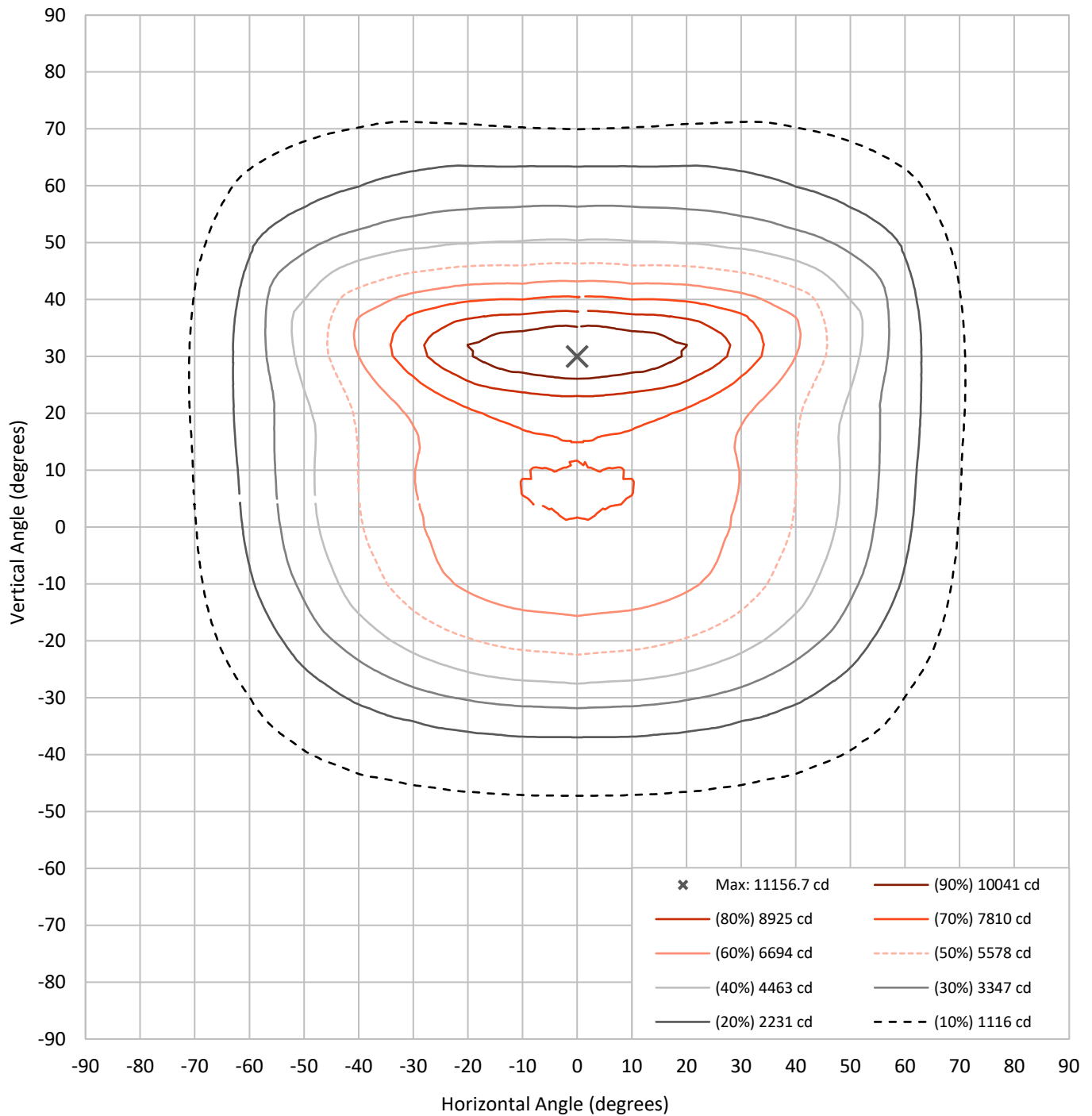
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18623.3 lumens	Max Intensity:	11156.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	144.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10829.7 lumens	Field Lumens:	17452.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 128.6
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



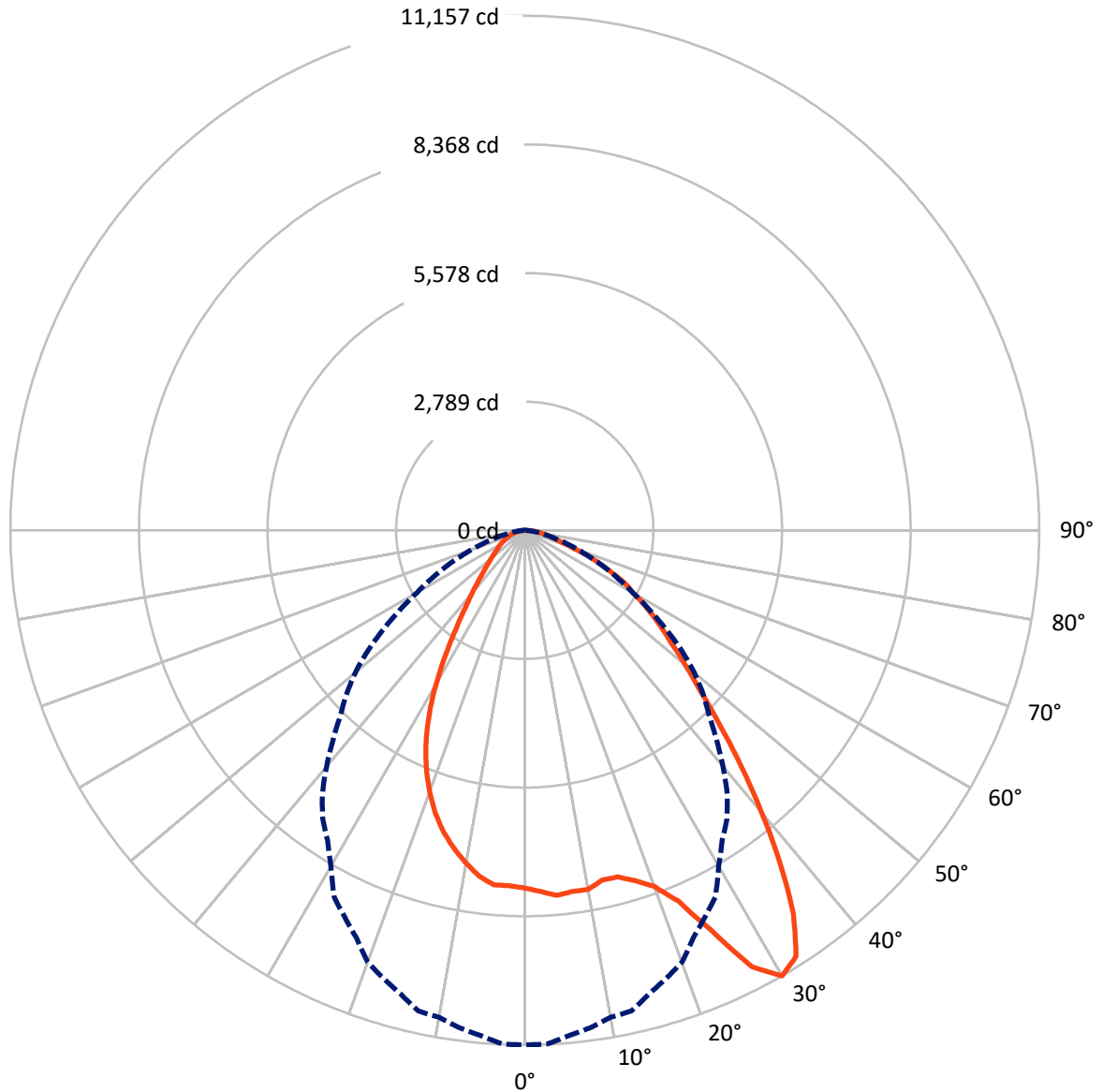
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Iso-Candela Plot



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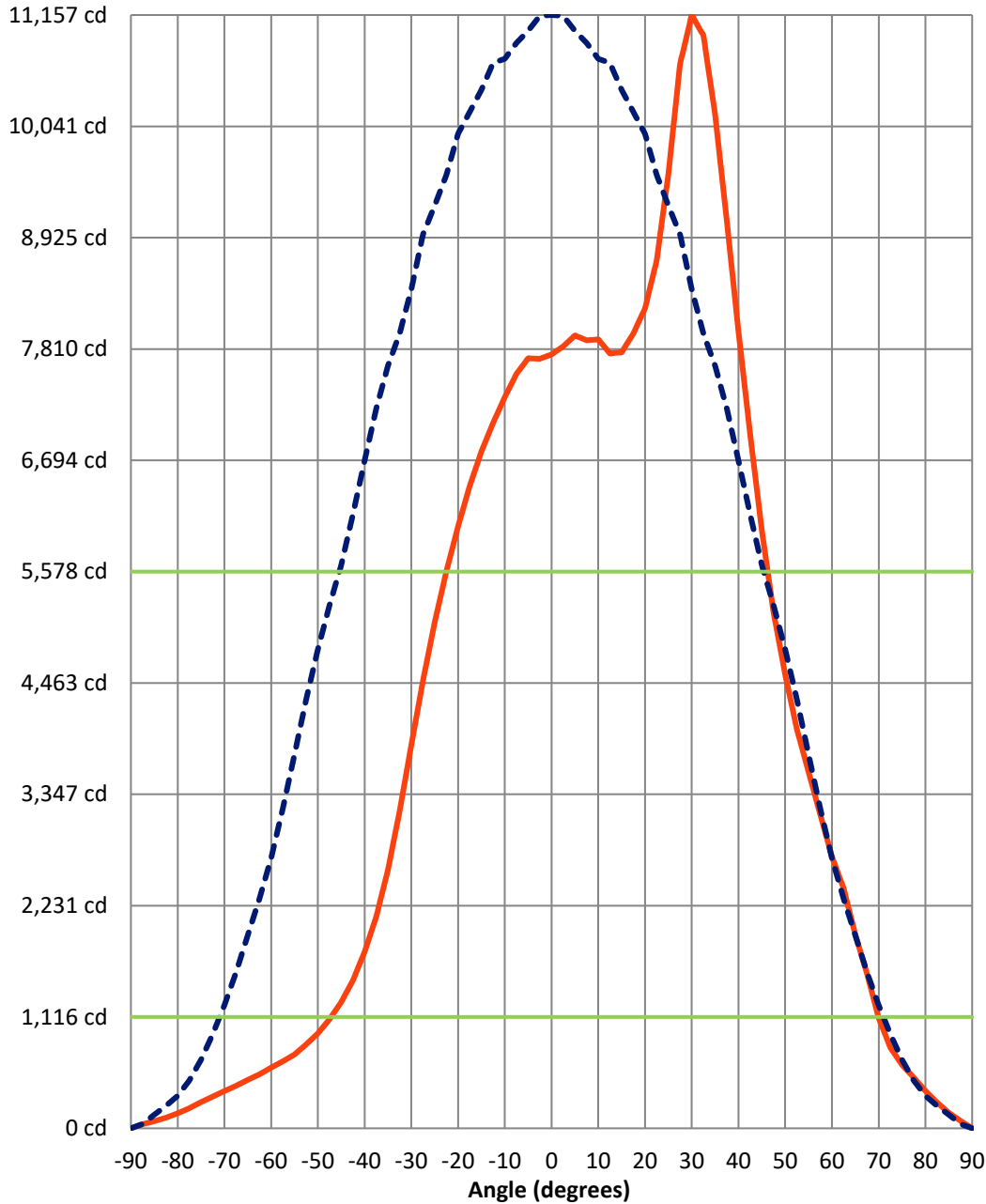
Luminous Intensity Polar Plot



— 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: 10829.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 17452.4
 Efficiency: 93.7%

Spill:
 Lumens: 1170.9
 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°	75.0	76.9	78.9	78.9	76.9	76.9	76.9	75.0	76.9	76.9	76.9
85°	155.9	159.8	163.7	161.8	159.8	155.9	151.9	153.9	155.9	157.8	157.8
82.5°	258.4	264.4	268.3	266.3	262.4	258.4	254.5	256.5	260.4	262.4	262.4
80°	374.8	376.8	378.8	382.7	376.8	376.8	374.8	382.7	386.7	390.6	394.6
77.5°	509.0	511.0	511.0	513.0	514.9	516.9	516.9	530.7	540.6	546.5	552.4
75°	635.3	641.2	647.1	653.0	660.9	664.9	670.8	690.5	706.3	718.1	730.0
72.5°	808.9	816.8	826.6	840.4	854.3	864.1	877.9	901.6	919.4	931.2	945.0
70°	1106.8	1114.7	1124.5	1134.4	1148.2	1158.1	1171.9	1201.5	1219.2	1227.1	1235.0
67.5°	1548.7	1568.4	1586.2	1566.5	1556.6	1542.8	1546.7	1574.4	1592.1	1604.0	1602.0
65°	1941.3	1955.1	1955.1	1953.2	1945.3	1927.5	1937.4	1970.9	1990.6	2000.5	1970.9
62.5°	2403.0	2403.0	2393.1	2408.9	2410.9	2399.0	2393.1	2395.1	2397.1	2403.0	2353.7
60°	2722.6	2742.3	2748.2	2762.0	2766.0	2766.0	2775.8	2783.7	2783.7	2771.9	2714.7
57.5°	3144.8	3182.3	3190.2	3180.3	3160.6	3134.9	3131.0	3119.1	3095.5	3071.8	3044.2
55°	3570.9	3590.7	3588.7	3582.8	3563.0	3533.4	3537.4	3521.6	3484.1	3454.5	3417.0
52.5°	3999.0	4046.4	4054.3	4042.4	4014.8	3983.3	3985.2	3967.5	3930.0	3898.4	3847.1
50°	4545.5	4585.0	4581.0	4561.3	4521.9	4498.2	4500.2	4466.6	4423.2	4413.3	4346.3
47.5°	5170.9	5216.3	5208.4	5180.8	5127.5	5117.7	5127.5	5084.1	5058.5	5036.8	4957.9
45°	5991.7	6044.9	6015.3	5962.1	5877.2	5887.1	5900.9	5893.0	5837.8	5780.6	5679.9
42.5°	6954.4	6988.0	6952.4	6899.2	6792.6	6812.4	6804.5	6757.1	6723.6	6628.9	6500.7
40°	7984.3	8057.3	8002.0	7919.2	7808.7	7838.3	7816.6	7755.4	7676.5	7558.1	7396.3
37.5°	9095.0	9152.2	9089.1	8992.4	8893.8	8883.9	8840.5	8745.8	8633.3	8503.1	8244.7
35°	10158.4	10306.4	10190.0	10036.1	9915.7	9870.3	9828.9	9609.9	9481.7	9270.6	8917.4
32.5°	10949.5	11058.0	10914.0	10754.2	10608.2	10545.1	10399.1	10138.7	10069.6	9625.7	9302.2
30°	11156.7	11148.8	10998.8	10876.5	10718.7	10675.3	10407.0	10186.0	9965.0	9554.7	9246.9
27.5°	10663.4	10614.1	10470.1	10363.6	10207.7	10156.4	9892.0	9773.7	9432.4	9085.1	8824.7
25°	9564.5	9590.2	9481.7	9428.4	9325.8	9215.3	9110.8	8951.0	8737.9	8434.1	8195.4
22.5°	8698.5	8732.0	8686.6	8623.5	8544.6	8483.4	8404.5	8280.2	8075.0	7887.6	7662.7
20°	8217.1	8207.2	8167.7	8120.4	8045.4	8002.0	7915.2	7810.7	7652.8	7491.0	7248.4
17.5°	7964.5	7903.4	7865.9	7848.1	7808.7	7753.4	7650.8	7544.3	7422.0	7238.5	7061.0
15°	7777.1	7787.0	7757.4	7743.6	7712.0	7635.1	7530.5	7443.7	7278.0	7185.2	7023.5
12.5°	7765.3	7755.4	7757.4	7751.5	7712.0	7613.4	7560.1	7449.6	7343.1	7220.8	7035.3
10°	7905.4	7800.8	7808.7	7836.3	7773.2	7694.3	7637.0	7516.7	7416.1	7260.2	7076.7
7.5°	7897.5	7844.2	7860.0	7814.6	7834.3	7737.7	7658.7	7538.4	7412.1	7246.4	7080.7
5°	7944.8	7863.9	7850.1	7854.1	7804.7	7731.7	7625.2	7510.8	7392.4	7206.9	7037.3
2.5°	7836.3	7848.1	7785.0	7761.3	7755.4	7633.1	7534.4	7424.0	7301.6	7137.9	6986.0
0°	7755.4	7777.1	7712.0	7678.5	7676.5	7571.9	7508.8	7382.5	7295.7	7159.6	6976.1
-2.5°	7712.0	7737.7	7745.5	7684.4	7625.2	7544.3	7437.8	7301.6	7159.6	7001.8	6843.9
-5°	7716.0	7664.7	7643.0	7662.7	7611.4	7530.5	7412.1	7291.8	7151.7	6982.0	6784.8
-7.5°	7560.1	7508.8	7504.9	7495.0	7483.2	7406.2	7307.6	7177.4	7035.3	6877.5	6694.0
-10°	7327.3	7289.8	7279.9	7270.1	7238.5	7193.1	7100.4	6982.0	6853.8	6696.0	6500.7
-12.5°	7068.8	7051.1	7013.6	6988.0	6956.4	6903.1	6814.3	6705.8	6577.6	6437.5	6269.8
-15°	6782.8	6749.2	6711.8	6690.1	6644.7	6581.5	6492.8	6392.1	6252.1	6114.0	5956.1
-17.5°	6437.5	6396.1	6354.7	6348.7	6317.2	6220.5	6137.6	6015.3	5893.0	5760.8	5606.9
-20°	6031.1	5973.9	5946.3	5930.5	5887.1	5816.1	5727.3	5614.8	5496.5	5370.2	5192.6



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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°	5581.3	5532.0	5484.6	5455.0	5417.5	5362.3	5277.5	5178.8	5062.4	4920.4	4756.6
-25°	5070.3	5001.3	4971.7	4938.1	4918.4	4867.1	4784.2	4693.5	4573.1	4435.0	4279.2
-27.5°	4486.3	4431.1	4415.3	4368.0	4344.3	4291.0	4222.0	4137.1	4026.7	3896.4	3768.2
-30°	3841.2	3807.7	3782.0	3734.7	3716.9	3659.7	3614.3	3543.3	3442.7	3350.0	3247.4
-32.5°	3178.3	3144.8	3136.9	3115.2	3103.3	3065.9	3014.6	2963.3	2882.4	2813.3	2730.5
-35°	2590.4	2566.7	2568.7	2566.7	2554.9	2527.3	2464.1	2450.3	2391.1	2328.0	2274.7
-37.5°	2120.9	2122.8	2120.9	2118.9	2103.1	2091.3	2045.9	2028.1	1992.6	1931.5	1899.9
-40°	1767.7	1771.7	1769.7	1765.7	1748.0	1742.1	1712.5	1688.8	1675.0	1631.6	1598.0
-42.5°	1481.6	1487.6	1485.6	1483.6	1471.8	1469.8	1454.0	1426.4	1418.5	1392.9	1357.3
-45°	1264.6	1262.6	1258.7	1262.6	1256.7	1250.8	1240.9	1223.2	1213.3	1201.5	1171.9
-47.5°	1093.0	1095.0	1091.0	1091.0	1083.1	1077.2	1073.2	1061.4	1053.5	1043.7	1025.9
-50°	950.9	958.8	956.8	954.9	949.0	945.0	945.0	933.2	921.3	917.4	905.6
-52.5°	840.4	846.4	848.3	852.3	854.3	856.2	850.3	838.5	818.7	816.8	810.9
-55°	739.8	757.6	769.4	777.3	785.2	791.1	779.3	763.5	743.8	735.9	733.9
-57.5°	670.8	688.5	702.3	714.2	724.0	733.9	722.1	706.3	688.5	678.7	676.7
-60°	607.6	623.4	637.2	653.0	666.8	682.6	676.7	664.9	655.0	647.1	639.2
-62.5°	540.6	556.4	572.1	591.9	609.6	625.4	627.4	625.4	623.4	625.4	611.6
-65°	485.3	493.2	503.1	524.8	544.5	562.3	572.1	578.1	587.9	597.8	584.0
-67.5°	426.1	436.0	447.8	463.6	479.4	491.2	505.1	520.8	536.6	552.4	542.5
-70°	372.9	380.8	390.6	398.5	408.4	416.3	428.1	445.9	463.6	479.4	475.5
-72.5°	317.6	325.5	331.4	335.4	341.3	345.3	351.2	367.0	378.8	386.7	386.7
-75°	262.4	270.3	276.2	278.2	282.1	284.1	288.0	294.0	299.9	301.9	303.8
-77.5°	201.2	209.1	215.0	219.0	222.9	226.9	228.9	232.8	234.8	234.8	236.7
-80°	149.9	155.9	159.8	165.7	167.7	171.6	175.6	177.6	179.5	179.5	181.5
-82.5°	106.5	110.5	114.4	118.4	122.3	124.3	128.2	130.2	132.2	134.2	136.1
-85°	71.0	75.0	78.9	82.9	84.8	86.8	88.8	90.8	92.7	94.7	96.7
-87.5°	41.4	43.4	45.4	49.3	51.3	55.2	57.2	55.2	57.2	57.2	57.2
-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°	76.9	76.9	76.9	76.9	75.0	71.0	69.1	65.1	61.2	57.2	53.3
85°	159.8	161.8	161.8	161.8	157.8	155.9	149.9	144.0	136.1	124.3	114.4
82.5°	266.3	268.3	268.3	266.3	262.4	256.5	248.6	238.7	222.9	207.2	193.3
80°	400.5	402.5	402.5	400.5	390.6	380.8	370.9	359.1	339.3	317.6	294.0
77.5°	560.3	564.2	564.2	558.3	544.5	532.7	516.9	497.2	467.6	436.0	404.4
75°	745.8	755.6	757.6	751.7	733.9	712.2	686.6	653.0	607.6	568.2	530.7
72.5°	960.8	970.7	978.6	970.7	945.0	915.4	877.9	838.5	793.1	739.8	676.7
70°	1242.9	1252.8	1258.7	1233.1	1187.7	1138.4	1093.0	1047.6	994.3	929.2	860.2
67.5°	1598.0	1588.2	1576.3	1525.0	1467.8	1408.6	1345.5	1278.4	1209.4	1140.3	1059.4
65°	1939.3	1911.7	1886.1	1824.9	1751.9	1675.0	1602.0	1527.0	1444.2	1357.3	1280.4
62.5°	2298.4	2239.2	2176.1	2101.1	2026.2	1941.3	1868.3	1779.5	1686.8	1580.3	1481.6
60°	2651.6	2580.5	2517.4	2424.7	2326.0	2211.6	2132.7	2045.9	1937.4	1822.9	1706.5
57.5°	2992.9	2915.9	2846.9	2766.0	2659.4	2535.2	2448.4	2335.9	2221.5	2077.4	1959.1
55°	3355.9	3278.9	3223.7	3132.9	3016.5	2902.1	2807.4	2689.0	2529.2	2375.4	2229.4
52.5°	3772.2	3711.0	3651.8	3559.1	3419.0	3302.6	3198.0	3065.9	2898.2	2708.8	2533.2
50°	4237.8	4206.2	4143.1	4034.6	3874.7	3772.2	3634.1	3458.5	3278.9	3079.7	2860.7
47.5°	4855.3	4804.0	4715.2	4596.8	4462.7	4308.8	4123.3	3918.1	3663.6	3442.7	3209.9
45°	5593.1	5498.4	5384.0	5224.2	5058.5	4884.9	4681.7	4421.2	4079.9	3791.9	3547.2
42.5°	6392.1	6263.9	6108.1	5898.9	5683.9	5470.8	5251.8	4896.7	4470.6	4139.1	3862.9
40°	7226.7	7062.9	6867.6	6563.8	6325.1	6050.8	5800.3	5269.6	4815.8	4456.7	4162.8
37.5°	8043.5	7836.3	7508.8	7139.9	6861.7	6636.8	6086.4	5518.2	5111.7	4717.2	4419.3
35°	8668.9	8493.3	7915.2	7532.5	7293.8	6938.6	6250.1	5668.1	5238.0	4910.5	4446.9
32.5°	9039.8	8586.0	8079.0	7692.3	7495.0	6913.0	6261.9	5711.5	5297.2	4930.2	4375.9
30°	8956.9	8408.4	7964.5	7641.0	7212.9	6690.1	6151.5	5644.4	5242.0	4798.1	4296.9
27.5°	8457.8	8033.6	7637.0	7299.7	6879.5	6409.9	5912.7	5466.9	5092.0	4661.9	4188.4
25°	7893.5	7508.8	7214.8	6920.9	6522.4	6074.5	5636.5	5315.0	4938.1	4514.0	4046.4
22.5°	7374.6	7098.4	6867.6	6559.8	6171.2	5780.6	5508.3	5174.9	4788.2	4358.1	3900.4
20°	7043.2	6855.8	6591.4	6252.1	5946.3	5701.6	5399.8	5046.6	4648.1	4198.3	3776.1
17.5°	6883.4	6666.4	6372.4	6151.5	5916.7	5648.4	5311.0	4936.2	4512.0	4125.3	3789.9
15°	6800.5	6571.7	6378.3	6161.3	5897.0	5614.8	5240.0	4851.3	4512.0	4154.9	3799.8
12.5°	6818.3	6621.0	6409.9	6173.2	5889.1	5587.2	5247.9	4886.8	4535.7	4176.6	3801.7
10°	6873.5	6666.4	6441.5	6179.1	5893.0	5595.1	5269.6	4908.5	4547.5	4186.5	3797.8
7.5°	6893.3	6668.4	6427.7	6163.3	5883.1	5591.2	5273.5	4914.5	4549.5	4184.5	3786.0
5°	6832.1	6628.9	6396.1	6129.8	5855.5	5571.4	5257.7	4906.6	4533.7	4164.8	3756.4
2.5°	6749.2	6585.5	6362.6	6106.1	5827.9	5543.8	5232.1	4871.1	4498.2	4129.2	3718.9
0°	6735.4	6532.2	6307.3	6078.5	5782.5	5482.6	5172.9	4804.0	4433.1	4062.2	3653.8
-2.5°	6644.7	6429.6	6204.7	5956.1	5695.7	5393.9	5068.3	4707.3	4340.3	3975.4	3582.8
-5°	6575.6	6336.9	6098.2	5829.9	5567.5	5265.6	4928.3	4577.1	4218.0	3862.9	3484.1
-7.5°	6482.9	6238.3	5987.7	5707.6	5423.5	5115.7	4782.3	4431.1	4078.0	3724.8	3361.8
-10°	6295.5	6080.4	5845.7	5555.6	5255.8	4948.0	4616.6	4271.3	3918.1	3561.1	3196.1
-12.5°	6068.6	5841.7	5585.2	5318.9	5050.6	4764.5	4433.1	4093.7	3738.6	3379.6	3016.5
-15°	5774.6	5551.7	5289.3	5028.9	4770.4	4496.2	4204.2	3898.4	3537.4	3184.2	2821.2
-17.5°	5407.7	5198.6	4963.8	4715.2	4458.7	4182.5	3898.4	3640.0	3302.6	2971.2	2612.1
-20°	5013.1	4817.8	4606.7	4371.9	4115.4	3845.2	3576.8	3306.6	3014.6	2722.6	2389.2



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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°	4602.7	4405.5	4192.4	3973.4	3736.6	3486.1	3237.5	2979.1	2722.6	2458.2	2176.1
-25°	4129.2	3955.6	3760.3	3547.2	3336.1	3117.2	2880.4	2645.6	2426.6	2197.8	1967.0
-27.5°	3634.1	3474.3	3296.7	3111.2	2929.7	2746.3	2541.1	2324.1	2142.6	1953.2	1761.8
-30°	3113.2	2985.0	2841.0	2679.2	2539.1	2391.1	2219.5	2040.0	1874.2	1730.2	1576.3
-32.5°	2620.0	2511.5	2408.9	2302.4	2164.3	2049.8	1931.5	1799.3	1653.3	1517.1	1406.7
-35°	2195.8	2079.4	2036.0	1957.1	1858.5	1757.8	1671.0	1576.3	1465.9	1345.5	1254.8
-37.5°	1838.7	1769.7	1708.5	1665.1	1600.0	1519.1	1450.1	1381.0	1296.2	1205.4	1114.7
-40°	1560.6	1513.2	1446.1	1424.4	1383.0	1327.8	1256.7	1203.5	1146.2	1077.2	1000.3
-42.5°	1337.6	1302.1	1258.7	1221.2	1203.5	1164.0	1108.8	1057.5	1012.1	964.7	905.6
-45°	1154.1	1130.5	1102.8	1069.3	1055.5	1023.9	984.5	927.3	901.6	862.2	818.7
-47.5°	1006.2	994.3	974.6	952.9	933.2	909.5	874.0	838.5	803.0	777.3	743.8
-50°	889.8	881.9	870.0	852.3	826.6	810.9	787.2	755.6	722.1	700.4	676.7
-52.5°	797.0	789.2	781.3	767.5	747.7	731.9	712.2	686.6	658.9	637.2	617.5
-55°	726.0	714.2	708.3	696.4	680.6	662.9	645.1	627.4	603.7	584.0	564.2
-57.5°	670.8	655.0	647.1	637.2	621.5	603.7	589.9	572.1	556.4	534.7	516.9
-60°	627.4	609.6	593.8	584.0	570.2	552.4	538.6	524.8	509.0	491.2	469.5
-62.5°	591.9	570.2	548.5	536.6	522.8	507.0	493.2	479.4	463.6	445.9	426.1
-65°	558.3	532.7	505.1	493.2	479.4	463.6	445.9	436.0	422.2	406.4	386.7
-67.5°	516.9	489.3	465.6	451.8	438.0	424.2	408.4	398.5	384.7	365.0	345.3
-70°	455.7	438.0	422.2	410.4	398.5	386.7	370.9	355.1	339.3	321.6	303.8
-72.5°	378.8	372.9	370.9	365.0	351.2	337.4	321.6	305.8	292.0	278.2	264.4
-75°	305.8	309.7	313.7	311.7	297.9	284.1	270.3	256.5	246.6	234.8	222.9
-77.5°	242.7	246.6	250.6	250.6	240.7	232.8	222.9	213.1	205.2	195.3	183.5
-80°	187.4	193.3	199.3	203.2	195.3	189.4	181.5	173.6	165.7	157.8	149.9
-82.5°	142.0	148.0	153.9	157.8	151.9	148.0	142.0	136.1	130.2	122.3	116.4
-85°	102.6	106.5	110.5	112.5	108.5	104.6	100.6	96.7	92.7	86.8	82.9
-87.5°	59.2	61.2	63.1	65.1	61.2	57.2	55.2	51.3	49.3	45.4	43.4
-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):

	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°	49.3	45.4	41.4	39.5	35.5	29.6	25.6	21.7	17.8	13.8	11.8
85°	104.6	94.7	82.9	76.9	69.1	61.2	53.3	45.4	37.5	29.6	21.7
82.5°	179.5	167.7	155.9	142.0	124.3	102.6	80.9	67.1	55.2	43.4	33.5
80°	270.3	248.6	228.9	211.1	191.4	163.7	134.2	106.5	75.0	57.2	43.4
77.5°	374.8	349.2	321.6	292.0	260.4	222.9	189.4	153.9	116.4	78.9	55.2
75°	493.2	459.7	422.2	380.8	339.3	290.0	242.7	201.2	157.8	110.5	67.1
72.5°	625.4	584.0	538.6	483.4	418.3	361.0	303.8	248.6	197.3	140.1	90.8
70°	795.1	730.0	662.9	603.7	520.8	430.1	363.0	299.9	234.8	171.6	114.4
67.5°	976.6	897.7	816.8	730.0	625.4	518.9	422.2	351.2	274.2	201.2	136.1
65°	1173.9	1075.2	972.6	876.0	731.9	605.7	497.2	400.5	311.7	228.9	157.8
62.5°	1377.1	1260.7	1142.3	1016.0	850.3	694.5	568.2	455.7	347.2	254.5	177.6
60°	1594.1	1458.0	1313.9	1156.1	962.8	791.1	635.3	513.0	384.7	280.1	199.3
57.5°	1822.9	1675.0	1505.3	1292.2	1079.2	883.9	712.2	564.2	418.3	303.8	215.0
55°	2071.5	1901.9	1716.4	1434.3	1193.6	976.6	789.2	615.5	453.8	323.6	230.8
52.5°	2339.8	2142.6	1907.8	1584.2	1313.9	1071.3	860.2	660.9	487.3	345.3	244.6
50°	2639.7	2391.1	2075.5	1722.3	1418.5	1160.1	931.2	710.2	514.9	368.9	256.5
47.5°	2951.4	2683.1	2225.4	1850.6	1525.0	1246.9	1004.2	753.6	542.5	388.7	268.3
45°	3277.0	2886.3	2381.3	1965.0	1617.8	1325.8	1059.4	793.1	576.1	406.4	278.2
42.5°	3598.5	3040.2	2517.4	2079.4	1704.6	1396.8	1104.8	830.6	603.7	424.2	288.0
40°	3750.5	3156.6	2625.9	2158.3	1777.6	1459.9	1144.3	864.1	627.4	436.0	297.9
37.5°	3813.6	3227.6	2696.9	2233.3	1834.8	1493.5	1177.8	893.7	647.1	447.8	305.8
35°	3827.4	3253.3	2732.4	2284.6	1882.1	1525.0	1203.5	915.4	662.9	459.7	313.7
32.5°	3801.7	3245.4	2742.3	2302.4	1911.7	1548.7	1221.2	931.2	674.7	471.5	321.6
30°	3744.5	3204.0	2706.8	2300.4	1933.4	1562.5	1233.1	943.0	686.6	479.4	325.5
27.5°	3651.8	3131.0	2661.4	2302.4	1945.3	1568.4	1239.0	949.0	694.5	485.3	333.4
25°	3537.4	3032.3	2663.4	2298.4	1947.2	1570.4	1239.0	949.0	696.4	487.3	339.3
22.5°	3405.2	3032.3	2663.4	2292.5	1935.4	1566.5	1233.1	945.0	696.4	491.2	345.3
20°	3413.1	3034.3	2657.5	2280.7	1917.6	1554.6	1219.2	935.1	690.5	497.2	349.2
17.5°	3419.0	3030.4	2645.6	2264.9	1894.0	1534.9	1201.5	921.3	690.5	503.1	351.2
15°	3419.0	3018.5	2627.9	2241.2	1864.4	1507.3	1175.8	909.5	692.5	505.1	355.1
12.5°	3413.1	2996.8	2600.3	2209.6	1828.9	1473.7	1160.1	905.6	692.5	507.0	355.1
10°	3401.3	2967.2	2564.8	2170.2	1795.3	1461.9	1152.2	897.7	688.5	507.0	355.1
7.5°	3379.6	2931.7	2535.2	2146.5	1775.6	1448.1	1140.3	885.8	682.6	503.1	359.1
5°	3346.0	2912.0	2511.5	2118.9	1748.0	1438.2	1132.4	876.0	678.7	503.1	355.1
2.5°	3302.6	2888.3	2483.9	2083.4	1716.4	1404.7	1106.8	854.3	664.9	495.2	351.2
0°	3231.6	2841.0	2436.5	2034.0	1673.0	1371.2	1081.1	832.6	651.1	487.3	347.2
-2.5°	3166.5	2777.8	2375.4	1982.7	1631.6	1341.6	1061.4	820.7	645.1	485.3	345.3
-5°	3075.7	2691.0	2294.5	1915.7	1576.3	1312.0	1041.7	806.9	639.2	481.4	345.3
-7.5°	2975.1	2600.3	2209.6	1846.6	1521.1	1260.7	1004.2	785.2	625.4	473.5	343.3
-10°	2819.3	2464.1	2103.1	1767.7	1461.9	1215.3	972.6	765.5	613.6	465.6	335.4
-12.5°	2653.5	2314.2	1980.8	1671.0	1394.8	1167.9	937.1	743.8	599.8	457.7	331.4
-15°	2477.9	2160.3	1852.5	1570.4	1321.8	1110.7	899.6	720.1	585.9	447.8	325.5
-17.5°	2294.5	1998.5	1720.4	1467.8	1248.8	1051.5	860.2	698.4	570.2	438.0	319.6
-20°	2101.1	1832.8	1586.2	1363.3	1171.9	992.4	818.7	672.8	552.4	426.1	311.7



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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°	1909.8	1669.1	1448.1	1260.7	1093.0	931.2	777.3	647.1	532.7	412.3	305.8
-25°	1740.1	1515.2	1325.8	1162.0	1016.0	872.0	733.9	621.5	511.0	398.5	297.9
-27.5°	1574.4	1383.0	1205.4	1069.3	941.1	814.8	692.5	593.8	489.3	382.7	290.0
-30°	1420.5	1256.7	1110.7	978.6	870.0	763.5	657.0	566.2	465.6	367.0	280.1
-32.5°	1280.4	1148.2	1025.9	899.6	803.0	712.2	623.4	538.6	441.9	351.2	270.3
-35°	1150.2	1047.6	941.1	834.5	735.9	664.9	587.9	509.0	420.2	333.4	260.4
-37.5°	1033.8	950.9	866.1	775.3	690.5	619.5	554.4	479.4	398.5	317.6	250.6
-40°	933.2	866.1	791.1	718.1	647.1	580.0	520.8	449.8	376.8	305.8	240.7
-42.5°	840.4	789.2	728.0	666.8	603.7	544.5	487.3	418.3	355.1	292.0	230.8
-45°	769.4	718.1	668.8	613.6	560.3	509.0	451.8	390.6	335.4	276.2	221.0
-47.5°	702.3	657.0	611.6	566.2	522.8	475.5	418.3	367.0	313.7	262.4	213.1
-50°	643.2	599.8	560.3	520.8	483.4	438.0	384.7	343.3	295.9	248.6	203.2
-52.5°	587.9	550.4	511.0	479.4	447.8	402.5	359.1	319.6	278.2	232.8	193.3
-55°	538.6	503.1	467.6	438.0	408.4	368.9	333.4	299.9	260.4	221.0	183.5
-57.5°	491.2	461.7	428.1	400.5	370.9	339.3	309.7	278.2	242.7	209.1	173.6
-60°	447.8	420.2	390.6	363.0	337.4	311.7	284.1	258.4	226.9	195.3	163.7
-62.5°	404.4	380.8	355.1	327.5	307.8	284.1	262.4	236.7	211.1	183.5	146.0
-65°	365.0	343.3	319.6	295.9	278.2	260.4	240.7	217.0	195.3	169.7	130.2
-67.5°	325.5	305.8	286.1	266.3	250.6	236.7	217.0	199.3	181.5	153.9	114.4
-70°	288.0	272.3	254.5	238.7	226.9	211.1	197.3	181.5	165.7	134.2	96.7
-72.5°	252.5	236.7	222.9	211.1	201.2	187.4	175.6	163.7	142.0	112.5	80.9
-75°	211.1	201.2	193.3	183.5	173.6	163.7	153.9	140.1	118.4	90.8	63.1
-77.5°	173.6	167.7	161.8	153.9	146.0	138.1	126.3	112.5	94.7	71.0	51.3
-80°	142.0	136.1	132.2	124.3	118.4	110.5	98.6	86.8	69.1	55.2	41.4
-82.5°	108.5	104.6	100.6	96.7	90.8	82.9	71.0	61.2	51.3	41.4	31.6
-85°	76.9	75.0	71.0	67.1	61.2	55.2	47.3	41.4	35.5	27.6	21.7
-87.5°	39.5	37.5	35.5	33.5	31.6	27.6	23.7	19.7	17.8	13.8	9.9
-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°	7.9	5.9	2.0	0.0
85°	15.8	9.9	3.9	0.0
82.5°	23.7	15.8	5.9	0.0
80°	31.6	19.7	9.9	0.0
77.5°	39.5	23.7	11.8	0.0
75°	47.3	29.6	13.8	0.0
72.5°	53.3	33.5	15.8	0.0
70°	63.1	39.5	17.8	0.0
67.5°	78.9	43.4	19.7	0.0
65°	92.7	47.3	21.7	0.0
62.5°	108.5	51.3	23.7	0.0
60°	122.3	55.2	25.6	0.0
57.5°	136.1	65.1	27.6	0.0
55°	148.0	73.0	29.6	0.0
52.5°	161.8	80.9	31.6	0.0
50°	173.6	88.8	33.5	0.0
47.5°	183.5	96.7	33.5	0.0
45°	191.4	102.6	35.5	0.0
42.5°	197.3	108.5	37.5	0.0
40°	203.2	114.4	39.5	0.0
37.5°	209.1	120.3	39.5	0.0
35°	215.0	126.3	41.4	0.0
32.5°	221.0	132.2	41.4	0.0
30°	224.9	136.1	43.4	0.0
27.5°	230.8	140.1	43.4	0.0
25°	232.8	144.0	45.4	0.0
22.5°	236.7	146.0	45.4	0.0
20°	240.7	149.9	45.4	0.0
17.5°	242.7	151.9	47.3	0.0
15°	242.7	153.9	49.3	0.0
12.5°	244.6	155.9	49.3	0.0
10°	244.6	159.8	47.3	0.0
7.5°	248.6	157.8	47.3	0.0
5°	246.6	157.8	47.3	0.0
2.5°	244.6	155.9	47.3	0.0
0°	242.7	155.9	47.3	0.0
-2.5°	242.7	155.9	47.3	0.0
-5°	242.7	155.9	47.3	0.0
-7.5°	240.7	157.8	47.3	0.0
-10°	236.7	157.8	47.3	0.0
-12.5°	234.8	151.9	47.3	0.0
-15°	232.8	149.9	47.3	0.0
-17.5°	228.9	148.0	45.4	0.0
-20°	224.9	146.0	45.4	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	221.0	142.0	45.4	0.0
-25°	217.0	138.1	43.4	0.0
-27.5°	213.1	134.2	43.4	0.0
-30°	207.2	130.2	41.4	0.0
-32.5°	201.2	126.3	41.4	0.0
-35°	197.3	120.3	39.5	0.0
-37.5°	191.4	114.4	39.5	0.0
-40°	185.5	108.5	37.5	0.0
-42.5°	179.5	102.6	35.5	0.0
-45°	171.6	96.7	35.5	0.0
-47.5°	165.7	90.8	33.5	0.0
-50°	155.9	82.9	31.6	0.0
-52.5°	144.0	75.0	29.6	0.0
-55°	132.2	69.1	27.6	0.0
-57.5°	120.3	61.2	27.6	0.0
-60°	108.5	53.3	25.6	0.0
-62.5°	96.7	49.3	23.7	0.0
-65°	84.8	45.4	21.7	0.0
-67.5°	71.0	39.5	19.7	0.0
-70°	59.2	35.5	17.8	0.0
-72.5°	51.3	31.6	15.8	0.0
-75°	43.4	27.6	13.8	0.0
-77.5°	37.5	23.7	11.8	0.0
-80°	29.6	17.8	7.9	0.0
-82.5°	21.7	13.8	5.9	0.0
-85°	13.8	9.9	3.9	0.0
-87.5°	7.9	3.9	2.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)