

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: P722068

Luminaire Tested: **IFLD-L-SA7C-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722068
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

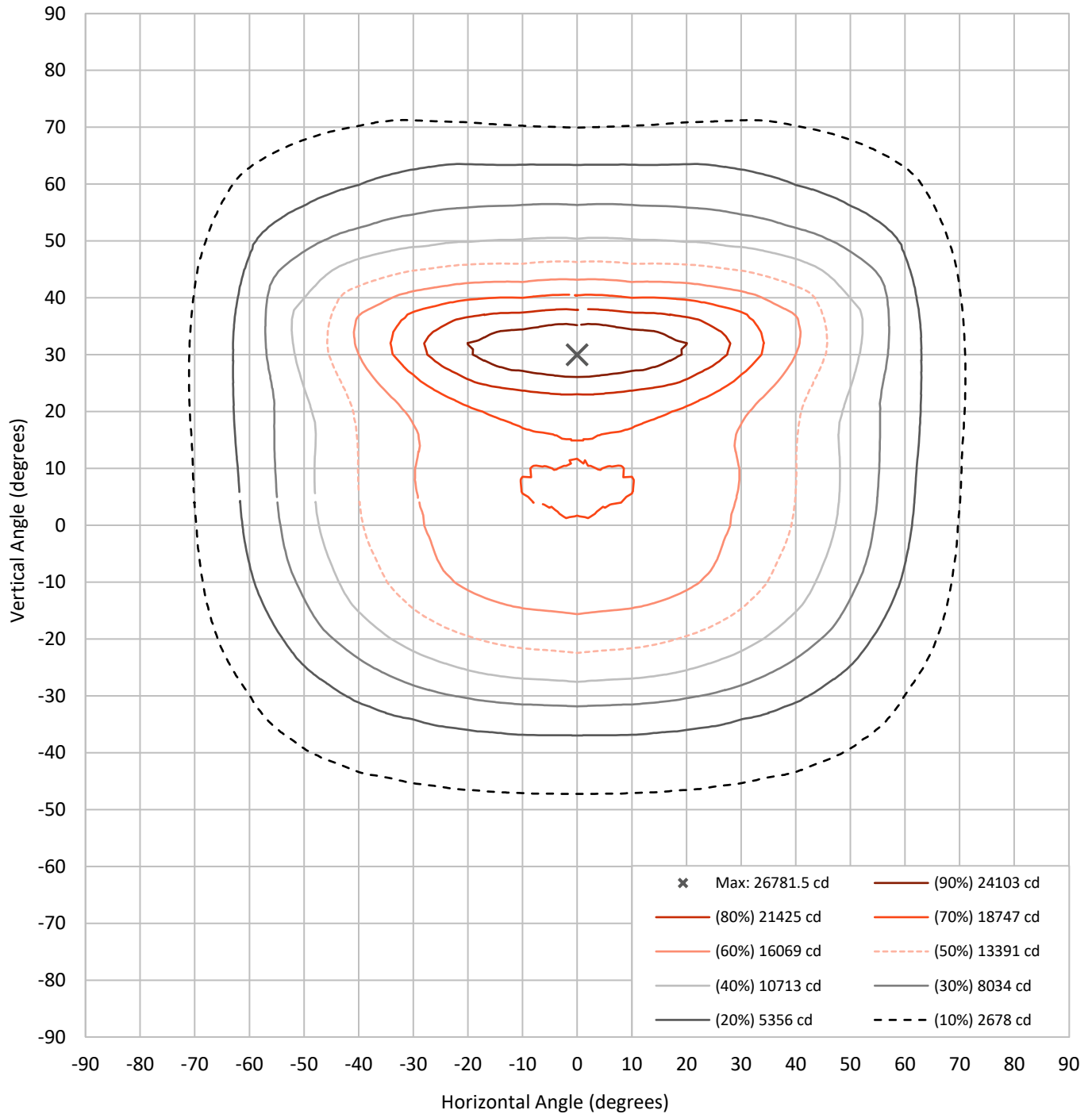
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	44705.1 lumens	Max Intensity:	26781.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	25996.5 lumens	Field Lumens:	41894.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369
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



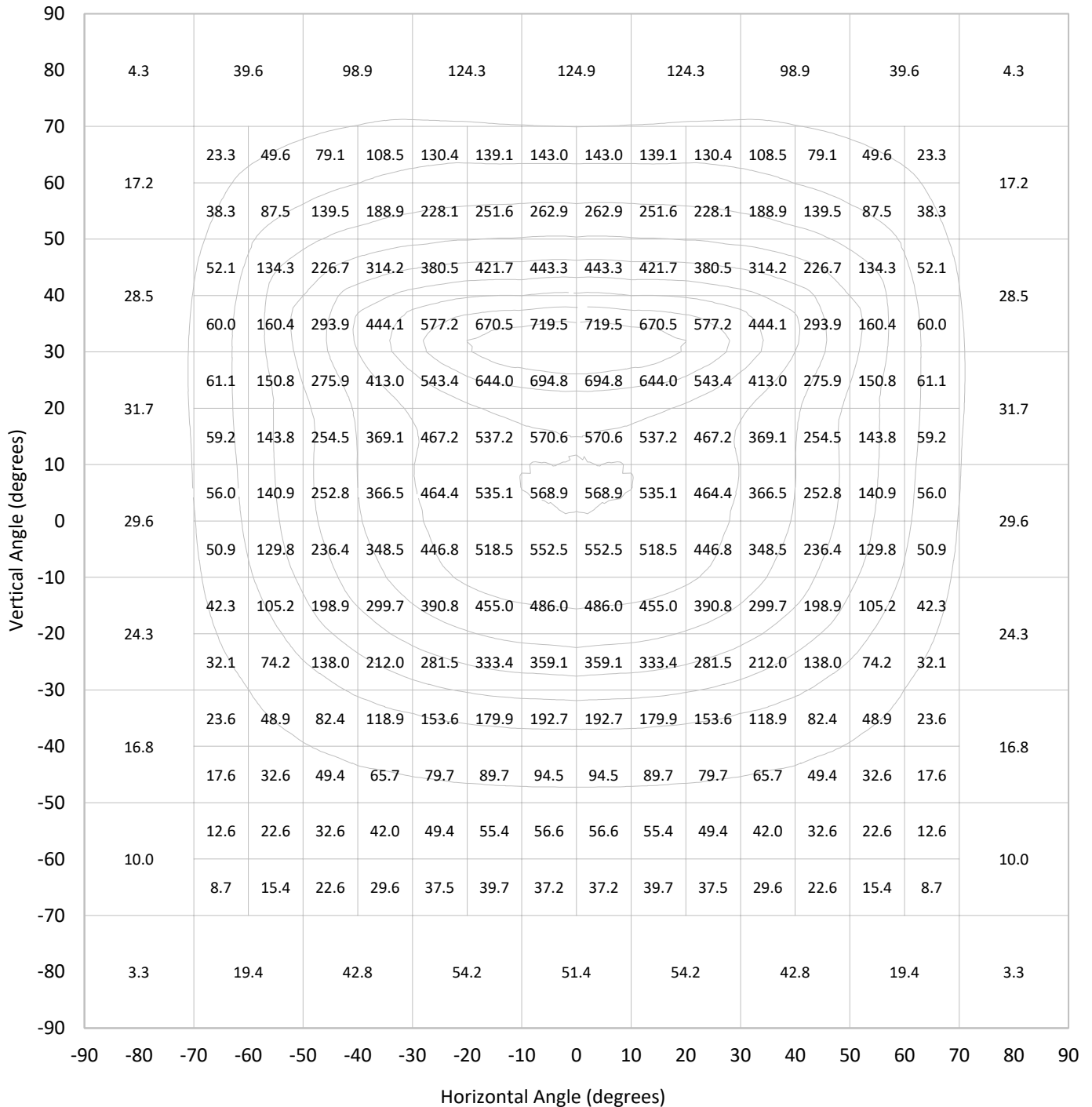
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Iso-Candela Plot



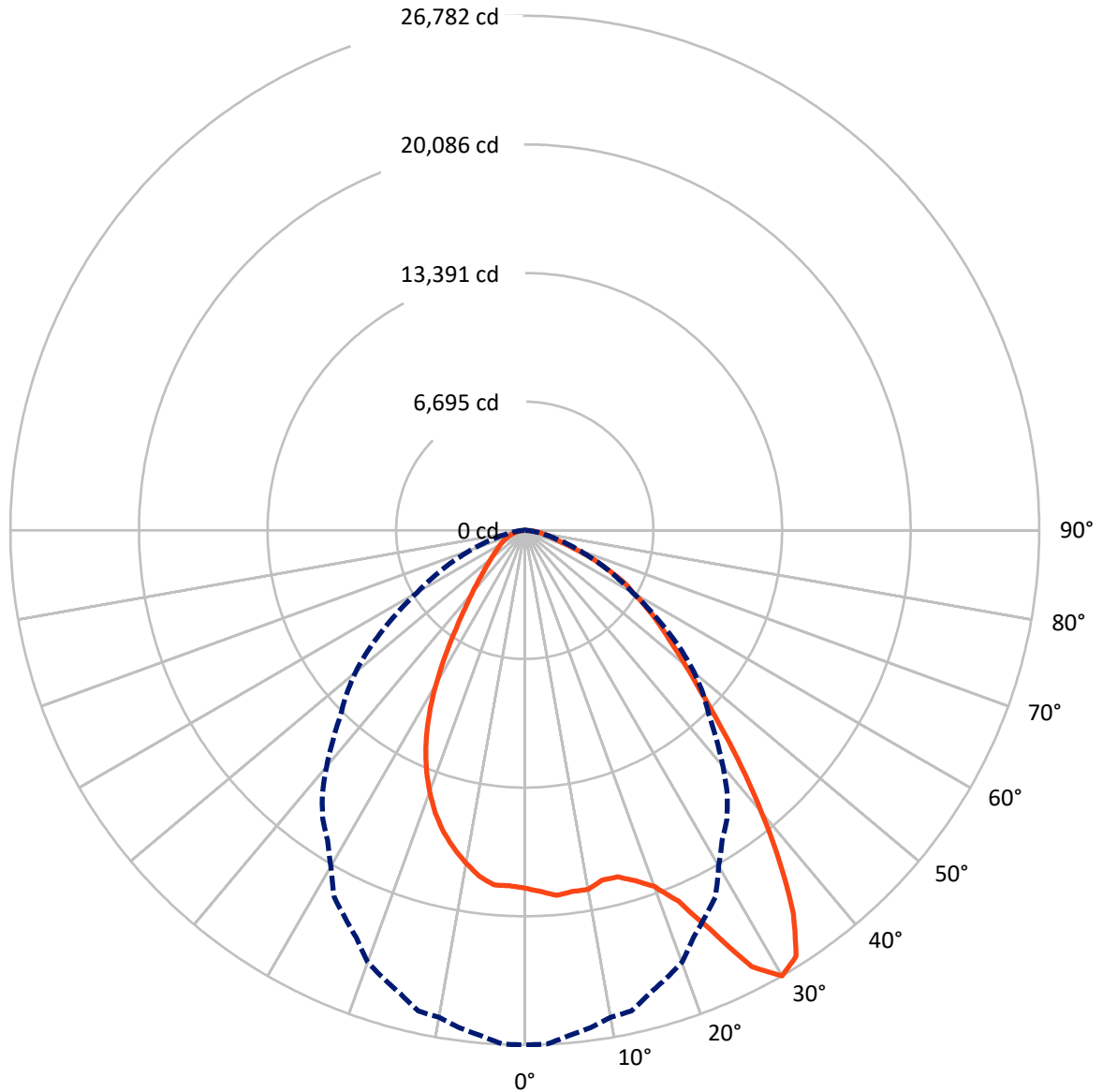
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Lumen Table



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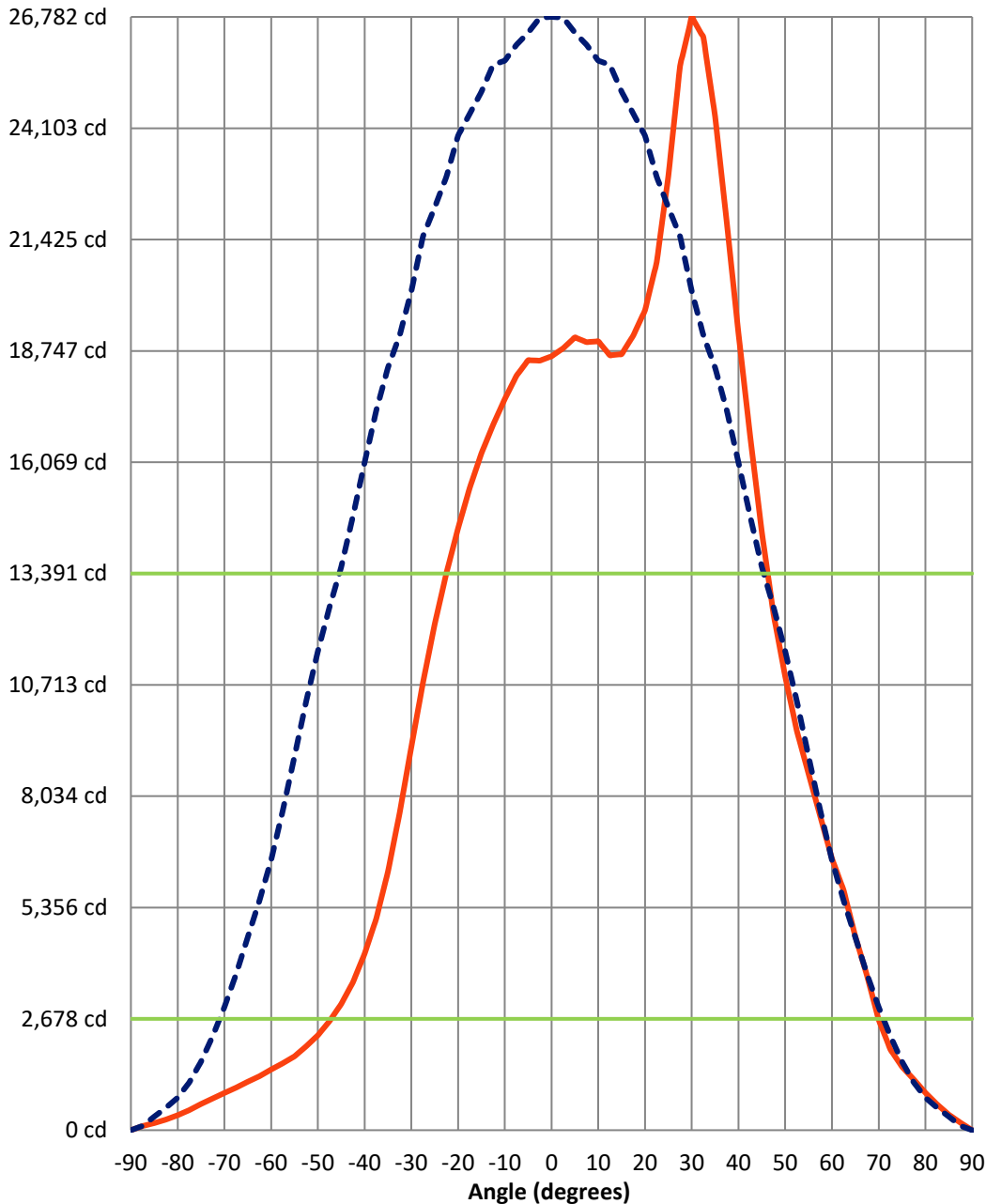
Luminous Intensity Polar Plot



— 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: 25996.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 41894.5
 Efficiency: 93.7%

Spill:
 Lumens: 2810.6
 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°	180.0	184.7	189.4	189.4	184.7	184.7	184.7	180.0	184.7	184.7	184.7
85°	374.1	383.6	393.1	388.3	383.6	374.1	364.7	369.4	374.1	378.9	378.9
82.5°	620.4	634.6	644.1	639.3	629.9	620.4	610.9	615.7	625.1	629.9	629.9
80°	899.8	904.6	909.3	918.8	904.6	904.6	899.8	918.8	928.2	937.7	947.2
77.5°	1221.9	1226.6	1226.6	1231.3	1236.1	1240.8	1240.8	1274.0	1297.6	1311.8	1326.1
75°	1525.0	1539.2	1553.4	1567.6	1586.5	1596.0	1610.2	1657.6	1695.5	1723.9	1752.3
72.5°	1941.7	1960.7	1984.3	2017.5	2050.6	2074.3	2107.5	2164.3	2206.9	2235.3	2268.5
70°	2656.8	2675.8	2699.5	2723.1	2756.3	2780.0	2813.1	2884.2	2926.8	2945.7	2964.7
67.5°	3717.7	3765.0	3807.7	3760.3	3736.6	3703.5	3712.9	3779.3	3821.9	3850.3	3845.6
65°	4660.1	4693.3	4693.3	4688.5	4669.6	4627.0	4650.7	4731.2	4778.5	4802.2	4731.2
62.5°	5768.3	5768.3	5744.7	5782.5	5787.3	5758.9	5744.7	5749.4	5754.1	5768.3	5649.9
60°	6535.5	6582.9	6597.1	6630.3	6639.7	6639.7	6663.4	6682.4	6682.4	6653.9	6516.6
57.5°	7549.0	7639.0	7658.0	7634.3	7586.9	7525.4	7515.9	7487.5	7430.6	7373.8	7307.5
55°	8572.0	8619.3	8614.6	8600.4	8553.0	8482.0	8491.5	8453.6	8363.6	8292.6	8202.6
52.5°	9599.7	9713.3	9732.3	9703.9	9637.6	9561.8	9566.5	9523.9	9433.9	9358.1	9235.0
50°	10911.5	11006.2	10996.8	10949.4	10854.7	10797.9	10802.6	10722.1	10617.9	10594.2	10433.2
47.5°	12412.8	12521.7	12502.8	12436.5	12308.6	12284.9	12308.6	12204.4	12142.9	12090.8	11901.3
45°	14382.9	14510.8	14439.8	14311.9	14108.3	14131.9	14165.1	14146.1	14013.5	13876.2	13634.7
42.5°	16694.1	16774.6	16689.3	16561.5	16305.7	16353.1	16334.1	16220.5	16140.0	15912.6	15604.8
40°	19166.2	19341.4	19208.8	19009.9	18744.7	18815.7	18763.7	18616.8	18427.4	18143.3	17754.9
37.5°	21832.5	21969.9	21818.3	21586.3	21349.5	21325.8	21221.6	20994.3	20724.3	20411.7	19791.3
35°	24385.2	24740.4	24460.9	24091.5	23802.7	23693.7	23594.3	23068.6	22760.8	22254.0	21406.3
32.5°	26284.3	26544.7	26199.0	25815.4	25465.0	25313.4	24963.0	24337.8	24172.1	23106.5	22329.8
30°	26781.5	26762.6	26402.7	26109.0	25730.2	25626.0	24981.9	24451.5	23921.1	22936.0	22197.2
27.5°	25597.6	25479.2	25133.4	24877.7	24503.6	24380.4	23745.8	23461.7	22642.4	21808.8	21183.7
25°	22959.7	23021.2	22760.8	22632.9	22386.6	22121.4	21870.4	21486.8	20975.3	20246.0	19672.9
22.5°	20880.6	20961.1	20852.2	20700.6	20511.2	20364.4	20175.0	19876.6	19384.1	18934.1	18394.3
20°	19725.0	19701.4	19606.6	19493.0	19313.0	19208.8	19000.4	18749.4	18370.6	17982.2	17399.7
17.5°	19118.8	18972.0	18882.1	18839.4	18744.7	18612.1	18365.8	18110.1	17816.5	17376.0	16949.8
15°	18668.9	18692.6	18621.6	18588.4	18512.7	18328.0	18076.9	17868.6	17470.8	17248.2	16859.8
12.5°	18640.5	18616.8	18621.6	18607.4	18512.7	18275.9	18148.0	17882.8	17627.0	17333.4	16888.2
10°	18976.8	18725.8	18744.7	18811.0	18659.5	18470.0	18332.7	18043.8	17802.3	17428.1	16987.7
7.5°	18957.8	18830.0	18867.8	18758.9	18806.3	18574.2	18384.8	18095.9	17792.8	17395.0	16997.2
5°	19071.5	18877.3	18844.2	18853.6	18735.2	18560.0	18304.3	18029.6	17745.4	17300.3	16893.0
2.5°	18811.0	18839.4	18687.9	18631.0	18616.8	18323.2	18086.4	17821.2	17527.6	17134.5	16769.8
0°	18616.8	18668.9	18512.7	18432.1	18427.4	18176.4	18024.9	17721.8	17513.4	17186.6	16746.2
-2.5°	18512.7	18574.2	18593.2	18446.3	18304.3	18110.1	17854.4	17527.6	17186.6	16807.7	16428.9
-5°	18522.1	18399.0	18346.9	18394.3	18271.1	18076.9	17792.8	17503.9	17167.7	16760.4	16286.8
-7.5°	18148.0	18024.9	18015.4	17991.7	17963.3	17778.6	17541.8	17229.2	16888.2	16509.4	16068.9
-10°	17589.1	17499.2	17475.5	17451.8	17376.0	17267.1	17044.5	16760.4	16452.5	16073.7	15604.8
-12.5°	16968.7	16926.1	16836.1	16774.6	16698.8	16570.9	16357.8	16097.3	15789.5	15453.3	15050.7
-15°	16282.0	16201.5	16111.5	16059.5	15950.5	15799.0	15585.9	15344.3	15008.1	14676.6	14297.7
-17.5°	15453.3	15353.8	15254.3	15240.1	15164.4	14932.3	14733.4	14439.8	14146.1	13828.8	13459.4
-20°	14477.7	14340.3	14274.0	14236.1	14131.9	13961.4	13748.3	13478.4	13194.2	12891.1	12464.9



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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°	13397.9	13279.5	13165.8	13094.8	13004.8	12872.2	12668.5	12431.7	12152.3	11811.3	11418.3
-25°	12171.3	12005.5	11934.5	11854.0	11806.6	11683.5	11484.6	11266.7	10977.8	10646.3	10272.2
-27.5°	10769.4	10636.8	10599.0	10485.3	10428.5	10300.6	10134.8	9931.2	9666.0	9353.4	9045.6
-30°	9220.8	9140.3	9078.7	8965.1	8922.4	8785.1	8676.2	8505.7	8264.2	8041.6	7795.3
-32.5°	7629.5	7549.0	7530.1	7478.0	7449.6	7359.6	7236.5	7113.3	6919.2	6753.4	6554.5
-35°	6218.2	6161.4	6166.1	6161.4	6133.0	6066.7	5915.1	5882.0	5739.9	5588.4	5460.5
-37.5°	5091.1	5095.8	5091.1	5086.4	5048.5	5020.1	4911.1	4868.5	4783.3	4636.5	4560.7
-40°	4243.4	4252.8	4248.1	4238.6	4196.0	4181.8	4110.8	4053.9	4020.8	3916.6	3836.1
-42.5°	3556.7	3570.9	3566.1	3561.4	3533.0	3528.2	3490.4	3424.1	3405.1	3343.5	3258.3
-45°	3035.7	3031.0	3021.5	3031.0	3016.8	3002.6	2978.9	2936.3	2912.6	2884.2	2813.1
-47.5°	2623.7	2628.4	2619.0	2619.0	2600.0	2585.8	2576.3	2547.9	2529.0	2505.3	2462.7
-50°	2282.7	2301.6	2296.9	2292.2	2278.0	2268.5	2268.5	2240.1	2211.7	2202.2	2173.8
-52.5°	2017.5	2031.7	2036.4	2045.9	2050.6	2055.4	2041.2	2012.8	1965.4	1960.7	1946.5
-55°	1776.0	1818.6	1847.0	1865.9	1884.9	1899.1	1870.7	1832.8	1785.4	1766.5	1761.8
-57.5°	1610.2	1652.8	1686.0	1714.4	1738.1	1761.8	1733.3	1695.5	1652.8	1629.2	1624.4
-60°	1458.7	1496.5	1529.7	1567.6	1600.7	1638.6	1624.4	1596.0	1572.3	1553.4	1534.4
-62.5°	1297.6	1335.5	1373.4	1420.8	1463.4	1501.3	1506.0	1501.3	1496.5	1501.3	1468.1
-65°	1165.0	1184.0	1207.7	1259.8	1307.1	1349.7	1373.4	1387.6	1411.3	1435.0	1401.8
-67.5°	1023.0	1046.6	1075.1	1112.9	1150.8	1179.2	1212.4	1250.3	1288.2	1326.1	1302.4
-70°	895.1	914.0	937.7	956.7	980.3	999.3	1027.7	1070.3	1112.9	1150.8	1141.4
-72.5°	762.5	781.4	795.6	805.1	819.3	828.8	843.0	880.9	909.3	928.2	928.2
-75°	629.9	648.8	663.0	667.8	677.2	682.0	691.4	705.6	719.9	724.6	729.3
-77.5°	483.1	502.0	516.2	525.7	535.2	544.6	549.4	558.8	563.6	563.6	568.3
-80°	359.9	374.1	383.6	397.8	402.6	412.0	421.5	426.2	431.0	431.0	435.7
-82.5°	255.7	265.2	274.7	284.2	293.6	298.4	307.8	312.6	317.3	322.0	326.8
-85°	170.5	180.0	189.4	198.9	203.6	208.4	213.1	217.9	222.6	227.3	232.1
-87.5°	99.5	104.2	108.9	118.4	123.1	132.6	137.3	132.6	137.3	137.3	137.3
-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°	184.7	184.7	184.7	184.7	180.0	170.5	165.8	156.3	146.8	137.3	127.9
85°	383.6	388.3	388.3	388.3	378.9	374.1	359.9	345.7	326.8	298.4	274.7
82.5°	639.3	644.1	644.1	639.3	629.9	615.7	596.7	573.0	535.2	497.3	464.1
80°	961.4	966.1	966.1	961.4	937.7	914.0	890.4	861.9	814.6	762.5	705.6
77.5°	1345.0	1354.5	1354.5	1340.3	1307.1	1278.7	1240.8	1193.4	1122.4	1046.6	970.9
75°	1790.2	1813.9	1818.6	1804.4	1761.8	1709.7	1648.1	1567.6	1458.7	1363.9	1274.0
72.5°	2306.4	2330.1	2349.0	2330.1	2268.5	2197.5	2107.5	2012.8	1903.8	1776.0	1624.4
70°	2983.6	3007.3	3021.5	2959.9	2851.0	2732.6	2623.7	2514.8	2386.9	2230.6	2064.9
67.5°	3836.1	3812.4	3784.0	3660.9	3523.5	3381.4	3229.9	3068.9	2903.1	2737.4	2543.2
65°	4655.4	4589.1	4527.5	4380.7	4205.5	4020.8	3845.6	3665.6	3466.7	3258.3	3073.6
62.5°	5517.3	5375.3	5223.7	5043.7	4863.8	4660.1	4484.9	4271.8	4049.2	3793.5	3556.7
60°	6365.1	6194.6	6043.0	5820.4	5583.6	5308.9	5119.5	4911.1	4650.7	4376.0	4096.6
57.5°	7184.4	6999.7	6833.9	6639.7	6384.0	6085.6	5877.3	5607.3	5332.6	4986.9	4702.8
55°	8055.8	7871.1	7738.5	7520.6	7241.2	6966.5	6739.2	6455.0	6071.4	5702.0	5351.6
52.5°	9055.0	8908.2	8766.2	8543.6	8207.3	7927.9	7676.9	7359.6	6957.0	6502.4	6080.9
50°	10172.7	10096.9	9945.4	9684.9	9301.3	9055.0	8723.5	8302.0	7871.1	7392.7	6867.1
47.5°	11655.1	11531.9	11318.8	11034.7	10712.6	10343.2	9898.0	9405.5	8794.6	8264.2	7705.3
45°	13426.3	13199.0	12924.3	12540.7	12142.9	11726.1	11238.3	10613.2	9793.9	9102.4	8515.2
42.5°	15344.3	15036.5	14662.4	14160.4	13644.1	13132.7	12607.0	11754.5	10731.6	9935.9	9272.9
40°	17347.6	16954.5	16485.7	15756.4	15183.3	14525.0	13923.6	12649.6	11560.3	10698.4	9992.8
37.5°	19308.3	18811.0	18024.9	17139.2	16471.5	15931.6	14610.3	13246.3	12270.7	11323.5	10608.4
35°	20809.6	20388.1	19000.4	18081.7	17508.6	16656.2	15003.3	13606.3	12573.8	11787.7	10674.7
32.5°	21699.9	20610.7	19393.5	18465.3	17991.7	16594.6	15031.8	13710.4	12715.9	11835.0	10504.2
30°	21501.0	20184.4	19118.8	18342.2	17314.5	16059.5	14766.6	13549.4	12583.3	11517.7	10314.8
27.5°	20302.8	19284.6	18332.7	17522.8	16514.1	15387.0	14193.5	13123.2	12223.4	11190.9	10054.3
25°	18948.4	18024.9	17319.2	16613.6	15656.9	14581.8	13530.5	12758.5	11854.0	10835.7	9713.3
22.5°	17702.8	17039.8	16485.7	15746.9	14813.9	13876.2	13222.6	12422.3	11494.0	10461.6	9362.9
20°	16907.2	16457.3	15822.7	15008.1	14274.0	13686.8	12962.2	12114.4	11157.8	10078.0	9064.5
17.5°	16523.6	16002.6	15297.0	14766.6	14203.0	13558.9	12749.1	11849.2	10831.0	9902.8	9097.7
15°	16324.7	15775.3	15311.2	14790.2	14155.6	13478.4	12578.6	11645.6	10831.0	9973.8	9121.4
12.5°	16367.3	15893.7	15387.0	14818.6	14136.7	13412.1	12597.5	11730.8	10887.8	10025.9	9126.1
10°	16499.9	16002.6	15462.7	14832.9	14146.1	13431.0	12649.6	11782.9	10916.3	10049.6	9116.6
7.5°	16547.3	16007.4	15429.6	14795.0	14122.5	13421.6	12659.1	11797.1	10921.0	10044.9	9088.2
5°	16400.4	15912.6	15353.8	14714.5	14056.2	13374.2	12621.2	11778.2	10883.1	9997.5	9017.2
2.5°	16201.5	15808.4	15273.3	14657.6	13989.9	13307.9	12559.6	11692.9	10797.9	9912.2	8927.2
0°	16168.4	15680.6	15140.7	14591.3	13880.9	13161.1	12417.5	11531.9	10641.6	9751.2	8770.9
-2.5°	15950.5	15434.3	14894.4	14297.7	13672.6	12948.0	12166.5	11299.9	10419.0	9542.8	8600.4
-5°	15784.8	15211.7	14638.7	13994.6	13364.7	12640.1	11830.3	10987.3	10125.4	9272.9	8363.6
-7.5°	15562.2	14974.9	14373.5	13701.0	13019.0	12280.2	11479.8	10636.8	9789.1	8941.4	8070.0
-10°	15112.3	14596.1	14032.5	13336.3	12616.4	11877.6	11082.0	10253.2	9405.5	8548.3	7672.2
-12.5°	14567.6	14023.0	13407.3	12768.0	12123.9	11437.2	10641.6	9827.0	8974.5	8112.6	7241.2
-15°	13862.0	13326.8	12697.0	12071.8	11451.4	10793.1	10092.2	9358.1	8491.5	7643.7	6772.3
-17.5°	12981.1	12479.1	11915.5	11318.8	10703.1	10040.1	9358.1	8737.7	7927.9	7132.3	6270.3
-20°	12033.9	11565.1	11058.3	10494.8	9879.1	9230.3	8586.2	7937.4	7236.5	6535.5	5735.2



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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°	11048.9	10575.3	10063.8	9538.1	8969.8	8368.3	7771.6	7151.2	6535.5	5900.9	5223.7
-25°	9912.2	9495.5	9026.6	8515.2	8008.4	7482.7	6914.4	6350.8	5825.2	5275.8	4721.7
-27.5°	8723.5	8339.9	7913.7	7468.5	7032.8	6592.4	6099.8	5578.9	5143.2	4688.5	4229.2
-30°	7473.3	7165.4	6819.7	6431.4	6095.1	5739.9	5327.9	4896.9	4499.1	4153.4	3784.0
-32.5°	6289.3	6028.8	5782.5	5526.8	5195.3	4920.6	4636.5	4319.1	3968.7	3641.9	3376.7
-35°	5271.1	4991.6	4887.5	4698.0	4461.2	4219.7	4011.3	3784.0	3518.8	3229.9	3012.0
-37.5°	4413.9	4248.1	4101.3	3997.1	3840.8	3646.6	3480.9	3315.1	3111.5	2893.6	2675.8
-40°	3746.1	3632.4	3471.4	3419.3	3319.9	3187.3	3016.8	2888.9	2751.6	2585.8	2401.1
-42.5°	3210.9	3125.7	3021.5	2931.5	2888.9	2794.2	2661.6	2538.4	2429.5	2315.9	2173.8
-45°	2770.5	2713.7	2647.4	2566.9	2533.7	2457.9	2363.2	2225.9	2164.3	2069.6	1965.4
-47.5°	2415.3	2386.9	2339.5	2287.4	2240.1	2183.3	2098.0	2012.8	1927.5	1865.9	1785.4
-50°	2135.9	2116.9	2088.5	2045.9	1984.3	1946.5	1889.6	1813.9	1733.3	1681.2	1624.4
-52.5°	1913.3	1894.4	1875.4	1842.3	1794.9	1757.0	1709.7	1648.1	1581.8	1529.7	1482.3
-55°	1742.8	1714.4	1700.2	1671.8	1633.9	1591.3	1548.6	1506.0	1449.2	1401.8	1354.5
-57.5°	1610.2	1572.3	1553.4	1529.7	1491.8	1449.2	1416.0	1373.4	1335.5	1283.4	1240.8
-60°	1506.0	1463.4	1425.5	1401.8	1368.7	1326.1	1292.9	1259.8	1221.9	1179.2	1127.1
-62.5°	1420.8	1368.7	1316.6	1288.2	1255.0	1217.1	1184.0	1150.8	1112.9	1070.3	1023.0
-65°	1340.3	1278.7	1212.4	1184.0	1150.8	1112.9	1070.3	1046.6	1013.5	975.6	928.2
-67.5°	1240.8	1174.5	1117.7	1084.5	1051.4	1018.2	980.3	956.7	923.5	876.1	828.8
-70°	1094.0	1051.4	1013.5	985.1	956.7	928.2	890.4	852.5	814.6	772.0	729.3
-72.5°	909.3	895.1	890.4	876.1	843.0	809.8	772.0	734.1	700.9	667.8	634.6
-75°	734.1	743.5	753.0	748.3	715.1	682.0	648.8	615.7	592.0	563.6	535.2
-77.5°	582.5	592.0	601.5	601.5	577.8	558.8	535.2	511.5	492.5	468.9	440.4
-80°	449.9	464.1	478.3	487.8	468.9	454.6	435.7	416.8	397.8	378.9	359.9
-82.5°	341.0	355.2	369.4	378.9	364.7	355.2	341.0	326.8	312.6	293.6	279.4
-85°	246.3	255.7	265.2	269.9	260.5	251.0	241.5	232.1	222.6	208.4	198.9
-87.5°	142.1	146.8	151.5	156.3	146.8	137.3	132.6	123.1	118.4	108.9	104.2
-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):

	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°	118.4	108.9	99.5	94.7	85.2	71.0	61.6	52.1	42.6	33.2	28.4
85°	251.0	227.3	198.9	184.7	165.8	146.8	127.9	108.9	90.0	71.0	52.1
82.5°	431.0	402.6	374.1	341.0	298.4	246.3	194.2	161.0	132.6	104.2	80.5
80°	648.8	596.7	549.4	506.7	459.4	393.1	322.0	255.7	180.0	137.3	104.2
77.5°	899.8	838.3	772.0	700.9	625.1	535.2	454.6	369.4	279.4	189.4	132.6
75°	1184.0	1103.5	1013.5	914.0	814.6	696.2	582.5	483.1	378.9	265.2	161.0
72.5°	1501.3	1401.8	1292.9	1160.3	1004.0	866.7	729.3	596.7	473.6	336.2	217.9
70°	1908.6	1752.3	1591.3	1449.2	1250.3	1032.4	871.4	719.9	563.6	412.0	274.7
67.5°	2344.3	2154.8	1960.7	1752.3	1501.3	1245.5	1013.5	843.0	658.3	483.1	326.8
65°	2817.9	2581.1	2334.8	2102.7	1757.0	1453.9	1193.4	961.4	748.3	549.4	378.9
62.5°	3305.7	3026.2	2742.1	2439.0	2041.2	1667.0	1363.9	1094.0	833.5	610.9	426.2
60°	3826.6	3499.8	3154.1	2775.2	2311.1	1899.1	1525.0	1231.3	923.5	672.5	478.3
57.5°	4376.0	4020.8	3613.5	3102.0	2590.5	2121.7	1709.7	1354.5	1004.0	729.3	516.2
55°	4972.7	4565.4	4120.2	3443.0	2865.2	2344.3	1894.4	1477.6	1089.3	776.7	554.1
52.5°	5616.8	5143.2	4579.6	3802.9	3154.1	2571.6	2064.9	1586.5	1169.8	828.8	587.3
50°	6336.6	5739.9	4982.2	4134.4	3405.1	2784.7	2235.3	1704.9	1236.1	885.6	615.7
47.5°	7084.9	6440.8	5342.1	4442.3	3660.9	2993.1	2410.6	1809.1	1302.4	933.0	644.1
45°	7866.3	6928.6	5716.2	4717.0	3883.4	3182.5	2543.2	1903.8	1382.9	975.6	667.8
42.5°	8638.3	7298.0	6043.0	4991.6	4091.8	3353.0	2652.1	1993.8	1449.2	1018.2	691.4
40°	9003.0	7577.4	6303.5	5181.1	4267.0	3504.6	2746.8	2074.3	1506.0	1046.6	715.1
37.5°	9154.5	7747.9	6474.0	5361.0	4404.4	3585.1	2827.3	2145.4	1553.4	1075.1	734.1
35°	9187.7	7809.5	6559.2	5484.2	4518.1	3660.9	2888.9	2197.5	1591.3	1103.5	753.0
32.5°	9126.1	7790.6	6582.9	5526.8	4589.1	3717.7	2931.5	2235.3	1619.7	1131.9	772.0
30°	8988.7	7691.1	6497.7	5522.1	4641.2	3750.8	2959.9	2263.8	1648.1	1150.8	781.4
27.5°	8766.2	7515.9	6388.7	5526.8	4669.6	3765.0	2974.1	2278.0	1667.0	1165.0	800.4
25°	8491.5	7279.1	6393.5	5517.3	4674.3	3769.8	2974.1	2278.0	1671.8	1169.8	814.6
22.5°	8174.2	7279.1	6393.5	5503.1	4645.9	3760.3	2959.9	2268.5	1671.8	1179.2	828.8
20°	8193.1	7283.8	6379.3	5474.7	4603.3	3731.9	2926.8	2244.8	1657.6	1193.4	838.3
17.5°	8207.3	7274.3	6350.8	5436.8	4546.5	3684.5	2884.2	2211.7	1657.6	1207.7	843.0
15°	8207.3	7245.9	6308.2	5380.0	4475.4	3618.2	2822.6	2183.3	1662.3	1212.4	852.5
12.5°	8193.1	7193.8	6241.9	5304.2	4390.2	3537.7	2784.7	2173.8	1662.3	1217.1	852.5
10°	8164.7	7122.8	6156.7	5209.5	4309.7	3509.3	2765.8	2154.8	1652.8	1217.1	852.5
7.5°	8112.6	7037.6	6085.6	5152.7	4262.3	3476.2	2737.4	2126.4	1638.6	1207.7	861.9
5°	8032.1	6990.2	6028.8	5086.4	4196.0	3452.5	2718.4	2102.7	1629.2	1207.7	852.5
2.5°	7927.9	6933.4	5962.5	5001.1	4120.2	3372.0	2656.8	2050.6	1596.0	1188.7	843.0
0°	7757.4	6819.7	5848.8	4882.7	4016.0	3291.5	2595.3	1998.6	1562.8	1169.8	833.5
-2.5°	7601.1	6668.2	5702.0	4759.6	3916.6	3220.4	2547.9	1970.1	1548.6	1165.0	828.8
-5°	7383.3	6459.8	5507.9	4598.6	3784.0	3149.4	2500.6	1937.0	1534.4	1155.6	828.8
-7.5°	7141.7	6241.9	5304.2	4432.8	3651.4	3026.2	2410.6	1884.9	1501.3	1136.6	824.0
-10°	6767.6	5915.1	5048.5	4243.4	3509.3	2917.3	2334.8	1837.5	1472.9	1117.7	805.1
-12.5°	6369.8	5555.2	4754.8	4011.3	3348.3	2803.7	2249.6	1785.4	1439.7	1098.7	795.6
-15°	5948.3	5185.8	4447.0	3769.8	3173.1	2666.3	2159.6	1728.6	1406.6	1075.1	781.4
-17.5°	5507.9	4797.5	4129.7	3523.5	2997.8	2524.2	2064.9	1676.5	1368.7	1051.4	767.2
-20°	5043.7	4399.7	3807.7	3272.5	2813.1	2382.2	1965.4	1614.9	1326.1	1023.0	748.3



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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°	4584.4	4006.6	3476.2	3026.2	2623.7	2235.3	1865.9	1553.4	1278.7	989.8	734.1
-25°	4177.1	3637.2	3182.5	2789.4	2439.0	2093.3	1761.8	1491.8	1226.6	956.7	715.1
-27.5°	3779.3	3319.9	2893.6	2566.9	2259.0	1955.9	1662.3	1425.5	1174.5	918.8	696.2
-30°	3409.9	3016.8	2666.3	2349.0	2088.5	1832.8	1577.1	1359.2	1117.7	880.9	672.5
-32.5°	3073.6	2756.3	2462.7	2159.6	1927.5	1709.7	1496.5	1292.9	1060.8	843.0	648.8
-35°	2761.0	2514.8	2259.0	2003.3	1766.5	1596.0	1411.3	1221.9	1008.7	800.4	625.1
-37.5°	2481.6	2282.7	2079.1	1861.2	1657.6	1487.1	1330.8	1150.8	956.7	762.5	601.5
-40°	2240.1	2079.1	1899.1	1723.9	1553.4	1392.4	1250.3	1079.8	904.6	734.1	577.8
-42.5°	2017.5	1894.4	1747.5	1600.7	1449.2	1307.1	1169.8	1004.0	852.5	700.9	554.1
-45°	1847.0	1723.9	1605.5	1472.9	1345.0	1221.9	1084.5	937.7	805.1	663.0	530.4
-47.5°	1686.0	1577.1	1468.1	1359.2	1255.0	1141.4	1004.0	880.9	753.0	629.9	511.5
-50°	1543.9	1439.7	1345.0	1250.3	1160.3	1051.4	923.5	824.0	710.4	596.7	487.8
-52.5°	1411.3	1321.3	1226.6	1150.8	1075.1	966.1	861.9	767.2	667.8	558.8	464.1
-55°	1292.9	1207.7	1122.4	1051.4	980.3	885.6	800.4	719.9	625.1	530.4	440.4
-57.5°	1179.2	1108.2	1027.7	961.4	890.4	814.6	743.5	667.8	582.5	502.0	416.8
-60°	1075.1	1008.7	937.7	871.4	809.8	748.3	682.0	620.4	544.6	468.9	393.1
-62.5°	970.9	914.0	852.5	786.2	738.8	682.0	629.9	568.3	506.7	440.4	350.5
-65°	876.1	824.0	767.2	710.4	667.8	625.1	577.8	520.9	468.9	407.3	312.6
-67.5°	781.4	734.1	686.7	639.3	601.5	568.3	520.9	478.3	435.7	369.4	274.7
-70°	691.4	653.6	610.9	573.0	544.6	506.7	473.6	435.7	397.8	322.0	232.1
-72.5°	606.2	568.3	535.2	506.7	483.1	449.9	421.5	393.1	341.0	269.9	194.2
-75°	506.7	483.1	464.1	440.4	416.8	393.1	369.4	336.2	284.2	217.9	151.5
-77.5°	416.8	402.6	388.3	369.4	350.5	331.5	303.1	269.9	227.3	170.5	123.1
-80°	341.0	326.8	317.3	298.4	284.2	265.2	236.8	208.4	165.8	132.6	99.5
-82.5°	260.5	251.0	241.5	232.1	217.9	198.9	170.5	146.8	123.1	99.5	75.8
-85°	184.7	180.0	170.5	161.0	146.8	132.6	113.7	99.5	85.2	66.3	52.1
-87.5°	94.7	90.0	85.2	80.5	75.8	66.3	56.8	47.4	42.6	33.2	23.7
-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°	18.9	14.2	4.7	0.0
85°	37.9	23.7	9.5	0.0
82.5°	56.8	37.9	14.2	0.0
80°	75.8	47.4	23.7	0.0
77.5°	94.7	56.8	28.4	0.0
75°	113.7	71.0	33.2	0.0
72.5°	127.9	80.5	37.9	0.0
70°	151.5	94.7	42.6	0.0
67.5°	189.4	104.2	47.4	0.0
65°	222.6	113.7	52.1	0.0
62.5°	260.5	123.1	56.8	0.0
60°	293.6	132.6	61.6	0.0
57.5°	326.8	156.3	66.3	0.0
55°	355.2	175.2	71.0	0.0
52.5°	388.3	194.2	75.8	0.0
50°	416.8	213.1	80.5	0.0
47.5°	440.4	232.1	80.5	0.0
45°	459.4	246.3	85.2	0.0
42.5°	473.6	260.5	90.0	0.0
40°	487.8	274.7	94.7	0.0
37.5°	502.0	288.9	94.7	0.0
35°	516.2	303.1	99.5	0.0
32.5°	530.4	317.3	99.5	0.0
30°	539.9	326.8	104.2	0.0
27.5°	554.1	336.2	104.2	0.0
25°	558.8	345.7	108.9	0.0
22.5°	568.3	350.5	108.9	0.0
20°	577.8	359.9	108.9	0.0
17.5°	582.5	364.7	113.7	0.0
15°	582.5	369.4	118.4	0.0
12.5°	587.3	374.1	118.4	0.0
10°	587.3	383.6	113.7	0.0
7.5°	596.7	378.9	113.7	0.0
5°	592.0	378.9	113.7	0.0
2.5°	587.3	374.1	113.7	0.0
0°	582.5	374.1	113.7	0.0
-2.5°	582.5	374.1	113.7	0.0
-5°	582.5	374.1	113.7	0.0
-7.5°	577.8	378.9	113.7	0.0
-10°	568.3	378.9	113.7	0.0
-12.5°	563.6	364.7	113.7	0.0
-15°	558.8	359.9	113.7	0.0
-17.5°	549.4	355.2	108.9	0.0
-20°	539.9	350.5	108.9	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	530.4	341.0	108.9	0.0
-25°	520.9	331.5	104.2	0.0
-27.5°	511.5	322.0	104.2	0.0
-30°	497.3	312.6	99.5	0.0
-32.5°	483.1	303.1	99.5	0.0
-35°	473.6	288.9	94.7	0.0
-37.5°	459.4	274.7	94.7	0.0
-40°	445.2	260.5	90.0	0.0
-42.5°	431.0	246.3	85.2	0.0
-45°	412.0	232.1	85.2	0.0
-47.5°	397.8	217.9	80.5	0.0
-50°	374.1	198.9	75.8	0.0
-52.5°	345.7	180.0	71.0	0.0
-55°	317.3	165.8	66.3	0.0
-57.5°	288.9	146.8	66.3	0.0
-60°	260.5	127.9	61.6	0.0
-62.5°	232.1	118.4	56.8	0.0
-65°	203.6	108.9	52.1	0.0
-67.5°	170.5	94.7	47.4	0.0
-70°	142.1	85.2	42.6	0.0
-72.5°	123.1	75.8	37.9	0.0
-75°	104.2	66.3	33.2	0.0
-77.5°	90.0	56.8	28.4	0.0
-80°	71.0	42.6	18.9	0.0
-82.5°	52.1	33.2	14.2	0.0
-85°	33.2	23.7	9.5	0.0
-87.5°	18.9	9.5	4.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)