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: P561042

Luminaire Tested: **SDL-PA1-80-727-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P561042
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)
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-T2R-HSS
Description:	Springdale
	(1) 70 CRI, 2700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6354.1 lumens
Efficiency:	N/A
Efficacy:	77.5 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type II - Medium
BUG Rating:	B0 - 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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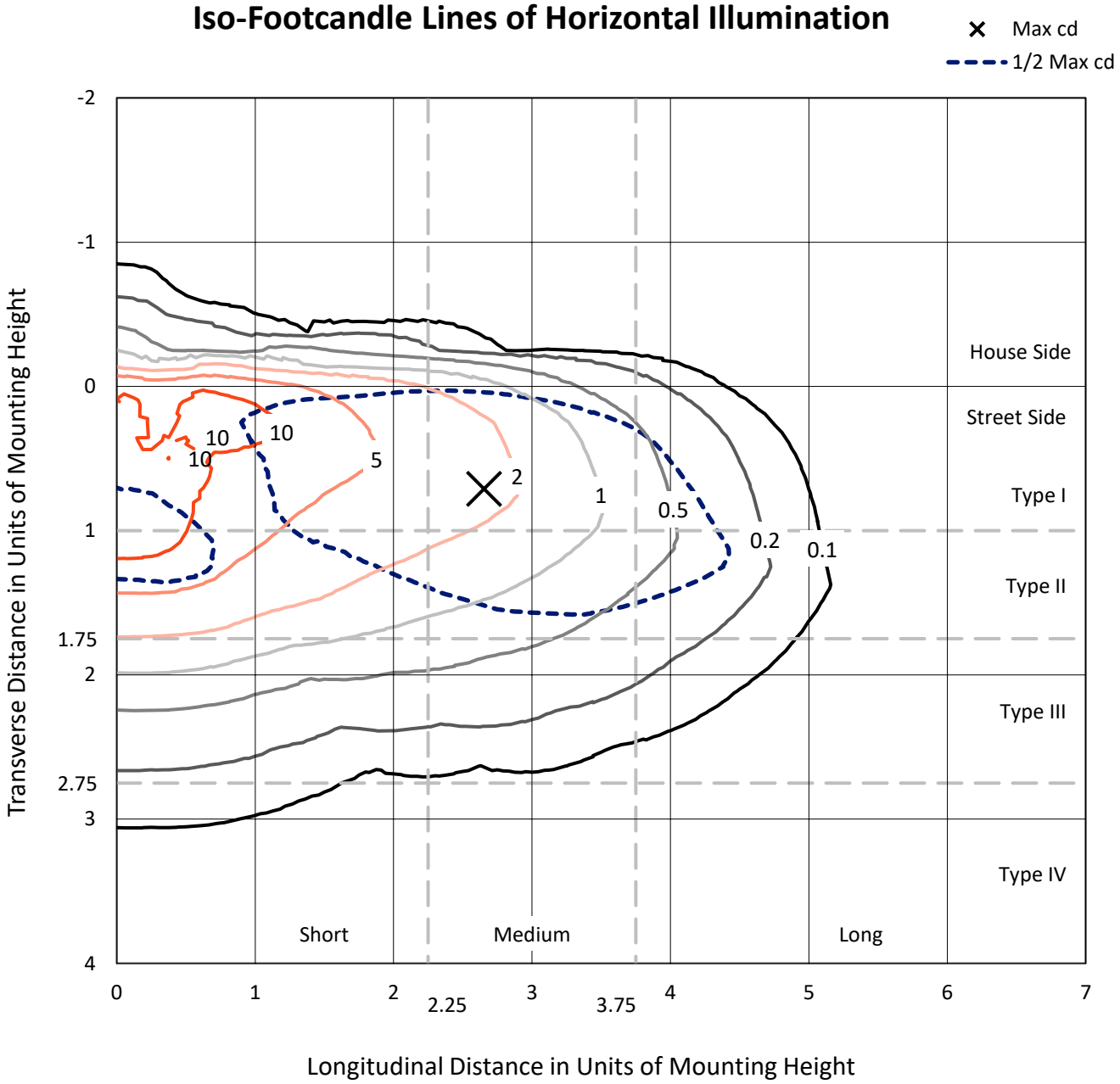
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 17.4 fc
Type II - Medium - N/A

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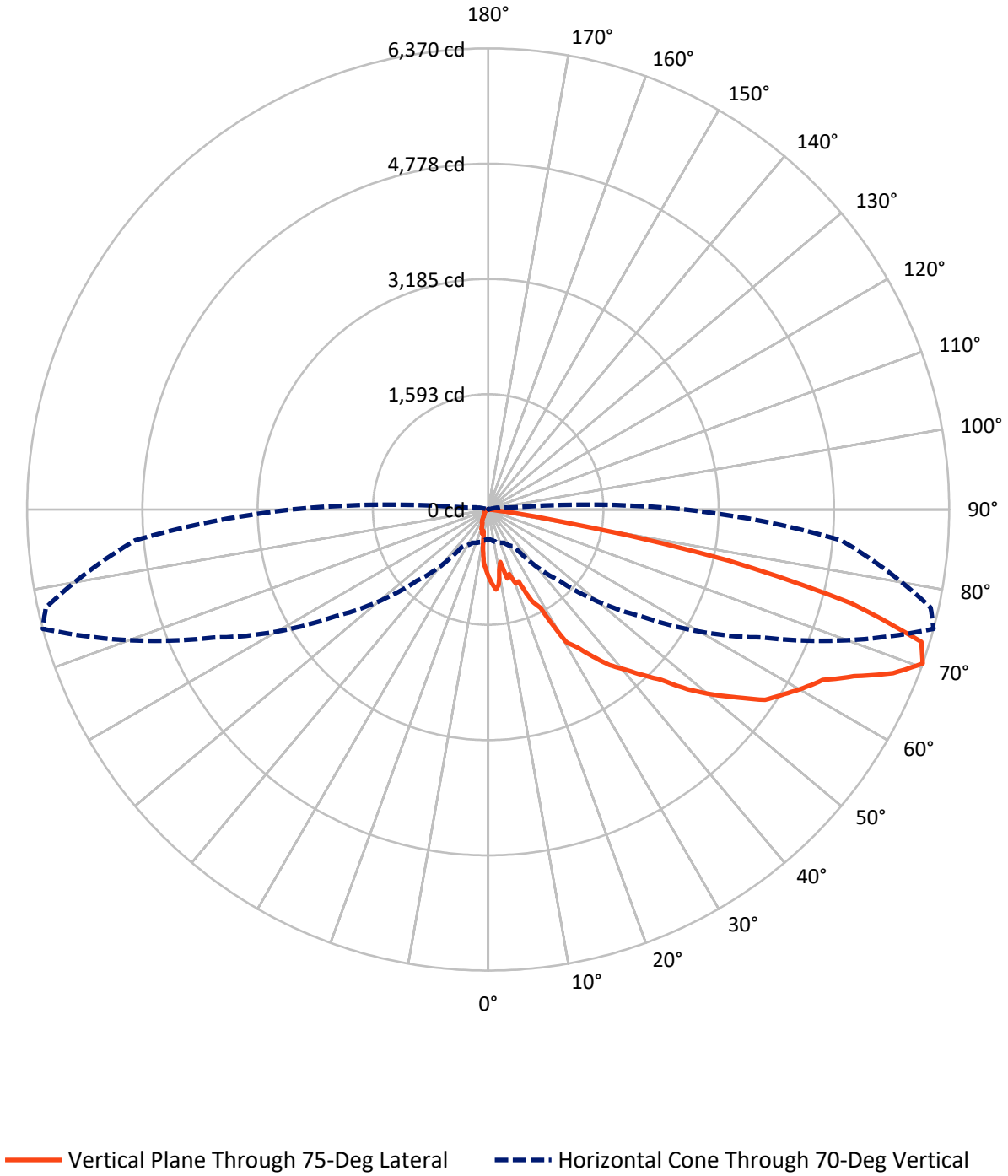
Luminous Intensity Polar Plot



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Scaled Data Report

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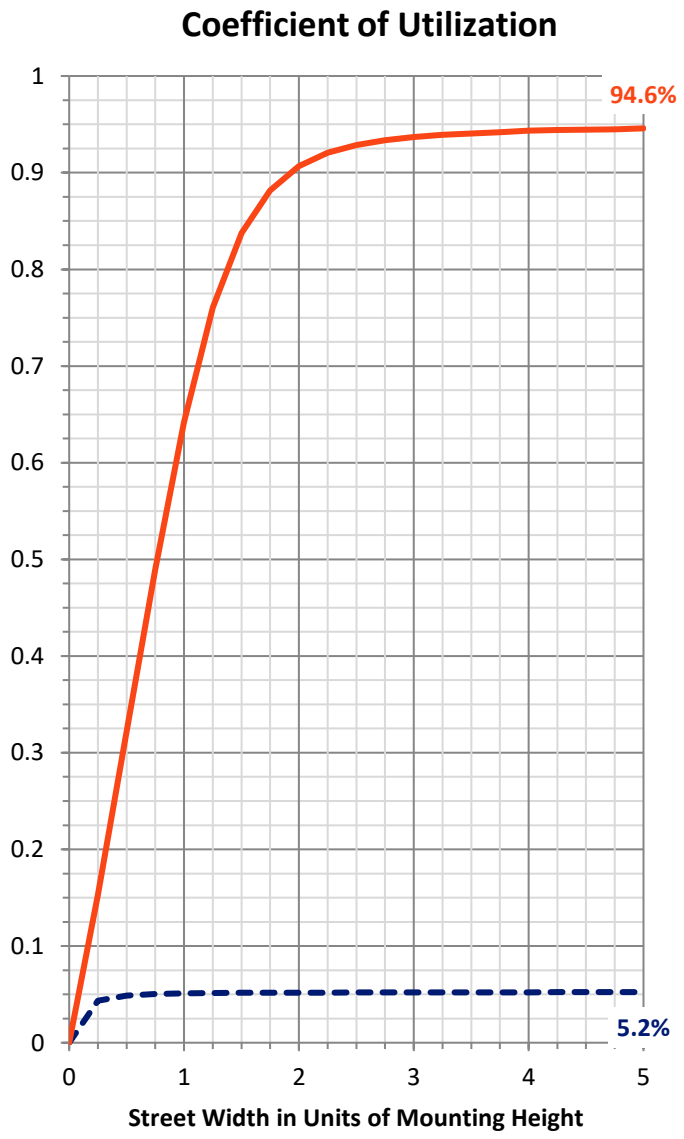
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	335.7	0.0	335.7
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	6018.5	0.0	6018.5
	% Fixture	94.7	0.0	94.7
Total	Lumens	6354.1	0.0	6354.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.6	1.2
10°-20°	183.3	2.9
20°-30°	348.5	5.5
30°-40°	774.5	12.2
40°-50°	1248.6	19.7
50°-60°	1504.9	23.7
60°-70°	1363.9	21.5
70°-80°	812.8	12.8
80°-90°	43.8	0.7
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°	6354.1	100.0
0°-180°	6354.1	100.0



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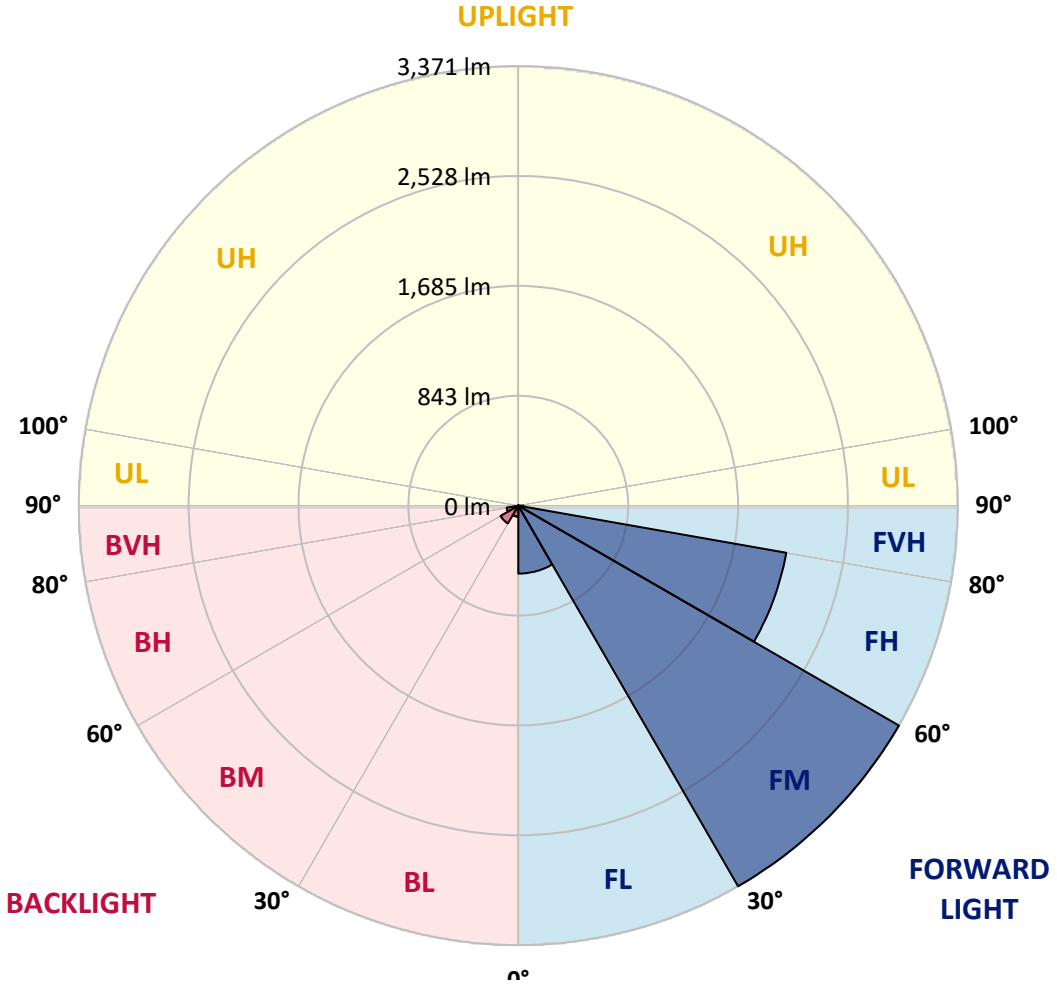
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	521.2	8.2			
FM	(30°-60°)	3370.9	53.1			
FH	(60°-80°)	2086.4	32.8			G2/5000
FVH	(80°-90°)	40.0	0.6			G1/100
BL	(0°-30°)	84.4	1.3	B0/110		
BM	(30°-60°)	157.1	2.5	B0/220		
BH	(60°-80°)	90.4	1.4	B0/110		G0/110
BVH	(80°-90°)	3.8	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	1034.7	1057.4	1080.2	1088.7	1100.1	1108.6	1117.1	1125.6	1134.2	1139.8	1148.4
5°	1176.8	1174.0	1171.1	1168.3	1168.3	1165.4	1162.6	1159.7	1156.9	1151.2	1148.4
7.5°	1031.8	1105.7	1176.8	1179.6	1182.5	1182.5	1185.3	1202.4	1219.4	1233.7	1250.7
10°	1341.7	1341.7	1341.7	1341.7	1341.7	1338.8	1338.8	1341.7	1341.7	1344.5	1344.5
12.5°	1128.5	1145.5	1159.7	1210.9	1259.2	1310.4	1358.7	1370.1	1381.5	1390.0	1401.4
15°	1364.4	1370.1	1375.8	1378.6	1381.5	1381.5	1384.3	1341.7	1299.0	1256.4	1213.8
17.5°	1080.2	1085.8	1088.7	1125.6	1162.6	1199.5	1236.5	1256.4	1279.1	1299.0	1318.9
20°	1384.3	1387.1	1390.0	1392.8	1395.7	1395.7	1398.5	1307.6	1216.6	1125.6	1034.7
22.5°	1156.9	1159.7	1159.7	1168.3	1174.0	1182.5	1188.2	1222.3	1256.4	1290.5	1324.6
25°	1589.0	1589.0	1586.1	1571.9	1560.5	1546.3	1532.1	1446.8	1361.6	1273.4	1188.2
27.5°	1478.1	1481.0	1481.0	1469.6	1458.2	1446.8	1435.5	1452.5	1472.4	1489.5	1506.5
30°	2131.9	2131.9	2131.9	2117.7	2100.6	2086.4	2069.4	1944.3	1819.2	1691.3	1566.2
32.5°	2865.3	2814.1	2760.1	2657.8	2555.4	2450.3	2347.9	2271.2	2194.4	2114.8	2038.1
35°	3192.1	3183.6	3175.1	3138.1	3101.2	3061.4	3024.4	2876.6	2728.8	2578.2	2430.4
37.5°	3467.9	3456.5	3442.3	3413.9	3385.4	3357.0	3328.6	3177.9	3024.4	2873.8	2720.3
40°	3689.6	3681.1	3672.5	3649.8	3627.1	3604.3	3581.6	3419.5	3257.5	3095.5	2933.5
42.5°	3848.8	3848.8	3845.9	3828.9	3809.0	3791.9	3772.0	3610.0	3448.0	3286.0	3123.9
45°	3968.2	3968.2	3968.2	3956.8	3942.6	3931.2	3917.0	3774.9	3635.6	3493.5	3351.3
47.5°	3985.2	3988.1	3990.9	3990.9	3990.9	3990.9	3990.9	3857.3	3726.5	3592.9	3459.3
50°	3828.9	3837.4	3845.9	3860.1	3877.2	3891.4	3905.6	3840.2	3772.0	3706.6	3638.4
52.5°	3411.0	3448.0	3482.1	3519.0	3556.0	3590.1	3627.1	3601.5	3575.9	3550.3	3524.7
55°	2595.2	2618.0	2637.9	2743.0	2848.2	2953.4	3058.5	3104.0	3146.7	3192.1	3234.8
57.5°	2015.3	2023.9	2029.6	2097.8	2166.0	2231.4	2299.6	2413.3	2527.0	2637.9	2751.6
60°	1620.2	1620.2	1620.2	1660.0	1697.0	1736.8	1773.7	1876.1	1978.4	2080.7	2183.1
62.5°	1205.2	1216.6	1228.0	1267.8	1304.7	1344.5	1381.5	1432.6	1483.8	1535.0	1586.1
65°	835.7	849.9	861.3	886.9	915.3	940.9	966.5	1009.1	1054.6	1097.2	1139.8
67.5°	588.4	594.1	599.8	614.0	625.4	639.6	650.9	679.4	704.9	733.4	759.0
70°	*417.9*	*420.7*	*420.7*	*432.1*	*443.4*	*454.8*	*466.2*	*477.5*	*488.9*	*497.4*	*508.8*
72.5°	304.1	307.0	309.8	318.4	324.0	332.6	338.3	343.9	349.6	355.3	361.0
75°	156.3	162.0	164.9	187.6	210.3	233.1	255.8	258.7	261.5	261.5	264.4
77.5°	130.8	133.6	133.6	136.4	139.3	142.1	145.0	159.2	176.2	190.4	204.7
80°	93.8	93.8	91.0	96.6	102.3	108.0	113.7	119.4	125.1	127.9	133.6
82.5°	54.0	56.9	56.9	59.7	62.5	65.4	68.2	73.9	82.4	88.1	93.8
85°	5.7	8.5	11.4	17.1	22.7	28.4	34.1	42.6	48.3	56.9	62.5
87.5°	2.8	2.8	2.8	2.8	5.7	5.7	5.7	8.5	8.5	11.4	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	1154.1	1159.7	1162.6	1168.3	1165.4	1159.7	1156.9	1151.2	1142.7	1134.2	1122.8
5°	1142.7	1137.0	1131.3	1125.6	1117.1	1111.4	1102.9	1094.4	1083.0	1074.5	1063.1
7.5°	1250.7	1247.9	1247.9	1245.0	1236.5	1230.8	1222.3	1213.8	1199.5	1185.3	1171.1
10°	1282.0	1219.4	1154.1	1091.5	1105.7	1120.0	1134.2	1148.4	1105.7	1063.1	1017.6
12.5°	1372.9	1344.5	1316.1	1287.7	1242.2	1193.9	1148.4	1100.1	1077.3	1051.7	1029.0
15°	1182.5	1154.1	1122.8	1091.5	1111.4	1131.3	1151.2	1171.1	1105.7	1037.5	972.1
17.5°	1293.3	1264.9	1239.3	1210.9	1131.3	1051.7	969.3	889.7	957.9	1023.3	1091.5
20°	1057.4	1080.2	1100.1	1122.8	1151.2	1179.6	1205.2	1233.7	1199.5	1165.4	1131.3
22.5°	1279.1	1236.5	1191.0	1145.5	1165.4	1185.3	1202.4	1222.3	1182.5	1142.7	1100.1
25°	1233.7	1282.0	1327.5	1372.9	1301.9	1233.7	1162.6	1091.5	1154.1	1216.6	1279.1
27.5°	1441.2	1375.8	1307.6	1242.2	1301.9	1361.6	1418.4	1478.1	1424.1	1367.3	1313.2
30°	1557.7	1549.2	1537.8	1529.3	1498.0	1469.6	1438.3	1407.0	1424.1	1441.2	1458.2
32.5°	1941.4	1847.6	1751.0	1654.3	1677.1	1699.8	1719.7	1742.5	1716.9	1691.3	1662.9
35°	2305.3	2180.2	2052.3	1927.2	1924.4	1918.7	1915.9	1910.2	1898.8	1887.4	1876.1
37.5°	2578.2	2436.0	2293.9	2151.8	2154.6	2154.6	2157.5	2157.5	2117.7	2077.9	2038.1
40°	2802.7	2672.0	2541.2	2410.5	2399.1	2387.7	2376.3	2365.0	2311.0	2254.1	2200.1
42.5°	2993.2	2865.3	2734.5	2603.7	2583.8	2566.8	2546.9	2527.0	2481.5	2433.2	2387.7
45°	3200.7	3050.0	2899.4	2748.7	2731.7	2714.6	2697.5	2680.5	2643.5	2606.6	2569.6
47.5°	3308.7	3158.0	3004.5	2853.9	2842.5	2828.3	2816.9	2802.7	2782.8	2760.1	2740.2
50°	3462.2	3288.8	3112.6	2936.3	2930.6	2925.0	2916.4	2910.7	2905.1	2902.2	2896.5
52.5°	3391.1	3254.7	3121.1	2984.6	2987.5	2987.5	2990.3	2990.3	3004.5	3018.8	3033.0
55°	3163.7	3095.5	3024.4	2953.4	2967.6	2984.6	2998.9	3013.1	3050.0	3084.1	3121.1
57.5°	2762.9	2774.3	2785.7	2797.0	2848.2	2896.5	2947.7	2996.0	3050.0	3101.2	3155.2
60°	2245.6	2308.1	2367.8	2430.4	2549.7	2669.1	2788.5	2907.9	2990.3	3069.9	3152.4
62.5°	1674.2	1762.4	1850.5	1938.6	2123.4	2311.0	2495.7	2680.5	2805.6	2927.8	3052.9
65°	1222.3	1304.7	1384.3	1466.7	1688.5	1910.2	2131.9	2353.6	2532.7	2708.9	2888.0
67.5°	818.6	878.3	935.2	994.9	1219.4	1444.0	1668.6	1893.1	2140.4	2387.7	2632.2
70°	*540.1*	*568.5*	*599.8*	*628.2*	*821.5*	*1011.9*	*1205.2*	*1395.7*	*1688.5*	*1978.4*	*2271.2*
72.5°	369.5	378.1	386.6	395.1	525.9	656.6	787.4	918.1	1213.8	1509.4	1802.2
75°	264.4	261.5	261.5	258.7	335.4	412.2	486.1	562.8	793.1	1020.5	1250.7
77.5°	201.8	196.1	193.3	187.6	224.6	261.5	298.5	335.4	443.4	554.3	662.3
80°	127.9	122.2	113.7	108.0	122.2	136.4	150.7	164.9	181.9	199.0	216.0
82.5°	93.8	93.8	93.8	93.8	93.8	96.6	96.6	96.6	91.0	85.3	76.7
85°	59.7	56.9	54.0	51.2	45.5	39.8	34.1	28.4	31.3	34.1	34.1
87.5°	11.4	8.5	8.5	5.7	5.7	5.7	5.7	5.7	8.5	8.5	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	*932.3*	932.3	932.3
2.5°	1114.3	1102.9	1091.5	1080.2	1068.8	1057.4	1046.0	1034.7	*1023.3*	1006.3	992.0
5°	1051.7	1083.0	1117.1	1148.4	1179.6	1162.6	1145.5	1128.5	*1111.4*	1083.0	1054.6
7.5°	1156.9	1120.0	1085.8	1051.7	1014.8	1023.3	1031.8	1040.4	*1048.9*	1023.3	989.2
10°	975.0	955.1	935.2	915.3	895.4	884.0	869.8	858.4	*844.2*	915.3	886.9
12.5°	1003.4	994.9	986.4	975.0	966.5	909.6	855.6	798.7	*741.9*	719.2	727.7
15°	903.9	895.4	886.9	878.3	869.8	898.2	929.5	957.9	*986.4*	980.7	975.0
17.5°	1156.9	1120.0	1085.8	1048.9	1011.9	994.9	975.0	957.9	*938.0*	906.8	898.2
20°	1097.2	1057.4	1017.6	977.8	938.0	977.8	1014.8	1054.6	*1091.5*	1156.9	1137.0
22.5°	1060.3	1125.6	1193.9	1259.2	1324.6	1262.1	1202.4	1139.8	*1077.3*	1097.2	1000.6
25°	1341.7	1293.3	1247.9	1199.5	1151.2	1213.8	1276.3	1338.8	*1401.4*	1372.9	1327.5
27.5°	1256.4	1304.7	1350.2	1398.5	1444.0	1466.7	1492.3	1515.1	*1537.8*	1481.0	1492.3
30°	1475.3	1535.0	1591.8	1651.5	1708.4	1813.5	1915.9	2021.0	*2123.4*	2100.6	2009.7
32.5°	1637.3	1736.8	1836.3	1932.9	2032.4	2092.1	2154.6	2214.3	*2274.0*	2279.7	2166.0
35°	1864.7	1932.9	2001.1	2069.4	2137.6	2228.5	2316.7	2407.6	*2495.7*	2444.6	2316.7
37.5°	1998.3	2069.4	2143.3	2214.3	2285.4	2396.2	2507.1	2615.1	*2726.0*	2615.1	2475.8
40°	2143.3	2220.0	2299.6	2376.3	2453.1	2566.8	2677.7	2791.4	*2902.2*	2896.5	2706.1
42.5°	2339.4	2416.1	2495.7	2572.5	2649.2	2768.6	2888.0	3004.5	*3123.9*	3121.1	2905.1
45°	2532.7	2603.7	2672.0	2743.0	2811.3	2947.7	3084.1	3220.6	*3357.0*	3371.2	3126.8
47.5°	2717.4	2780.0	2842.5	2905.1	2967.6	3155.2	3340.0	3527.6	*3712.3*	3624.2	3359.9
50°	2890.8	2953.4	3015.9	3078.4	3141.0	3359.9	3581.6	3800.4	*4019.3*	3902.8	3618.5
52.5°	3047.2	3123.9	3203.5	3280.3	3357.0	3595.8	3834.6	4073.3	*4312.1*	4192.7	3899.9
55°	3155.2	3263.2	3368.4	3476.4	3581.6	3845.9	4113.1	4377.5	*4641.8*	4505.4	4167.1
57.5°	3206.4	3334.3	3465.0	3592.9	3720.9	3993.7	4269.5	4542.3	*4815.2*	4678.8	4332.0
60°	3231.9	3379.8	3527.6	3672.5	3820.3	4116.0	4414.4	4710.1	*5005.7*	4889.1	4536.7
62.5°	3175.1	3362.7	3553.1	3740.8	3928.4	4243.9	4559.4	4872.1	*5187.6*	5110.8	4775.4
65°	3064.2	3311.5	3561.7	3809.0	4056.3	4431.5	4806.7	5179.1	*5554.3*	5471.8	5136.4
67.5°	2879.5	3203.5	3527.6	3851.6	4175.7	4641.8	5105.2	5571.3	*6034.7*	5952.2	5568.5
70°	*2561.1*	*2967.6*	*3374.1*	*3777.7*	*4184.2*	*4729.9*	*5278.6*	*5824.3*	*6370.1*	*6262.1*	*5807.3*
72.5°	2097.8	2555.4	3013.1	3467.9	3925.5	4508.2	5093.8	5676.5	*6259.2*	6054.6	5537.2
75°	1478.1	1896.0	2313.8	2728.8	3146.7	3658.3	4170.0	4678.8	*5190.4*	4928.9	4423.0
77.5°	770.3	1029.0	1284.8	1543.5	1799.3	2200.1	2598.1	2998.9	*3396.8*	2927.8	2546.9
80°	233.1	341.1	446.3	554.3	659.5	753.3	847.1	938.0	*1031.8*	767.5	636.7
82.5°	71.1	93.8	113.7	136.4	156.3	156.3	156.3	153.5	*153.5*	122.2	102.3
85°	37.0	39.8	39.8	42.6	42.6	42.6	39.8	39.8	*37.0*	37.0	31.3
87.5°	11.4	11.4	14.2	14.2	14.2	14.2	14.2	11.4	*11.4*	11.4	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	980.7	966.5	952.2	935.2	918.1	901.1	884.0	867.0	849.9	832.9	818.6
5°	1029.0	1000.6	972.1	940.9	906.8	872.7	841.4	810.1	776.0	744.7	716.3
7.5°	955.1	921.0	878.3	835.7	793.1	750.4	704.9	662.3	616.8	571.3	534.4
10°	855.6	827.2	781.7	733.4	682.2	628.2	568.5	508.8	449.1	389.4	363.8
12.5°	733.4	741.9	693.6	645.3	591.2	537.2	480.4	423.5	363.8	307.0	289.9
15°	969.3	963.6	901.1	838.5	756.1	673.7	591.2	506.0	423.5	338.3	295.6
17.5°	886.9	878.3	810.1	741.9	668.0	594.1	517.3	437.7	361.0	281.4	241.6
20°	1120.0	1100.1	1014.8	926.7	818.6	707.8	599.8	491.8	383.7	275.7	230.2
22.5°	903.9	807.3	739.1	670.8	585.6	497.4	426.4	352.5	281.4	207.5	179.1
25°	1279.1	1233.7	1117.1	997.7	847.1	696.4	574.2	452.0	329.7	207.5	173.4
27.5°	1503.7	1515.1	1355.9	1196.7	1006.3	815.8	656.6	497.4	338.3	179.1	153.5
30°	1918.7	1827.7	1640.1	1449.7	1182.5	912.4	724.8	537.2	349.6	162.0	139.3
32.5°	2055.1	1941.4	1728.3	1512.2	1199.5	884.0	696.4	508.8	318.4	130.8	116.5
35°	2191.6	2063.7	1819.2	1574.8	1216.6	855.6	668.0	483.2	295.6	108.0	99.5
37.5°	2336.5	2197.3	1924.4	1648.7	1233.7	818.6	639.6	457.6	278.6	96.6	88.1
40°	2518.5	2328.0	2026.7	1722.6	1250.7	778.8	605.5	434.9	261.5	88.1	79.6
42.5°	2691.9	2475.8	2140.4	1802.2	1270.6	739.1	574.2	412.2	247.3	82.4	73.9
45°	2885.2	2640.7	2276.9	1910.2	1299.0	687.9	534.4	380.9	227.4	73.9	65.4
47.5°	3095.5	2831.1	2424.7	2018.2	1327.5	636.7	494.6	355.3	213.2	71.1	62.5
50°	3334.3	3050.0	2603.7	2154.6	1384.3	611.1	474.7	338.3	201.8	65.4	56.9
52.5°	3610.0	3317.2	2816.9	2313.8	1452.5	588.4	457.6	324.0	193.3	59.7	51.2
55°	3831.7	3493.5	2939.2	2382.0	1466.7	548.6	426.4	301.3	179.1	54.0	48.3
57.5°	3988.1	3641.3	3055.7	2470.1	1492.3	511.7	395.1	281.4	164.9	48.3	42.6
60°	4181.3	3828.9	3200.7	2569.6	1523.6	477.5	369.5	261.5	150.7	42.6	37.0
62.5°	4440.0	4104.6	3408.2	2708.9	1574.8	437.7	338.3	238.8	136.4	37.0	34.1
65°	4798.2	4462.8	3652.6	2842.5	1623.1	400.8	309.8	218.9	125.1	34.1	31.3
67.5°	5181.9	4798.2	3845.9	2890.8	1623.1	355.3	275.7	193.3	113.7	31.3	28.4
70°	*5352.5*	*4897.7*	*3814.7*	*2728.8*	*1506.5*	*284.3*	*221.7*	*156.3*	*93.8*	*28.4*	*25.6*
72.5°	5022.7	4505.4	3391.1	2276.9	1228.0	179.1	139.3	102.3	62.5	22.7	19.9
75°	3914.1	3408.2	2529.8	1648.7	869.8	88.1	71.1	54.0	34.1	17.1	14.2
77.5°	2168.8	1787.9	1299.0	810.1	432.1	51.2	42.6	34.1	22.7	14.2	14.2
80°	508.8	378.1	275.7	170.6	102.3	31.3	25.6	22.7	17.1	11.4	11.4
82.5°	82.4	62.5	45.5	28.4	22.7	17.1	14.2	14.2	11.4	8.5	8.5
85°	25.6	19.9	17.1	11.4	11.4	8.5	8.5	8.5	5.7	5.7	5.7
87.5°	8.5	8.5	8.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
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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CATALOG NUMBER: SDL-PA1-80-727-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	801.6	787.4	770.3	759.0	747.6	733.4	722.0	710.6	699.3	687.9	676.5
5°	687.9	656.6	628.2	591.2	551.4	514.5	474.7	457.6	443.4	426.4	409.3
7.5°	497.4	460.5	423.5	409.3	395.1	378.1	363.8	349.6	335.4	321.2	307.0
10°	341.1	315.5	289.9	278.6	267.2	253.0	241.6	230.2	218.9	204.7	193.3
12.5°	272.9	253.0	235.9	216.0	196.1	176.2	156.3	150.7	145.0	136.4	130.8
15°	250.1	207.5	162.0	147.8	136.4	122.2	108.0	105.2	105.2	102.3	99.5
17.5°	201.8	162.0	122.2	116.5	108.0	102.3	93.8	88.1	82.4	76.7	71.1
20°	184.8	139.3	93.8	91.0	88.1	82.4	79.6	76.7	76.7	73.9	71.1
22.5°	153.5	125.1	96.6	88.1	79.6	71.1	62.5	62.5	65.4	65.4	65.4
25°	139.3	105.2	71.1	71.1	68.2	68.2	65.4	62.5	56.9	54.0	48.3
27.5°	127.9	102.3	76.7	71.1	65.4	59.7	54.0	54.0	51.2	51.2	48.3
30°	119.4	96.6	73.9	68.2	65.4	59.7	54.0	51.2	48.3	42.6	39.8
32.5°	105.2	91.0	76.7	71.1	62.5	56.9	48.3	45.5	42.6	37.0	34.1
35°	91.0	79.6	71.1	65.4	56.9	51.2	42.6	39.8	37.0	34.1	31.3
37.5°	79.6	71.1	62.5	56.9	51.2	42.6	37.0	34.1	31.3	28.4	25.6
40°	71.1	62.5	54.0	48.3	42.6	37.0	31.3	28.4	28.4	25.6	22.7
42.5°	65.4	56.9	48.3	42.6	39.8	34.1	28.4	25.6	22.7	19.9	17.1
45°	59.7	51.2	42.6	39.8	34.1	31.3	25.6	22.7	19.9	17.1	14.2
47.5°	54.0	45.5	37.0	34.1	31.3	25.6	22.7	19.9	17.1	14.2	11.4
50°	51.2	42.6	34.1	31.3	28.4	22.7	19.9	17.1	17.1	14.2	11.4
52.5°	45.5	37.0	28.4	25.6	22.7	19.9	17.1	14.2	14.2	11.4	8.5
55°	39.8	34.1	25.6	22.7	19.9	17.1	14.2	11.4	11.4	8.5	5.7
57.5°	37.0	28.4	22.7	19.9	17.1	14.2	11.4	11.4	8.5	8.5	5.7
60°	31.3	25.6	19.9	17.1	14.2	11.4	8.5	8.5	5.7	5.7	2.8
62.5°	28.4	25.6	19.9	17.1	14.2	11.4	8.5	8.5	5.7	5.7	2.8
65°	25.6	22.7	17.1	14.2	14.2	11.4	8.5	8.5	5.7	5.7	2.8
67.5°	25.6	19.9	17.1	14.2	11.4	8.5	5.7	5.7	5.7	2.8	2.8
70°	*19.9*	*17.1*	*11.4*	*11.4*	*8.5*	*8.5*	*5.7*	*5.7*	*5.7*	*2.8*	*2.8*
72.5°	17.1	14.2	11.4	11.4	8.5	8.5	5.7	5.7	5.7	2.8	2.8
75°	14.2	11.4	8.5	8.5	8.5	5.7	5.7	5.7	5.7	2.8	2.8
77.5°	11.4	11.4	8.5	8.5	8.5	5.7	5.7	5.7	5.7	2.8	2.8
80°	8.5	8.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	2.8	2.8
82.5°	8.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	2.8	2.8
85°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	2.8	2.8
87.5°	5.7	5.7	5.7	5.7	8.5	8.5	8.5	8.5	5.7	5.7	2.8
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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CATALOG NUMBER: SDL-PA1-80-727-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	665.1	650.9	639.6	625.4	605.5	582.7	562.8	540.1	537.2	534.4	528.7
5°	400.8	392.3	383.7	375.2	369.5	363.8	358.2	352.5	346.8	343.9	338.3
7.5°	295.6	284.3	272.9	261.5	253.0	247.3	238.8	230.2	224.6	216.0	210.3
10°	181.9	167.7	156.3	142.1	147.8	153.5	156.3	162.0	162.0	159.2	159.2
12.5°	130.8	130.8	130.8	130.8	130.8	130.8	127.9	127.9	127.9	125.1	125.1
15°	96.6	93.8	91.0	88.1	88.1	88.1	85.3	85.3	91.0	93.8	99.5
17.5°	73.9	76.7	76.7	79.6	82.4	85.3	85.3	88.1	88.1	91.0	91.0
20°	71.1	71.1	68.2	68.2	65.4	65.4	62.5	59.7	62.5	68.2	71.1
22.5°	62.5	56.9	54.0	48.3	51.2	56.9	59.7	62.5	62.5	62.5	62.5
25°	51.2	51.2	54.0	54.0	51.2	48.3	45.5	42.6	45.5	48.3	48.3
27.5°	45.5	42.6	39.8	37.0	39.8	39.8	42.6	42.6	42.6	42.6	39.8
30°	39.8	39.8	37.0	37.0	37.0	34.1	34.1	31.3	34.1	34.1	37.0
32.5°	34.1	31.3	31.3	28.4	28.4	31.3	31.3	31.3	31.3	31.3	31.3
35°	31.3	28.4	28.4	25.6	25.6	25.6	25.6	25.6	28.4	28.4	31.3
37.5°	25.6	22.7	22.7	19.9	19.9	22.7	22.7	22.7	22.7	25.6	25.6
40°	22.7	19.9	19.9	17.1	17.1	19.9	19.9	19.9	19.9	22.7	22.7
42.5°	17.1	17.1	14.2	14.2	14.2	17.1	17.1	17.1	17.1	19.9	19.9
45°	14.2	14.2	11.4	11.4	11.4	14.2	14.2	14.2	14.2	14.2	14.2
47.5°	11.4	11.4	8.5	8.5	8.5	11.4	11.4	11.4	11.4	11.4	11.4
50°	11.4	8.5	8.5	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5
52.5°	8.5	8.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	5.7	5.7	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8
57.5°	5.7	5.7	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8
60°	2.8	2.8	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8
62.5°	2.8	2.8	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	5.7
65°	2.8	2.8	2.8	2.8	5.7	5.7	8.5	8.5	8.5	8.5	5.7
67.5°	2.8	2.8	2.8	2.8	5.7	5.7	8.5	8.5	8.5	5.7	5.7
70°	*2.8*	*5.7*	*5.7*	*5.7*	*5.7*	*8.5*	*8.5*	*8.5*	*8.5*	*8.5*	*5.7*
72.5°	2.8	5.7	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	5.7
75°	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.7
77.5°	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.7
80°	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.7
82.5°	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.7
85°	5.7	8.5	8.5	11.4	11.4	11.4	8.5	8.5	8.5	8.5	5.7
87.5°	5.7	8.5	8.5	11.4	11.4	11.4	8.5	8.5	8.5	8.5	5.7
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	525.9	520.2	514.5	506.0	500.3	506.0	511.7	506.0	500.3	506.0	514.5
5°	332.6	329.7	329.7	326.9	324.0	324.0	321.2	324.0	324.0	326.9	329.7
7.5°	201.8	199.0	196.1	190.4	187.6	193.3	196.1	193.3	187.6	190.4	196.1
10°	156.3	156.3	153.5	153.5	150.7	150.7	150.7	150.7	150.7	153.5	153.5
12.5°	122.2	119.4	116.5	113.7	110.9	116.5	119.4	116.5	110.9	113.7	116.5
15°	102.3	102.3	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
17.5°	91.0	88.1	88.1	85.3	82.4	82.4	79.6	82.4	82.4	85.3	88.1
20°	73.9	73.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
22.5°	62.5	59.7	59.7	56.9	54.0	54.0	51.2	54.0	54.0	56.9	59.7
25°	51.2	51.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
27.5°	39.8	39.8	39.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	39.8
30°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
32.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
35°	31.3	31.3	31.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	31.3
37.5°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
40°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
42.5°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
45°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
47.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
50°	8.5	8.5	8.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	8.5
52.5°	5.7	5.7	5.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.7
55°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
57.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
60°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
62.5°	5.7	5.7	5.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.7
65°	5.7	5.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	2.8	2.8
67.5°	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
70°	*5.7*	*5.7*	*2.8*	*2.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2.8*	*2.8*
72.5°	5.7	5.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	2.8	2.8
75°	5.7	5.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	2.8	2.8
77.5°	5.7	5.7	5.7	2.8	2.8	2.8	0.0	2.8	2.8	2.8	5.7
80°	5.7	5.7	5.7	2.8	2.8	2.8	0.0	2.8	2.8	2.8	5.7
82.5°	5.7	5.7	5.7	2.8	2.8	2.8	0.0	2.8	2.8	2.8	5.7
85°	5.7	5.7	5.7	2.8	2.8	2.8	0.0	2.8	2.8	2.8	5.7
87.5°	5.7	5.7	5.7	2.8	2.8	2.8	0.0	2.8	2.8	2.8	5.7
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	520.2	525.9	528.7	534.4	537.2	540.1	562.8	582.7	605.5	625.4	639.6
5°	329.7	332.6	338.3	343.9	346.8	352.5	358.2	363.8	369.5	375.2	383.7
7.5°	199.0	201.8	210.3	216.0	224.6	230.2	238.8	247.3	253.0	261.5	272.9
10°	156.3	156.3	159.2	159.2	162.0	162.0	156.3	153.5	147.8	142.1	156.3
12.5°	119.4	122.2	125.1	125.1	127.9	127.9	127.9	130.8	130.8	130.8	130.8
15°	102.3	102.3	99.5	93.8	91.0	85.3	85.3	88.1	88.1	88.1	91.0
17.5°	88.1	91.0	91.0	91.0	88.1	88.1	85.3	85.3	82.4	79.6	76.7
20°	73.9	73.9	71.1	68.2	62.5	59.7	62.5	65.4	65.4	68.2	68.2
22.5°	59.7	62.5	62.5	62.5	62.5	62.5	59.7	56.9	51.2	48.3	54.0
25°	51.2	51.2	48.3	48.3	45.5	42.6	45.5	48.3	51.2	54.0	54.0
27.5°	39.8	39.8	39.8	42.6	42.6	42.6	42.6	39.8	39.8	37.0	39.8
30°	37.0	37.0	37.0	34.1	34.1	31.3	34.1	34.1	37.0	37.0	37.0
32.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	28.4	28.4	31.3
35°	31.3	31.3	31.3	28.4	28.4	25.6	25.6	25.6	25.6	25.6	28.4
37.5°	25.6	25.6	25.6	25.6	22.7	22.7	22.7	22.7	19.9	19.9	22.7
40°	22.7	22.7	22.7	22.7	19.9	19.9	19.9	19.9	17.1	17.1	19.9
42.5°	19.9	19.9	19.9	19.9	17.1	17.1	17.1	17.1	14.2	14.2	14.2
45°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	11.4	11.4	11.4
47.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	8.5	8.5	8.5
50°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.7	5.7	8.5
52.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8
57.5°	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8
60°	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8
62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8
65°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	5.7	5.7	2.8	2.8
67.5°	2.8	2.8	5.7	5.7	8.5	8.5	8.5	5.7	5.7	2.8	2.8
70°	*5.7*	*5.7*	*5.7*	*8.5*	*8.5*	*8.5*	*8.5*	*8.5*	*5.7*	*5.7*	*5.7*
72.5°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	5.7	5.7	5.7
75°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	11.4	11.4	11.4	8.5
87.5°	5.7	5.7	5.7	8.5	8.5	8.5	8.5	11.4	11.4	11.4	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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	650.9	665.1	676.5	687.9	699.3	710.6	722.0	733.4	747.6	759.0	770.3
5°	392.3	400.8	409.3	426.4	443.4	457.6	474.7	514.5	551.4	591.2	628.2
7.5°	284.3	295.6	307.0	321.2	335.4	349.6	363.8	378.1	395.1	409.3	423.5
10°	167.7	181.9	193.3	204.7	218.9	230.2	241.6	253.0	267.2	278.6	289.9
12.5°	130.8	130.8	130.8	136.4	145.0	150.7	156.3	176.2	196.1	216.0	235.9
15°	93.8	96.6	99.5	102.3	105.2	105.2	108.0	122.2	136.4	147.8	162.0
17.5°	76.7	73.9	71.1	76.7	82.4	88.1	93.8	102.3	108.0	116.5	122.2
20°	71.1	71.1	71.1	73.9	76.7	76.7	79.6	82.4	88.1	91.0	93.8
22.5°	56.9	62.5	65.4	65.4	65.4	62.5	62.5	71.1	79.6	88.1	96.6
25°	51.2	51.2	48.3	54.0	56.9	62.5	65.4	68.2	68.2	71.1	71.1
27.5°	42.6	45.5	48.3	51.2	51.2	54.0	54.0	59.7	65.4	71.1	76.7
30°	39.8	39.8	39.8	42.6	48.3	51.2	54.0	59.7	65.4	68.2	73.9
32.5°	31.3	34.1	34.1	37.0	42.6	45.5	48.3	56.9	62.5	71.1	76.7
35°	28.4	31.3	31.3	34.1	37.0	39.8	42.6	51.2	56.9	65.4	71.1
37.5°	22.7	25.6	25.6	28.4	31.3	34.1	37.0	42.6	51.2	56.9	62.5
40°	19.9	22.7	22.7	25.6	28.4	28.4	31.3	37.0	42.6	48.3	54.0
42.5°	17.1	17.1	17.1	19.9	22.7	25.6	28.4	34.1	39.8	42.6	48.3
45°	14.2	14.2	14.2	17.1	19.9	22.7	25.6	31.3	34.1	39.8	42.6
47.5°	11.4	11.4	11.4	14.2	17.1	19.9	22.7	25.6	31.3	34.1	37.0
50°	8.5	11.4	11.4	14.2	17.1	17.1	19.9	22.7	28.4	31.3	34.1
52.5°	8.5	8.5	8.5	11.4	14.2	14.2	17.1	19.9	22.7	25.6	28.4
55°	5.7	5.7	5.7	8.5	11.4	11.4	14.2	17.1	19.9	22.7	25.6
57.5°	5.7	5.7	5.7	8.5	8.5	11.4	11.4	14.2	17.1	19.9	22.7
60°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	11.4	14.2	17.1	19.9
62.5°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	11.4	14.2	17.1	19.9
65°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	11.4	14.2	14.2	17.1
67.5°	2.8	2.8	2.8	2.8	5.7	5.7	5.7	8.5	11.4	14.2	17.1
70°	*5.7*	*2.8*	*2.8*	*2.8*	*5.7*	*5.7*	*5.7*	*8.5*	*8.5*	*11.4*	*11.4*
72.5°	5.7	2.8	2.8	2.8	5.7	5.7	5.7	8.5	8.5	11.4	11.4
75°	5.7	5.7	2.8	2.8	5.7	5.7	5.7	5.7	8.5	8.5	8.5
77.5°	5.7	5.7	2.8	2.8	5.7	5.7	5.7	5.7	8.5	8.5	8.5
80°	5.7	5.7	2.8	2.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
82.5°	5.7	5.7	2.8	2.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	8.5	5.7	2.8	2.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
87.5°	8.5	5.7	2.8	5.7	5.7	8.5	8.5	8.5	8.5	5.7	5.7
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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	787.4	801.6	818.6	832.9	849.9	867.0	884.0	901.1	918.1	935.2	952.2
5°	656.6	687.9	716.3	744.7	776.0	810.1	841.4	872.7	906.8	940.9	972.1
7.5°	460.5	497.4	534.4	571.3	616.8	662.3	704.9	750.4	793.1	835.7	878.3
10°	315.5	341.1	363.8	389.4	449.1	508.8	568.5	628.2	682.2	733.4	781.7
12.5°	253.0	272.9	289.9	307.0	363.8	423.5	480.4	537.2	591.2	645.3	693.6
15°	207.5	250.1	295.6	338.3	423.5	506.0	591.2	673.7	756.1	838.5	901.1
17.5°	162.0	201.8	241.6	281.4	361.0	437.7	517.3	594.1	668.0	741.9	810.1
20°	139.3	184.8	230.2	275.7	383.7	491.8	599.8	707.8	818.6	926.7	1014.8
22.5°	125.1	153.5	179.1	207.5	281.4	352.5	426.4	497.4	585.6	670.8	739.1
25°	105.2	139.3	173.4	207.5	329.7	452.0	574.2	696.4	847.1	997.7	1117.1
27.5°	102.3	127.9	153.5	179.1	338.3	497.4	656.6	815.8	1006.3	1196.7	1355.9
30°	96.6	119.4	139.3	162.0	349.6	537.2	724.8	912.4	1182.5	1449.7	1640.1
32.5°	91.0	105.2	116.5	130.8	318.4	508.8	696.4	884.0	1199.5	1512.2	1728.3
35°	79.6	91.0	99.5	108.0	295.6	483.2	668.0	855.6	1216.6	1574.8	1819.2
37.5°	71.1	79.6	88.1	96.6	278.6	457.6	639.6	818.6	1233.7	1648.7	1924.4
40°	62.5	71.1	79.6	88.1	261.5	434.9	605.5	778.8	1250.7	1722.6	2026.7
42.5°	56.9	65.4	73.9	82.4	247.3	412.2	574.2	739.1	1270.6	1802.2	2140.4
45°	51.2	59.7	65.4	73.9	227.4	380.9	534.4	687.9	1299.0	1910.2	2276.9
47.5°	45.5	54.0	62.5	71.1	213.2	355.3	494.6	636.7	1327.5	2018.2	2424.7
50°	42.6	51.2	56.9	65.4	201.8	338.3	474.7	611.1	1384.3	2154.6	2603.7
52.5°	37.0	45.5	51.2	59.7	193.3	324.0	457.6	588.4	1452.5	2313.8	2816.9
55°	34.1	39.8	48.3	54.0	179.1	301.3	426.4	548.6	1466.7	2382.0	2939.2
57.5°	28.4	37.0	42.6	48.3	164.9	281.4	395.1	511.7	1492.3	2470.1	3055.7
60°	25.6	31.3	37.0	42.6	150.7	261.5	369.5	477.5	1523.6	2569.6	3200.7
62.5°	25.6	28.4	34.1	37.0	136.4	238.8	338.3	437.7	1574.8	2708.9	3408.2
65°	22.7	25.6	31.3	34.1	125.1	218.9	309.8	400.8	1623.1	2842.5	3652.6
67.5°	19.9	25.6	28.4	31.3	113.7	193.3	275.7	355.3	1623.1	2890.8	3845.9
70°	*17.1*	*19.9*	*25.6*	*28.4*	*93.8*	*156.3*	*221.7*	*284.3*	*1506.5*	*2728.8*	*3814.7*
72.5°	14.2	17.1	19.9	22.7	62.5	102.3	139.3	179.1	1228.0	2276.9	3391.1
75°	11.4	14.2	14.2	17.1	34.1	54.0	71.1	88.1	869.8	1648.7	2529.8
77.5°	11.4	11.4	14.2	14.2	22.7	34.1	42.6	51.2	432.1	810.1	1299.0
80°	8.5	8.5	11.4	11.4	17.1	22.7	25.6	31.3	102.3	170.6	275.7
82.5°	5.7	8.5	8.5	8.5	11.4	14.2	14.2	17.1	22.7	28.4	45.5
85°	5.7	5.7	5.7	5.7	5.7	8.5	8.5	8.5	11.4	11.4	17.1
87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	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°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	966.5	980.7	992.0	1006.3	1023.3	1034.7	1046.0	1057.4	1068.8	1080.2	1091.5
5°	1000.6	1029.0	1054.6	1083.0	1111.4	1128.5	1145.5	1162.6	1179.6	1148.4	1117.1
7.5°	921.0	955.1	989.2	1023.3	1048.9	1040.4	1031.8	1023.3	1014.8	1051.7	1085.8
10°	827.2	855.6	886.9	915.3	844.2	858.4	869.8	884.0	895.4	915.3	935.2
12.5°	741.9	733.4	727.7	719.2	741.9	798.7	855.6	909.6	966.5	975.0	986.4
15°	963.6	969.3	975.0	980.7	986.4	957.9	929.5	898.2	869.8	878.3	886.9
17.5°	878.3	886.9	898.2	906.8	938.0	957.9	975.0	994.9	1011.9	1048.9	1085.8
20°	1100.1	1120.0	1137.0	1156.9	1091.5	1054.6	1014.8	977.8	938.0	977.8	1017.6
22.5°	807.3	903.9	1000.6	1097.2	1077.3	1139.8	1202.4	1262.1	1324.6	1259.2	1193.9
25°	1233.7	1279.1	1327.5	1372.9	1401.4	1338.8	1276.3	1213.8	1151.2	1199.5	1247.9
27.5°	1515.1	1503.7	1492.3	1481.0	1537.8	1515.1	1492.3	1466.7	1444.0	1398.5	1350.2
30°	1827.7	1918.7	2009.7	2100.6	2123.4	2021.0	1915.9	1813.5	1708.4	1651.5	1591.8
32.5°	1941.4	2055.1	2166.0	2279.7	2274.0	2214.3	2154.6	2092.1	2032.4	1932.9	1836.3
35°	2063.7	2191.6	2316.7	2444.6	2495.7	2407.6	2316.7	2228.5	2137.6	2069.4	2001.1
37.5°	2197.3	2336.5	2475.8	2615.1	2726.0	2615.1	2507.1	2396.2	2285.4	2214.3	2143.3
40°	2328.0	2518.5	2706.1	2896.5	2902.2	2791.4	2677.7	2566.8	2453.1	2376.3	2299.6
42.5°	2475.8	2691.9	2905.1	3121.1	3123.9	3004.5	2888.0	2768.6	2649.2	2572.5	2495.7
45°	2640.7	2885.2	3126.8	3371.2	3357.0	3220.6	3084.1	2947.7	2811.3	2743.0	2672.0
47.5°	2831.1	3095.5	3359.9	3624.2	3712.3	3527.6	3340.0	3155.2	2967.6	2905.1	2842.5
50°	3050.0	3334.3	3618.5	3902.8	4019.3	3800.4	3581.6	3359.9	3141.0	3078.4	3015.9
52.5°	3317.2	3610.0	3899.9	4192.7	4312.1	4073.3	3834.6	3595.8	3357.0	3280.3	3203.5
55°	3493.5	3831.7	4167.1	4505.4	4641.8	4377.5	4113.1	3845.9	3581.6	3476.4	3368.4
57.5°	3641.3	3988.1	4332.0	4678.8	4815.2	4542.3	4269.5	3993.7	3720.9	3592.9	3465.0
60°	3828.9	4181.3	4536.7	4889.1	5005.7	4710.1	4414.4	4116.0	3820.3	3672.5	3527.6
62.5°	4104.6	4440.0	4775.4	5110.8	5187.6	4872.1	4559.4	4243.9	3928.4	3740.8	3553.1
65°	4462.8	4798.2	5136.4	5471.8	5554.3	5179.1	4806.7	4431.5	4056.3	3809.0	3561.7
67.5°	4798.2	5181.9	5568.5	5952.2	6034.7	5571.3	5105.2	4641.8	4175.7	3851.6	3527.6
70°	*4897.7*	*5352.5*	*5807.3*	*6262.1*	*6370.1*	*5824.3*	*5278.6*	*4729.9*	*4184.2*	*3777.7*	*3374.1*
72.5°	4505.4	5022.7	5537.2	6054.6	6259.2	5676.5	5093.8	4508.2	3925.5	3467.9	3013.1
75°	3408.2	3914.1	4423.0	4928.9	5190.4	4678.8	4170.0	3658.3	3146.7	2728.8	2313.8
77.5°	1787.9	2168.8	2546.9	2927.8	3396.8	2998.9	2598.1	2200.1	1799.3	1543.5	1284.8
80°	378.1	508.8	636.7	767.5	1031.8	938.0	847.1	753.3	659.5	554.3	446.3
82.5°	62.5	82.4	102.3	122.2	153.5	153.5	156.3	156.3	156.3	136.4	113.7
85°	19.9	25.6	31.3	37.0	37.0	39.8	39.8	42.6	42.6	42.6	39.8
87.5°	8.5	8.5	11.4	11.4	11.4	11.4	14.2	14.2	14.2	14.2	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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	1102.9	1114.3	1122.8	1134.2	1142.7	1151.2	1156.9	1159.7	1165.4	1168.3	1162.6
5°	1083.0	1051.7	1063.1	1074.5	1083.0	1094.4	1102.9	1111.4	1117.1	1125.6	1131.3
7.5°	1122.8	1156.9	1171.1	1185.3	1199.5	1213.8	1222.3	1230.8	1236.5	1245.0	1247.9
10°	955.1	975.0	1017.6	1063.1	1105.7	1148.4	1134.2	1120.0	1105.7	1091.5	1154.1
12.5°	994.9	1003.4	1029.0	1051.7	1077.3	1100.1	1148.4	1193.9	1242.2	1287.7	1316.1
15°	895.4	903.9	972.1	1037.5	1105.7	1171.1	1151.2	1131.3	1111.4	1091.5	1122.8
17.5°	1120.0	1156.9	1091.5	1023.3	957.9	889.7	969.3	1051.7	1131.3	1210.9	1239.3
20°	1057.4	1097.2	1131.3	1165.4	1199.5	1233.7	1205.2	1179.6	1151.2	1122.8	1100.1
22.5°	1125.6	1060.3	1100.1	1142.7	1182.5	1222.3	1202.4	1185.3	1165.4	1145.5	1191.0
25°	1293.3	1341.7	1279.1	1216.6	1154.1	1091.5	1162.6	1233.7	1301.9	1372.9	1327.5
27.5°	1304.7	1256.4	1313.2	1367.3	1424.1	1478.1	1418.4	1361.6	1301.9	1242.2	1307.6
30°	1535.0	1475.3	1458.2	1441.2	1424.1	1407.0	1438.3	1469.6	1498.0	1529.3	1537.8
32.5°	1736.8	1637.3	1662.9	1691.3	1716.9	1742.5	1719.7	1699.8	1677.1	1654.3	1751.0
35°	1932.9	1864.7	1876.1	1887.4	1898.8	1910.2	1915.9	1918.7	1924.4	1927.2	2052.3
37.5°	2069.4	1998.3	2038.1	2077.9	2117.7	2157.5	2157.5	2154.6	2154.6	2151.8	2293.9
40°	2220.0	2143.3	2200.1	2254.1	2311.0	2365.0	2376.3	2387.7	2399.1	2410.5	2541.2
42.5°	2416.1	2339.4	2387.7	2433.2	2481.5	2527.0	2546.9	2566.8	2583.8	2603.7	2734.5
45°	2603.7	2532.7	2569.6	2606.6	2643.5	2680.5	2697.5	2714.6	2731.7	2748.7	2899.4
47.5°	2780.0	2717.4	2740.2	2760.1	2782.8	2802.7	2816.9	2828.3	2842.5	2853.9	3004.5
50°	2953.4	2890.8	2896.5	2902.2	2905.1	2910.7	2916.4	2925.0	2930.6	2936.3	3112.6
52.5°	3123.9	3047.2	3033.0	3018.8	3004.5	2990.3	2990.3	2987.5	2987.5	2984.6	3121.1
55°	3263.2	3155.2	3121.1	3084.1	3050.0	3013.1	2998.9	2984.6	2967.6	2953.4	3024.4
57.5°	3334.3	3206.4	3155.2	3101.2	3050.0	2996.0	2947.7	2896.5	2848.2	2797.0	2785.7
60°	3379.8	3231.9	3152.4	3069.9	2990.3	2907.9	2788.5	2669.1	2549.7	2430.4	2367.8
62.5°	3362.7	3175.1	3052.9	2927.8	2805.6	2680.5	2495.7	2311.0	2123.4	1938.6	1850.5
65°	3311.5	3064.2	2888.0	2708.9	2532.7	2353.6	2131.9	1910.2	1688.5	1466.7	1384.3
67.5°	3203.5	2879.5	2632.2	2387.7	2140.4	1893.1	1668.6	1444.0	1219.4	994.9	935.2
70°	*2967.6*	*2561.1*	*2271.2*	*1978.4*	*1688.5*	*1395.7*	*1205.2*	*1011.9*	*821.5*	*628.2*	*599.8*
72.5°	2555.4	2097.8	1802.2	1509.4	1213.8	918.1	787.4	656.6	525.9	395.1	386.6
75°	1896.0	1478.1	1250.7	1020.5	793.1	562.8	486.1	412.2	335.4	258.7	261.5
77.5°	1029.0	770.3	662.3	554.3	443.4	335.4	298.5	261.5	224.6	187.6	193.3
80°	341.1	233.1	216.0	199.0	181.9	164.9	150.7	136.4	122.2	108.0	113.7
82.5°	93.8	71.1	76.7	85.3	91.0	96.6	96.6	96.6	93.8	93.8	93.8
85°	39.8	37.0	34.1	34.1	31.3	28.4	34.1	39.8	45.5	51.2	54.0
87.5°	11.4	11.4	11.4	8.5	8.5	5.7	5.7	5.7	5.7	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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3	932.3
2.5°	1159.7	1154.1	1148.4	1139.8	1134.2	1125.6	1117.1	1108.6	1100.1	1088.7	1080.2
5°	1137.0	1142.7	1148.4	1151.2	1156.9	1159.7	1162.6	1165.4	1168.3	1168.3	1171.1
7.5°	1247.9	1250.7	1250.7	1233.7	1219.4	1202.4	1185.3	1182.5	1182.5	1179.6	1176.8
10°	1219.4	1282.0	1344.5	1344.5	1341.7	1341.7	1338.8	1338.8	1341.7	1341.7	1341.7
12.5°	1344.5	1372.9	1401.4	1390.0	1381.5	1370.1	1358.7	1310.4	1259.2	1210.9	1159.7
15°	1154.1	1182.5	1213.8	1256.4	1299.0	1341.7	1384.3	1381.5	1381.5	1378.6	1375.8
17.5°	1264.9	1293.3	1318.9	1299.0	1279.1	1256.4	1236.5	1199.5	1162.6	1125.6	1088.7
20°	1080.2	1057.4	1034.7	1125.6	1216.6	1307.6	1398.5	1395.7	1395.7	1392.8	1390.0
22.5°	1236.5	1279.1	1324.6	1290.5	1256.4	1222.3	1188.2	1182.5	1174.0	1168.3	1159.7
25°	1282.0	1233.7	1188.2	1273.4	1361.6	1446.8	1532.1	1546.3	1560.5	1571.9	1586.1
27.5°	1375.8	1441.2	1506.5	1489.5	1472.4	1452.5	1435.5	1446.8	1458.2	1469.6	1481.0
30°	1549.2	1557.7	1566.2	1691.3	1819.2	1944.3	2069.4	2086.4	2100.6	2117.7	2131.9
32.5°	1847.6	1941.4	2038.1	2114.8	2194.4	2271.2	2347.9	2450.3	2555.4	2657.8	2760.1
35°	2180.2	2305.3	2430.4	2578.2	2728.8	2876.6	3024.4	3061.4	3101.2	3138.1	3175.1
37.5°	2436.0	2578.2	2720.3	2873.8	3024.4	3177.9	3328.6	3357.0	3385.4	3413.9	3442.3
40°	2672.0	2802.7	2933.5	3095.5	3257.5	3419.5	3581.6	3604.3	3627.1	3649.8	3672.5
42.5°	2865.3	2993.2	3123.9	3286.0	3448.0	3610.0	3772.0	3791.9	3809.0	3828.9	3845.9
45°	3050.0	3200.7	3351.3	3493.5	3635.6	3774.9	3917.0	3931.2	3942.6	3956.8	3968.2
47.5°	3158.0	3308.7	3459.3	3592.9	3726.5	3857.3	3990.9	3990.9	3990.9	3990.9	3990.9
50°	3288.8	3462.2	3638.4	3706.6	3772.0	3840.2	3905.6	3891.4	3877.2	3860.1	3845.9
52.5°	3254.7	3391.1	3524.7	3550.3	3575.9	3601.5	3627.1	3590.1	3556.0	3519.0	3482.1
55°	3095.5	3163.7	3234.8	3192.1	3146.7	3104.0	3058.5	2953.4	2848.2	2743.0	2637.9
57.5°	2774.3	2762.9	2751.6	2637.9	2527.0	2413.3	2299.6	2231.4	2166.0	2097.8	2029.6
60°	2308.1	2245.6	2183.1	2080.7	1978.4	1876.1	1773.7	1736.8	1697.0	1660.0	1620.2
62.5°	1762.4	1674.2	1586.1	1535.0	1483.8	1432.6	1381.5	1344.5	1304.7	1267.8	1228.0
65°	1304.7	1222.3	1139.8	1097.2	1054.6	1009.1	966.5	940.9	915.3	886.9	861.3
67.5°	878.3	818.6	759.0	733.4	704.9	679.4	650.9	639.6	625.4	614.0	599.8
70°	*568.5*	*540.1*	*508.8*	*497.4*	*488.9*	*477.5*	*466.2*	*454.8*	*443.4*	*432.1*	*420.7*
72.5°	378.1	369.5	361.0	355.3	349.6	343.9	338.3	332.6	324.0	318.4	309.8
75°	261.5	264.4	264.4	261.5	261.5	258.7	255.8	233.1	210.3	187.6	164.9
77.5°	196.1	201.8	204.7	190.4	176.2	159.2	145.0	142.1	139.3	136.4	133.6
80°	122.2	127.9	133.6	127.9	125.1	119.4	113.7	108.0	102.3	96.6	91.0
82.5°	93.8	93.8	93.8	88.1	82.4	73.9	68.2	65.4	62.5	59.7	56.9
85°	56.9	59.7	62.5	56.9	48.3	42.6	34.1	28.4	22.7	17.1	11.4
87.5°	8.5	11.4	11.4	11.4	8.5	8.5	5.7	5.7	5.7	2.8	2.8
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):

	357.5°	360°
0°	932.3	932.3
2.5°	1057.4	1034.7
5°	1174.0	1176.8
7.5°	1105.7	1031.8
10°	1341.7	1341.7
12.5°	1145.5	1128.5
15°	1370.1	1364.4
17.5°	1085.8	1080.2
20°	1387.1	1384.3
22.5°	1159.7	1156.9
25°	1589.0	1589.0
27.5°	1481.0	1478.1
30°	2131.9	2131.9
32.5°	2814.1	2865.3
35°	3183.6	3192.1
37.5°	3456.5	3467.9
40°	3681.1	3689.6
42.5°	3848.8	3848.8
45°	3968.2	3968.2
47.5°	3988.1	3985.2
50°	3837.4	3828.9
52.5°	3448.0	3411.0
55°	2618.0	2595.2
57.5°	2023.9	2015.3
60°	1620.2	1620.2
62.5°	1216.6	1205.2
65°	849.9	835.7
67.5°	594.1	588.4
70°	*420.7*	*417.9*
72.5°	307.0	304.1
75°	162.0	156.3
77.5°	133.6	130.8
80°	93.8	93.8
82.5°	56.9	54.0
85°	8.5	5.7
87.5°	2.8	2.8
90°	0.0	0.0

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