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: P559891

Luminaire Tested: **SDL-PA1-100-760-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P559891
	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-PA1-100-760-U-5WQ
Description:	Springdale
	(1) 70 CRI, 5700K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10661 lumens
Efficiency:	N/A
Efficacy:	113.7 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:	B4 - U0 - G3

Input Watts (W):	93.8
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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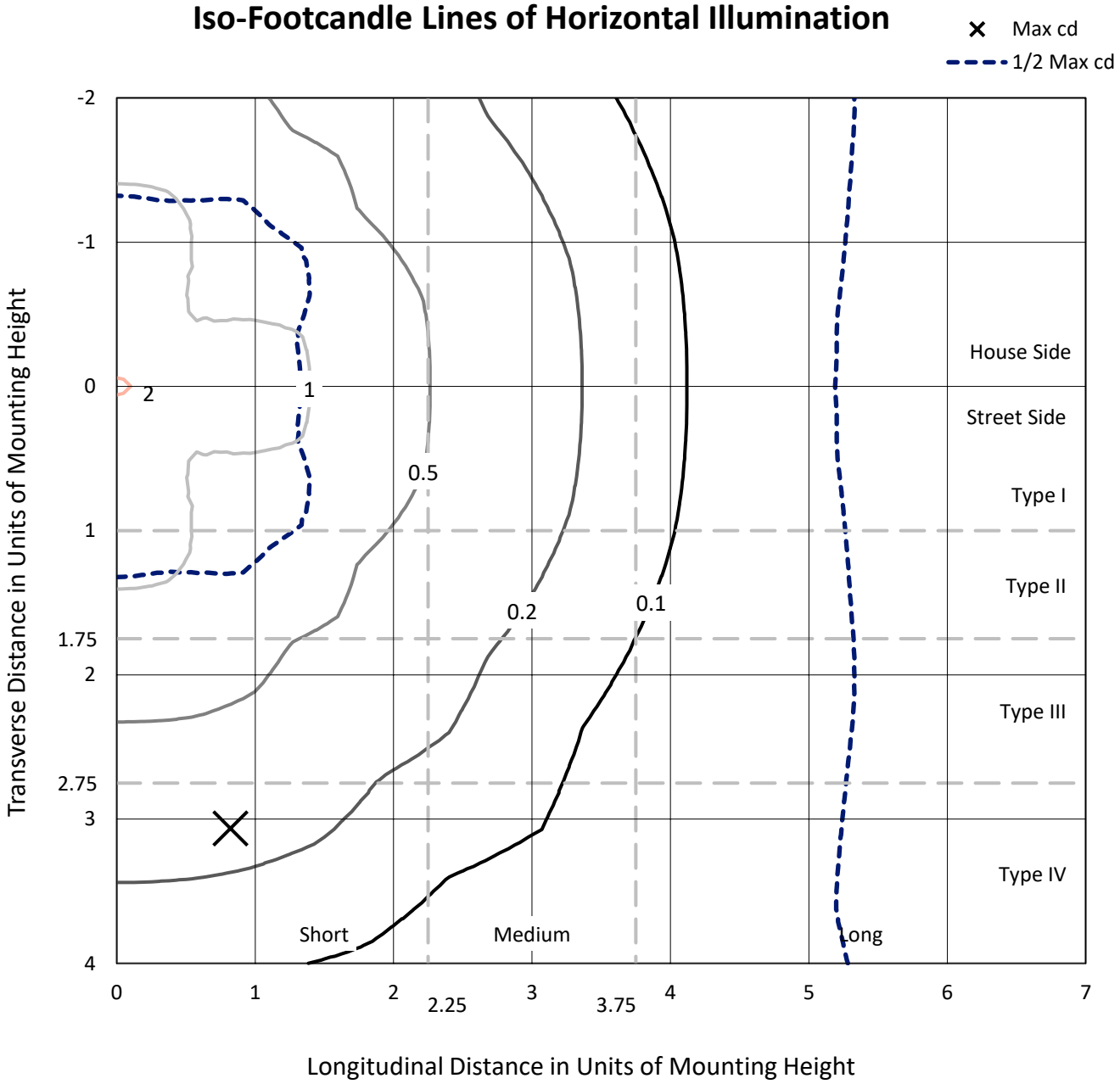
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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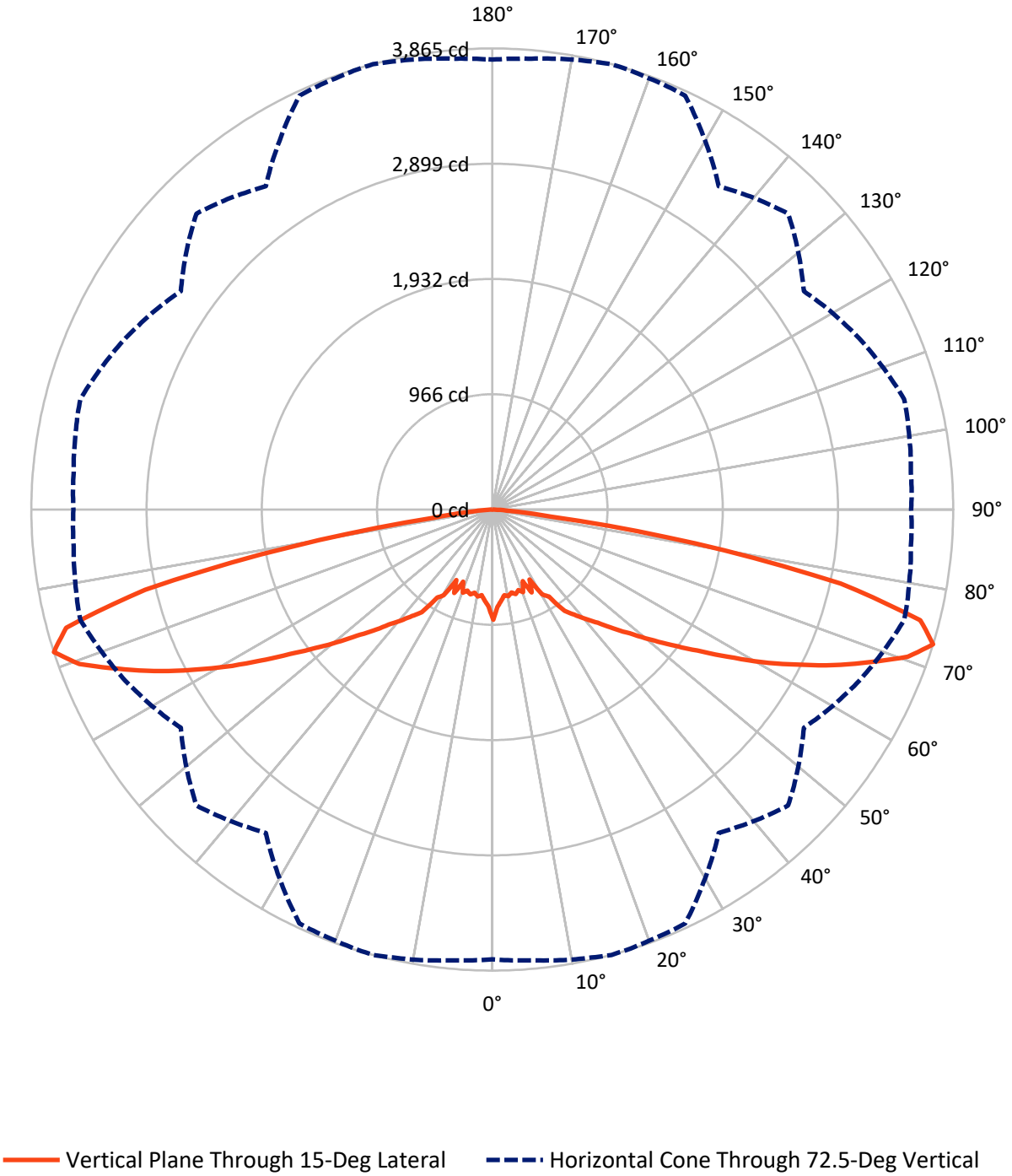
Luminous Intensity Polar Plot



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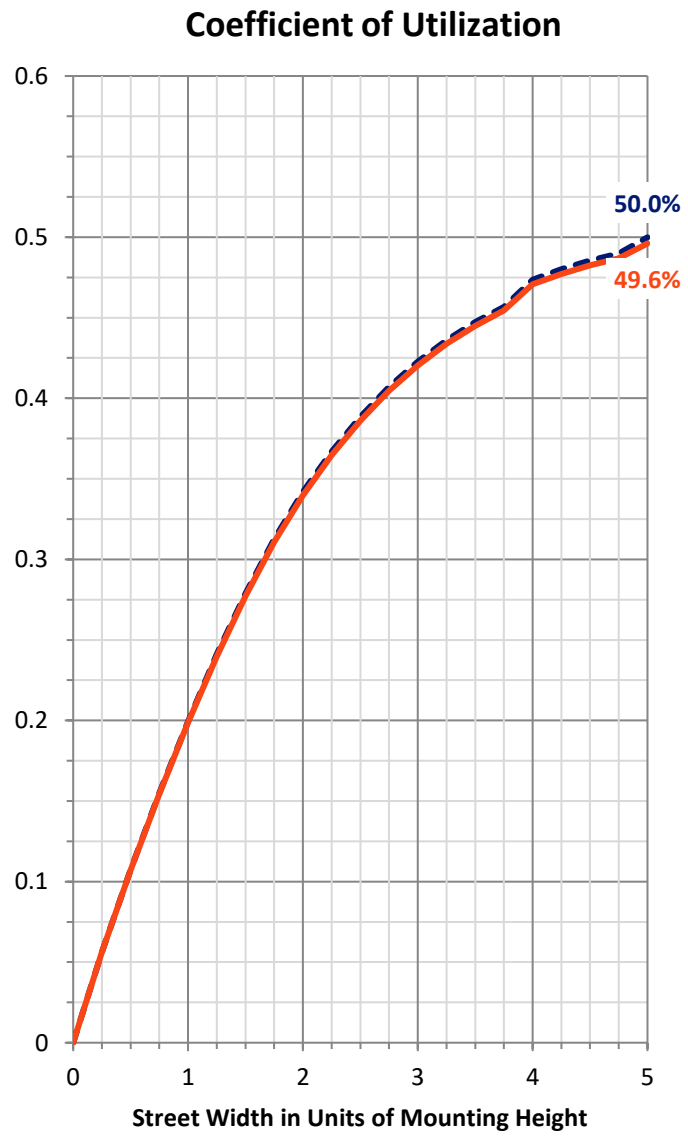
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5330.5	0.0	5330.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5330.5	0.0	5330.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10661.0	0.0	10661.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.5	0.7
10°-20°	168.3	1.6
20°-30°	300.3	2.8
30°-40°	574.4	5.4
40°-50°	978.3	9.2
50°-60°	1712.5	16.1
60°-70°	2889.6	27.1
70°-80°	3370.6	31.6
80°-90°	594.5	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°	10661.0	100.0
0°-180°	10661.0	100.0



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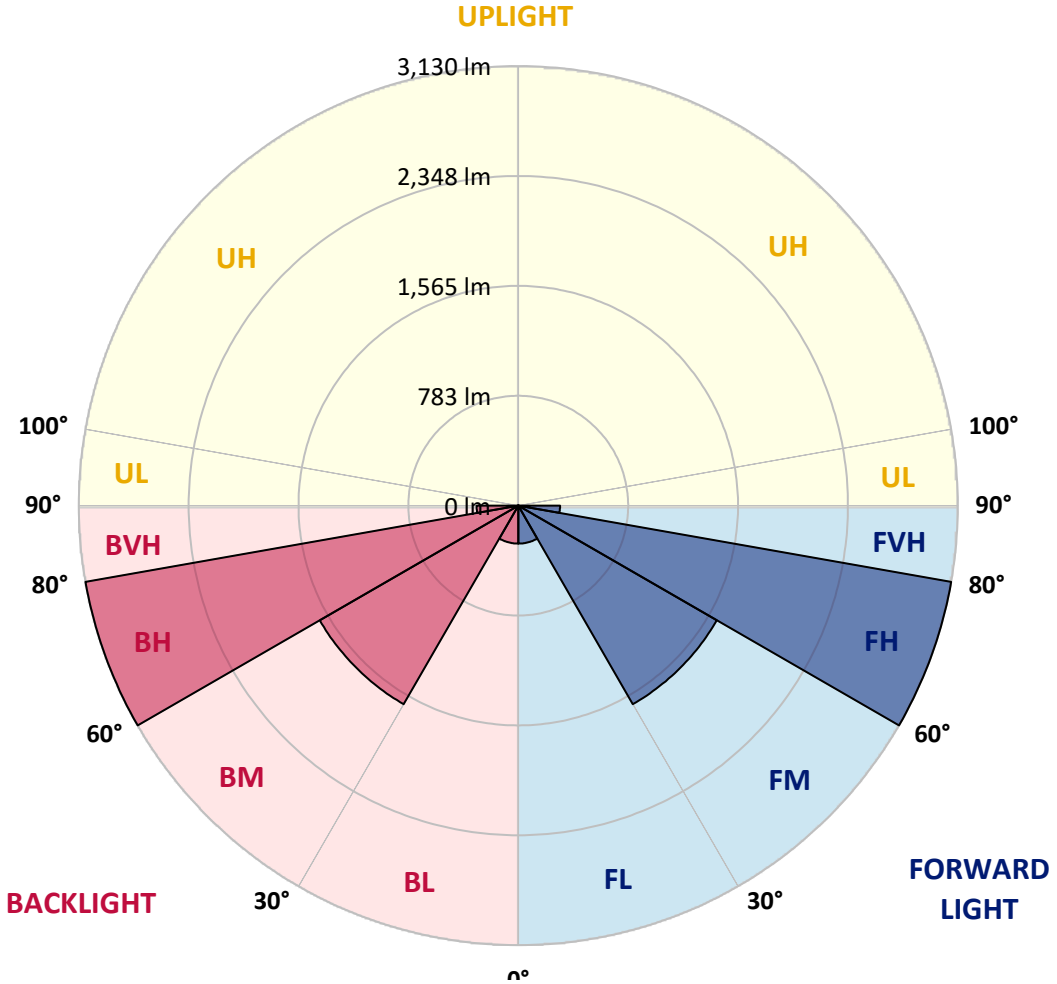
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	270.5	2.5			
FM	(30°-60°)	1632.6	15.3			
FH	(60°-80°)	3130.1	29.4			G2/5000
FVH	(80°-90°)	297.3	2.8			G3/500
BL	(0°-30°)	270.5	2.5	B1/500		
BM	(30°-60°)	1632.6	15.3	B2/2500		
BH	(60°-80°)	3130.1	29.4	B4/5000		G2/5000
BVH	(80°-90°)	297.3	2.8			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3
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°	923.0	923.0	923.0	923.0	923.0	923.0	*923.0*	923.0	923.0	923.0	923.0
2.5°	818.0	821.7	821.7	821.7	821.7	818.0	*818.0*	829.2	840.5	851.7	863.0
5°	772.9	772.9	772.9	772.9	772.9	769.2	*769.2*	769.2	769.2	769.2	769.2
7.5°	660.4	667.9	671.6	686.6	697.9	712.9	*724.2*	727.9	731.7	731.7	735.4
10°	742.9	742.9	742.9	742.9	742.9	739.2	*739.2*	731.7	727.9	720.4	712.9
12.5°	652.9	649.1	645.4	664.1	679.1	697.9	*712.9*	716.7	720.4	724.2	727.9
15°	750.4	750.4	750.4	746.7	742.9	739.2	*735.4*	709.2	682.9	652.9	626.6
17.5°	637.9	641.6	641.6	660.4	675.4	694.1	*709.2*	701.7	694.1	682.9	675.4
20°	765.4	765.4	765.4	757.9	754.2	746.7	*739.2*	694.1	649.1	600.3	555.3
22.5°	649.1	649.1	649.1	649.1	652.9	652.9	*652.9*	656.6	660.4	664.1	667.9
25°	791.7	795.5	795.5	788.0	784.2	776.7	*769.2*	731.7	690.4	652.9	611.6
27.5°	682.9	682.9	682.9	679.1	675.4	667.9	*664.1*	671.6	682.9	690.4	697.9
30°	836.7	836.7	836.7	833.0	833.0	829.2	*825.5*	788.0	746.7	709.2	667.9
32.5°	1016.8	1013.1	1009.3	975.6	941.8	904.3	*870.5*	851.7	833.0	810.5	791.7
35°	1080.6	1080.6	1076.9	1069.4	1061.9	1050.6	*1043.1*	1005.6	968.1	930.5	893.0
37.5°	1144.4	1144.4	1140.7	1136.9	1129.4	1125.6	*1118.1*	1076.9	1039.3	998.1	956.8
40°	1223.2	1227.0	1227.0	1223.2	1215.7	1211.9	*1204.4*	1159.4	1118.1	1073.1	1028.1
42.5°	1320.8	1320.8	1317.0	1313.3	1309.5	1302.0	*1298.2*	1257.0	1211.9	1170.7	1125.6
45°	1437.1	1437.1	1433.3	1429.6	1429.6	1425.8	*1422.1*	1384.5	1343.3	1305.7	1264.5
47.5°	1579.7	1575.9	1572.2	1568.4	1560.9	1557.1	*1549.6*	1508.4	1470.8	1429.6	1388.3
50°	1729.7	1729.7	1729.7	1726.0	1722.2	1714.7	*1711.0*	1673.5	1635.9	1594.7	1557.1
52.5°	1891.1	1894.8	1894.8	1894.8	1891.1	1891.1	*1887.3*	1849.8	1812.3	1771.0	1733.5
55°	2082.4	2082.4	2082.4	2082.4	2086.2	2086.2	*2086.2*	2048.7	2011.2	1973.6	1936.1
57.5°	2300.1	2315.1	2326.3	2326.3	2326.3	2326.3	*2326.3*	2288.8	2251.3	2213.8	2176.2
60°	2551.5	2555.2	2559.0	2570.2	2577.7	2589.0	*2596.5*	2562.7	2529.0	2495.2	2461.4
62.5°	2799.1	2806.6	2810.4	2825.4	2836.6	2851.6	*2862.9*	2840.4	2814.1	2791.6	2765.3
65°	3054.3	3061.8	3065.5	3084.3	3106.8	3125.5	*3144.3*	3125.5	3110.5	3091.8	3073.0
67.5°	3324.4	3331.9	3335.7	3354.4	3376.9	3395.7	*3414.5*	3407.0	3399.5	3391.9	3384.4
70°	3613.3	3617.1	3617.1	3635.8	3658.4	3677.1	*3695.9*	3692.1	3688.4	3684.6	3680.9
72.5°	*3770.9*	*3782.2*	*3793.4*	*3812.2*	*3830.9*	*3846.0*	*3864.7*	*3857.2*	*3846.0*	*3838.5*	*3827.2*
75°	3568.3	3575.8	3583.3	3613.3	3647.1	3677.1	*3707.1*	3718.4	3733.4	3744.6	3755.9
77.5°	2795.4	2829.1	2859.1	2892.9	2922.9	2956.7	*2986.7*	3050.5	3110.5	3174.3	3234.4
80°	1384.5	1403.3	1422.1	1497.1	1572.2	1647.2	*1722.2*	1834.8	1951.1	2063.7	2176.2
82.5°	333.9	333.9	333.9	375.2	412.7	454.0	*491.5*	592.8	697.9	799.2	900.5
85°	67.5	71.3	75.0	93.8	112.6	127.6	*146.3*	161.3	176.4	191.4	206.4
87.5°	11.3	11.3	11.3	11.3	15.0	15.0	*15.0*	18.8	22.5	22.5	26.3
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°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	866.7	874.3	878.0	881.8	885.5	889.3	893.0	896.8	900.5	900.5	904.3
5°	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	772.9	776.7	780.4
7.5°	739.2	742.9	746.7	750.4	750.4	750.4	746.7	746.7	742.9	742.9	739.2
10°	694.1	675.4	652.9	634.1	634.1	637.9	637.9	637.9	626.6	619.1	607.8
12.5°	712.9	697.9	679.1	664.1	637.9	615.4	589.1	562.8	555.3	547.8	540.3
15°	604.1	585.3	562.8	540.3	529.1	514.0	502.8	487.8	484.0	480.3	472.8
17.5°	656.6	637.9	615.4	596.6	559.1	521.5	484.0	446.5	465.3	487.8	506.5
20°	559.1	559.1	562.8	562.8	562.8	559.1	559.1	555.3	544.1	529.1	517.8
22.5°	637.9	604.1	574.1	540.3	547.8	555.3	562.8	570.3	551.6	532.8	510.3
25°	622.9	634.1	641.6	652.9	622.9	592.8	559.1	529.1	544.1	559.1	574.1
27.5°	675.4	652.9	626.6	604.1	615.4	626.6	634.1	645.4	626.6	607.8	589.1
30°	671.6	675.4	675.4	679.1	664.1	645.4	630.4	611.6	619.1	630.4	637.9
32.5°	769.2	742.9	720.4	694.1	694.1	694.1	690.4	690.4	690.4	694.1	694.1
35°	859.2	829.2	795.5	761.7	754.2	750.4	742.9	735.4	742.9	750.4	757.9
37.5°	923.0	885.5	851.7	814.2	810.5	806.7	799.2	795.5	795.5	795.5	795.5
40°	994.3	960.6	926.8	893.0	885.5	878.0	866.7	859.2	855.5	851.7	844.2
42.5°	1091.9	1054.4	1020.6	983.1	971.8	956.8	945.5	930.5	926.8	923.0	915.5
45°	1219.5	1170.7	1125.6	1076.9	1061.9	1050.6	1035.6	1020.6	1016.8	1009.3	1005.6
47.5°	1335.8	1287.0	1234.5	1181.9	1174.4	1163.2	1155.7	1144.4	1136.9	1125.6	1118.1
50°	1493.4	1425.8	1362.0	1294.5	1294.5	1290.7	1290.7	1287.0	1272.0	1257.0	1242.0
52.5°	1669.7	1602.2	1538.4	1470.8	1463.3	1459.6	1452.1	1444.6	1429.6	1414.6	1395.8
55°	1868.6	1801.0	1733.5	1666.0	1662.2	1662.2	1658.5	1654.7	1632.2	1609.7	1587.2
57.5°	2108.7	2044.9	1977.4	1909.8	1913.6	1913.6	1917.4	1917.4	1887.3	1857.3	1823.5
60°	2386.4	2311.3	2232.5	2157.5	2168.7	2183.8	2195.0	2206.3	2168.7	2131.2	2089.9
62.5°	2690.3	2611.5	2536.5	2457.7	2480.2	2502.7	2521.4	2544.0	2487.7	2431.4	2375.1
65°	2983.0	2892.9	2802.9	2712.8	2754.1	2799.1	2840.4	2881.7	2814.1	2746.6	2679.0
67.5°	3279.4	3178.1	3073.0	2968.0	3016.7	3065.5	3114.3	3163.1	3095.5	3024.2	2956.7
70°	3553.3	3425.7	3298.1	3170.6	3219.3	3268.1	3316.9	3365.7	3301.9	3238.1	3174.3
72.5°	*3699.6*	*3568.3*	*3440.7*	*3309.4*	*3358.2*	*3410.7*	*3459.5*	*3508.3*	*3429.5*	*3350.7*	*3268.1*
75°	3643.3	3527.0	3414.5	3298.1	3369.4	3440.7	3512.0	3583.3	3478.2	3369.4	3264.4
77.5°	3178.1	3125.5	3069.3	3013.0	3140.6	3268.1	3395.7	3523.3	3373.2	3219.3	3069.3
80°	2213.8	2255.0	2292.6	2330.1	2513.9	2697.8	2877.9	3061.8	2885.4	2712.8	2536.5
82.5°	1016.8	1133.2	1245.7	1362.0	1545.9	1729.7	1909.8	2093.7	1898.6	1703.5	1504.6
85°	243.9	281.4	315.2	352.7	446.5	540.3	634.1	727.9	649.1	570.3	491.5
87.5°	30.0	33.8	33.8	37.5	33.8	33.8	30.0	26.3	30.0	30.0	33.8
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°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	904.3	908.0	908.0	911.8	911.8	911.8	911.8	908.0	908.0	908.0	911.8
5°	784.2	803.0	818.0	836.7	851.7	859.2	870.5	878.0	885.5	889.3	889.3
7.5°	735.4	727.9	716.7	709.2	697.9	712.9	731.7	746.7	761.7	765.4	769.2
10°	596.6	592.8	585.3	581.6	574.1	577.8	585.3	589.1	592.8	611.6	634.1
12.5°	532.8	536.6	540.3	544.1	547.8	536.6	525.3	510.3	499.0	517.8	536.6
15°	469.0	469.0	472.8	472.8	472.8	487.8	502.8	517.8	532.8	559.1	589.1
17.5°	525.3	517.8	510.3	499.0	491.5	495.3	495.3	499.0	499.0	514.0	525.3
20°	502.8	491.5	484.0	472.8	461.5	480.3	499.0	517.8	536.6	566.6	596.6
22.5°	491.5	514.0	532.8	555.3	574.1	562.8	551.6	536.6	525.3	525.3	525.3
25°	589.1	570.3	551.6	532.8	514.0	547.8	577.8	611.6	641.6	664.1	682.9
27.5°	570.3	585.3	600.3	611.6	626.6	645.4	664.1	682.9	701.7	735.4	765.4
30°	645.4	664.1	682.9	697.9	716.7	765.4	810.5	859.2	904.3	926.8	949.3
32.5°	694.1	731.7	765.4	803.0	836.7	863.0	889.3	915.5	941.8	964.3	990.6
35°	765.4	795.5	821.7	851.7	878.0	908.0	938.0	964.3	994.3	1016.8	1039.3
37.5°	795.5	829.2	863.0	893.0	926.8	964.3	998.1	1035.6	1069.4	1088.1	1103.1
40°	840.5	881.8	923.0	964.3	1005.6	1043.1	1080.6	1118.1	1155.7	1170.7	1185.7
42.5°	911.8	956.8	1001.8	1043.1	1088.1	1129.4	1166.9	1208.2	1245.7	1260.7	1275.7
45°	998.1	1043.1	1088.1	1133.2	1178.2	1223.2	1268.2	1313.3	1358.3	1377.0	1395.8
47.5°	1106.9	1151.9	1200.7	1245.7	1290.7	1347.0	1399.6	1455.8	1508.4	1523.4	1538.4
50°	1227.0	1272.0	1317.0	1362.0	1407.1	1478.3	1545.9	1617.2	1684.7	1692.2	1703.5
52.5°	1380.8	1425.8	1467.1	1512.1	1553.4	1632.2	1711.0	1786.0	1864.8	1868.6	1876.1
55°	1564.6	1605.9	1650.9	1692.2	1733.5	1819.8	1902.3	1988.6	2071.2	2071.2	2074.9
57.5°	1793.5	1838.6	1883.6	1924.9	1969.9	2052.4	2135.0	2213.8	2296.3	2292.6	2288.8
60°	2052.4	2093.7	2131.2	2172.5	2210.0	2288.8	2371.4	2450.2	2529.0	2521.4	2510.2
62.5°	2318.8	2363.9	2408.9	2450.2	2495.2	2559.0	2626.5	2690.3	2754.1	2739.1	2724.1
65°	2611.5	2656.5	2705.3	2750.3	2795.4	2844.1	2896.7	2945.4	2994.2	2979.2	2968.0
67.5°	2885.4	2937.9	2990.5	3039.2	3091.8	3129.3	3166.8	3200.6	3238.1	3219.3	3200.6
70°	3110.5	3155.6	3200.6	3245.6	3290.6	3328.2	3365.7	3403.2	3440.7	3422.0	3403.2
72.5°	*3189.3*	*3241.9*	*3294.4*	*3343.2*	*3395.7*	*3440.7*	*3485.8*	*3530.8*	*3575.8*	*3564.5*	*3549.5*
75°	3155.6	3193.1	3230.6	3268.1	3305.6	3339.4	3376.9	3410.7	3444.5	3425.7	3407.0
77.5°	2915.4	2911.7	2904.2	2900.4	2892.9	2892.9	2896.7	2896.7	2896.7	2874.1	2851.6
80°	2360.1	2292.6	2225.0	2157.5	2089.9	2011.2	1932.4	1853.6	1774.8	1699.7	1624.7
82.5°	1309.5	1155.7	1005.6	851.7	697.9	634.1	566.6	502.8	435.2	405.2	371.5
85°	412.7	360.2	307.7	255.1	202.6	191.4	180.1	165.1	153.8	142.6	131.3
87.5°	33.8	30.0	30.0	26.3	22.5	18.8	18.8	15.0	11.3	11.3	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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	911.8	911.8	911.8	911.8	911.8	911.8	911.8	911.8	908.0	908.0	908.0
5°	893.0	893.0	893.0	893.0	893.0	893.0	893.0	889.3	889.3	885.5	878.0
7.5°	769.2	772.9	772.9	769.2	772.9	772.9	769.2	769.2	765.4	761.7	746.7
10°	652.9	671.6	671.6	671.6	671.6	671.6	652.9	634.1	611.6	592.8	589.1
12.5°	555.3	574.1	574.1	574.1	574.1	574.1	555.3	536.6	517.8	499.0	510.3
15°	615.4	641.6	641.6	641.6	641.6	641.6	615.4	589.1	559.1	532.8	517.8
17.5°	540.3	551.6	555.3	555.3	555.3	551.6	540.3	525.3	514.0	499.0	499.0
20°	622.9	652.9	656.6	660.4	656.6	652.9	622.9	596.6	566.6	536.6	517.8
22.5°	521.5	521.5	525.3	525.3	525.3	521.5	521.5	525.3	525.3	525.3	536.6
25°	705.4	724.2	724.2	720.4	724.2	724.2	705.4	682.9	664.1	641.6	611.6
27.5°	799.2	829.2	836.7	840.5	836.7	829.2	799.2	765.4	735.4	701.7	682.9
30°	971.8	994.3	994.3	994.3	994.3	994.3	971.8	949.3	926.8	904.3	859.2
32.5°	1013.1	1035.6	1035.6	1035.6	1035.6	1035.6	1013.1	990.6	964.3	941.8	915.5
35°	1058.1	1080.6	1084.4	1084.4	1084.4	1080.6	1058.1	1039.3	1016.8	994.3	964.3
37.5°	1121.9	1136.9	1140.7	1144.4	1140.7	1136.9	1121.9	1103.1	1088.1	1069.4	1035.6
40°	1196.9	1211.9	1211.9	1211.9	1211.9	1211.9	1196.9	1185.7	1170.7	1155.7	1118.1
42.5°	1290.7	1305.7	1309.5	1313.3	1309.5	1305.7	1290.7	1275.7	1260.7	1245.7	1208.2
45°	1410.8	1429.6	1433.3	1437.1	1433.3	1429.6	1410.8	1395.8	1377.0	1358.3	1313.3
47.5°	1553.4	1568.4	1568.4	1568.4	1568.4	1568.4	1553.4	1538.4	1523.4	1508.4	1455.8
50°	1711.0	1718.5	1722.2	1722.2	1722.2	1718.5	1711.0	1703.5	1692.2	1684.7	1617.2
52.5°	1879.8	1883.6	1883.6	1879.8	1883.6	1883.6	1879.8	1876.1	1868.6	1864.8	1786.0
55°	2074.9	2074.9	2071.2	2063.7	2071.2	2074.9	2074.9	2074.9	2071.2	2071.2	1988.6
57.5°	2285.1	2281.3	2281.3	2277.6	2281.3	2281.3	2285.1	2288.8	2292.6	2296.3	2213.8
60°	2502.7	2491.4	2487.7	2480.2	2487.7	2491.4	2502.7	2510.2	2521.4	2529.0	2450.2
62.5°	2709.1	2694.0	2694.0	2694.0	2694.0	2694.0	2709.1	2724.1	2739.1	2754.1	2690.3
65°	2952.9	2937.9	2930.4	2922.9	2930.4	2937.9	2952.9	2968.0	2979.2	2994.2	2945.4
67.5°	3181.8	3163.1	3155.6	3144.3	3155.6	3163.1	3181.8	3200.6	3219.3	3238.1	3200.6
70°	3380.7	3361.9	3358.2	3354.4	3358.2	3361.9	3380.7	3403.2	3422.0	3440.7	3403.2
72.5°	*3538.3*	*3523.3*	*3519.5*	*3512.0*	*3519.5*	*3523.3*	*3538.3*	*3549.5*	*3564.5*	*3575.8*	*3530.8*
75°	3388.2	3369.4	3358.2	3343.2	3358.2	3369.4	3388.2	3407.0	3425.7	3444.5	3410.7
77.5°	2829.1	2806.6	2799.1	2787.9	2799.1	2806.6	2829.1	2851.6	2874.1	2896.7	2896.7
80°	1549.6	1474.6	1455.8	1433.3	1455.8	1474.6	1549.6	1624.7	1699.7	1774.8	1853.6
82.5°	341.4	307.7	296.4	281.4	296.4	307.7	341.4	371.5	405.2	435.2	502.8
85°	116.3	105.1	97.6	90.1	97.6	105.1	116.3	131.3	142.6	153.8	165.1
87.5°	11.3	11.3	11.3	7.5	11.3	11.3	11.3	11.3	11.3	11.3	15.0
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	911.8	911.8	911.8	911.8	908.0	908.0	904.3	904.3	900.5	900.5	896.8
5°	870.5	859.2	851.7	836.7	818.0	803.0	784.2	780.4	776.7	772.9	769.2
7.5°	731.7	712.9	697.9	709.2	716.7	727.9	735.4	739.2	742.9	742.9	746.7
10°	585.3	577.8	574.1	581.6	585.3	592.8	596.6	607.8	619.1	626.6	637.9
12.5°	525.3	536.6	547.8	544.1	540.3	536.6	532.8	540.3	547.8	555.3	562.8
15°	502.8	487.8	472.8	472.8	472.8	469.0	469.0	472.8	480.3	484.0	487.8
17.5°	495.3	495.3	491.5	499.0	510.3	517.8	525.3	506.5	487.8	465.3	446.5
20°	499.0	480.3	461.5	472.8	484.0	491.5	502.8	517.8	529.1	544.1	555.3
22.5°	551.6	562.8	574.1	555.3	532.8	514.0	491.5	510.3	532.8	551.6	570.3
25°	577.8	547.8	514.0	532.8	551.6	570.3	589.1	574.1	559.1	544.1	529.1
27.5°	664.1	645.4	626.6	611.6	600.3	585.3	570.3	589.1	607.8	626.6	645.4
30°	810.5	765.4	716.7	697.9	682.9	664.1	645.4	637.9	630.4	619.1	611.6
32.5°	889.3	863.0	836.7	803.0	765.4	731.7	694.1	694.1	694.1	690.4	690.4
35°	938.0	908.0	878.0	851.7	821.7	795.5	765.4	757.9	750.4	742.9	735.4
37.5°	998.1	964.3	926.8	893.0	863.0	829.2	795.5	795.5	795.5	795.5	795.5
40°	1080.6	1043.1	1005.6	964.3	923.0	881.8	840.5	844.2	851.7	855.5	859.2
42.5°	1166.9	1129.4	1088.1	1043.1	1001.8	956.8	911.8	915.5	923.0	926.8	930.5
45°	1268.2	1223.2	1178.2	1133.2	1088.1	1043.1	998.1	1005.6	1009.3	1016.8	1020.6
47.5°	1399.6	1347.0	1290.7	1245.7	1200.7	1151.9	1106.9	1118.1	1125.6	1136.9	1144.4
50°	1545.9	1478.3	1407.1	1362.0	1317.0	1272.0	1227.0	1242.0	1257.0	1272.0	1287.0
52.5°	1711.0	1632.2	1553.4	1512.1	1467.1	1425.8	1380.8	1395.8	1414.6	1429.6	1444.6
55°	1902.3	1819.8	1733.5	1692.2	1650.9	1605.9	1564.6	1587.2	1609.7	1632.2	1654.7
57.5°	2135.0	2052.4	1969.9	1924.9	1883.6	1838.6	1793.5	1823.5	1857.3	1887.3	1917.4
60°	2371.4	2288.8	2210.0	2172.5	2131.2	2093.7	2052.4	2089.9	2131.2	2168.7	2206.3
62.5°	2626.5	2559.0	2495.2	2450.2	2408.9	2363.9	2318.8	2375.1	2431.4	2487.7	2544.0
65°	2896.7	2844.1	2795.4	2750.3	2705.3	2656.5	2611.5	2679.0	2746.6	2814.1	2881.7
67.5°	3166.8	3129.3	3091.8	3039.2	2990.5	2937.9	2885.4	2956.7	3024.2	3095.5	3163.1
70°	3365.7	3328.2	3290.6	3245.6	3200.6	3155.6	3110.5	3174.3	3238.1	3301.9	3365.7
72.5°	*3485.8*	*3440.7*	*3395.7*	*3343.2*	*3294.4*	*3241.9*	*3189.3*	*3268.1*	*3350.7*	*3429.5*	*3508.3*
75°	3376.9	3339.4	3305.6	3268.1	3230.6	3193.1	3155.6	3264.4	3369.4	3478.2	3583.3
77.5°	2896.7	2892.9	2892.9	2900.4	2904.2	2911.7	2915.4	3069.3	3219.3	3373.2	3523.3
80°	1932.4	2011.2	2089.9	2157.5	2225.0	2292.6	2360.1	2536.5	2712.8	2885.4	3061.8
82.5°	566.6	634.1	697.9	851.7	1005.6	1155.7	1309.5	1504.6	1703.5	1898.6	2093.7
85°	180.1	191.4	202.6	255.1	307.7	360.2	412.7	491.5	570.3	649.1	727.9
87.5°	18.8	18.8	22.5	26.3	30.0	30.0	33.8	33.8	30.0	30.0	26.3
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	893.0	889.3	885.5	881.8	878.0	874.3	866.7	863.0	851.7	840.5	829.2
5°	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2
7.5°	746.7	750.4	750.4	750.4	746.7	742.9	739.2	735.4	731.7	731.7	727.9
10°	637.9	637.9	634.1	634.1	652.9	675.4	694.1	712.9	720.4	727.9	731.7
12.5°	589.1	615.4	637.9	664.1	679.1	697.9	712.9	727.9	724.2	720.4	716.7
15°	502.8	514.0	529.1	540.3	562.8	585.3	604.1	626.6	652.9	682.9	709.2
17.5°	484.0	521.5	559.1	596.6	615.4	637.9	656.6	675.4	682.9	694.1	701.7
20°	559.1	559.1	562.8	562.8	562.8	559.1	559.1	555.3	600.3	649.1	694.1
22.5°	562.8	555.3	547.8	540.3	574.1	604.1	637.9	667.9	664.1	660.4	656.6
25°	559.1	592.8	622.9	652.9	641.6	634.1	622.9	611.6	652.9	690.4	731.7
27.5°	634.1	626.6	615.4	604.1	626.6	652.9	675.4	697.9	690.4	682.9	671.6
30°	630.4	645.4	664.1	679.1	675.4	675.4	671.6	667.9	709.2	746.7	788.0
32.5°	690.4	694.1	694.1	694.1	720.4	742.9	769.2	791.7	810.5	833.0	851.7
35°	742.9	750.4	754.2	761.7	795.5	829.2	859.2	893.0	930.5	968.1	1005.6
37.5°	799.2	806.7	810.5	814.2	851.7	885.5	923.0	956.8	998.1	1039.3	1076.9
40°	866.7	878.0	885.5	893.0	926.8	960.6	994.3	1028.1	1073.1	1118.1	1159.4
42.5°	945.5	956.8	971.8	983.1	1020.6	1054.4	1091.9	1125.6	1170.7	1211.9	1257.0
45°	1035.6	1050.6	1061.9	1076.9	1125.6	1170.7	1219.5	1264.5	1305.7	1343.3	1384.5
47.5°	1155.7	1163.2	1174.4	1181.9	1234.5	1287.0	1335.8	1388.3	1429.6	1470.8	1508.4
50°	1290.7	1290.7	1294.5	1294.5	1362.0	1425.8	1493.4	1557.1	1594.7	1635.9	1673.5
52.5°	1452.1	1459.6	1463.3	1470.8	1538.4	1602.2	1669.7	1733.5	1771.0	1812.3	1849.8
55°	1658.5	1662.2	1662.2	1666.0	1733.5	1801.0	1868.6	1936.1	1973.6	2011.2	2048.7
57.5°	1917.4	1913.6	1913.6	1909.8	1977.4	2044.9	2108.7	2176.2	2213.8	2251.3	2288.8
60°	2195.0	2183.8	2168.7	2157.5	2232.5	2311.3	2386.4	2461.4	2495.2	2529.0	2562.7
62.5°	2521.4	2502.7	2480.2	2457.7	2536.5	2611.5	2690.3	2765.3	2791.6	2814.1	2840.4
65°	2840.4	2799.1	2754.1	2712.8	2802.9	2892.9	2983.0	3073.0	3091.8	3110.5	3125.5
67.5°	3114.3	3065.5	3016.7	2968.0	3073.0	3178.1	3279.4	3384.4	3391.9	3399.5	3407.0
70°	3316.9	3268.1	3219.3	3170.6	3298.1	3425.7	3553.3	3680.9	3684.6	3688.4	3692.1
72.5°	*3459.5*	*3410.7*	*3358.2*	*3309.4*	*3440.7*	*3568.3*	*3699.6*	*3827.2*	*3838.5*	*3846.0*	*3857.2*
75°	3512.0	3440.7	3369.4	3298.1	3414.5	3527.0	3643.3	3755.9	3744.6	3733.4	3718.4
77.5°	3395.7	3268.1	3140.6	3013.0	3069.3	3125.5	3178.1	3234.4	3174.3	3110.5	3050.5
80°	2877.9	2697.8	2513.9	2330.1	2292.6	2255.0	2213.8	2176.2	2063.7	1951.1	1834.8
82.5°	1909.8	1729.7	1545.9	1362.0	1245.7	1133.2	1016.8	900.5	799.2	697.9	592.8
85°	634.1	540.3	446.5	352.7	315.2	281.4	243.9	206.4	191.4	176.4	161.3
87.5°	30.0	33.8	33.8	37.5	33.8	33.8	30.0	26.3	22.5	22.5	18.8
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°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	818.0	818.0	821.7	821.7	821.7	821.7	818.0	821.7	821.7	821.7	821.7
5°	769.2	769.2	772.9	772.9	772.9	772.9	772.9	772.9	772.9	772.9	772.9
7.5°	724.2	712.9	697.9	686.6	671.6	667.9	660.4	667.9	671.6	686.6	697.9
10°	739.2	739.2	742.9	742.9	742.9	742.9	742.9	742.9	742.9	742.9	742.9
12.5°	712.9	697.9	679.1	664.1	645.4	649.1	652.9	649.1	645.4	664.1	679.1
15°	735.4	739.2	742.9	746.7	750.4	750.4	750.4	750.4	750.4	746.7	742.9
17.5°	709.2	694.1	675.4	660.4	641.6	641.6	637.9	641.6	641.6	660.4	675.4
20°	739.2	746.7	754.2	757.9	765.4	765.4	765.4	765.4	765.4	757.9	754.2
22.5°	652.9	652.9	652.9	649.1	649.1	649.1	649.1	649.1	649.1	649.1	652.9
25°	769.2	776.7	784.2	788.0	795.5	795.5	791.7	795.5	795.5	788.0	784.2
27.5°	664.1	667.9	675.4	679.1	682.9	682.9	682.9	682.9	682.9	679.1	675.4
30°	825.5	829.2	833.0	833.0	836.7	836.7	836.7	836.7	836.7	833.0	833.0
32.5°	870.5	904.3	941.8	975.6	1009.3	1013.1	1016.8	1013.1	1009.3	975.6	941.8
35°	1043.1	1050.6	1061.9	1069.4	1076.9	1080.6	1080.6	1080.6	1076.9	1069.4	1061.9
37.5°	1118.1	1125.6	1129.4	1136.9	1140.7	1144.4	1144.4	1144.4	1140.7	1136.9	1129.4
40°	1204.4	1211.9	1215.7	1223.2	1227.0	1227.0	1223.2	1227.0	1227.0	1223.2	1215.7
42.5°	1298.2	1302.0	1309.5	1313.3	1317.0	1320.8	1320.8	1320.8	1317.0	1313.3	1309.5
45°	1422.1	1425.8	1429.6	1429.6	1433.3	1437.1	1437.1	1437.1	1433.3	1429.6	1429.6
47.5°	1549.6	1557.1	1560.9	1568.4	1572.2	1575.9	1579.7	1575.9	1572.2	1568.4	1560.9
50°	1711.0	1714.7	1722.2	1726.0	1729.7	1729.7	1729.7	1729.7	1729.7	1726.0	1722.2
52.5°	1887.3	1891.1	1891.1	1894.8	1894.8	1894.8	1891.1	1894.8	1894.8	1894.8	1891.1
55°	2086.2	2086.2	2086.2	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2082.4	2086.2
57.5°	2326.3	2326.3	2326.3	2326.3	2326.3	2315.1	2300.1	2315.1	2326.3	2326.3	2326.3
60°	2596.5	2589.0	2577.7	2570.2	2559.0	2555.2	2551.5	2555.2	2559.0	2570.2	2577.7
62.5°	2862.9	2851.6	2836.6	2825.4	2810.4	2806.6	2799.1	2806.6	2810.4	2825.4	2836.6
65°	3144.3	3125.5	3106.8	3084.3	3065.5	3061.8	3054.3	3061.8	3065.5	3084.3	3106.8
67.5°	3414.5	3395.7	3376.9	3354.4	3335.7	3331.9	3324.4	3331.9	3335.7	3354.4	3376.9
70°	3695.9	3677.1	3658.4	3635.8	3617.1	3617.1	3613.3	3617.1	3617.1	3635.8	3658.4
72.5°	*3864.7*	*3846.0*	*3830.9*	*3812.2*	*3793.4*	*3782.2*	*3770.9*	*3782.2*	*3793.4*	*3812.2*	*3830.9*
75°	3707.1	3677.1	3647.1	3613.3	3583.3	3575.8	3568.3	3575.8	3583.3	3613.3	3647.1
77.5°	2986.7	2956.7	2922.9	2892.9	2859.1	2829.1	2795.4	2829.1	2859.1	2892.9	2922.9
80°	1722.2	1647.2	1572.2	1497.1	1422.1	1403.3	1384.5	1403.3	1422.1	1497.1	1572.2
82.5°	491.5	454.0	412.7	375.2	333.9	333.9	333.9	333.9	333.9	375.2	412.7
85°	146.3	127.6	112.6	93.8	75.0	71.3	67.5	71.3	75.0	93.8	112.6
87.5°	15.0	15.0	15.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	15.0
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	818.0	818.0	829.2	840.5	851.7	863.0	866.7	874.3	878.0	881.8	885.5
5°	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2
7.5°	712.9	724.2	727.9	731.7	731.7	735.4	739.2	742.9	746.7	750.4	750.4
10°	739.2	739.2	731.7	727.9	720.4	712.9	694.1	675.4	652.9	634.1	634.1
12.5°	697.9	712.9	716.7	720.4	724.2	727.9	712.9	697.9	679.1	664.1	637.9
15°	739.2	735.4	709.2	682.9	652.9	626.6	604.1	585.3	562.8	540.3	529.1
17.5°	694.1	709.2	701.7	694.1	682.9	675.4	656.6	637.9	615.4	596.6	559.1
20°	746.7	739.2	694.1	649.1	600.3	555.3	559.1	559.1	562.8	562.8	562.8
22.5°	652.9	652.9	656.6	660.4	664.1	667.9	637.9	604.1	574.1	540.3	547.8
25°	776.7	769.2	731.7	690.4	652.9	611.6	622.9	634.1	641.6	652.9	622.9
27.5°	667.9	664.1	671.6	682.9	690.4	697.9	675.4	652.9	626.6	604.1	615.4
30°	829.2	825.5	788.0	746.7	709.2	667.9	671.6	675.4	675.4	679.1	664.1
32.5°	904.3	870.5	851.7	833.0	810.5	791.7	769.2	742.9	720.4	694.1	694.1
35°	1050.6	1043.1	1005.6	968.1	930.5	893.0	859.2	829.2	795.5	761.7	754.2
37.5°	1125.6	1118.1	1076.9	1039.3	998.1	956.8	923.0	885.5	851.7	814.2	810.5
40°	1211.9	1204.4	1159.4	1118.1	1073.1	1028.1	994.3	960.6	926.8	893.0	885.5
42.5°	1302.0	1298.2	1257.0	1211.9	1170.7	1125.6	1091.9	1054.4	1020.6	983.1	971.8
45°	1425.8	1422.1	1384.5	1343.3	1305.7	1264.5	1219.5	1170.7	1125.6	1076.9	1061.9
47.5°	1557.1	1549.6	1508.4	1470.8	1429.6	1388.3	1335.8	1287.0	1234.5	1181.9	1174.4
50°	1714.7	1711.0	1673.5	1635.9	1594.7	1557.1	1493.4	1425.8	1362.0	1294.5	1294.5
52.5°	1891.1	1887.3	1849.8	1812.3	1771.0	1733.5	1669.7	1602.2	1538.4	1470.8	1463.3
55°	2086.2	2086.2	2048.7	2011.2	1973.6	1936.1	1868.6	1801.0	1733.5	1666.0	1662.2
57.5°	2326.3	2326.3	2288.8	2251.3	2213.8	2176.2	2108.7	2044.9	1977.4	1909.8	1913.6
60°	2589.0	2596.5	2562.7	2529.0	2495.2	2461.4	2386.4	2311.3	2232.5	2157.5	2168.7
62.5°	2851.6	2862.9	2840.4	2814.1	2791.6	2765.3	2690.3	2611.5	2536.5	2457.7	2480.2
65°	3125.5	3144.3	3125.5	3110.5	3091.8	3073.0	2983.0	2892.9	2802.9	2712.8	2754.1
67.5°	3395.7	3414.5	3407.0	3399.5	3391.9	3384.4	3279.4	3178.1	3073.0	2968.0	3016.7
70°	3677.1	3695.9	3692.1	3688.4	3684.6	3680.9	3553.3	3425.7	3298.1	3170.6	3219.3
72.5°	*3846.0*	*3864.7*	*3857.2*	*3846.0*	*3838.5*	*3827.2*	*3699.6*	*3568.3*	*3440.7*	*3309.4*	*3358.2*
75°	3677.1	3707.1	3718.4	3733.4	3744.6	3755.9	3643.3	3527.0	3414.5	3298.1	3369.4
77.5°	2956.7	2986.7	3050.5	3110.5	3174.3	3234.4	3178.1	3125.5	3069.3	3013.0	3140.6
80°	1647.2	1722.2	1834.8	1951.1	2063.7	2176.2	2213.8	2255.0	2292.6	2330.1	2513.9
82.5°	454.0	491.5	592.8	697.9	799.2	900.5	1016.8	1133.2	1245.7	1362.0	1545.9
85°	127.6	146.3	161.3	176.4	191.4	206.4	243.9	281.4	315.2	352.7	446.5
87.5°	15.0	15.0	18.8	22.5	22.5	26.3	30.0	33.8	33.8	37.5	33.8
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°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	889.3	893.0	896.8	900.5	900.5	904.3	904.3	908.0	908.0	911.8	911.8
5°	769.2	769.2	769.2	772.9	776.7	780.4	784.2	803.0	818.0	836.7	851.7
7.5°	750.4	746.7	746.7	742.9	742.9	739.2	735.4	727.9	716.7	709.2	697.9
10°	637.9	637.9	637.9	626.6	619.1	607.8	596.6	592.8	585.3	581.6	574.1
12.5°	615.4	589.1	562.8	555.3	547.8	540.3	532.8	536.6	540.3	544.1	547.8
15°	514.0	502.8	487.8	484.0	480.3	472.8	469.0	469.0	472.8	472.8	472.8
17.5°	521.5	484.0	446.5	465.3	487.8	506.5	525.3	517.8	510.3	499.0	491.5
20°	559.1	559.1	555.3	544.1	529.1	517.8	502.8	491.5	484.0	472.8	461.5
22.5°	555.3	562.8	570.3	551.6	532.8	510.3	491.5	514.0	532.8	555.3	574.1
25°	592.8	559.1	529.1	544.1	559.1	574.1	589.1	570.3	551.6	532.8	514.0
27.5°	626.6	634.1	645.4	626.6	607.8	589.1	570.3	585.3	600.3	611.6	626.6
30°	645.4	630.4	611.6	619.1	630.4	637.9	645.4	664.1	682.9	697.9	716.7
32.5°	694.1	690.4	690.4	690.4	694.1	694.1	694.1	731.7	765.4	803.0	836.7
35°	750.4	742.9	735.4	742.9	750.4	757.9	765.4	795.5	821.7	851.7	878.0
37.5°	806.7	799.2	795.5	795.5	795.5	795.5	795.5	829.2	863.0	893.0	926.8
40°	878.0	866.7	859.2	855.5	851.7	844.2	840.5	881.8	923.0	964.3	1005.6
42.5°	956.8	945.5	930.5	926.8	923.0	915.5	911.8	956.8	1001.8	1043.1	1088.1
45°	1050.6	1035.6	1020.6	1016.8	1009.3	1005.6	998.1	1043.1	1088.1	1133.2	1178.2
47.5°	1163.2	1155.7	1144.4	1136.9	1125.6	1118.1	1106.9	1151.9	1200.7	1245.7	1290.7
50°	1290.7	1290.7	1287.0	1272.0	1257.0	1242.0	1227.0	1272.0	1317.0	1362.0	1407.1
52.5°	1459.6	1452.1	1444.6	1429.6	1414.6	1395.8	1380.8	1425.8	1467.1	1512.1	1553.4
55°	1662.2	1658.5	1654.7	1632.2	1609.7	1587.2	1564.6	1605.9	1650.9	1692.2	1733.5
57.5°	1913.6	1917.4	1917.4	1887.3	1857.3	1823.5	1793.5	1838.6	1883.6	1924.9	1969.9
60°	2183.8	2195.0	2206.3	2168.7	2131.2	2089.9	2052.4	2093.7	2131.2	2172.5	2210.0
62.5°	2502.7	2521.4	2544.0	2487.7	2431.4	2375.1	2318.8	2363.9	2408.9	2450.2	2495.2
65°	2799.1	2840.4	2881.7	2814.1	2746.6	2679.0	2611.5	2656.5	2705.3	2750.3	2795.4
67.5°	3065.5	3114.3	3163.1	3095.5	3024.2	2956.7	2885.4	2937.9	2990.5	3039.2	3091.8
70°	3268.1	3316.9	3365.7	3301.9	3238.1	3174.3	3110.5	3155.6	3200.6	3245.6	3290.6
72.5°	*3410.7*	*3459.5*	*3508.3*	*3429.5*	*3350.7*	*3268.1*	*3189.3*	*3241.9*	*3294.4*	*3343.2*	*3395.7*
75°	3440.7	3512.0	3583.3	3478.2	3369.4	3264.4	3155.6	3193.1	3230.6	3268.1	3305.6
77.5°	3268.1	3395.7	3523.3	3373.2	3219.3	3069.3	2915.4	2911.7	2904.2	2900.4	2892.9
80°	2697.8	2877.9	3061.8	2885.4	2712.8	2536.5	2360.1	2292.6	2225.0	2157.5	2089.9
82.5°	1729.7	1909.8	2093.7	1898.6	1703.5	1504.6	1309.5	1155.7	1005.6	851.7	697.9
85°	540.3	634.1	727.9	649.1	570.3	491.5	412.7	360.2	307.7	255.1	202.6
87.5°	33.8	30.0	26.3	30.0	30.0	33.8	33.8	30.0	30.0	26.3	22.5
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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	911.8	911.8	908.0	908.0	908.0	911.8	911.8	911.8	911.8	911.8	911.8
5°	859.2	870.5	878.0	885.5	889.3	889.3	893.0	893.0	893.0	893.0	893.0
7.5°	712.9	731.7	746.7	761.7	765.4	769.2	769.2	772.9	772.9	769.2	772.9
10°	577.8	585.3	589.1	592.8	611.6	634.1	652.9	671.6	671.6	671.6	671.6
12.5°	536.6	525.3	510.3	499.0	517.8	536.6	555.3	574.1	574.1	574.1	574.1
15°	487.8	502.8	517.8	532.8	559.1	589.1	615.4	641.6	641.6	641.6	641.6
17.5°	495.3	495.3	499.0	499.0	514.0	525.3	540.3	551.6	555.3	555.3	555.3
20°	480.3	499.0	517.8	536.6	566.6	596.6	622.9	652.9	656.6	660.4	656.6
22.5°	562.8	551.6	536.6	525.3	525.3	525.3	521.5	521.5	525.3	525.3	525.3
25°	547.8	577.8	611.6	641.6	664.1	682.9	705.4	724.2	724.2	720.4	724.2
27.5°	645.4	664.1	682.9	701.7	735.4	765.4	799.2	829.2	836.7	840.5	836.7
30°	765.4	810.5	859.2	904.3	926.8	949.3	971.8	994.3	994.3	994.3	994.3
32.5°	863.0	889.3	915.5	941.8	964.3	990.6	1013.1	1035.6	1035.6	1035.6	1035.6
35°	908.0	938.0	964.3	994.3	1016.8	1039.3	1058.1	1080.6	1084.4	1084.4	1084.4
37.5°	964.3	998.1	1035.6	1069.4	1088.1	1103.1	1121.9	1136.9	1140.7	1144.4	1140.7
40°	1043.1	1080.6	1118.1	1155.7	1170.7	1185.7	1196.9	1211.9	1211.9	1211.9	1211.9
42.5°	1129.4	1166.9	1208.2	1245.7	1260.7	1275.7	1290.7	1305.7	1309.5	1313.3	1309.5
45°	1223.2	1268.2	1313.3	1358.3	1377.0	1395.8	1410.8	1429.6	1433.3	1437.1	1433.3
47.5°	1347.0	1399.6	1455.8	1508.4	1523.4	1538.4	1553.4	1568.4	1568.4	1568.4	1568.4
50°	1478.3	1545.9	1617.2	1684.7	1692.2	1703.5	1711.0	1718.5	1722.2	1722.2	1722.2
52.5°	1632.2	1711.0	1786.0	1864.8	1868.6	1876.1	1879.8	1883.6	1883.6	1879.8	1883.6
55°	1819.8	1902.3	1988.6	2071.2	2071.2	2074.9	2074.9	2074.9	2071.2	2063.7	2071.2
57.5°	2052.4	2135.0	2213.8	2296.3	2292.6	2288.8	2285.1	2281.3	2281.3	2277.6	2281.3
60°	2288.8	2371.4	2450.2	2529.0	2521.4	2510.2	2502.7	2491.4	2487.7	2480.2	2487.7
62.5°	2559.0	2626.5	2690.3	2754.1	2739.1	2724.1	2709.1	2694.0	2694.0	2694.0	2694.0
65°	2844.1	2896.7	2945.4	2994.2	2979.2	2968.0	2952.9	2937.9	2930.4	2922.9	2930.4
67.5°	3129.3	3166.8	3200.6	3238.1	3219.3	3200.6	3181.8	3163.1	3155.6	3144.3	3155.6
70°	3328.2	3365.7	3403.2	3440.7	3422.0	3403.2	3380.7	3361.9	3358.2	3354.4	3358.2
72.5°	*3440.7*	*3485.8*	*3530.8*	*3575.8*	*3564.5*	*3549.5*	*3538.3*	*3523.3*	*3519.5*	*3512.0*	*3519.5*
75°	3339.4	3376.9	3410.7	3444.5	3425.7	3407.0	3388.2	3369.4	3358.2	3343.2	3358.2
77.5°	2892.9	2896.7	2896.7	2896.7	2874.1	2851.6	2829.1	2806.6	2799.1	2787.9	2799.1
80°	2011.2	1932.4	1853.6	1774.8	1699.7	1624.7	1549.6	1474.6	1455.8	1433.3	1455.8
82.5°	634.1	566.6	502.8	435.2	405.2	371.5	341.4	307.7	296.4	281.4	296.4
85°	191.4	180.1	165.1	153.8	142.6	131.3	116.3	105.1	97.6	90.1	97.6
87.5°	18.8	18.8	15.0	11.3	11.3	11.3	11.3	11.3	11.3	7.5	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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	911.8	911.8	911.8	908.0	908.0	908.0	911.8	911.8	911.8	911.8	908.0
5°	893.0	893.0	889.3	889.3	885.5	878.0	870.5	859.2	851.7	836.7	818.0
7.5°	772.9	769.2	769.2	765.4	761.7	746.7	731.7	712.9	697.9	709.2	716.7
10°	671.6	652.9	634.1	611.6	592.8	589.1	585.3	577.8	574.1	581.6	585.3
12.5°	574.1	555.3	536.6	517.8	499.0	510.3	525.3	536.6	547.8	544.1	540.3
15°	641.6	615.4	589.1	559.1	532.8	517.8	502.8	487.8	472.8	472.8	472.8
17.5°	551.6	540.3	525.3	514.0	499.0	499.0	495.3	495.3	491.5	499.0	510.3
20°	652.9	622.9	596.6	566.6	536.6	517.8	499.0	480.3	461.5	472.8	484.0
22.5°	521.5	521.5	525.3	525.3	525.3	536.6	551.6	562.8	574.1	555.3	532.8
25°	724.2	705.4	682.9	664.1	641.6	611.6	577.8	547.8	514.0	532.8	551.6
27.5°	829.2	799.2	765.4	735.4	701.7	682.9	664.1	645.4	626.6	611.6	600.3
30°	994.3	971.8	949.3	926.8	904.3	859.2	810.5	765.4	716.7	697.9	682.9
32.5°	1035.6	1013.1	990.6	964.3	941.8	915.5	889.3	863.0	836.7	803.0	765.4
35°	1080.6	1058.1	1039.3	1016.8	994.3	964.3	938.0	908.0	878.0	851.7	821.7
37.5°	1136.9	1121.9	1103.1	1088.1	1069.4	1035.6	998.1	964.3	926.8	893.0	863.0
40°	1211.9	1196.9	1185.7	1170.7	1155.7	1118.1	1080.6	1043.1	1005.6	964.3	923.0
42.5°	1305.7	1290.7	1275.7	1260.7	1245.7	1208.2	1166.9	1129.4	1088.1	1043.1	1001.8
45°	1429.6	1410.8	1395.8	1377.0	1358.3	1313.3	1268.2	1223.2	1178.2	1133.2	1088.1
47.5°	1568.4	1553.4	1538.4	1523.4	1508.4	1455.8	1399.6	1347.0	1290.7	1245.7	1200.7
50°	1718.5	1711.0	1703.5	1692.2	1684.7	1617.2	1545.9	1478.3	1407.1	1362.0	1317.0
52.5°	1883.6	1879.8	1876.1	1868.6	1864.8	1786.0	1711.0	1632.2	1553.4	1512.1	1467.1
55°	2074.9	2074.9	2074.9	2071.2	2071.2	1988.6	1902.3	1819.8	1733.5	1692.2	1650.9
57.5°	2281.3	2285.1	2288.8	2292.6	2296.3	2213.8	2135.0	2052.4	1969.9	1924.9	1883.6
60°	2491.4	2502.7	2510.2	2521.4	2529.0	2450.2	2371.4	2288.8	2210.0	2172.5	2131.2
62.5°	2694.0	2709.1	2724.1	2739.1	2754.1	2690.3	2626.5	2559.0	2495.2	2450.2	2408.9
65°	2937.9	2952.9	2968.0	2979.2	2994.2	2945.4	2896.7	2844.1	2795.4	2750.3	2705.3
67.5°	3163.1	3181.8	3200.6	3219.3	3238.1	3200.6	3166.8	3129.3	3091.8	3039.2	2990.5
70°	3361.9	3380.7	3403.2	3422.0	3440.7	3403.2	3365.7	3328.2	3290.6	3245.6	3200.6
72.5°	*3523.3*	*3538.3*	*3549.5*	*3564.5*	*3575.8*	*3530.8*	*3485.8*	*3440.7*	*3395.7*	*3343.2*	*3294.4*
75°	3369.4	3388.2	3407.0	3425.7	3444.5	3410.7	3376.9	3339.4	3305.6	3268.1	3230.6
77.5°	2806.6	2829.1	2851.6	2874.1	2896.7	2896.7	2896.7	2892.9	2892.9	2900.4	2904.2
80°	1474.6	1549.6	1624.7	1699.7	1774.8	1853.6	1932.4	2011.2	2089.9	2157.5	2225.0
82.5°	307.7	341.4	371.5	405.2	435.2	502.8	566.6	634.1	697.9	851.7	1005.6
85°	105.1	116.3	131.3	142.6	153.8	165.1	180.1	191.4	202.6	255.1	307.7
87.5°	11.3	11.3	11.3	11.3	11.3	15.0	18.8	18.8	22.5	26.3	30.0
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	908.0	904.3	904.3	900.5	900.5	896.8	893.0	889.3	885.5	881.8	878.0
5°	803.0	784.2	780.4	776.7	772.9	769.2	769.2	769.2	769.2	769.2	769.2
7.5°	727.9	735.4	739.2	742.9	742.9	746.7	746.7	750.4	750.4	750.4	746.7
10°	592.8	596.6	607.8	619.1	626.6	637.9	637.9	637.9	634.1	634.1	652.9
12.5°	536.6	532.8	540.3	547.8	555.3	562.8	589.1	615.4	637.9	664.1	679.1
15°	469.0	469.0	472.8	480.3	484.0	487.8	502.8	514.0	529.1	540.3	562.8
17.5°	517.8	525.3	506.5	487.8	465.3	446.5	484.0	521.5	559.1	596.6	615.4
20°	491.5	502.8	517.8	529.1	544.1	555.3	559.1	559.1	562.8	562.8	562.8
22.5°	514.0	491.5	510.3	532.8	551.6	570.3	562.8	555.3	547.8	540.3	574.1
25°	570.3	589.1	574.1	559.1	544.1	529.1	559.1	592.8	622.9	652.9	641.6
27.5°	585.3	570.3	589.1	607.8	626.6	645.4	634.1	626.6	615.4	604.1	626.6
30°	664.1	645.4	637.9	630.4	619.1	611.6	630.4	645.4	664.1	679.1	675.4
32.5°	731.7	694.1	694.1	694.1	690.4	690.4	690.4	694.1	694.1	694.1	720.4
35°	795.5	765.4	757.9	750.4	742.9	735.4	742.9	750.4	754.2	761.7	795.5
37.5°	829.2	795.5	795.5	795.5	795.5	795.5	799.2	806.7	810.5	814.2	851.7
40°	881.8	840.5	844.2	851.7	855.5	859.2	866.7	878.0	885.5	893.0	926.8
42.5°	956.8	911.8	915.5	923.0	926.8	930.5	945.5	956.8	971.8	983.1	1020.6
45°	1043.1	998.1	1005.6	1009.3	1016.8	1020.6	1035.6	1050.6	1061.9	1076.9	1125.6
47.5°	1151.9	1106.9	1118.1	1125.6	1136.9	1144.4	1155.7	1163.2	1174.4	1181.9	1234.5
50°	1272.0	1227.0	1242.0	1257.0	1272.0	1287.0	1290.7	1290.7	1294.5	1294.5	1362.0
52.5°	1425.8	1380.8	1395.8	1414.6	1429.6	1444.6	1452.1	1459.6	1463.3	1470.8	1538.4
55°	1605.9	1564.6	1587.2	1609.7	1632.2	1654.7	1658.5	1662.2	1662.2	1666.0	1733.5
57.5°	1838.6	1793.5	1823.5	1857.3	1887.3	1917.4	1917.4	1913.6	1913.6	1909.8	1977.4
60°	2093.7	2052.4	2089.9	2131.2	2168.7	2206.3	2195.0	2183.8	2168.7	2157.5	2232.5
62.5°	2363.9	2318.8	2375.1	2431.4	2487.7	2544.0	2521.4	2502.7	2480.2	2457.7	2536.5
65°	2656.5	2611.5	2679.0	2746.6	2814.1	2881.7	2840.4	2799.1	2754.1	2712.8	2802.9
67.5°	2937.9	2885.4	2956.7	3024.2	3095.5	3163.1	3114.3	3065.5	3016.7	2968.0	3073.0
70°	3155.6	3110.5	3174.3	3238.1	3301.9	3365.7	3316.9	3268.1	3219.3	3170.6	3298.1
72.5°	*3241.9*	*3189.3*	*3268.1*	*3350.7*	*3429.5*	*3508.3*	*3459.5*	*3410.7*	*3358.2*	*3309.4*	*3440.7*
75°	3193.1	3155.6	3264.4	3369.4	3478.2	3583.3	3512.0	3440.7	3369.4	3298.1	3414.5
77.5°	2911.7	2915.4	3069.3	3219.3	3373.2	3523.3	3395.7	3268.1	3140.6	3013.0	3069.3
80°	2292.6	2360.1	2536.5	2712.8	2885.4	3061.8	2877.9	2697.8	2513.9	2330.1	2292.6
82.5°	1155.7	1309.5	1504.6	1703.5	1898.6	2093.7	1909.8	1729.7	1545.9	1362.0	1245.7
85°	360.2	412.7	491.5	570.3	649.1	727.9	634.1	540.3	446.5	352.7	315.2
87.5°	30.0	33.8	33.8	30.0	30.0	26.3	30.0	33.8	33.8	37.5	33.8
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°	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
2.5°	874.3	866.7	863.0	851.7	840.5	829.2	818.0	818.0	821.7	821.7	821.7
5°	769.2	769.2	769.2	769.2	769.2	769.2	769.2	769.2	772.9	772.9	772.9
7.5°	742.9	739.2	735.4	731.7	731.7	727.9	724.2	712.9	697.9	686.6	671.6
10°	675.4	694.1	712.9	720.4	727.9	731.7	739.2	739.2	742.9	742.9	742.9
12.5°	697.9	712.9	727.9	724.2	720.4	716.7	712.9	697.9	679.1	664.1	645.4
15°	585.3	604.1	626.6	652.9	682.9	709.2	735.4	739.2	742.9	746.7	750.4
17.5°	637.9	656.6	675.4	682.9	694.1	701.7	709.2	694.1	675.4	660.4	641.6
20°	559.1	559.1	555.3	600.3	649.1	694.1	739.2	746.7	754.2	757.9	765.4
22.5°	604.1	637.9	667.9	664.1	660.4	656.6	652.9	652.9	652.9	649.1	649.1
25°	634.1	622.9	611.6	652.9	690.4	731.7	769.2	776.7	784.2	788.0	795.5
27.5°	652.9	675.4	697.9	690.4	682.9	671.6	664.1	667.9	675.4	679.1	682.9
30°	675.4	671.6	667.9	709.2	746.7	788.0	825.5	829.2	833.0	833.0	836.7
32.5°	742.9	769.2	791.7	810.5	833.0	851.7	870.5	904.3	941.8	975.6	1009.3
35°	829.2	859.2	893.0	930.5	968.1	1005.6	1043.1	1050.6	1061.9	1069.4	1076.9
37.5°	885.5	923.0	956.8	998.1	1039.3	1076.9	1118.1	1125.6	1129.4	1136.9	1140.7
40°	960.6	994.3	1028.1	1073.1	1118.1	1159.4	1204.4	1211.9	1215.7	1223.2	1227.0
42.5°	1054.4	1091.9	1125.6	1170.7	1211.9	1257.0	1298.2	1302.0	1309.5	1313.3	1317.0
45°	1170.7	1219.5	1264.5	1305.7	1343.3	1384.5	1422.1	1425.8	1429.6	1429.6	1433.3
47.5°	1287.0	1335.8	1388.3	1429.6	1470.8	1508.4	1549.6	1557.1	1560.9	1568.4	1572.2
50°	1425.8	1493.4	1557.1	1594.7	1635.9	1673.5	1711.0	1714.7	1722.2	1726.0	1729.7
52.5°	1602.2	1669.7	1733.5	1771.0	1812.3	1849.8	1887.3	1891.1	1891.1	1894.8	1894.8
55°	1801.0	1868.6	1936.1	1973.6	2011.2	2048.7	2086.2	2086.2	2086.2	2082.4	2082.4
57.5°	2044.9	2108.7	2176.2	2213.8	2251.3	2288.8	2326.3	2326.3	2326.3	2326.3	2326.3
60°	2311.3	2386.4	2461.4	2495.2	2529.0	2562.7	2596.5	2589.0	2577.7	2570.2	2559.0
62.5°	2611.5	2690.3	2765.3	2791.6	2814.1	2840.4	2862.9	2851.6	2836.6	2825.4	2810.4
65°	2892.9	2983.0	3073.0	3091.8	3110.5	3125.5	3144.3	3125.5	3106.8	3084.3	3065.5
67.5°	3178.1	3279.4	3384.4	3391.9	3399.5	3407.0	3414.5	3395.7	3376.9	3354.4	3335.7
70°	3425.7	3553.3	3680.9	3684.6	3688.4	3692.1	3695.9	3677.1	3658.4	3635.8	3617.1
72.5°	*3568.3*	*3699.6*	*3827.2*	*3838.5*	*3846.0*	*3857.2*	*3864.7*	*3846.0*	*3830.9*	*3812.2*	*3793.4*
75°	3527.0	3643.3	3755.9	3744.6	3733.4	3718.4	3707.1	3677.1	3647.1	3613.3	3583.3
77.5°	3125.5	3178.1	3234.4	3174.3	3110.5	3050.5	2986.7	2956.7	2922.9	2892.9	2859.1
80°	2255.0	2213.8	2176.2	2063.7	1951.1	1834.8	1722.2	1647.2	1572.2	1497.1	1422.1
82.5°	1133.2	1016.8	900.5	799.2	697.9	592.8	491.5	454.0	412.7	375.2	333.9
85°	281.4	243.9	206.4	191.4	176.4	161.3	146.3	127.6	112.6	93.8	75.0
87.5°	33.8	30.0	26.3	22.5	22.5	18.8	15.0	15.0	15.0	11.3	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):

	357.5°	360°
0°	923.0	923.0
2.5°	821.7	818.0
5°	772.9	772.9
7.5°	667.9	660.4
10°	742.9	742.9
12.5°	649.1	652.9
15°	750.4	750.4
17.5°	641.6	637.9
20°	765.4	765.4
22.5°	649.1	649.1
25°	795.5	791.7
27.5°	682.9	682.9
30°	836.7	836.7
32.5°	1013.1	1016.8
35°	1080.6	1080.6
37.5°	1144.4	1144.4
40°	1227.0	1223.2
42.5°	1320.8	1320.8
45°	1437.1	1437.1
47.5°	1575.9	1579.7
50°	1729.7	1729.7
52.5°	1894.8	1891.1
55°	2082.4	2082.4
57.5°	2315.1	2300.1
60°	2555.2	2551.5
62.5°	2806.6	2799.1
65°	3061.8	3054.3
67.5°	3331.9	3324.4
70°	3617.1	3613.3
72.5°	*3782.2*	*3770.9*
75°	3575.8	3568.3
77.5°	2829.1	2795.4
80°	1403.3	1384.5
82.5°	333.9	333.9
85°	71.3	67.5
87.5°	11.3	11.3
90°	0.0	0.0

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