Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P561035

Luminaire Tested: **SDL-PA1-80-727-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P561035
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab:	INNOVATION CENTER
Issue Date:	7/26/2021
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	SDL-PA1-80-727-U-5WQ
Description:	Springdale
	(1) 70 CRI, 2700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8061.6 lumens
Efficiency:	N/A
Efficacy:	98.3 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	82
Input Voltage (V):	NR
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:	24 FT

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Scaled Data Report

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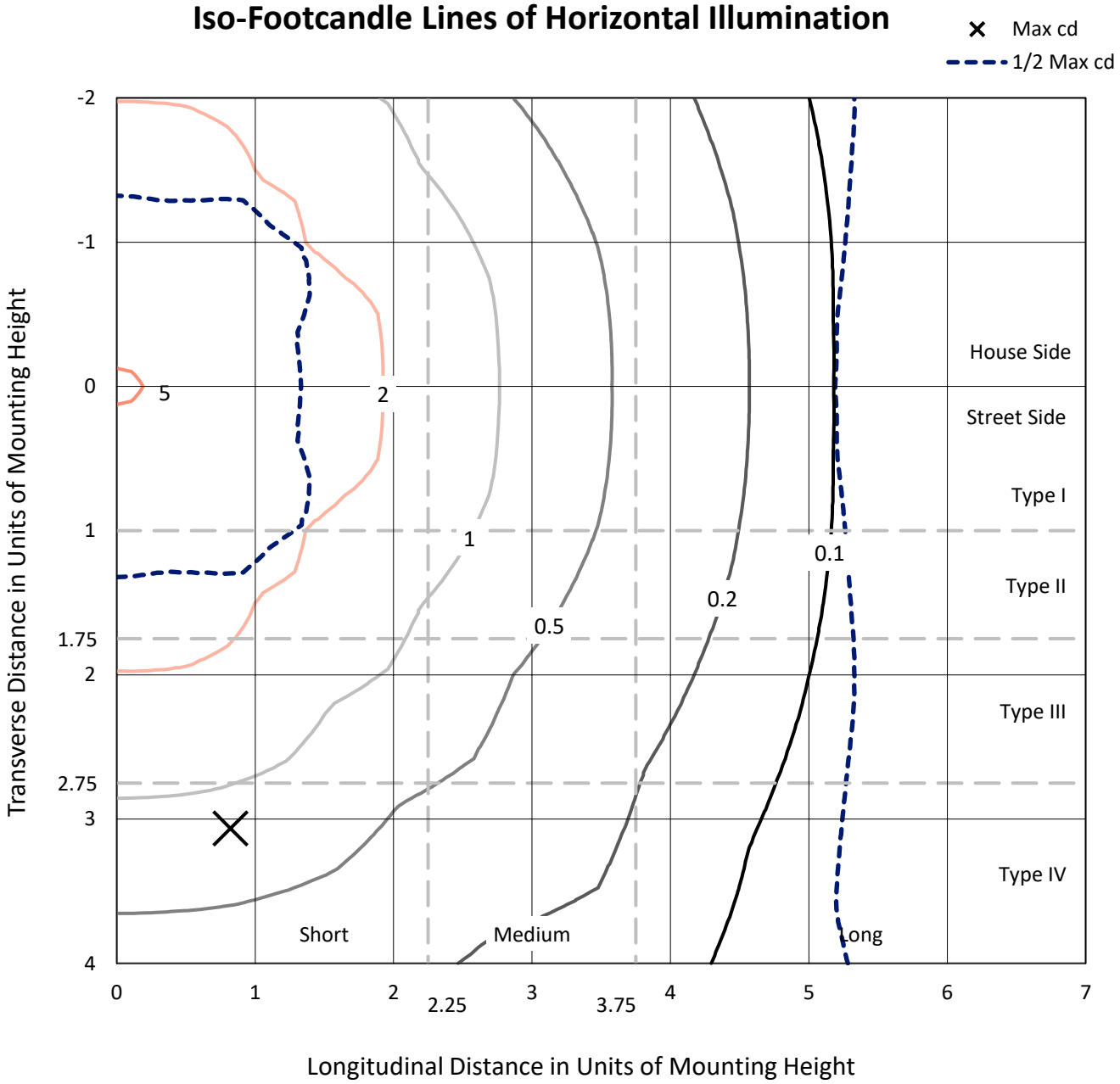
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 7 fc
Type V - Short - N/A

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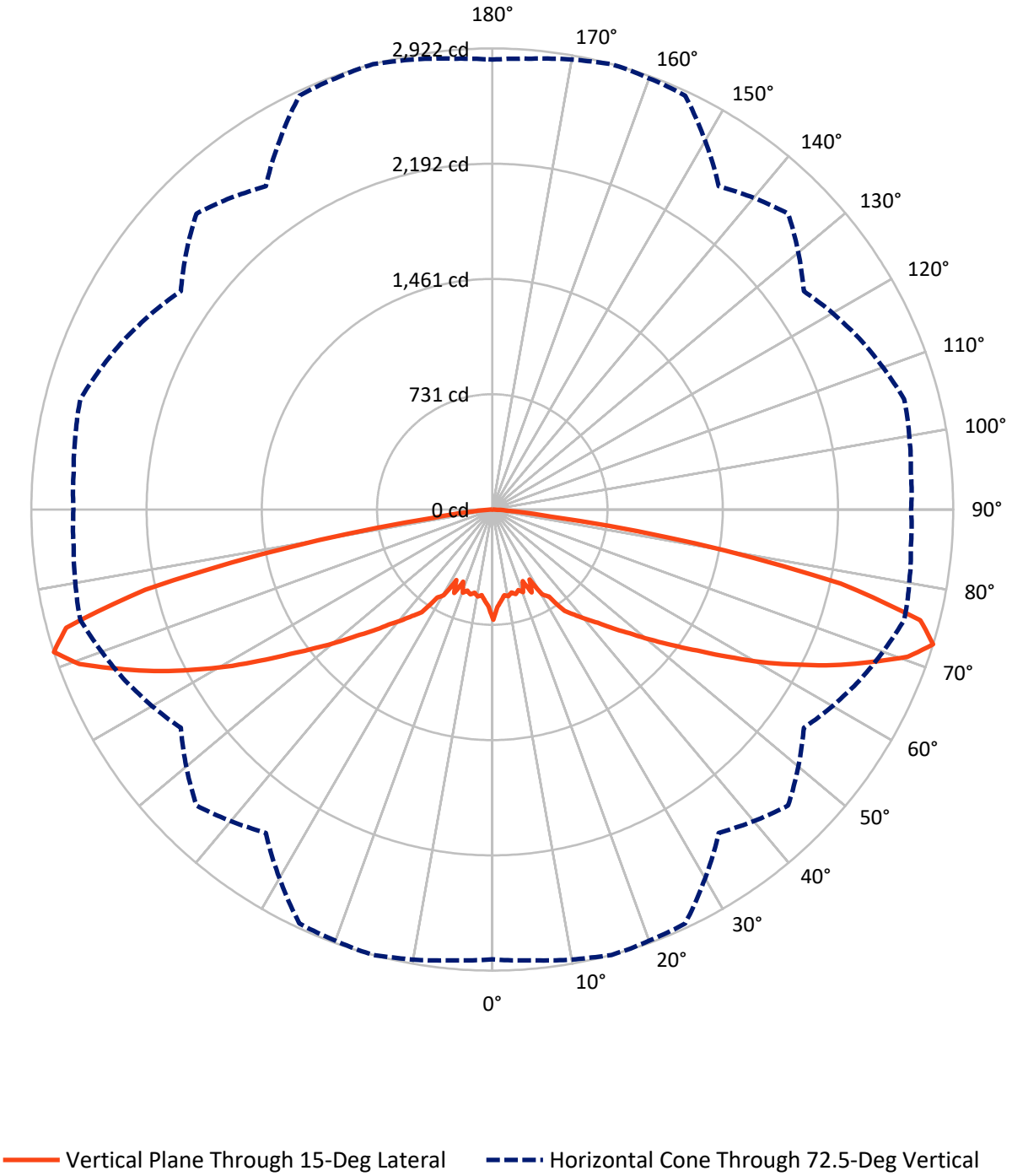
Luminous Intensity Polar Plot



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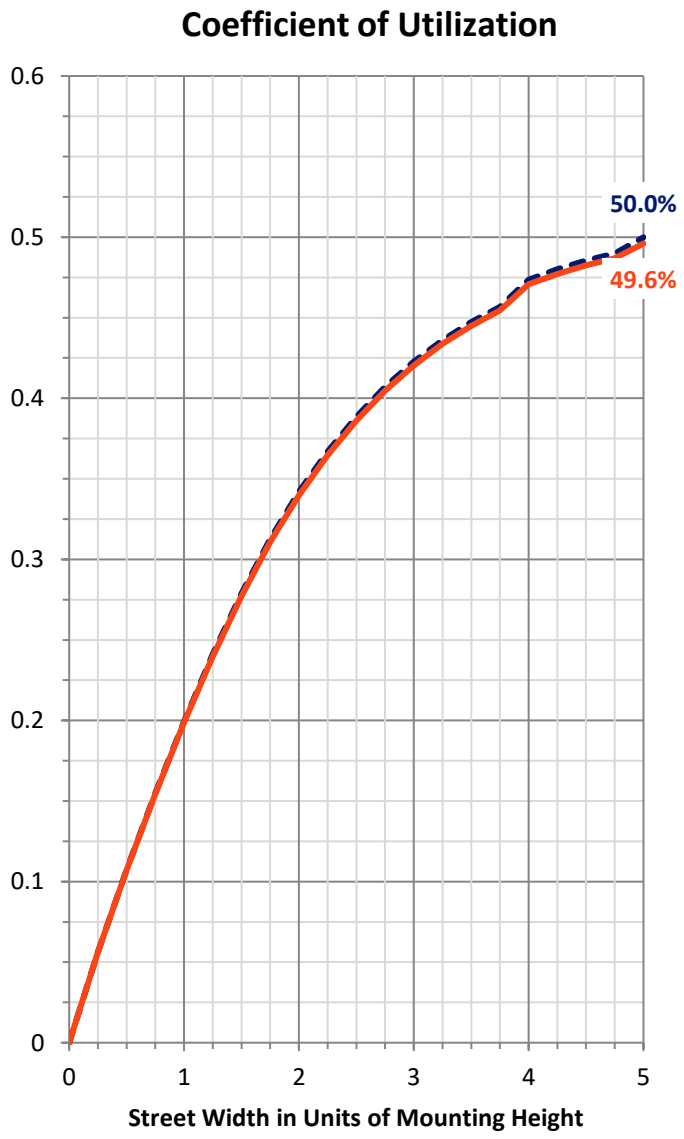
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4030.8	0.0	4030.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4030.8	0.0	4030.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	8061.6	0.0	8061.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	0.7
10°-20°	127.3	1.6
20°-30°	227.1	2.8
30°-40°	434.4	5.4
40°-50°	739.7	9.2
50°-60°	1295.0	16.1
60°-70°	2185.1	27.1
70°-80°	2548.7	31.6
80°-90°	449.6	5.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8061.6	100.0
0°-180°	8061.6	100.0



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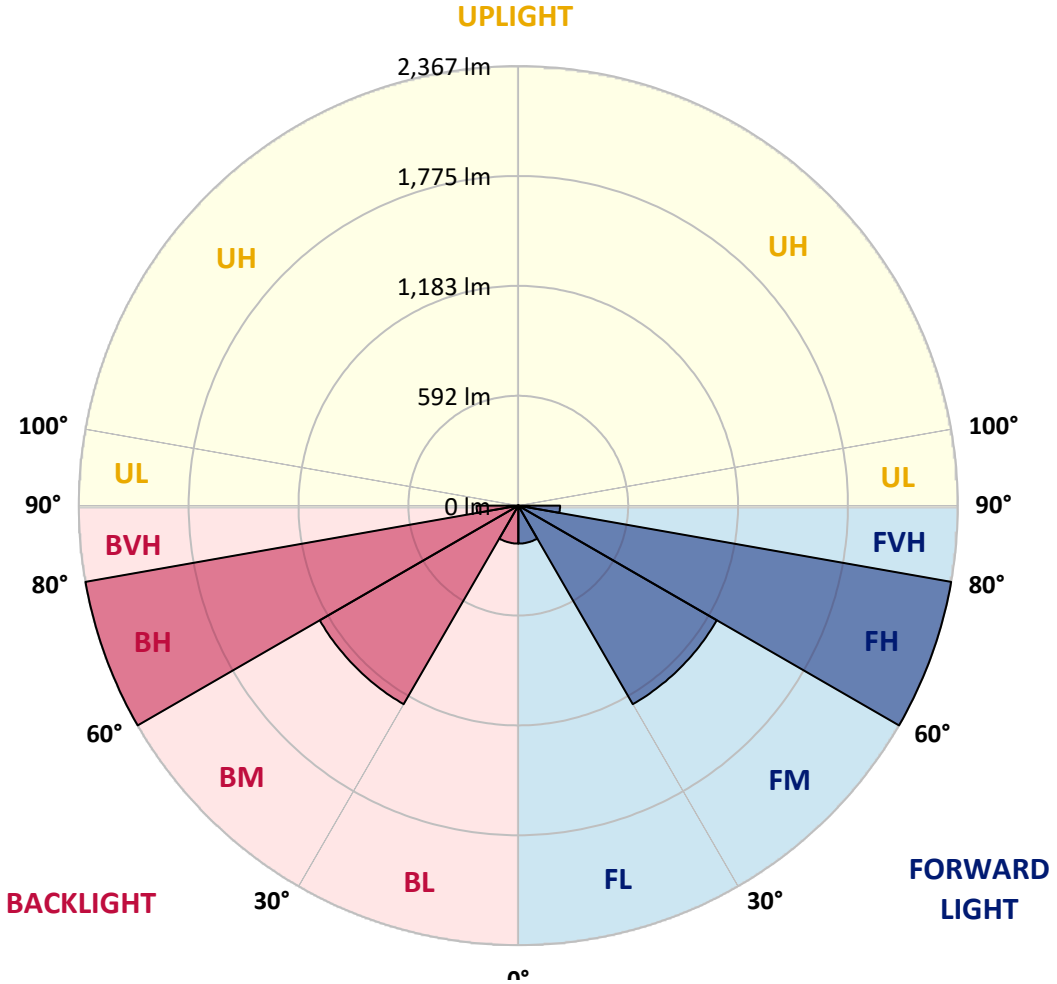
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	204.6	2.5			
FM	(30°-60°)	1234.5	15.3			
FH	(60°-80°)	2366.9	29.4			G2/5000
FVH	(80°-90°)	224.8	2.8			G2/225
BL	(0°-30°)	204.6	2.5	B1/500		
BM	(30°-60°)	1234.5	15.3	B2/2500		
BH	(60°-80°)	2366.9	29.4	B3/2500		G2/5000
BVH	(80°-90°)	224.8	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	698.0	698.0	698.0	698.0	698.0	698.0	*698.0*	698.0	698.0	698.0	698.0
2.5°	618.5	621.4	621.4	621.4	621.4	618.5	*618.5*	627.0	635.6	644.1	652.6
5°	584.5	584.5	584.5	584.5	584.5	581.6	*581.6*	581.6	581.6	581.6	581.6
7.5°	499.4	505.0	507.9	519.2	527.7	539.1	*547.6*	550.4	553.3	553.3	556.1
10°	561.8	561.8	561.8	561.8	561.8	558.9	*558.9*	553.3	550.4	544.8	539.1
12.5°	493.7	490.9	488.0	502.2	513.5	527.7	*539.1*	541.9	544.8	547.6	550.4
15°	567.5	567.5	567.5	564.6	561.8	558.9	*556.1*	536.2	516.4	493.7	473.8
17.5°	482.3	485.2	485.2	499.4	510.7	524.9	*536.2*	530.6	524.9	516.4	510.7
20°	578.8	578.8	578.8	573.1	570.3	564.6	*558.9*	524.9	490.9	454.0	419.9
22.5°	490.9	490.9	490.9	490.9	493.7	493.7	*493.7*	496.5	499.4	502.2	505.0
25°	598.7	601.5	601.5	595.8	593.0	587.3	*581.6*	553.3	522.1	493.7	462.5
27.5°	516.4	516.4	516.4	513.5	510.7	505.0	*502.2*	507.9	516.4	522.1	527.7
30°	632.7	632.7	632.7	629.9	629.9	627.0	*624.2*	595.8	564.6	536.2	505.0
32.5°	768.9	766.1	763.2	737.7	712.2	683.8	*658.3*	644.1	629.9	612.9	598.7
35°	817.1	817.1	814.3	808.6	803.0	794.4	*788.8*	760.4	732.0	703.6	675.3
37.5°	865.4	865.4	862.5	859.7	854.0	851.2	*845.5*	814.3	785.9	754.7	723.5
40°	925.0	927.8	927.8	925.0	919.3	916.4	*910.8*	876.7	845.5	811.5	777.4
42.5°	998.7	998.7	995.9	993.1	990.2	984.5	*981.7*	950.5	916.4	885.2	851.2
45°	1086.7	1086.7	1083.8	1081.0	1081.0	1078.2	*1075.3*	1047.0	1015.8	987.4	956.2
47.5°	1194.5	1191.7	1188.8	1186.0	1180.3	1177.5	*1171.8*	1140.6	1112.2	1081.0	1049.8
50°	1308.0	1308.0	1308.0	1305.2	1302.3	1296.6	*1293.8*	1265.4	1237.1	1205.8	1177.5
52.5°	1430.0	1432.8	1432.8	1432.8	1430.0	1430.0	*1427.2*	1398.8	1370.4	1339.2	1310.8
55°	1574.7	1574.7	1574.7	1574.7	1577.5	1577.5	*1577.5*	1549.2	1520.8	1492.4	1464.0
57.5°	1739.3	1750.6	1759.1	1759.1	1759.1	1759.1	*1759.1*	1730.7	1702.4	1674.0	1645.6
60°	1929.4	1932.2	1935.0	1943.5	1949.2	1957.7	*1963.4*	1937.9	1912.3	1886.8	1861.3
62.5°	2116.6	2122.3	2125.1	2136.5	2145.0	2156.3	*2164.9*	2147.8	2128.0	2110.9	2091.1
65°	2309.6	2315.2	2318.1	2332.3	2349.3	2363.5	*2377.6*	2363.5	2352.1	2337.9	2323.7
67.5°	2513.8	2519.5	2522.4	2536.5	2553.6	2567.7	*2581.9*	2576.3	2570.6	2564.9	2559.2
70°	2732.3	2735.1	2735.1	2749.3	2766.4	2780.5	*2794.7*	2791.9	2789.1	2786.2	2783.4
72.5°	*2851.5*	*2860.0*	*2868.5*	*2882.7*	*2896.9*	*2908.2*	*2922.4*	*2916.7*	*2908.2*	*2902.5*	*2894.0*
75°	2698.3	2703.9	2709.6	2732.3	2757.8	2780.5	*2803.2*	2811.8	2823.1	2831.6	2840.1
77.5°	2113.8	2139.3	2162.0	2187.6	2210.2	2235.8	*2258.5*	2306.7	2352.1	2400.3	2445.7
80°	1047.0	1061.1	1075.3	1132.1	1188.8	1245.6	*1302.3*	1387.4	1475.4	1560.5	1645.6
82.5°	252.5	252.5	252.5	283.7	312.1	343.3	*371.7*	448.3	527.7	604.3	680.9
85°	51.1	53.9	56.7	70.9	85.1	96.5	*110.7*	122.0	133.4	144.7	156.1
87.5°	8.5	8.5	8.5	8.5	11.3	11.3	*11.3*	14.2	17.0	17.0	19.9
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	655.4	661.1	663.9	666.8	669.6	672.4	675.3	678.1	680.9	680.9	683.8
5°	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	584.5	587.3	590.2
7.5°	558.9	561.8	564.6	567.5	567.5	567.5	564.6	564.6	561.8	561.8	558.9
10°	524.9	510.7	493.7	479.5	479.5	482.3	482.3	482.3	473.8	468.2	459.6
12.5°	539.1	527.7	513.5	502.2	482.3	465.3	445.5	425.6	419.9	414.2	408.6
15°	456.8	442.6	425.6	408.6	400.1	388.7	380.2	368.8	366.0	363.2	357.5
17.5°	496.5	482.3	465.3	451.1	422.8	394.4	366.0	337.6	351.8	368.8	383.0
20°	422.8	422.8	425.6	425.6	425.6	422.8	422.8	419.9	411.4	400.1	391.5
22.5°	482.3	456.8	434.1	408.6	414.2	419.9	425.6	431.3	417.1	402.9	385.9
25°	471.0	479.5	485.2	493.7	471.0	448.3	422.8	400.1	411.4	422.8	434.1
27.5°	510.7	493.7	473.8	456.8	465.3	473.8	479.5	488.0	473.8	459.6	445.5
30°	507.9	510.7	510.7	513.5	502.2	488.0	476.7	462.5	468.2	476.7	482.3
32.5°	581.6	561.8	544.8	524.9	524.9	524.9	522.1	522.1	522.1	524.9	524.9
35°	649.7	627.0	601.5	576.0	570.3	567.5	561.8	556.1	561.8	567.5	573.1
37.5°	698.0	669.6	644.1	615.7	612.9	610.0	604.3	601.5	601.5	601.5	601.5
40°	751.9	726.3	700.8	675.3	669.6	663.9	655.4	649.7	646.9	644.1	638.4
42.5°	825.7	797.3	771.7	743.4	734.9	723.5	715.0	703.6	700.8	698.0	692.3
45°	922.1	885.2	851.2	814.3	803.0	794.4	783.1	771.7	768.9	763.2	760.4
47.5°	1010.1	973.2	933.5	893.7	888.1	879.6	873.9	865.4	859.7	851.2	845.5
50°	1129.2	1078.2	1029.9	978.9	978.9	976.0	976.0	973.2	961.8	950.5	939.1
52.5°	1262.6	1211.5	1163.3	1112.2	1106.5	1103.7	1098.0	1092.4	1081.0	1069.7	1055.5
55°	1413.0	1361.9	1310.8	1259.8	1256.9	1256.9	1254.1	1251.2	1234.2	1217.2	1200.2
57.5°	1594.6	1546.3	1495.3	1444.2	1447.0	1447.0	1449.9	1449.9	1427.2	1404.5	1378.9
60°	1804.5	1747.8	1688.2	1631.4	1640.0	1651.3	1659.8	1668.3	1640.0	1611.6	1580.4
62.5°	2034.3	1974.8	1918.0	1858.4	1875.4	1892.5	1906.7	1923.7	1881.1	1838.6	1796.0
65°	2255.6	2187.6	2119.5	2051.4	2082.6	2116.6	2147.8	2179.0	2128.0	2076.9	2025.8
67.5°	2479.8	2403.2	2323.7	2244.3	2281.2	2318.1	2355.0	2391.8	2340.8	2286.9	2235.8
70°	2686.9	2590.4	2494.0	2397.5	2434.4	2471.3	2508.2	2545.0	2496.8	2448.6	2400.3
72.5°	*2797.6*	*2698.3*	*2601.8*	*2502.5*	*2539.4*	*2579.1*	*2616.0*	*2652.9*	*2593.3*	*2533.7*	*2471.3*
75°	2755.0	2667.1	2581.9	2494.0	2547.9	2601.8	2655.7	2709.6	2630.2	2547.9	2468.4
77.5°	2403.2	2363.5	2320.9	2278.3	2374.8	2471.3	2567.7	2664.2	2550.7	2434.4	2320.9
80°	1674.0	1705.2	1733.6	1762.0	1901.0	2040.0	2176.2	2315.2	2181.9	2051.4	1918.0
82.5°	768.9	856.9	942.0	1029.9	1169.0	1308.0	1444.2	1583.2	1435.7	1288.1	1137.8
85°	184.4	212.8	238.3	266.7	337.6	408.6	479.5	550.4	490.9	431.3	371.7
87.5°	22.7	25.5	25.5	28.4	25.5	25.5	22.7	19.9	22.7	22.7	25.5
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°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	683.8	686.6	686.6	689.5	689.5	689.5	689.5	686.6	686.6	686.6	689.5
5°	593.0	607.2	618.5	632.7	644.1	649.7	658.3	663.9	669.6	672.4	672.4
7.5°	556.1	550.4	541.9	536.2	527.7	539.1	553.3	564.6	576.0	578.8	581.6
10°	451.1	448.3	442.6	439.8	434.1	436.9	442.6	445.5	448.3	462.5	479.5
12.5°	402.9	405.7	408.6	411.4	414.2	405.7	397.2	385.9	377.4	391.5	405.7
15°	354.7	354.7	357.5	357.5	357.5	368.8	380.2	391.5	402.9	422.8	445.5
17.5°	397.2	391.5	385.9	377.4	371.7	374.5	374.5	377.4	377.4	388.7	397.2
20°	380.2	371.7	366.0	357.5	349.0	363.2	377.4	391.5	405.7	428.4	451.1
22.5°	371.7	388.7	402.9	419.9	434.1	425.6	417.1	405.7	397.2	397.2	397.2
25°	445.5	431.3	417.1	402.9	388.7	414.2	436.9	462.5	485.2	502.2	516.4
27.5°	431.3	442.6	454.0	462.5	473.8	488.0	502.2	516.4	530.6	556.1	578.8
30°	488.0	502.2	516.4	527.7	541.9	578.8	612.9	649.7	683.8	700.8	717.8
32.5°	524.9	553.3	578.8	607.2	632.7	652.6	672.4	692.3	712.2	729.2	749.0
35°	578.8	601.5	621.4	644.1	663.9	686.6	709.3	729.2	751.9	768.9	785.9
37.5°	601.5	627.0	652.6	675.3	700.8	729.2	754.7	783.1	808.6	822.8	834.2
40°	635.6	666.8	698.0	729.2	760.4	788.8	817.1	845.5	873.9	885.2	896.6
42.5°	689.5	723.5	757.6	788.8	822.8	854.0	882.4	913.6	942.0	953.3	964.7
45°	754.7	788.8	822.8	856.9	890.9	925.0	959.0	993.1	1027.1	1041.3	1055.5
47.5°	837.0	871.0	907.9	942.0	976.0	1018.6	1058.3	1100.9	1140.6	1151.9	1163.3
50°	927.8	961.8	995.9	1029.9	1064.0	1117.9	1169.0	1222.9	1273.9	1279.6	1288.1
52.5°	1044.1	1078.2	1109.4	1143.4	1174.6	1234.2	1293.8	1350.6	1410.1	1413.0	1418.6
55°	1183.2	1214.4	1248.4	1279.6	1310.8	1376.1	1438.5	1503.8	1566.2	1566.2	1569.0
57.5°	1356.2	1390.3	1424.3	1455.5	1489.6	1552.0	1614.4	1674.0	1736.4	1733.6	1730.7
60°	1552.0	1583.2	1611.6	1642.8	1671.2	1730.7	1793.2	1852.8	1912.3	1906.7	1898.1
62.5°	1753.4	1787.5	1821.5	1852.8	1886.8	1935.0	1986.1	2034.3	2082.6	2071.2	2059.9
65°	1974.8	2008.8	2045.7	2079.7	2113.8	2150.7	2190.4	2227.3	2264.2	2252.8	2244.3
67.5°	2181.9	2221.6	2261.3	2298.2	2337.9	2366.3	2394.7	2420.2	2448.6	2434.4	2420.2
70°	2352.1	2386.2	2420.2	2454.3	2488.3	2516.7	2545.0	2573.4	2601.8	2587.6	2573.4
72.5°	*2411.7*	*2451.4*	*2491.1*	*2528.0*	*2567.7*	*2601.8*	*2635.8*	*2669.9*	*2703.9*	*2695.4*	*2684.1*
75°	2386.2	2414.5	2442.9	2471.3	2499.7	2525.2	2553.6	2579.1	2604.6	2590.4	2576.3
77.5°	2204.6	2201.7	2196.1	2193.2	2187.6	2187.6	2190.4	2190.4	2190.4	2173.4	2156.3
80°	1784.7	1733.6	1682.5	1631.4	1580.4	1520.8	1461.2	1401.6	1342.0	1285.3	1228.5
82.5°	990.2	873.9	760.4	644.1	527.7	479.5	428.4	380.2	329.1	306.4	280.9
85°	312.1	272.4	232.7	192.9	153.2	144.7	136.2	124.8	116.3	107.8	99.3
87.5°	25.5	22.7	22.7	19.9	17.0	14.2	14.2	11.3	8.5	8.5	8.5
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°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	686.6	686.6	686.6
5°	675.3	675.3	675.3	675.3	675.3	675.3	675.3	672.4	672.4	669.6	663.9
7.5°	581.6	584.5	584.5	581.6	584.5	584.5	581.6	581.6	578.8	576.0	564.6
10°	493.7	507.9	507.9	507.9	507.9	507.9	493.7	479.5	462.5	448.3	445.5
12.5°	419.9	434.1	434.1	434.1	434.1	434.1	419.9	405.7	391.5	377.4	385.9
15°	465.3	485.2	485.2	485.2	485.2	485.2	465.3	445.5	422.8	402.9	391.5
17.5°	408.6	417.1	419.9	419.9	419.9	417.1	408.6	397.2	388.7	377.4	377.4
20°	471.0	493.7	496.5	499.4	496.5	493.7	471.0	451.1	428.4	405.7	391.5
22.5°	394.4	394.4	397.2	397.2	397.2	394.4	394.4	397.2	397.2	397.2	405.7
25°	533.4	547.6	547.6	544.8	547.6	547.6	533.4	516.4	502.2	485.2	462.5
27.5°	604.3	627.0	632.7	635.6	632.7	627.0	604.3	578.8	556.1	530.6	516.4
30°	734.9	751.9	751.9	751.9	751.9	751.9	734.9	717.8	700.8	683.8	649.7
32.5°	766.1	783.1	783.1	783.1	783.1	783.1	766.1	749.0	729.2	712.2	692.3
35°	800.1	817.1	820.0	820.0	820.0	817.1	800.1	785.9	768.9	751.9	729.2
37.5°	848.3	859.7	862.5	865.4	862.5	859.7	848.3	834.2	822.8	808.6	783.1
40°	905.1	916.4	916.4	916.4	916.4	916.4	905.1	896.6	885.2	873.9	845.5
42.5°	976.0	987.4	990.2	993.1	990.2	987.4	976.0	964.7	953.3	942.0	913.6
45°	1066.8	1081.0	1083.8	1086.7	1083.8	1081.0	1066.8	1055.5	1041.3	1027.1	993.1
47.5°	1174.6	1186.0	1186.0	1186.0	1186.0	1186.0	1174.6	1163.3	1151.9	1140.6	1100.9
50°	1293.8	1299.5	1302.3	1302.3	1302.3	1299.5	1293.8	1288.1	1279.6	1273.9	1222.9
52.5°	1421.5	1424.3	1424.3	1421.5	1424.3	1424.3	1421.5	1418.6	1413.0	1410.1	1350.6
55°	1569.0	1569.0	1566.2	1560.5	1566.2	1569.0	1569.0	1569.0	1566.2	1566.2	1503.8
57.5°	1727.9	1725.1	1725.1	1722.2	1725.1	1725.1	1727.9	1730.7	1733.6	1736.4	1674.0
60°	1892.5	1884.0	1881.1	1875.4	1881.1	1884.0	1892.5	1898.1	1906.7	1912.3	1852.8
62.5°	2048.5	2037.2	2037.2	2037.2	2037.2	2037.2	2048.5	2059.9	2071.2	2082.6	2034.3
65°	2232.9	2221.6	2215.9	2210.2	2215.9	2221.6	2232.9	2244.3	2252.8	2264.2	2227.3
67.5°	2406.0	2391.8	2386.2	2377.6	2386.2	2391.8	2406.0	2420.2	2434.4	2448.6	2420.2
70°	2556.4	2542.2	2539.4	2536.5	2539.4	2542.2	2556.4	2573.4	2587.6	2601.8	2573.4
72.5°	*2675.6*	*2664.2*	*2661.4*	*2655.7*	*2661.4*	*2664.2*	*2675.6*	*2684.1*	*2695.4*	*2703.9*	*2669.9*
75°	2562.1	2547.9	2539.4	2528.0	2539.4	2547.9	2562.1	2576.3	2590.4	2604.6	2579.1
77.5°	2139.3	2122.3	2116.6	2108.1	2116.6	2122.3	2139.3	2156.3	2173.4	2190.4	2190.4
80°	1171.8	1115.1	1100.9	1083.8	1100.9	1115.1	1171.8	1228.5	1285.3	1342.0	1401.6
82.5°	258.2	232.7	224.1	212.8	224.1	232.7	258.2	280.9	306.4	329.1	380.2
85°	88.0	79.4	73.8	68.1	73.8	79.4	88.0	99.3	107.8	116.3	124.8
87.5°	8.5	8.5	8.5	5.7	8.5	8.5	8.5	8.5	8.5	8.5	11.3
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	689.5	689.5	689.5	689.5	686.6	686.6	683.8	683.8	680.9	680.9	678.1
5°	658.3	649.7	644.1	632.7	618.5	607.2	593.0	590.2	587.3	584.5	581.6
7.5°	553.3	539.1	527.7	536.2	541.9	550.4	556.1	558.9	561.8	561.8	564.6
10°	442.6	436.9	434.1	439.8	442.6	448.3	451.1	459.6	468.2	473.8	482.3
12.5°	397.2	405.7	414.2	411.4	408.6	405.7	402.9	408.6	414.2	419.9	425.6
15°	380.2	368.8	357.5	357.5	357.5	354.7	354.7	357.5	363.2	366.0	368.8
17.5°	374.5	374.5	371.7	377.4	385.9	391.5	397.2	383.0	368.8	351.8	337.6
20°	377.4	363.2	349.0	357.5	366.0	371.7	380.2	391.5	400.1	411.4	419.9
22.5°	417.1	425.6	434.1	419.9	402.9	388.7	371.7	385.9	402.9	417.1	431.3
25°	436.9	414.2	388.7	402.9	417.1	431.3	445.5	434.1	422.8	411.4	400.1
27.5°	502.2	488.0	473.8	462.5	454.0	442.6	431.3	445.5	459.6	473.8	488.0
30°	612.9	578.8	541.9	527.7	516.4	502.2	488.0	482.3	476.7	468.2	462.5
32.5°	672.4	652.6	632.7	607.2	578.8	553.3	524.9	524.9	524.9	522.1	522.1
35°	709.3	686.6	663.9	644.1	621.4	601.5	578.8	573.1	567.5	561.8	556.1
37.5°	754.7	729.2	700.8	675.3	652.6	627.0	601.5	601.5	601.5	601.5	601.5
40°	817.1	788.8	760.4	729.2	698.0	666.8	635.6	638.4	644.1	646.9	649.7
42.5°	882.4	854.0	822.8	788.8	757.6	723.5	689.5	692.3	698.0	700.8	703.6
45°	959.0	925.0	890.9	856.9	822.8	788.8	754.7	760.4	763.2	768.9	771.7
47.5°	1058.3	1018.6	976.0	942.0	907.9	871.0	837.0	845.5	851.2	859.7	865.4
50°	1169.0	1117.9	1064.0	1029.9	995.9	961.8	927.8	939.1	950.5	961.8	973.2
52.5°	1293.8	1234.2	1174.6	1143.4	1109.4	1078.2	1044.1	1055.5	1069.7	1081.0	1092.4
55°	1438.5	1376.1	1310.8	1279.6	1248.4	1214.4	1183.2	1200.2	1217.2	1234.2	1251.2
57.5°	1614.4	1552.0	1489.6	1455.5	1424.3	1390.3	1356.2	1378.9	1404.5	1427.2	1449.9
60°	1793.2	1730.7	1671.2	1642.8	1611.6	1583.2	1552.0	1580.4	1611.6	1640.0	1668.3
62.5°	1986.1	1935.0	1886.8	1852.8	1821.5	1787.5	1753.4	1796.0	1838.6	1881.1	1923.7
65°	2190.4	2150.7	2113.8	2079.7	2045.7	2008.8	1974.8	2025.8	2076.9	2128.0	2179.0
67.5°	2394.7	2366.3	2337.9	2298.2	2261.3	2221.6	2181.9	2235.8	2286.9	2340.8	2391.8
70°	2545.0	2516.7	2488.3	2454.3	2420.2	2386.2	2352.1	2400.3	2448.6	2496.8	2545.0
72.5°	*2635.8*	*2601.8*	*2567.7*	*2528.0*	*2491.1*	*2451.4*	*2411.7*	*2471.3*	*2533.7*	*2593.3*	*2652.9*
75°	2553.6	2525.2	2499.7	2471.3	2442.9	2414.5	2386.2	2468.4	2547.9	2630.2	2709.6
77.5°	2190.4	2187.6	2187.6	2193.2	2196.1	2201.7	2204.6	2320.9	2434.4	2550.7	2664.2
80°	1461.2	1520.8	1580.4	1631.4	1682.5	1733.6	1784.7	1918.0	2051.4	2181.9	2315.2
82.5°	428.4	479.5	527.7	644.1	760.4	873.9	990.2	1137.8	1288.1	1435.7	1583.2
85°	136.2	144.7	153.2	192.9	232.7	272.4	312.1	371.7	431.3	490.9	550.4
87.5°	14.2	14.2	17.0	19.9	22.7	22.7	25.5	25.5	22.7	22.7	19.9
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	675.3	672.4	669.6	666.8	663.9	661.1	655.4	652.6	644.1	635.6	627.0
5°	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6
7.5°	564.6	567.5	567.5	567.5	564.6	561.8	558.9	556.1	553.3	553.3	550.4
10°	482.3	482.3	479.5	479.5	493.7	510.7	524.9	539.1	544.8	550.4	553.3
12.5°	445.5	465.3	482.3	502.2	513.5	527.7	539.1	550.4	547.6	544.8	541.9
15°	380.2	388.7	400.1	408.6	425.6	442.6	456.8	473.8	493.7	516.4	536.2
17.5°	366.0	394.4	422.8	451.1	465.3	482.3	496.5	510.7	516.4	524.9	530.6
20°	422.8	422.8	425.6	425.6	425.6	422.8	422.8	419.9	454.0	490.9	524.9
22.5°	425.6	419.9	414.2	408.6	434.1	456.8	482.3	505.0	502.2	499.4	496.5
25°	422.8	448.3	471.0	493.7	485.2	479.5	471.0	462.5	493.7	522.1	553.3
27.5°	479.5	473.8	465.3	456.8	473.8	493.7	510.7	527.7	522.1	516.4	507.9
30°	476.7	488.0	502.2	513.5	510.7	510.7	507.9	505.0	536.2	564.6	595.8
32.5°	522.1	524.9	524.9	524.9	544.8	561.8	581.6	598.7	612.9	629.9	644.1
35°	561.8	567.5	570.3	576.0	601.5	627.0	649.7	675.3	703.6	732.0	760.4
37.5°	604.3	610.0	612.9	615.7	644.1	669.6	698.0	723.5	754.7	785.9	814.3
40°	655.4	663.9	669.6	675.3	700.8	726.3	751.9	777.4	811.5	845.5	876.7
42.5°	715.0	723.5	734.9	743.4	771.7	797.3	825.7	851.2	885.2	916.4	950.5
45°	783.1	794.4	803.0	814.3	851.2	885.2	922.1	956.2	987.4	1015.8	1047.0
47.5°	873.9	879.6	888.1	893.7	933.5	973.2	1010.1	1049.8	1081.0	1112.2	1140.6
50°	976.0	976.0	978.9	978.9	1029.9	1078.2	1129.2	1177.5	1205.8	1237.1	1265.4
52.5°	1098.0	1103.7	1106.5	1112.2	1163.3	1211.5	1262.6	1310.8	1339.2	1370.4	1398.8
55°	1254.1	1256.9	1256.9	1259.8	1310.8	1361.9	1413.0	1464.0	1492.4	1520.8	1549.2
57.5°	1449.9	1447.0	1447.0	1444.2	1495.3	1546.3	1594.6	1645.6	1674.0	1702.4	1730.7
60°	1659.8	1651.3	1640.0	1631.4	1688.2	1747.8	1804.5	1861.3	1886.8	1912.3	1937.9
62.5°	1906.7	1892.5	1875.4	1858.4	1918.0	1974.8	2034.3	2091.1	2110.9	2128.0	2147.8
65°	2147.8	2116.6	2082.6	2051.4	2119.5	2187.6	2255.6	2323.7	2337.9	2352.1	2363.5
67.5°	2355.0	2318.1	2281.2	2244.3	2323.7	2403.2	2479.8	2559.2	2564.9	2570.6	2576.3
70°	2508.2	2471.3	2434.4	2397.5	2494.0	2590.4	2686.9	2783.4	2786.2	2789.1	2791.9
72.5°	*2616.0*	*2579.1*	*2539.4*	*2502.5*	*2601.8*	*2698.3*	*2797.6*	*2894.0*	*2902.5*	*2908.2*	*2916.7*
75°	2655.7	2601.8	2547.9	2494.0	2581.9	2667.1	2755.0	2840.1	2831.6	2823.1	2811.8
77.5°	2567.7	2471.3	2374.8	2278.3	2320.9	2363.5	2403.2	2445.7	2400.3	2352.1	2306.7
80°	2176.2	2040.0	1901.0	1762.0	1733.6	1705.2	1674.0	1645.6	1560.5	1475.4	1387.4
82.5°	1444.2	1308.0	1169.0	1029.9	942.0	856.9	768.9	680.9	604.3	527.7	448.3
85°	479.5	408.6	337.6	266.7	238.3	212.8	184.4	156.1	144.7	133.4	122.0
87.5°	22.7	25.5	25.5	28.4	25.5	25.5	22.7	19.9	17.0	17.0	14.2
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	618.5	618.5	621.4	621.4	621.4	621.4	618.5	621.4	621.4	621.4	621.4
5°	581.6	581.6	584.5	584.5	584.5	584.5	584.5	584.5	584.5	584.5	584.5
7.5°	547.6	539.1	527.7	519.2	507.9	505.0	499.4	505.0	507.9	519.2	527.7
10°	558.9	558.9	561.8	561.8	561.8	561.8	561.8	561.8	561.8	561.8	561.8
12.5°	539.1	527.7	513.5	502.2	488.0	490.9	493.7	490.9	488.0	502.2	513.5
15°	556.1	558.9	561.8	564.6	567.5	567.5	567.5	567.5	567.5	564.6	561.8
17.5°	536.2	524.9	510.7	499.4	485.2	485.2	482.3	485.2	485.2	499.4	510.7
20°	558.9	564.6	570.3	573.1	578.8	578.8	578.8	578.8	578.8	573.1	570.3
22.5°	493.7	493.7	493.7	490.9	490.9	490.9	490.9	490.9	490.9	490.9	493.7
25°	581.6	587.3	593.0	595.8	601.5	601.5	598.7	601.5	601.5	595.8	593.0
27.5°	502.2	505.0	510.7	513.5	516.4	516.4	516.4	516.4	516.4	513.5	510.7
30°	624.2	627.0	629.9	629.9	632.7	632.7	632.7	632.7	632.7	629.9	629.9
32.5°	658.3	683.8	712.2	737.7	763.2	766.1	768.9	766.1	763.2	737.7	712.2
35°	788.8	794.4	803.0	808.6	814.3	817.1	817.1	817.1	814.3	808.6	803.0
37.5°	845.5	851.2	854.0	859.7	862.5	865.4	865.4	865.4	862.5	859.7	854.0
40°	910.8	916.4	919.3	925.0	927.8	927.8	925.0	927.8	927.8	925.0	919.3
42.5°	981.7	984.5	990.2	993.1	995.9	998.7	998.7	998.7	995.9	993.1	990.2
45°	1075.3	1078.2	1081.0	1081.0	1083.8	1086.7	1086.7	1086.7	1083.8	1081.0	1081.0
47.5°	1171.8	1177.5	1180.3	1186.0	1188.8	1191.7	1194.5	1191.7	1188.8	1186.0	1180.3
50°	1293.8	1296.6	1302.3	1305.2	1308.0	1308.0	1308.0	1308.0	1308.0	1305.2	1302.3
52.5°	1427.2	1430.0	1430.0	1432.8	1432.8	1432.8	1430.0	1432.8	1432.8	1432.8	1430.0
55°	1577.5	1577.5	1577.5	1574.7	1574.7	1574.7	1574.7	1574.7	1574.7	1574.7	1577.5
57.5°	1759.1	1759.1	1759.1	1759.1	1759.1	1750.6	1739.3	1750.6	1759.1	1759.1	1759.1
60°	1963.4	1957.7	1949.2	1943.5	1935.0	1932.2	1929.4	1932.2	1935.0	1943.5	1949.2
62.5°	2164.9	2156.3	2145.0	2136.5	2125.1	2122.3	2116.6	2122.3	2125.1	2136.5	2145.0
65°	2377.6	2363.5	2349.3	2332.3	2318.1	2315.2	2309.6	2315.2	2318.1	2332.3	2349.3
67.5°	2581.9	2567.7	2553.6	2536.5	2522.4	2519.5	2513.8	2519.5	2522.4	2536.5	2553.6
70°	2794.7	2780.5	2766.4	2749.3	2735.1	2735.1	2732.3	2735.1	2735.1	2749.3	2766.4
72.5°	*2922.4*	*2908.2*	*2896.9*	*2882.7*	*2868.5*	*2860.0*	*2851.5*	*2860.0*	*2868.5*	*2882.7*	*2896.9*
75°	2803.2	2780.5	2757.8	2732.3	2709.6	2703.9	2698.3	2703.9	2709.6	2732.3	2757.8
77.5°	2258.5	2235.8	2210.2	2187.6	2162.0	2139.3	2113.8	2139.3	2162.0	2187.6	2210.2
80°	1302.3	1245.6	1188.8	1132.1	1075.3	1061.1	1047.0	1061.1	1075.3	1132.1	1188.8
82.5°	371.7	343.3	312.1	283.7	252.5	252.5	252.5	252.5	252.5	283.7	312.1
85°	110.7	96.5	85.1	70.9	56.7	53.9	51.1	53.9	56.7	70.9	85.1
87.5°	11.3	11.3	11.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	11.3
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	618.5	618.5	627.0	635.6	644.1	652.6	655.4	661.1	663.9	666.8	669.6
5°	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6
7.5°	539.1	547.6	550.4	553.3	553.3	556.1	558.9	561.8	564.6	567.5	567.5
10°	558.9	558.9	553.3	550.4	544.8	539.1	524.9	510.7	493.7	479.5	479.5
12.5°	527.7	539.1	541.9	544.8	547.6	550.4	539.1	527.7	513.5	502.2	482.3
15°	558.9	556.1	536.2	516.4	493.7	473.8	456.8	442.6	425.6	408.6	400.1
17.5°	524.9	536.2	530.6	524.9	516.4	510.7	496.5	482.3	465.3	451.1	422.8
20°	564.6	558.9	524.9	490.9	454.0	419.9	422.8	422.8	425.6	425.6	425.6
22.5°	493.7	493.7	496.5	499.4	502.2	505.0	482.3	456.8	434.1	408.6	414.2
25°	587.3	581.6	553.3	522.1	493.7	462.5	471.0	479.5	485.2	493.7	471.0
27.5°	505.0	502.2	507.9	516.4	522.1	527.7	510.7	493.7	473.8	456.8	465.3
30°	627.0	624.2	595.8	564.6	536.2	505.0	507.9	510.7	510.7	513.5	502.2
32.5°	683.8	658.3	644.1	629.9	612.9	598.7	581.6	561.8	544.8	524.9	524.9
35°	794.4	788.8	760.4	732.0	703.6	675.3	649.7	627.0	601.5	576.0	570.3
37.5°	851.2	845.5	814.3	785.9	754.7	723.5	698.0	669.6	644.1	615.7	612.9
40°	916.4	910.8	876.7	845.5	811.5	777.4	751.9	726.3	700.8	675.3	669.6
42.5°	984.5	981.7	950.5	916.4	885.2	851.2	825.7	797.3	771.7	743.4	734.9
45°	1078.2	1075.3	1047.0	1015.8	987.4	956.2	922.1	885.2	851.2	814.3	803.0
47.5°	1177.5	1171.8	1140.6	1112.2	1081.0	1049.8	1010.1	973.2	933.5	893.7	888.1
50°	1296.6	1293.8	1265.4	1237.1	1205.8	1177.5	1129.2	1078.2	1029.9	978.9	978.9
52.5°	1430.0	1427.2	1398.8	1370.4	1339.2	1310.8	1262.6	1211.5	1163.3	1112.2	1106.5
55°	1577.5	1577.5	1549.2	1520.8	1492.4	1464.0	1413.0	1361.9	1310.8	1259.8	1256.9
57.5°	1759.1	1759.1	1730.7	1702.4	1674.0	1645.6	1594.6	1546.3	1495.3	1444.2	1447.0
60°	1957.7	1963.4	1937.9	1912.3	1886.8	1861.3	1804.5	1747.8	1688.2	1631.4	1640.0
62.5°	2156.3	2164.9	2147.8	2128.0	2110.9	2091.1	2034.3	1974.8	1918.0	1858.4	1875.4
65°	2363.5	2377.6	2363.5	2352.1	2337.9	2323.7	2255.6	2187.6	2119.5	2051.4	2082.6
67.5°	2567.7	2581.9	2576.3	2570.6	2564.9	2559.2	2479.8	2403.2	2323.7	2244.3	2281.2
70°	2780.5	2794.7	2791.9	2789.1	2786.2	2783.4	2686.9	2590.4	2494.0	2397.5	2434.4
72.5°	*2908.2*	*2922.4*	*2916.7*	*2908.2*	*2902.5*	*2894.0*	*2797.6*	*2698.3*	*2601.8*	*2502.5*	*2539.4*
75°	2780.5	2803.2	2811.8	2823.1	2831.6	2840.1	2755.0	2667.1	2581.9	2494.0	2547.9
77.5°	2235.8	2258.5	2306.7	2352.1	2400.3	2445.7	2403.2	2363.5	2320.9	2278.3	2374.8
80°	1245.6	1302.3	1387.4	1475.4	1560.5	1645.6	1674.0	1705.2	1733.6	1762.0	1901.0
82.5°	343.3	371.7	448.3	527.7	604.3	680.9	768.9	856.9	942.0	1029.9	1169.0
85°	96.5	110.7	122.0	133.4	144.7	156.1	184.4	212.8	238.3	266.7	337.6
87.5°	11.3	11.3	14.2	17.0	17.0	19.9	22.7	25.5	25.5	28.4	25.5
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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	672.4	675.3	678.1	680.9	680.9	683.8	683.8	686.6	686.6	689.5	689.5
5°	581.6	581.6	581.6	584.5	587.3	590.2	593.0	607.2	618.5	632.7	644.1
7.5°	567.5	564.6	564.6	561.8	561.8	558.9	556.1	550.4	541.9	536.2	527.7
10°	482.3	482.3	482.3	473.8	468.2	459.6	451.1	448.3	442.6	439.8	434.1
12.5°	465.3	445.5	425.6	419.9	414.2	408.6	402.9	405.7	408.6	411.4	414.2
15°	388.7	380.2	368.8	366.0	363.2	357.5	354.7	354.7	357.5	357.5	357.5
17.5°	394.4	366.0	337.6	351.8	368.8	383.0	397.2	391.5	385.9	377.4	371.7
20°	422.8	422.8	419.9	411.4	400.1	391.5	380.2	371.7	366.0	357.5	349.0
22.5°	419.9	425.6	431.3	417.1	402.9	385.9	371.7	388.7	402.9	419.9	434.1
25°	448.3	422.8	400.1	411.4	422.8	434.1	445.5	431.3	417.1	402.9	388.7
27.5°	473.8	479.5	488.0	473.8	459.6	445.5	431.3	442.6	454.0	462.5	473.8
30°	488.0	476.7	462.5	468.2	476.7	482.3	488.0	502.2	516.4	527.7	541.9
32.5°	524.9	522.1	522.1	522.1	524.9	524.9	524.9	553.3	578.8	607.2	632.7
35°	567.5	561.8	556.1	561.8	567.5	573.1	578.8	601.5	621.4	644.1	663.9
37.5°	610.0	604.3	601.5	601.5	601.5	601.5	601.5	627.0	652.6	675.3	700.8
40°	663.9	655.4	649.7	646.9	644.1	638.4	635.6	666.8	698.0	729.2	760.4
42.5°	723.5	715.0	703.6	700.8	698.0	692.3	689.5	723.5	757.6	788.8	822.8
45°	794.4	783.1	771.7	768.9	763.2	760.4	754.7	788.8	822.8	856.9	890.9
47.5°	879.6	873.9	865.4	859.7	851.2	845.5	837.0	871.0	907.9	942.0	976.0
50°	976.0	976.0	973.2	961.8	950.5	939.1	927.8	961.8	995.9	1029.9	1064.0
52.5°	1103.7	1098.0	1092.4	1081.0	1069.7	1055.5	1044.1	1078.2	1109.4	1143.4	1174.6
55°	1256.9	1254.1	1251.2	1234.2	1217.2	1200.2	1183.2	1214.4	1248.4	1279.6	1310.8
57.5°	1447.0	1449.9	1449.9	1427.2	1404.5	1378.9	1356.2	1390.3	1424.3	1455.5	1489.6
60°	1651.3	1659.8	1668.3	1640.0	1611.6	1580.4	1552.0	1583.2	1611.6	1642.8	1671.2
62.5°	1892.5	1906.7	1923.7	1881.1	1838.6	1796.0	1753.4	1787.5	1821.5	1852.8	1886.8
65°	2116.6	2147.8	2179.0	2128.0	2076.9	2025.8	1974.8	2008.8	2045.7	2079.7	2113.8
67.5°	2318.1	2355.0	2391.8	2340.8	2286.9	2235.8	2181.9	2221.6	2261.3	2298.2	2337.9
70°	2471.3	2508.2	2545.0	2496.8	2448.6	2400.3	2352.1	2386.2	2420.2	2454.3	2488.3
72.5°	*2579.1*	*2616.0*	*2652.9*	*2593.3*	*2533.7*	*2471.3*	*2411.7*	*2451.4*	*2491.1*	*2528.0*	*2567.7*
75°	2601.8	2655.7	2709.6	2630.2	2547.9	2468.4	2386.2	2414.5	2442.9	2471.3	2499.7
77.5°	2471.3	2567.7	2664.2	2550.7	2434.4	2320.9	2204.6	2201.7	2196.1	2193.2	2187.6
80°	2040.0	2176.2	2315.2	2181.9	2051.4	1918.0	1784.7	1733.6	1682.5	1631.4	1580.4
82.5°	1308.0	1444.2	1583.2	1435.7	1288.1	1137.8	990.2	873.9	760.4	644.1	527.7
85°	408.6	479.5	550.4	490.9	431.3	371.7	312.1	272.4	232.7	192.9	153.2
87.5°	25.5	22.7	19.9	22.7	22.7	25.5	25.5	22.7	22.7	19.9	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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	689.5	689.5	686.6	686.6	686.6	689.5	689.5	689.5	689.5	689.5	689.5
5°	649.7	658.3	663.9	669.6	672.4	672.4	675.3	675.3	675.3	675.3	675.3
7.5°	539.1	553.3	564.6	576.0	578.8	581.6	581.6	584.5	584.5	581.6	584.5
10°	436.9	442.6	445.5	448.3	462.5	479.5	493.7	507.9	507.9	507.9	507.9
12.5°	405.7	397.2	385.9	377.4	391.5	405.7	419.9	434.1	434.1	434.1	434.1
15°	368.8	380.2	391.5	402.9	422.8	445.5	465.3	485.2	485.2	485.2	485.2
17.5°	374.5	374.5	377.4	377.4	388.7	397.2	408.6	417.1	419.9	419.9	419.9
20°	363.2	377.4	391.5	405.7	428.4	451.1	471.0	493.7	496.5	499.4	496.5
22.5°	425.6	417.1	405.7	397.2	397.2	397.2	394.4	394.4	397.2	397.2	397.2
25°	414.2	436.9	462.5	485.2	502.2	516.4	533.4	547.6	547.6	544.8	547.6
27.5°	488.0	502.2	516.4	530.6	556.1	578.8	604.3	627.0	632.7	635.6	632.7
30°	578.8	612.9	649.7	683.8	700.8	717.8	734.9	751.9	751.9	751.9	751.9
32.5°	652.6	672.4	692.3	712.2	729.2	749.0	766.1	783.1	783.1	783.1	783.1
35°	686.6	709.3	729.2	751.9	768.9	785.9	800.1	817.1	820.0	820.0	820.0
37.5°	729.2	754.7	783.1	808.6	822.8	834.2	848.3	859.7	862.5	865.4	862.5
40°	788.8	817.1	845.5	873.9	885.2	896.6	905.1	916.4	916.4	916.4	916.4
42.5°	854.0	882.4	913.6	942.0	953.3	964.7	976.0	987.4	990.2	993.1	990.2
45°	925.0	959.0	993.1	1027.1	1041.3	1055.5	1066.8	1081.0	1083.8	1086.7	1083.8
47.5°	1018.6	1058.3	1100.9	1140.6	1151.9	1163.3	1174.6	1186.0	1186.0	1186.0	1186.0
50°	1117.9	1169.0	1222.9	1273.9	1279.6	1288.1	1293.8	1299.5	1302.3	1302.3	1302.3
52.5°	1234.2	1293.8	1350.6	1410.1	1413.0	1418.6	1421.5	1424.3	1424.3	1421.5	1424.3
55°	1376.1	1438.5	1503.8	1566.2	1566.2	1569.0	1569.0	1569.0	1566.2	1560.5	1566.2
57.5°	1552.0	1614.4	1674.0	1736.4	1733.6	1730.7	1727.9	1725.1	1725.1	1722.2	1725.1
60°	1730.7	1793.2	1852.8	1912.3	1906.7	1898.1	1892.5	1884.0	1881.1	1875.4	1881.1
62.5°	1935.0	1986.1	2034.3	2082.6	2071.2	2059.9	2048.5	2037.2	2037.2	2037.2	2037.2
65°	2150.7	2190.4	2227.3	2264.2	2252.8	2244.3	2232.9	2221.6	2215.9	2210.2	2215.9
67.5°	2366.3	2394.7	2420.2	2448.6	2434.4	2420.2	2406.0	2391.8	2386.2	2377.6	2386.2
70°	2516.7	2545.0	2573.4	2601.8	2587.6	2573.4	2556.4	2542.2	2539.4	2536.5	2539.4
72.5°	*2601.8*	*2635.8*	*2669.9*	*2703.9*	*2695.4*	*2684.1*	*2675.6*	*2664.2*	*2661.4*	*2655.7*	*2661.4*
75°	2525.2	2553.6	2579.1	2604.6	2590.4	2576.3	2562.1	2547.9	2539.4	2528.0	2539.4
77.5°	2187.6	2190.4	2190.4	2190.4	2173.4	2156.3	2139.3	2122.3	2116.6	2108.1	2116.6
80°	1520.8	1461.2	1401.6	1342.0	1285.3	1228.5	1171.8	1115.1	1100.9	1083.8	1100.9
82.5°	479.5	428.4	380.2	329.1	306.4	280.9	258.2	232.7	224.1	212.8	224.1
85°	144.7	136.2	124.8	116.3	107.8	99.3	88.0	79.4	73.8	68.1	73.8
87.5°	14.2	14.2	11.3	8.5	8.5	8.5	8.5	8.5	8.5	5.7	8.5
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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	689.5	689.5	689.5	686.6	686.6	686.6	689.5	689.5	689.5	689.5	686.6
5°	675.3	675.3	672.4	672.4	669.6	663.9	658.3	649.7	644.1	632.7	618.5
7.5°	584.5	581.6	581.6	578.8	576.0	564.6	553.3	539.1	527.7	536.2	541.9
10°	507.9	493.7	479.5	462.5	448.3	445.5	442.6	436.9	434.1	439.8	442.6
12.5°	434.1	419.9	405.7	391.5	377.4	385.9	397.2	405.7	414.2	411.4	408.6
15°	485.2	465.3	445.5	422.8	402.9	391.5	380.2	368.8	357.5	357.5	357.5
17.5°	417.1	408.6	397.2	388.7	377.4	377.4	374.5	374.5	371.7	377.4	385.9
20°	493.7	471.0	451.1	428.4	405.7	391.5	377.4	363.2	349.0	357.5	366.0
22.5°	394.4	394.4	397.2	397.2	397.2	405.7	417.1	425.6	434.1	419.9	402.9
25°	547.6	533.4	516.4	502.2	485.2	462.5	436.9	414.2	388.7	402.9	417.1
27.5°	627.0	604.3	578.8	556.1	530.6	516.4	502.2	488.0	473.8	462.5	454.0
30°	751.9	734.9	717.8	700.8	683.8	649.7	612.9	578.8	541.9	527.7	516.4
32.5°	783.1	766.1	749.0	729.2	712.2	692.3	672.4	652.6	632.7	607.2	578.8
35°	817.1	800.1	785.9	768.9	751.9	729.2	709.3	686.6	663.9	644.1	621.4
37.5°	859.7	848.3	834.2	822.8	808.6	783.1	754.7	729.2	700.8	675.3	652.6
40°	916.4	905.1	896.6	885.2	873.9	845.5	817.1	788.8	760.4	729.2	698.0
42.5°	987.4	976.0	964.7	953.3	942.0	913.6	882.4	854.0	822.8	788.8	757.6
45°	1081.0	1066.8	1055.5	1041.3	1027.1	993.1	959.0	925.0	890.9	856.9	822.8
47.5°	1186.0	1174.6	1163.3	1151.9	1140.6	1100.9	1058.3	1018.6	976.0	942.0	907.9
50°	1299.5	1293.8	1288.1	1279.6	1273.9	1222.9	1169.0	1117.9	1064.0	1029.9	995.9
52.5°	1424.3	1421.5	1418.6	1413.0	1410.1	1350.6	1293.8	1234.2	1174.6	1143.4	1109.4
55°	1569.0	1569.0	1569.0	1566.2	1566.2	1503.8	1438.5	1376.1	1310.8	1279.6	1248.4
57.5°	1725.1	1727.9	1730.7	1733.6	1736.4	1674.0	1614.4	1552.0	1489.6	1455.5	1424.3
60°	1884.0	1892.5	1898.1	1906.7	1912.3	1852.8	1793.2	1730.7	1671.2	1642.8	1611.6
62.5°	2037.2	2048.5	2059.9	2071.2	2082.6	2034.3	1986.1	1935.0	1886.8	1852.8	1821.5
65°	2221.6	2232.9	2244.3	2252.8	2264.2	2227.3	2190.4	2150.7	2113.8	2079.7	2045.7
67.5°	2391.8	2406.0	2420.2	2434.4	2448.6	2420.2	2394.7	2366.3	2337.9	2298.2	2261.3
70°	2542.2	2556.4	2573.4	2587.6	2601.8	2573.4	2545.0	2516.7	2488.3	2454.3	2420.2
72.5°	*2664.2*	*2675.6*	*2684.1*	*2695.4*	*2703.9*	*2669.9*	*2635.8*	*2601.8*	*2567.7*	*2528.0*	*2491.1*
75°	2547.9	2562.1	2576.3	2590.4	2604.6	2579.1	2553.6	2525.2	2499.7	2471.3	2442.9
77.5°	2122.3	2139.3	2156.3	2173.4	2190.4	2190.4	2190.4	2187.6	2187.6	2193.2	2196.1
80°	1115.1	1171.8	1228.5	1285.3	1342.0	1401.6	1461.2	1520.8	1580.4	1631.4	1682.5
82.5°	232.7	258.2	280.9	306.4	329.1	380.2	428.4	479.5	527.7	644.1	760.4
85°	79.4	88.0	99.3	107.8	116.3	124.8	136.2	144.7	153.2	192.9	232.7
87.5°	8.5	8.5	8.5	8.5	8.5	11.3	14.2	14.2	17.0	19.9	22.7
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	686.6	683.8	683.8	680.9	680.9	678.1	675.3	672.4	669.6	666.8	663.9
5°	607.2	593.0	590.2	587.3	584.5	581.6	581.6	581.6	581.6	581.6	581.6
7.5°	550.4	556.1	558.9	561.8	561.8	564.6	564.6	567.5	567.5	567.5	564.6
10°	448.3	451.1	459.6	468.2	473.8	482.3	482.3	482.3	479.5	479.5	493.7
12.5°	405.7	402.9	408.6	414.2	419.9	425.6	445.5	465.3	482.3	502.2	513.5
15°	354.7	354.7	357.5	363.2	366.0	368.8	380.2	388.7	400.1	408.6	425.6
17.5°	391.5	397.2	383.0	368.8	351.8	337.6	366.0	394.4	422.8	451.1	465.3
20°	371.7	380.2	391.5	400.1	411.4	419.9	422.8	422.8	425.6	425.6	425.6
22.5°	388.7	371.7	385.9	402.9	417.1	431.3	425.6	419.9	414.2	408.6	434.1
25°	431.3	445.5	434.1	422.8	411.4	400.1	422.8	448.3	471.0	493.7	485.2
27.5°	442.6	431.3	445.5	459.6	473.8	488.0	479.5	473.8	465.3	456.8	473.8
30°	502.2	488.0	482.3	476.7	468.2	462.5	476.7	488.0	502.2	513.5	510.7
32.5°	553.3	524.9	524.9	524.9	522.1	522.1	522.1	524.9	524.9	524.9	544.8
35°	601.5	578.8	573.1	567.5	561.8	556.1	561.8	567.5	570.3	576.0	601.5
37.5°	627.0	601.5	601.5	601.5	601.5	601.5	604.3	610.0	612.9	615.7	644.1
40°	666.8	635.6	638.4	644.1	646.9	649.7	655.4	663.9	669.6	675.3	700.8
42.5°	723.5	689.5	692.3	698.0	700.8	703.6	715.0	723.5	734.9	743.4	771.7
45°	788.8	754.7	760.4	763.2	768.9	771.7	783.1	794.4	803.0	814.3	851.2
47.5°	871.0	837.0	845.5	851.2	859.7	865.4	873.9	879.6	888.1	893.7	933.5
50°	961.8	927.8	939.1	950.5	961.8	973.2	976.0	976.0	978.9	978.9	1029.9
52.5°	1078.2	1044.1	1055.5	1069.7	1081.0	1092.4	1098.0	1103.7	1106.5	1112.2	1163.3
55°	1214.4	1183.2	1200.2	1217.2	1234.2	1251.2	1254.1	1256.9	1256.9	1259.8	1310.8
57.5°	1390.3	1356.2	1378.9	1404.5	1427.2	1449.9	1449.9	1447.0	1447.0	1444.2	1495.3
60°	1583.2	1552.0	1580.4	1611.6	1640.0	1668.3	1659.8	1651.3	1640.0	1631.4	1688.2
62.5°	1787.5	1753.4	1796.0	1838.6	1881.1	1923.7	1906.7	1892.5	1875.4	1858.4	1918.0
65°	2008.8	1974.8	2025.8	2076.9	2128.0	2179.0	2147.8	2116.6	2082.6	2051.4	2119.5
67.5°	2221.6	2181.9	2235.8	2286.9	2340.8	2391.8	2355.0	2318.1	2281.2	2244.3	2323.7
70°	2386.2	2352.1	2400.3	2448.6	2496.8	2545.0	2508.2	2471.3	2434.4	2397.5	2494.0
72.5°	*2451.4*	*2411.7*	*2471.3*	*2533.7*	*2593.3*	*2652.9*	*2616.0*	*2579.1*	*2539.4*	*2502.5*	*2601.8*
75°	2414.5	2386.2	2468.4	2547.9	2630.2	2709.6	2655.7	2601.8	2547.9	2494.0	2581.9
77.5°	2201.7	2204.6	2320.9	2434.4	2550.7	2664.2	2567.7	2471.3	2374.8	2278.3	2320.9
80°	1733.6	1784.7	1918.0	2051.4	2181.9	2315.2	2176.2	2040.0	1901.0	1762.0	1733.6
82.5°	873.9	990.2	1137.8	1288.1	1435.7	1583.2	1444.2	1308.0	1169.0	1029.9	942.0
85°	272.4	312.1	371.7	431.3	490.9	550.4	479.5	408.6	337.6	266.7	238.3
87.5°	22.7	25.5	25.5	22.7	22.7	19.9	22.7	25.5	25.5	28.4	25.5
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0
2.5°	661.1	655.4	652.6	644.1	635.6	627.0	618.5	618.5	621.4	621.4	621.4
5°	581.6	581.6	581.6	581.6	581.6	581.6	581.6	581.6	584.5	584.5	584.5
7.5°	561.8	558.9	556.1	553.3	553.3	550.4	547.6	539.1	527.7	519.2	507.9
10°	510.7	524.9	539.1	544.8	550.4	553.3	558.9	558.9	561.8	561.8	561.8
12.5°	527.7	539.1	550.4	547.6	544.8	541.9	539.1	527.7	513.5	502.2	488.0
15°	442.6	456.8	473.8	493.7	516.4	536.2	556.1	558.9	561.8	564.6	567.5
17.5°	482.3	496.5	510.7	516.4	524.9	530.6	536.2	524.9	510.7	499.4	485.2
20°	422.8	422.8	419.9	454.0	490.9	524.9	558.9	564.6	570.3	573.1	578.8
22.5°	456.8	482.3	505.0	502.2	499.4	496.5	493.7	493.7	493.7	490.9	490.9
25°	479.5	471.0	462.5	493.7	522.1	553.3	581.6	587.3	593.0	595.8	601.5
27.5°	493.7	510.7	527.7	522.1	516.4	507.9	502.2	505.0	510.7	513.5	516.4
30°	510.7	507.9	505.0	536.2	564.6	595.8	624.2	627.0	629.9	629.9	632.7
32.5°	561.8	581.6	598.7	612.9	629.9	644.1	658.3	683.8	712.2	737.7	763.2
35°	627.0	649.7	675.3	703.6	732.0	760.4	788.8	794.4	803.0	808.6	814.3
37.5°	669.6	698.0	723.5	754.7	785.9	814.3	845.5	851.2	854.0	859.7	862.5
40°	726.3	751.9	777.4	811.5	845.5	876.7	910.8	916.4	919.3	925.0	927.8
42.5°	797.3	825.7	851.2	885.2	916.4	950.5	981.7	984.5	990.2	993.1	995.9
45°	885.2	922.1	956.2	987.4	1015.8	1047.0	1075.3	1078.2	1081.0	1081.0	1083.8
47.5°	973.2	1010.1	1049.8	1081.0	1112.2	1140.6	1171.8	1177.5	1180.3	1186.0	1188.8
50°	1078.2	1129.2	1177.5	1205.8	1237.1	1265.4	1293.8	1296.6	1302.3	1305.2	1308.0
52.5°	1211.5	1262.6	1310.8	1339.2	1370.4	1398.8	1427.2	1430.0	1430.0	1432.8	1432.8
55°	1361.9	1413.0	1464.0	1492.4	1520.8	1549.2	1577.5	1577.5	1577.5	1574.7	1574.7
57.5°	1546.3	1594.6	1645.6	1674.0	1702.4	1730.7	1759.1	1759.1	1759.1	1759.1	1759.1
60°	1747.8	1804.5	1861.3	1886.8	1912.3	1937.9	1963.4	1957.7	1949.2	1943.5	1935.0
62.5°	1974.8	2034.3	2091.1	2110.9	2128.0	2147.8	2164.9	2156.3	2145.0	2136.5	2125.1
65°	2187.6	2255.6	2323.7	2337.9	2352.1	2363.5	2377.6	2363.5	2349.3	2332.3	2318.1
67.5°	2403.2	2479.8	2559.2	2564.9	2570.6	2576.3	2581.9	2567.7	2553.6	2536.5	2522.4
70°	2590.4	2686.9	2783.4	2786.2	2789.1	2791.9	2794.7	2780.5	2766.4	2749.3	2735.1
72.5°	*2698.3*	*2797.6*	*2894.0*	*2902.5*	*2908.2*	*2916.7*	*2922.4*	*2908.2*	*2896.9*	*2882.7*	*2868.5*
75°	2667.1	2755.0	2840.1	2831.6	2823.1	2811.8	2803.2	2780.5	2757.8	2732.3	2709.6
77.5°	2363.5	2403.2	2445.7	2400.3	2352.1	2306.7	2258.5	2235.8	2210.2	2187.6	2162.0
80°	1705.2	1674.0	1645.6	1560.5	1475.4	1387.4	1302.3	1245.6	1188.8	1132.1	1075.3
82.5°	856.9	768.9	680.9	604.3	527.7	448.3	371.7	343.3	312.1	283.7	252.5
85°	212.8	184.4	156.1	144.7	133.4	122.0	110.7	96.5	85.1	70.9	56.7
87.5°	25.5	22.7	19.9	17.0	17.0	14.2	11.3	11.3	11.3	8.5	8.5
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):

	357.5°	360°
0°	698.0	698.0
2.5°	621.4	618.5
5°	584.5	584.5
7.5°	505.0	499.4
10°	561.8	561.8
12.5°	490.9	493.7
15°	567.5	567.5
17.5°	485.2	482.3
20°	578.8	578.8
22.5°	490.9	490.9
25°	601.5	598.7
27.5°	516.4	516.4
30°	632.7	632.7
32.5°	766.1	768.9
35°	817.1	817.1
37.5°	865.4	865.4
40°	927.8	925.0
42.5°	998.7	998.7
45°	1086.7	1086.7
47.5°	1191.7	1194.5
50°	1308.0	1308.0
52.5°	1432.8	1430.0
55°	1574.7	1574.7
57.5°	1750.6	1739.3
60°	1932.2	1929.4
62.5°	2122.3	2116.6
65°	2315.2	2309.6
67.5°	2519.5	2513.8
70°	2735.1	2732.3
72.5°	*2860.0*	*2851.5*
75°	2703.9	2698.3
77.5°	2139.3	2113.8
80°	1061.1	1047.0
82.5°	252.5	252.5
85°	53.9	51.1
87.5°	8.5	8.5
90°	0.0	0.0

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