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: P559825

Luminaire Tested: **SDL-PA1-100-730-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P559825
	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-PA1-100-730-U-5WQ
Description:	Springdale
	(1) 70 CRI, 3000K, 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:	9709.1 lumens
Efficiency:	N/A
Efficacy:	103.5 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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Scaled Data Report

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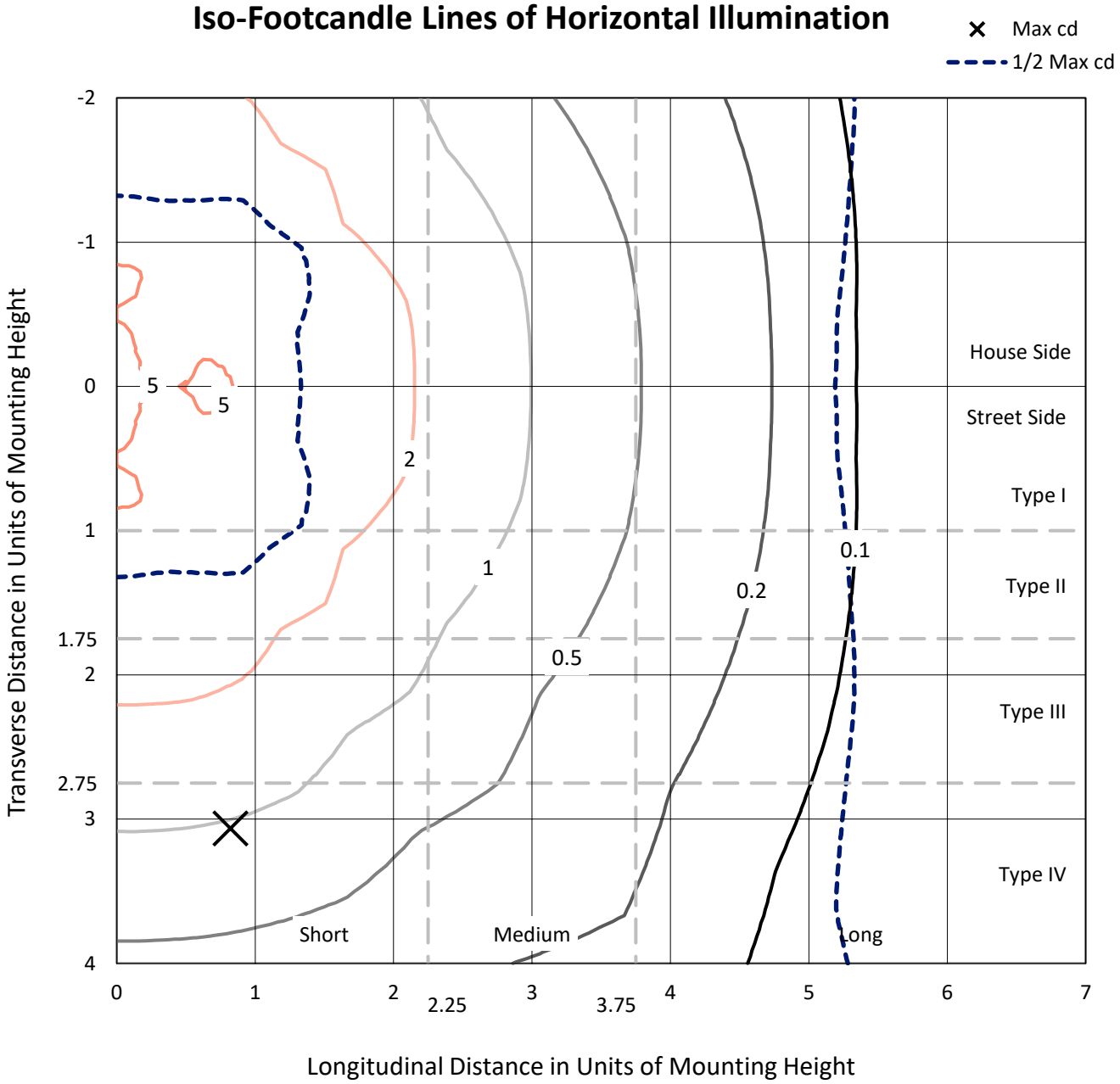
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
Type V - Short - N/A

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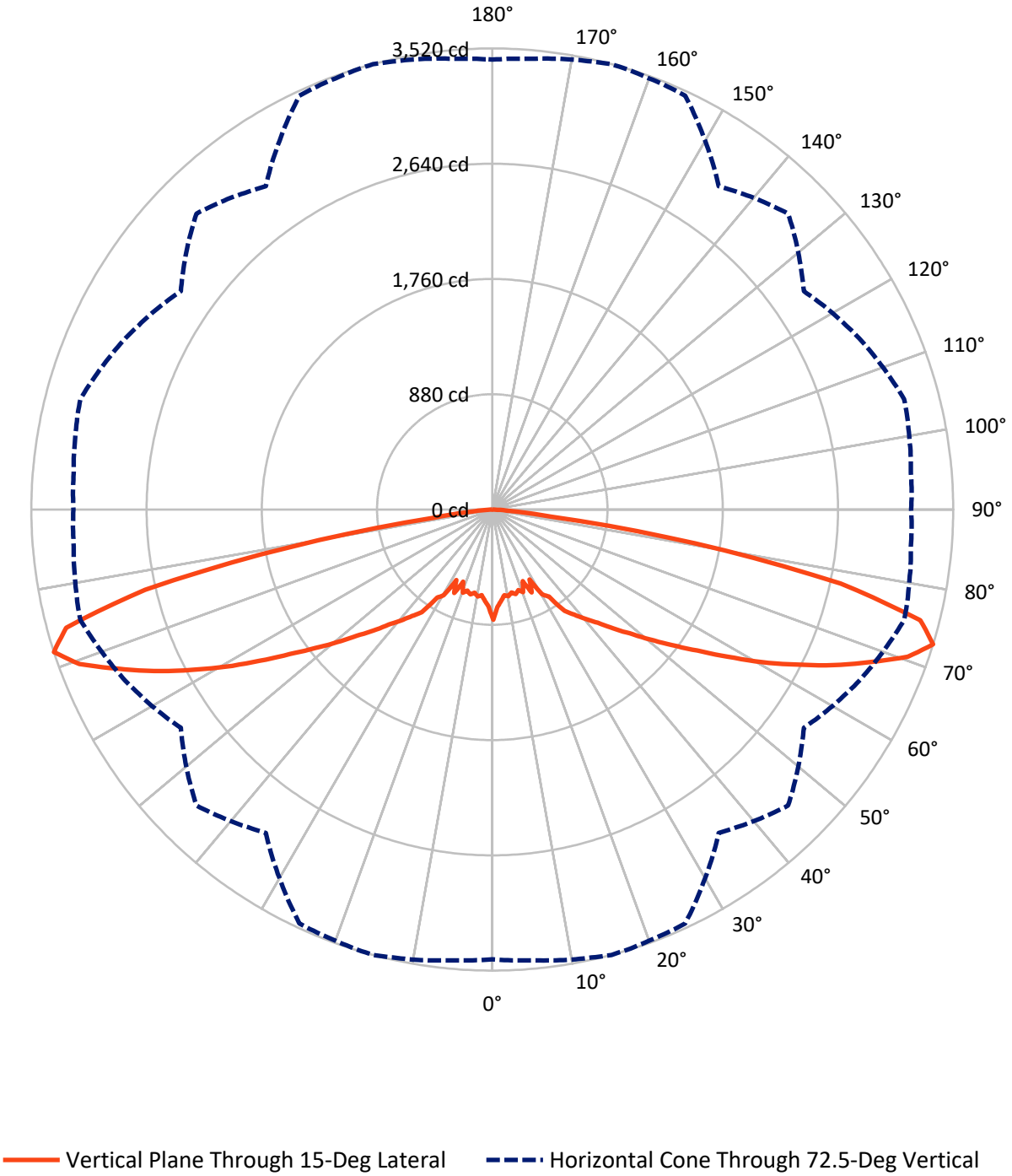
Luminous Intensity Polar Plot



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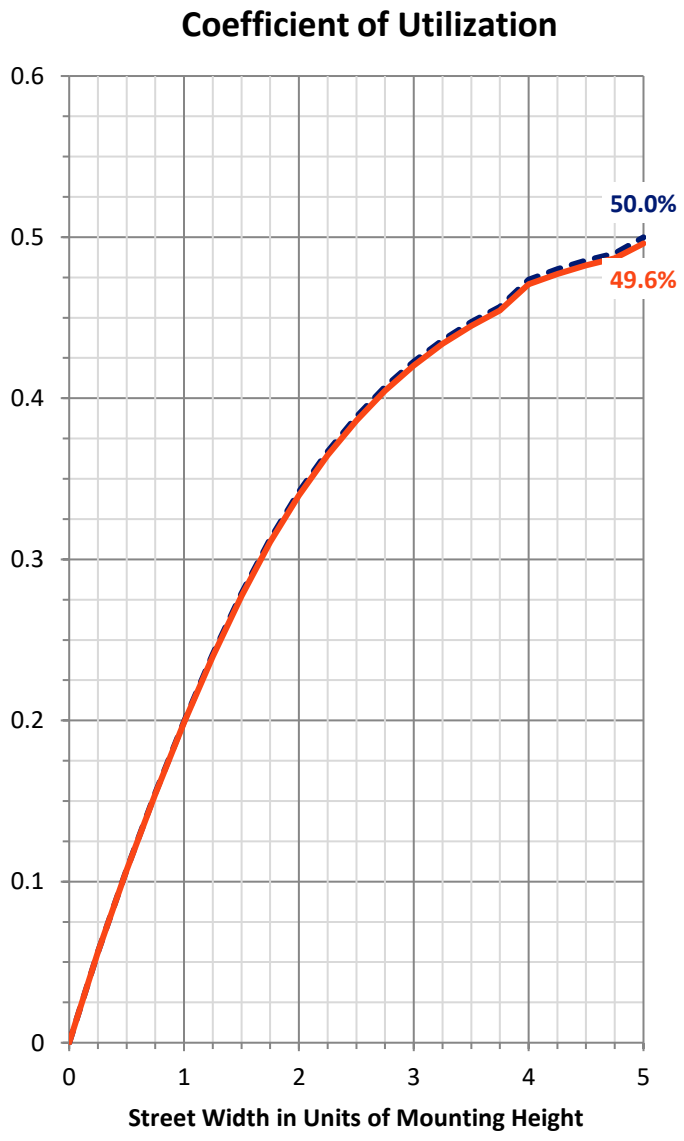
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4854.6	0.0	4854.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4854.6	0.0	4854.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	9709.1	0.0	9709.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	0.7
10°-20°	153.3	1.6
20°-30°	273.5	2.8
30°-40°	523.1	5.4
40°-50°	890.9	9.2
50°-60°	1559.6	16.1
60°-70°	2631.6	27.1
70°-80°	3069.6	31.6
80°-90°	541.5	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°	9709.1	100.0
0°-180°	9709.1	100.0



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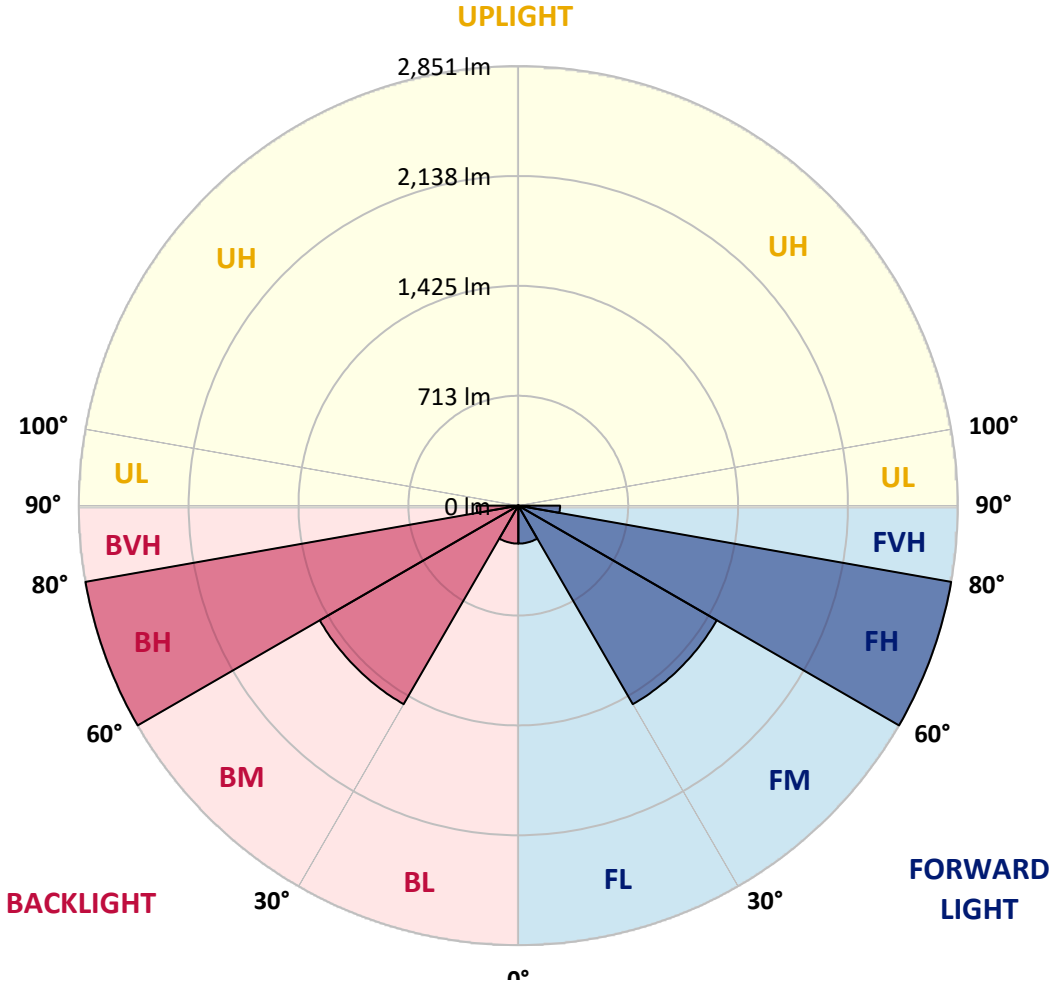
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	246.4	2.5			
FM	(30°-60°)	1486.8	15.3			
FH	(60°-80°)	2850.6	29.4			G2/5000
FVH	(80°-90°)	270.7	2.8			G3/500
BL	(0°-30°)	246.4	2.5	B1/500		
BM	(30°-60°)	1486.8	15.3	B2/2500		
BH	(60°-80°)	2850.6	29.4	B4/5000		G2/5000
BVH	(80°-90°)	270.7	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°	840.6	840.6	840.6	840.6	840.6	840.6	*840.6*	840.6	840.6	840.6	840.6
2.5°	744.9	748.4	748.4	748.4	748.4	744.9	*744.9*	755.2	765.4	775.7	785.9
5°	703.9	703.9	703.9	703.9	703.9	700.5	*700.5*	700.5	700.5	700.5	700.5
7.5°	601.4	608.3	611.7	625.3	635.6	649.3	*659.5*	662.9	666.3	666.3	669.8
10°	676.6	676.6	676.6	676.6	676.6	673.2	*673.2*	666.3	662.9	656.1	649.3
12.5°	594.6	591.2	587.7	604.8	618.5	635.6	*649.3*	652.7	656.1	659.5	662.9
15°	683.4	683.4	683.4	680.0	676.6	673.2	*669.8*	645.8	621.9	594.6	570.7
17.5°	580.9	584.3	584.3	601.4	615.1	632.2	*645.8*	639.0	632.2	621.9	615.1
20°	697.1	697.1	697.1	690.3	686.8	680.0	*673.2*	632.2	591.2	546.7	505.7
22.5°	591.2	591.2	591.2	591.2	594.6	594.6	*594.6*	598.0	601.4	604.8	608.3
25°	721.0	724.4	724.4	717.6	714.2	707.3	*700.5*	666.3	628.8	594.6	557.0
27.5°	621.9	621.9	621.9	618.5	615.1	608.3	*604.8*	611.7	621.9	628.8	635.6
30°	762.0	762.0	762.0	758.6	758.6	755.2	*751.8*	717.6	680.0	645.8	608.3
32.5°	926.0	922.6	919.2	888.5	857.7	823.5	*792.8*	775.7	758.6	738.1	721.0
35°	984.1	984.1	980.7	973.9	967.1	956.8	*950.0*	915.8	881.6	847.5	813.3
37.5°	1042.2	1042.2	1038.8	1035.4	1028.6	1025.1	*1018.3*	980.7	946.5	909.0	871.4
40°	1114.0	1117.4	1117.4	1114.0	1107.2	1103.7	*1096.9*	1055.9	1018.3	977.3	936.3
42.5°	1202.8	1202.8	1199.4	1196.0	1192.6	1185.7	*1182.3*	1144.7	1103.7	1066.1	1025.1
45°	1308.8	1308.8	1305.3	1301.9	1301.9	1298.5	*1295.1*	1260.9	1223.3	1189.2	1151.6
47.5°	1438.6	1435.2	1431.8	1428.4	1421.5	1418.1	*1411.3*	1373.7	1339.5	1301.9	1264.3
50°	1575.3	1575.3	1575.3	1571.9	1568.5	1561.6	*1558.2*	1524.0	1489.9	1452.3	1418.1
52.5°	1722.2	1725.7	1725.7	1725.7	1722.2	1722.2	*1718.8*	1684.7	1650.5	1612.9	1578.7
55°	1896.5	1896.5	1896.5	1896.5	1899.9	1899.9	*1899.9*	1865.8	1831.6	1797.4	1763.2
57.5°	2094.7	2108.4	2118.6	2118.6	2118.6	2118.6	*2118.6*	2084.5	2050.3	2016.1	1981.9
60°	2323.7	2327.1	2330.5	2340.7	2347.6	2357.8	*2364.7*	2333.9	2303.2	2272.4	2241.6
62.5°	2549.2	2556.0	2559.4	2573.1	2583.4	2597.0	*2607.3*	2586.8	2562.9	2542.4	2518.4
65°	2781.6	2788.4	2791.8	2808.9	2829.4	2846.5	*2863.6*	2846.5	2832.8	2815.7	2798.6
67.5°	3027.6	3034.4	3037.8	3054.9	3075.4	3092.5	*3109.6*	3102.8	3095.9	3089.1	3082.3
70°	3290.7	3294.1	3294.1	3311.2	3331.7	3348.8	*3365.9*	3362.5	3359.0	3355.6	3352.2
72.5°	*3434.2*	*3444.5*	*3454.7*	*3471.8*	*3488.9*	*3502.6*	*3519.7*	*3512.8*	*3502.6*	*3495.7*	*3485.5*
75°	3249.7	3256.5	3263.4	3290.7	3321.5	3348.8	*3376.1*	3386.4	3400.1	3410.3	3420.6
77.5°	2545.8	2576.5	2603.9	2634.6	2662.0	2692.7	*2720.0*	2778.1	2832.8	2890.9	2945.6
80°	1260.9	1278.0	1295.1	1363.4	1431.8	1500.1	*1568.5*	1671.0	1776.9	1879.4	1981.9
82.5°	304.1	304.1	304.1	341.7	375.9	413.5	*447.6*	539.9	635.6	727.9	820.1
85°	61.5	64.9	68.3	85.4	102.5	116.2	*133.3*	146.9	160.6	174.3	187.9
87.5°	10.3	10.3	10.3	10.3	13.7	13.7	*13.7*	17.1	20.5	20.5	23.9
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	789.4	796.2	799.6	803.0	806.4	809.9	813.3	816.7	820.1	820.1	823.5
5°	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	703.9	707.3	710.8
7.5°	673.2	676.6	680.0	683.4	683.4	683.4	680.0	680.0	676.6	676.6	673.2
10°	632.2	615.1	594.6	577.5	577.5	580.9	580.9	580.9	570.7	563.8	553.6
12.5°	649.3	635.6	618.5	604.8	580.9	560.4	536.5	512.6	505.7	498.9	492.1
15°	550.2	533.1	512.6	492.1	481.8	468.1	457.9	444.2	440.8	437.4	430.6
17.5°	598.0	580.9	560.4	543.3	509.2	475.0	440.8	406.6	423.7	444.2	461.3
20°	509.2	509.2	512.6	512.6	512.6	509.2	509.2	505.7	495.5	481.8	471.6
22.5°	580.9	550.2	522.8	492.1	498.9	505.7	512.6	519.4	502.3	485.2	464.7
25°	567.2	577.5	584.3	594.6	567.2	539.9	509.2	481.8	495.5	509.2	522.8
27.5°	615.1	594.6	570.7	550.2	560.4	570.7	577.5	587.7	570.7	553.6	536.5
30°	611.7	615.1	615.1	618.5	604.8	587.7	574.1	557.0	563.8	574.1	580.9
32.5°	700.5	676.6	656.1	632.2	632.2	632.2	628.8	628.8	628.8	632.2	632.2
35°	782.5	755.2	724.4	693.7	686.8	683.4	676.6	669.8	676.6	683.4	690.3
37.5°	840.6	806.4	775.7	741.5	738.1	734.7	727.9	724.4	724.4	724.4	724.4
40°	905.5	874.8	844.0	813.3	806.4	799.6	789.4	782.5	779.1	775.7	768.9
42.5°	994.4	960.2	929.5	895.3	885.0	871.4	861.1	847.5	844.0	840.6	833.8
45°	1110.6	1066.1	1025.1	980.7	967.1	956.8	943.1	929.5	926.0	919.2	915.8
47.5°	1216.5	1172.1	1124.2	1076.4	1069.6	1059.3	1052.5	1042.2	1035.4	1025.1	1018.3
50°	1360.0	1298.5	1240.4	1178.9	1178.9	1175.5	1175.5	1172.1	1158.4	1144.7	1131.1
52.5°	1520.6	1459.1	1401.0	1339.5	1332.7	1329.3	1322.4	1315.6	1301.9	1288.3	1271.2
55°	1701.7	1640.2	1578.7	1517.2	1513.8	1513.8	1510.4	1507.0	1486.5	1466.0	1445.5
57.5°	1920.4	1862.3	1800.8	1739.3	1742.7	1742.7	1746.2	1746.2	1718.8	1691.5	1660.7
60°	2173.3	2105.0	2033.2	1964.9	1975.1	1988.8	1999.0	2009.3	1975.1	1940.9	1903.3
62.5°	2450.1	2378.3	2310.0	2238.2	2258.7	2279.2	2296.3	2316.8	2265.6	2214.3	2163.0
65°	2716.6	2634.6	2552.6	2470.6	2508.2	2549.2	2586.8	2624.4	2562.9	2501.3	2439.8
67.5°	2986.6	2894.3	2798.6	2703.0	2747.4	2791.8	2836.2	2880.6	2819.1	2754.2	2692.7
70°	3236.0	3119.8	3003.7	2887.5	2931.9	2976.3	3020.8	3065.2	3007.1	2949.0	2890.9
72.5°	*3369.3*	*3249.7*	*3133.5*	*3013.9*	*3058.3*	*3106.2*	*3150.6*	*3195.0*	*3123.3*	*3051.5*	*2976.3*
75°	3318.0	3212.1	3109.6	3003.7	3068.6	3133.5	3198.4	3263.4	3167.7	3068.6	2972.9
77.5°	2894.3	2846.5	2795.2	2744.0	2860.1	2976.3	3092.5	3208.7	3072.0	2931.9	2795.2
80°	2016.1	2053.7	2087.9	2122.0	2289.5	2456.9	2620.9	2788.4	2627.8	2470.6	2310.0
82.5°	926.0	1032.0	1134.5	1240.4	1407.9	1575.3	1739.3	1906.8	1729.1	1551.4	1370.3
85°	222.1	256.3	287.0	321.2	406.6	492.1	577.5	662.9	591.2	519.4	447.6
87.5°	27.3	30.8	30.8	34.2	30.8	30.8	27.3	23.9	27.3	27.3	30.8
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	823.5	826.9	826.9	830.4	830.4	830.4	830.4	826.9	826.9	826.9	830.4
5°	714.2	731.3	744.9	762.0	775.7	782.5	792.8	799.6	806.4	809.9	809.9
7.5°	669.8	662.9	652.7	645.8	635.6	649.3	666.3	680.0	693.7	697.1	700.5
10°	543.3	539.9	533.1	529.7	522.8	526.2	533.1	536.5	539.9	557.0	577.5
12.5°	485.2	488.7	492.1	495.5	498.9	488.7	478.4	464.7	454.5	471.6	488.7
15°	427.1	427.1	430.6	430.6	430.6	444.2	457.9	471.6	485.2	509.2	536.5
17.5°	478.4	471.6	464.7	454.5	447.6	451.1	451.1	454.5	454.5	468.1	478.4
20°	457.9	447.6	440.8	430.6	420.3	437.4	454.5	471.6	488.7	516.0	543.3
22.5°	447.6	468.1	485.2	505.7	522.8	512.6	502.3	488.7	478.4	478.4	478.4
25°	536.5	519.4	502.3	485.2	468.1	498.9	526.2	557.0	584.3	604.8	621.9
27.5°	519.4	533.1	546.7	557.0	570.7	587.7	604.8	621.9	639.0	669.8	697.1
30°	587.7	604.8	621.9	635.6	652.7	697.1	738.1	782.5	823.5	844.0	864.5
32.5°	632.2	666.3	697.1	731.3	762.0	785.9	809.9	833.8	857.7	878.2	902.1
35°	697.1	724.4	748.4	775.7	799.6	826.9	854.3	878.2	905.5	926.0	946.5
37.5°	724.4	755.2	785.9	813.3	844.0	878.2	909.0	943.1	973.9	991.0	1004.6
40°	765.4	803.0	840.6	878.2	915.8	950.0	984.1	1018.3	1052.5	1066.1	1079.8
42.5°	830.4	871.4	912.4	950.0	991.0	1028.6	1062.7	1100.3	1134.5	1148.2	1161.8
45°	909.0	950.0	991.0	1032.0	1073.0	1114.0	1155.0	1196.0	1237.0	1254.1	1271.2
47.5°	1008.1	1049.1	1093.5	1134.5	1175.5	1226.8	1274.6	1325.9	1373.7	1387.4	1401.0
50°	1117.4	1158.4	1199.4	1240.4	1281.4	1346.4	1407.9	1472.8	1534.3	1541.1	1551.4
52.5°	1257.5	1298.5	1336.1	1377.1	1414.7	1486.5	1558.2	1626.6	1698.3	1701.7	1708.6
55°	1424.9	1462.5	1503.5	1541.1	1578.7	1657.3	1732.5	1811.1	1886.3	1886.3	1889.7
57.5°	1633.4	1674.4	1715.4	1753.0	1794.0	1869.2	1944.4	2016.1	2091.3	2087.9	2084.5
60°	1869.2	1906.8	1940.9	1978.5	2012.7	2084.5	2159.6	2231.4	2303.2	2296.3	2286.1
62.5°	2111.8	2152.8	2193.8	2231.4	2272.4	2330.5	2392.0	2450.1	2508.2	2494.5	2480.8
65°	2378.3	2419.3	2463.8	2504.8	2545.8	2590.2	2638.0	2682.5	2726.9	2713.2	2703.0
67.5°	2627.8	2675.6	2723.5	2767.9	2815.7	2849.9	2884.1	2914.8	2949.0	2931.9	2914.8
70°	2832.8	2873.8	2914.8	2955.8	2996.8	3031.0	3065.2	3099.3	3133.5	3116.4	3099.3
72.5°	*2904.6*	*2952.4*	*3000.2*	*3044.7*	*3092.5*	*3133.5*	*3174.5*	*3215.5*	*3256.5*	*3246.3*	*3232.6*
75°	2873.8	2908.0	2942.2	2976.3	3010.5	3041.3	3075.4	3106.2	3136.9	3119.8	3102.8
77.5°	2655.1	2651.7	2644.9	2641.4	2634.6	2634.6	2638.0	2638.0	2638.0	2617.5	2597.0
80°	2149.4	2087.9	2026.4	1964.9	1903.3	1831.6	1759.8	1688.1	1616.3	1548.0	1479.6
82.5°	1192.6	1052.5	915.8	775.7	635.6	577.5	516.0	457.9	396.4	369.1	338.3
85°	375.9	328.0	280.2	232.4	184.5	174.3	164.0	150.4	140.1	129.9	119.6
87.5°	30.8	27.3	27.3	23.9	20.5	17.1	17.1	13.7	10.3	10.3	10.3
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	830.4	830.4	830.4	830.4	830.4	830.4	830.4	830.4	826.9	826.9	826.9
5°	813.3	813.3	813.3	813.3	813.3	813.3	813.3	809.9	809.9	806.4	799.6
7.5°	700.5	703.9	703.9	700.5	703.9	703.9	700.5	700.5	697.1	693.7	680.0
10°	594.6	611.7	611.7	611.7	611.7	611.7	594.6	577.5	557.0	539.9	536.5
12.5°	505.7	522.8	522.8	522.8	522.8	522.8	505.7	488.7	471.6	454.5	464.7
15°	560.4	584.3	584.3	584.3	584.3	584.3	560.4	536.5	509.2	485.2	471.6
17.5°	492.1	502.3	505.7	505.7	505.7	502.3	492.1	478.4	468.1	454.5	454.5
20°	567.2	594.6	598.0	601.4	598.0	594.6	567.2	543.3	516.0	488.7	471.6
22.5°	475.0	475.0	478.4	478.4	478.4	475.0	475.0	478.4	478.4	478.4	488.7
25°	642.4	659.5	659.5	656.1	659.5	659.5	642.4	621.9	604.8	584.3	557.0
27.5°	727.9	755.2	762.0	765.4	762.0	755.2	727.9	697.1	669.8	639.0	621.9
30°	885.0	905.5	905.5	905.5	905.5	905.5	885.0	864.5	844.0	823.5	782.5
32.5°	922.6	943.1	943.1	943.1	943.1	943.1	922.6	902.1	878.2	857.7	833.8
35°	963.6	984.1	987.6	987.6	987.6	984.1	963.6	946.5	926.0	905.5	878.2
37.5°	1021.7	1035.4	1038.8	1042.2	1038.8	1035.4	1021.7	1004.6	991.0	973.9	943.1
40°	1090.1	1103.7	1103.7	1103.7	1103.7	1103.7	1090.1	1079.8	1066.1	1052.5	1018.3
42.5°	1175.5	1189.2	1192.6	1196.0	1192.6	1189.2	1175.5	1161.8	1148.2	1134.5	1100.3
45°	1284.8	1301.9	1305.3	1308.8	1305.3	1301.9	1284.8	1271.2	1254.1	1237.0	1196.0
47.5°	1414.7	1428.4	1428.4	1428.4	1428.4	1428.4	1414.7	1401.0	1387.4	1373.7	1325.9
50°	1558.2	1565.1	1568.5	1568.5	1568.5	1565.1	1558.2	1551.4	1541.1	1534.3	1472.8
52.5°	1712.0	1715.4	1715.4	1712.0	1715.4	1715.4	1712.0	1708.6	1701.7	1698.3	1626.6
55°	1889.7	1889.7	1886.3	1879.4	1886.3	1889.7	1889.7	1889.7	1886.3	1886.3	1811.1
57.5°	2081.0	2077.6	2077.6	2074.2	2077.6	2077.6	2081.0	2084.5	2087.9	2091.3	2016.1
60°	2279.2	2269.0	2265.6	2258.7	2265.6	2269.0	2279.2	2286.1	2296.3	2303.2	2231.4
62.5°	2467.2	2453.5	2453.5	2453.5	2453.5	2453.5	2467.2	2480.8	2494.5	2508.2	2450.1
65°	2689.3	2675.6	2668.8	2662.0	2668.8	2675.6	2689.3	2703.0	2713.2	2726.9	2682.5
67.5°	2897.7	2880.6	2873.8	2863.6	2873.8	2880.6	2897.7	2914.8	2931.9	2949.0	2914.8
70°	3078.8	3061.8	3058.3	3054.9	3058.3	3061.8	3078.8	3099.3	3116.4	3133.5	3099.3
72.5°	*3222.4*	*3208.7*	*3205.3*	*3198.4*	*3205.3*	*3208.7*	*3222.4*	*3232.6*	*3246.3*	*3256.5*	*3215.5*
75°	3085.7	3068.6	3058.3	3044.7	3058.3	3068.6	3085.7	3102.8	3119.8	3136.9	3106.2
77.5°	2576.5	2556.0	2549.2	2538.9	2549.2	2556.0	2576.5	2597.0	2617.5	2638.0	2638.0
80°	1411.3	1342.9	1325.9	1305.3	1325.9	1342.9	1411.3	1479.6	1548.0	1616.3	1688.1
82.5°	311.0	280.2	270.0	256.3	270.0	280.2	311.0	338.3	369.1	396.4	457.9
85°	105.9	95.7	88.8	82.0	88.8	95.7	105.9	119.6	129.9	140.1	150.4
87.5°	10.3	10.3	10.3	6.8	10.3	10.3	10.3	10.3	10.3	10.3	13.7
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-PA1-100-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	830.4	830.4	830.4	830.4	826.9	826.9	823.5	823.5	820.1	820.1	816.7
5°	792.8	782.5	775.7	762.0	744.9	731.3	714.2	710.8	707.3	703.9	700.5
7.5°	666.3	649.3	635.6	645.8	652.7	662.9	669.8	673.2	676.6	676.6	680.0
10°	533.1	526.2	522.8	529.7	533.1	539.9	543.3	553.6	563.8	570.7	580.9
12.5°	478.4	488.7	498.9	495.5	492.1	488.7	485.2	492.1	498.9	505.7	512.6
15°	457.9	444.2	430.6	430.6	430.6	427.1	427.1	430.6	437.4	440.8	444.2
17.5°	451.1	451.1	447.6	454.5	464.7	471.6	478.4	461.3	444.2	423.7	406.6
20°	454.5	437.4	420.3	430.6	440.8	447.6	457.9	471.6	481.8	495.5	505.7
22.5°	502.3	512.6	522.8	505.7	485.2	468.1	447.6	464.7	485.2	502.3	519.4
25°	526.2	498.9	468.1	485.2	502.3	519.4	536.5	522.8	509.2	495.5	481.8
27.5°	604.8	587.7	570.7	557.0	546.7	533.1	519.4	536.5	553.6	570.7	587.7
30°	738.1	697.1	652.7	635.6	621.9	604.8	587.7	580.9	574.1	563.8	557.0
32.5°	809.9	785.9	762.0	731.3	697.1	666.3	632.2	632.2	632.2	628.8	628.8
35°	854.3	826.9	799.6	775.7	748.4	724.4	697.1	690.3	683.4	676.6	669.8
37.5°	909.0	878.2	844.0	813.3	785.9	755.2	724.4	724.4	724.4	724.4	724.4
40°	984.1	950.0	915.8	878.2	840.6	803.0	765.4	768.9	775.7	779.1	782.5
42.5°	1062.7	1028.6	991.0	950.0	912.4	871.4	830.4	833.8	840.6	844.0	847.5
45°	1155.0	1114.0	1073.0	1032.0	991.0	950.0	909.0	915.8	919.2	926.0	929.5
47.5°	1274.6	1226.8	1175.5	1134.5	1093.5	1049.1	1008.1	1018.3	1025.1	1035.4	1042.2
50°	1407.9	1346.4	1281.4	1240.4	1199.4	1158.4	1117.4	1131.1	1144.7	1158.4	1172.1
52.5°	1558.2	1486.5	1414.7	1377.1	1336.1	1298.5	1257.5	1271.2	1288.3	1301.9	1315.6
55°	1732.5	1657.3	1578.7	1541.1	1503.5	1462.5	1424.9	1445.5	1466.0	1486.5	1507.0
57.5°	1944.4	1869.2	1794.0	1753.0	1715.4	1674.4	1633.4	1660.7	1691.5	1718.8	1746.2
60°	2159.6	2084.5	2012.7	1978.5	1940.9	1906.8	1869.2	1903.3	1940.9	1975.1	2009.3
62.5°	2392.0	2330.5	2272.4	2231.4	2193.8	2152.8	2111.8	2163.0	2214.3	2265.6	2316.8
65°	2638.0	2590.2	2545.8	2504.8	2463.8	2419.3	2378.3	2439.8	2501.3	2562.9	2624.4
67.5°	2884.1	2849.9	2815.7	2767.9	2723.5	2675.6	2627.8	2692.7	2754.2	2819.1	2880.6
70°	3065.2	3031.0	2996.8	2955.8	2914.8	2873.8	2832.8	2890.9	2949.0	3007.1	3065.2
72.5°	*3174.5*	*3133.5*	*3092.5*	*3044.7*	*3000.2*	*2952.4*	*2904.6*	*2976.3*	*3051.5*	*3123.3*	*3195.0*
75°	3075.4	3041.3	3010.5	2976.3	2942.2	2908.0	2873.8	2972.9	3068.6	3167.7	3263.4
77.5°	2638.0	2634.6	2634.6	2641.4	2644.9	2651.7	2655.1	2795.2	2931.9	3072.0	3208.7
80°	1759.8	1831.6	1903.3	1964.9	2026.4	2087.9	2149.4	2310.0	2470.6	2627.8	2788.4
82.5°	516.0	577.5	635.6	775.7	915.8	1052.5	1192.6	1370.3	1551.4	1729.1	1906.8
85°	164.0	174.3	184.5	232.4	280.2	328.0	375.9	447.6	519.4	591.2	662.9
87.5°	17.1	17.1	20.5	23.9	27.3	27.3	30.8	30.8	27.3	27.3	23.9
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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CATALOG NUMBER: SDL-PA1-100-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	813.3	809.9	806.4	803.0	799.6	796.2	789.4	785.9	775.7	765.4	755.2
5°	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5
7.5°	680.0	683.4	683.4	683.4	680.0	676.6	673.2	669.8	666.3	666.3	662.9
10°	580.9	580.9	577.5	577.5	594.6	615.1	632.2	649.3	656.1	662.9	666.3
12.5°	536.5	560.4	580.9	604.8	618.5	635.6	649.3	662.9	659.5	656.1	652.7
15°	457.9	468.1	481.8	492.1	512.6	533.1	550.2	570.7	594.6	621.9	645.8
17.5°	440.8	475.0	509.2	543.3	560.4	580.9	598.0	615.1	621.9	632.2	639.0
20°	509.2	509.2	512.6	512.6	512.6	509.2	509.2	505.7	546.7	591.2	632.2
22.5°	512.6	505.7	498.9	492.1	522.8	550.2	580.9	608.3	604.8	601.4	598.0
25°	509.2	539.9	567.2	594.6	584.3	577.5	567.2	557.0	594.6	628.8	666.3
27.5°	577.5	570.7	560.4	550.2	570.7	594.6	615.1	635.6	628.8	621.9	611.7
30°	574.1	587.7	604.8	618.5	615.1	615.1	611.7	608.3	645.8	680.0	717.6
32.5°	628.8	632.2	632.2	632.2	656.1	676.6	700.5	721.0	738.1	758.6	775.7
35°	676.6	683.4	686.8	693.7	724.4	755.2	782.5	813.3	847.5	881.6	915.8
37.5°	727.9	734.7	738.1	741.5	775.7	806.4	840.6	871.4	909.0	946.5	980.7
40°	789.4	799.6	806.4	813.3	844.0	874.8	905.5	936.3	977.3	1018.3	1055.9
42.5°	861.1	871.4	885.0	895.3	929.5	960.2	994.4	1025.1	1066.1	1103.7	1144.7
45°	943.1	956.8	967.1	980.7	1025.1	1066.1	1110.6	1151.6	1189.2	1223.3	1260.9
47.5°	1052.5	1059.3	1069.6	1076.4	1124.2	1172.1	1216.5	1264.3	1301.9	1339.5	1373.7
50°	1175.5	1175.5	1178.9	1178.9	1240.4	1298.5	1360.0	1418.1	1452.3	1489.9	1524.0
52.5°	1322.4	1329.3	1332.7	1339.5	1401.0	1459.1	1520.6	1578.7	1612.9	1650.5	1684.7
55°	1510.4	1513.8	1513.8	1517.2	1578.7	1640.2	1701.7	1763.2	1797.4	1831.6	1865.8
57.5°	1746.2	1742.7	1742.7	1739.3	1800.8	1862.3	1920.4	1981.9	2016.1	2050.3	2084.5
60°	1999.0	1988.8	1975.1	1964.9	2033.2	2105.0	2173.3	2241.6	2272.4	2303.2	2333.9
62.5°	2296.3	2279.2	2258.7	2238.2	2310.0	2378.3	2450.1	2518.4	2542.4	2562.9	2586.8
65°	2586.8	2549.2	2508.2	2470.6	2552.6	2634.6	2716.6	2798.6	2815.7	2832.8	2846.5
67.5°	2836.2	2791.8	2747.4	2703.0	2798.6	2894.3	2986.6	3082.3	3089.1	3095.9	3102.8
70°	3020.8	2976.3	2931.9	2887.5	3003.7	3119.8	3236.0	3352.2	3355.6	3359.0	3362.5
72.5°	*3150.6*	*3106.2*	*3058.3*	*3013.9*	*3133.5*	*3249.7*	*3369.3*	*3485.5*	*3495.7*	*3502.6*	*3512.8*
75°	3198.4	3133.5	3068.6	3003.7	3109.6	3212.1	3318.0	3420.6	3410.3	3400.1	3386.4
77.5°	3092.5	2976.3	2860.1	2744.0	2795.2	2846.5	2894.3	2945.6	2890.9	2832.8	2778.1
80°	2620.9	2456.9	2289.5	2122.0	2087.9	2053.7	2016.1	1981.9	1879.4	1776.9	1671.0
82.5°	1739.3	1575.3	1407.9	1240.4	1134.5	1032.0	926.0	820.1	727.9	635.6	539.9
85°	577.5	492.1	406.6	321.2	287.0	256.3	222.1	187.9	174.3	160.6	146.9
87.5°	27.3	30.8	30.8	34.2	30.8	30.8	27.3	23.9	20.5	20.5	17.1
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	744.9	744.9	748.4	748.4	748.4	748.4	744.9	748.4	748.4	748.4	748.4
5°	700.5	700.5	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9
7.5°	659.5	649.3	635.6	625.3	611.7	608.3	601.4	608.3	611.7	625.3	635.6
10°	673.2	673.2	676.6	676.6	676.6	676.6	676.6	676.6	676.6	676.6	676.6
12.5°	649.3	635.6	618.5	604.8	587.7	591.2	594.6	591.2	587.7	604.8	618.5
15°	669.8	673.2	676.6	680.0	683.4	683.4	683.4	683.4	683.4	680.0	676.6
17.5°	645.8	632.2	615.1	601.4	584.3	584.3	580.9	584.3	584.3	601.4	615.1
20°	673.2	680.0	686.8	690.3	697.1	697.1	697.1	697.1	697.1	690.3	686.8
22.5°	594.6	594.6	594.6	591.2	591.2	591.2	591.2	591.2	591.2	591.2	594.6
25°	700.5	707.3	714.2	717.6	724.4	724.4	721.0	724.4	724.4	717.6	714.2
27.5°	604.8	608.3	615.1	618.5	621.9	621.9	621.9	621.9	621.9	618.5	615.1
30°	751.8	755.2	758.6	758.6	762.0	762.0	762.0	762.0	762.0	758.6	758.6
32.5°	792.8	823.5	857.7	888.5	919.2	922.6	926.0	922.6	919.2	888.5	857.7
35°	950.0	956.8	967.1	973.9	980.7	984.1	984.1	984.1	980.7	973.9	967.1
37.5°	1018.3	1025.1	1028.6	1035.4	1038.8	1042.2	1042.2	1042.2	1038.8	1035.4	1028.6
40°	1096.9	1103.7	1107.2	1114.0	1117.4	1117.4	1114.0	1117.4	1117.4	1114.0	1107.2
42.5°	1182.3	1185.7	1192.6	1196.0	1199.4	1202.8	1202.8	1202.8	1199.4	1196.0	1192.6
45°	1295.1	1298.5	1301.9	1301.9	1305.3	1308.8	1308.8	1308.8	1305.3	1301.9	1301.9
47.5°	1411.3	1418.1	1421.5	1428.4	1431.8	1435.2	1438.6	1435.2	1431.8	1428.4	1421.5
50°	1558.2	1561.6	1568.5	1571.9	1575.3	1575.3	1575.3	1575.3	1575.3	1571.9	1568.5
52.5°	1718.8	1722.2	1722.2	1725.7	1725.7	1725.7	1722.2	1725.7	1725.7	1725.7	1722.2
55°	1899.9	1899.9	1899.9	1896.5	1896.5	1896.5	1896.5	1896.5	1896.5	1896.5	1899.9
57.5°	2118.6	2118.6	2118.6	2118.6	2118.6	2108.4	2094.7	2108.4	2118.6	2118.6	2118.6
60°	2364.7	2357.8	2347.6	2340.7	2330.5	2327.1	2323.7	2327.1	2330.5	2340.7	2347.6
62.5°	2607.3	2597.0	2583.4	2573.1	2559.4	2556.0	2549.2	2556.0	2559.4	2573.1	2583.4
65°	2863.6	2846.5	2829.4	2808.9	2791.8	2788.4	2781.6	2788.4	2791.8	2808.9	2829.4
67.5°	3109.6	3092.5	3075.4	3054.9	3037.8	3034.4	3027.6	3034.4	3037.8	3054.9	3075.4
70°	3365.9	3348.8	3331.7	3311.2	3294.1	3294.1	3290.7	3294.1	3294.1	3311.2	3331.7
72.5°	*3519.7*	*3502.6*	*3488.9*	*3471.8*	*3454.7*	*3444.5*	*3434.2*	*3444.5*	*3454.7*	*3471.8*	*3488.9*
75°	3376.1	3348.8	3321.5	3290.7	3263.4	3256.5	3249.7	3256.5	3263.4	3290.7	3321.5
77.5°	2720.0	2692.7	2662.0	2634.6	2603.9	2576.5	2545.8	2576.5	2603.9	2634.6	2662.0
80°	1568.5	1500.1	1431.8	1363.4	1295.1	1278.0	1260.9	1278.0	1295.1	1363.4	1431.8
82.5°	447.6	413.5	375.9	341.7	304.1	304.1	304.1	304.1	304.1	341.7	375.9
85°	133.3	116.2	102.5	85.4	68.3	64.9	61.5	64.9	68.3	85.4	102.5
87.5°	13.7	13.7	13.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	13.7
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	744.9	744.9	755.2	765.4	775.7	785.9	789.4	796.2	799.6	803.0	806.4
5°	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5
7.5°	649.3	659.5	662.9	666.3	666.3	669.8	673.2	676.6	680.0	683.4	683.4
10°	673.2	673.2	666.3	662.9	656.1	649.3	632.2	615.1	594.6	577.5	577.5
12.5°	635.6	649.3	652.7	656.1	659.5	662.9	649.3	635.6	618.5	604.8	580.9
15°	673.2	669.8	645.8	621.9	594.6	570.7	550.2	533.1	512.6	492.1	481.8
17.5°	632.2	645.8	639.0	632.2	621.9	615.1	598.0	580.9	560.4	543.3	509.2
20°	680.0	673.2	632.2	591.2	546.7	505.7	509.2	509.2	512.6	512.6	512.6
22.5°	594.6	594.6	598.0	601.4	604.8	608.3	580.9	550.2	522.8	492.1	498.9
25°	707.3	700.5	666.3	628.8	594.6	557.0	567.2	577.5	584.3	594.6	567.2
27.5°	608.3	604.8	611.7	621.9	628.8	635.6	615.1	594.6	570.7	550.2	560.4
30°	755.2	751.8	717.6	680.0	645.8	608.3	611.7	615.1	615.1	618.5	604.8
32.5°	823.5	792.8	775.7	758.6	738.1	721.0	700.5	676.6	656.1	632.2	632.2
35°	956.8	950.0	915.8	881.6	847.5	813.3	782.5	755.2	724.4	693.7	686.8
37.5°	1025.1	1018.3	980.7	946.5	909.0	871.4	840.6	806.4	775.7	741.5	738.1
40°	1103.7	1096.9	1055.9	1018.3	977.3	936.3	905.5	874.8	844.0	813.3	806.4
42.5°	1185.7	1182.3	1144.7	1103.7	1066.1	1025.1	994.4	960.2	929.5	895.3	885.0
45°	1298.5	1295.1	1260.9	1223.3	1189.2	1151.6	1110.6	1066.1	1025.1	980.7	967.1
47.5°	1418.1	1411.3	1373.7	1339.5	1301.9	1264.3	1216.5	1172.1	1124.2	1076.4	1069.6
50°	1561.6	1558.2	1524.0	1489.9	1452.3	1418.1	1360.0	1298.5	1240.4	1178.9	1178.9
52.5°	1722.2	1718.8	1684.7	1650.5	1612.9	1578.7	1520.6	1459.1	1401.0	1339.5	1332.7
55°	1899.9	1899.9	1865.8	1831.6	1797.4	1763.2	1701.7	1640.2	1578.7	1517.2	1513.8
57.5°	2118.6	2118.6	2084.5	2050.3	2016.1	1981.9	1920.4	1862.3	1800.8	1739.3	1742.7
60°	2357.8	2364.7	2333.9	2303.2	2272.4	2241.6	2173.3	2105.0	2033.2	1964.9	1975.1
62.5°	2597.0	2607.3	2586.8	2562.9	2542.4	2518.4	2450.1	2378.3	2310.0	2238.2	2258.7
65°	2846.5	2863.6	2846.5	2832.8	2815.7	2798.6	2716.6	2634.6	2552.6	2470.6	2508.2
67.5°	3092.5	3109.6	3102.8	3095.9	3089.1	3082.3	2986.6	2894.3	2798.6	2703.0	2747.4
70°	3348.8	3365.9	3362.5	3359.0	3355.6	3352.2	3236.0	3119.8	3003.7	2887.5	2931.9
72.5°	*3502.6*	*3519.7*	*3512.8*	*3502.6*	*3495.7*	*3485.5*	*3369.3*	*3249.7*	*3133.5*	*3013.9*	*3058.3*
75°	3348.8	3376.1	3386.4	3400.1	3410.3	3420.6	3318.0	3212.1	3109.6	3003.7	3068.6
77.5°	2692.7	2720.0	2778.1	2832.8	2890.9	2945.6	2894.3	2846.5	2795.2	2744.0	2860.1
80°	1500.1	1568.5	1671.0	1776.9	1879.4	1981.9	2016.1	2053.7	2087.9	2122.0	2289.5
82.5°	413.5	447.6	539.9	635.6	727.9	820.1	926.0	1032.0	1134.5	1240.4	1407.9
85°	116.2	133.3	146.9	160.6	174.3	187.9	222.1	256.3	287.0	321.2	406.6
87.5°	13.7	13.7	17.1	20.5	20.5	23.9	27.3	30.8	30.8	34.2	30.8
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	809.9	813.3	816.7	820.1	820.1	823.5	823.5	826.9	826.9	830.4	830.4
5°	700.5	700.5	700.5	703.9	707.3	710.8	714.2	731.3	744.9	762.0	775.7
7.5°	683.4	680.0	680.0	676.6	676.6	673.2	669.8	662.9	652.7	645.8	635.6
10°	580.9	580.9	580.9	570.7	563.8	553.6	543.3	539.9	533.1	529.7	522.8
12.5°	560.4	536.5	512.6	505.7	498.9	492.1	485.2	488.7	492.1	495.5	498.9
15°	468.1	457.9	444.2	440.8	437.4	430.6	427.1	427.1	430.6	430.6	430.6
17.5°	475.0	440.8	406.6	423.7	444.2	461.3	478.4	471.6	464.7	454.5	447.6
20°	509.2	509.2	505.7	495.5	481.8	471.6	457.9	447.6	440.8	430.6	420.3
22.5°	505.7	512.6	519.4	502.3	485.2	464.7	447.6	468.1	485.2	505.7	522.8
25°	539.9	509.2	481.8	495.5	509.2	522.8	536.5	519.4	502.3	485.2	468.1
27.5°	570.7	577.5	587.7	570.7	553.6	536.5	519.4	533.1	546.7	557.0	570.7
30°	587.7	574.1	557.0	563.8	574.1	580.9	587.7	604.8	621.9	635.6	652.7
32.5°	632.2	628.8	628.8	628.8	632.2	632.2	632.2	666.3	697.1	731.3	762.0
35°	683.4	676.6	669.8	676.6	683.4	690.3	697.1	724.4	748.4	775.7	799.6
37.5°	734.7	727.9	724.4	724.4	724.4	724.4	724.4	755.2	785.9	813.3	844.0
40°	799.6	789.4	782.5	779.1	775.7	768.9	765.4	803.0	840.6	878.2	915.8
42.5°	871.4	861.1	847.5	844.0	840.6	833.8	830.4	871.4	912.4	950.0	991.0
45°	956.8	943.1	929.5	926.0	919.2	915.8	909.0	950.0	991.0	1032.0	1073.0
47.5°	1059.3	1052.5	1042.2	1035.4	1025.1	1018.3	1008.1	1049.1	1093.5	1134.5	1175.5
50°	1175.5	1175.5	1172.1	1158.4	1144.7	1131.1	1117.4	1158.4	1199.4	1240.4	1281.4
52.5°	1329.3	1322.4	1315.6	1301.9	1288.3	1271.2	1257.5	1298.5	1336.1	1377.1	1414.7
55°	1513.8	1510.4	1507.0	1486.5	1466.0	1445.5	1424.9	1462.5	1503.5	1541.1	1578.7
57.5°	1742.7	1746.2	1746.2	1718.8	1691.5	1660.7	1633.4	1674.4	1715.4	1753.0	1794.0
60°	1988.8	1999.0	2009.3	1975.1	1940.9	1903.3	1869.2	1906.8	1940.9	1978.5	2012.7
62.5°	2279.2	2296.3	2316.8	2265.6	2214.3	2163.0	2111.8	2152.8	2193.8	2231.4	2272.4
65°	2549.2	2586.8	2624.4	2562.9	2501.3	2439.8	2378.3	2419.3	2463.8	2504.8	2545.8
67.5°	2791.8	2836.2	2880.6	2819.1	2754.2	2692.7	2627.8	2675.6	2723.5	2767.9	2815.7
70°	2976.3	3020.8	3065.2	3007.1	2949.0	2890.9	2832.8	2873.8	2914.8	2955.8	2996.8
72.5°	*3106.2*	*3150.6*	*3195.0*	*3123.3*	*3051.5*	*2976.3*	*2904.6*	*2952.4*	*3000.2*	*3044.7*	*3092.5*
75°	3133.5	3198.4	3263.4	3167.7	3068.6	2972.9	2873.8	2908.0	2942.2	2976.3	3010.5
77.5°	2976.3	3092.5	3208.7	3072.0	2931.9	2795.2	2655.1	2651.7	2644.9	2641.4	2634.6
80°	2456.9	2620.9	2788.4	2627.8	2470.6	2310.0	2149.4	2087.9	2026.4	1964.9	1903.3
82.5°	1575.3	1739.3	1906.8	1729.1	1551.4	1370.3	1192.6	1052.5	915.8	775.7	635.6
85°	492.1	577.5	662.9	591.2	519.4	447.6	375.9	328.0	280.2	232.4	184.5
87.5°	30.8	27.3	23.9	27.3	27.3	30.8	30.8	27.3	27.3	23.9	20.5
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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CATALOG NUMBER: SDL-PA1-100-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	830.4	830.4	826.9	826.9	826.9	830.4	830.4	830.4	830.4	830.4	830.4
5°	782.5	792.8	799.6	806.4	809.9	809.9	813.3	813.3	813.3	813.3	813.3
7.5°	649.3	666.3	680.0	693.7	697.1	700.5	700.5	703.9	703.9	700.5	703.9
10°	526.2	533.1	536.5	539.9	557.0	577.5	594.6	611.7	611.7	611.7	611.7
12.5°	488.7	478.4	464.7	454.5	471.6	488.7	505.7	522.8	522.8	522.8	522.8
15°	444.2	457.9	471.6	485.2	509.2	536.5	560.4	584.3	584.3	584.3	584.3
17.5°	451.1	451.1	454.5	454.5	468.1	478.4	492.1	502.3	505.7	505.7	505.7
20°	437.4	454.5	471.6	488.7	516.0	543.3	567.2	594.6	598.0	601.4	598.0
22.5°	512.6	502.3	488.7	478.4	478.4	478.4	475.0	475.0	478.4	478.4	478.4
25°	498.9	526.2	557.0	584.3	604.8	621.9	642.4	659.5	659.5	656.1	659.5
27.5°	587.7	604.8	621.9	639.0	669.8	697.1	727.9	755.2	762.0	765.4	762.0
30°	697.1	738.1	782.5	823.5	844.0	864.5	885.0	905.5	905.5	905.5	905.5
32.5°	785.9	809.9	833.8	857.7	878.2	902.1	922.6	943.1	943.1	943.1	943.1
35°	826.9	854.3	878.2	905.5	926.0	946.5	963.6	984.1	987.6	987.6	987.6
37.5°	878.2	909.0	943.1	973.9	991.0	1004.6	1021.7	1035.4	1038.8	1042.2	1038.8
40°	950.0	984.1	1018.3	1052.5	1066.1	1079.8	1090.1	1103.7	1103.7	1103.7	1103.7
42.5°	1028.6	1062.7	1100.3	1134.5	1148.2	1161.8	1175.5	1189.2	1192.6	1196.0	1192.6
45°	1114.0	1155.0	1196.0	1237.0	1254.1	1271.2	1284.8	1301.9	1305.3	1308.8	1305.3
47.5°	1226.8	1274.6	1325.9	1373.7	1387.4	1401.0	1414.7	1428.4	1428.4	1428.4	1428.4
50°	1346.4	1407.9	1472.8	1534.3	1541.1	1551.4	1558.2	1565.1	1568.5	1568.5	1568.5
52.5°	1486.5	1558.2	1626.6	1698.3	1701.7	1708.6	1712.0	1715.4	1715.4	1712.0	1715.4
55°	1657.3	1732.5	1811.1	1886.3	1886.3	1889.7	1889.7	1889.7	1886.3	1879.4	1886.3
57.5°	1869.2	1944.4	2016.1	2091.3	2087.9	2084.5	2081.0	2077.6	2077.6	2074.2	2077.6
60°	2084.5	2159.6	2231.4	2303.2	2296.3	2286.1	2279.2	2269.0	2265.6	2258.7	2265.6
62.5°	2330.5	2392.0	2450.1	2508.2	2494.5	2480.8	2467.2	2453.5	2453.5	2453.5	2453.5
65°	2590.2	2638.0	2682.5	2726.9	2713.2	2703.0	2689.3	2675.6	2668.8	2662.0	2668.8
67.5°	2849.9	2884.1	2914.8	2949.0	2931.9	2914.8	2897.7	2880.6	2873.8	2863.6	2873.8
70°	3031.0	3065.2	3099.3	3133.5	3116.4	3099.3	3078.8	3061.8	3058.3	3054.9	3058.3
72.5°	*3133.5*	*3174.5*	*3215.5*	*3256.5*	*3246.3*	*3232.6*	*3222.4*	*3208.7*	*3205.3*	*3198.4*	*3205.3*
75°	3041.3	3075.4	3106.2	3136.9	3119.8	3102.8	3085.7	3068.6	3058.3	3044.7	3058.3
77.5°	2634.6	2638.0	2638.0	2638.0	2617.5	2597.0	2576.5	2556.0	2549.2	2538.9	2549.2
80°	1831.6	1759.8	1688.1	1616.3	1548.0	1479.6	1411.3	1342.9	1325.9	1305.3	1325.9
82.5°	577.5	516.0	457.9	396.4	369.1	338.3	311.0	280.2	270.0	256.3	270.0
85°	174.3	164.0	150.4	140.1	129.9	119.6	105.9	95.7	88.8	82.0	88.8
87.5°	17.1	17.1	13.7	10.3	10.3	10.3	10.3	10.3	10.3	6.8	10.3
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	830.4	830.4	830.4	826.9	826.9	826.9	830.4	830.4	830.4	830.4	826.9
5°	813.3	813.3	809.9	809.9	806.4	799.6	792.8	782.5	775.7	762.0	744.9
7.5°	703.9	700.5	700.5	697.1	693.7	680.0	666.3	649.3	635.6	645.8	652.7
10°	611.7	594.6	577.5	557.0	539.9	536.5	533.1	526.2	522.8	529.7	533.1
12.5°	522.8	505.7	488.7	471.6	454.5	464.7	478.4	488.7	498.9	495.5	492.1
15°	584.3	560.4	536.5	509.2	485.2	471.6	457.9	444.2	430.6	430.6	430.6
17.5°	502.3	492.1	478.4	468.1	454.5	454.5	451.1	451.1	447.6	454.5	464.7
20°	594.6	567.2	543.3	516.0	488.7	471.6	454.5	437.4	420.3	430.6	440.8
22.5°	475.0	475.0	478.4	478.4	478.4	488.7	502.3	512.6	522.8	505.7	485.2
25°	659.5	642.4	621.9	604.8	584.3	557.0	526.2	498.9	468.1	485.2	502.3
27.5°	755.2	727.9	697.1	669.8	639.0	621.9	604.8	587.7	570.7	557.0	546.7
30°	905.5	885.0	864.5	844.0	823.5	782.5	738.1	697.1	652.7	635.6	621.9
32.5°	943.1	922.6	902.1	878.2	857.7	833.8	809.9	785.9	762.0	731.3	697.1
35°	984.1	963.6	946.5	926.0	905.5	878.2	854.3	826.9	799.6	775.7	748.4
37.5°	1035.4	1021.7	1004.6	991.0	973.9	943.1	909.0	878.2	844.0	813.3	785.9
40°	1103.7	1090.1	1079.8	1066.1	1052.5	1018.3	984.1	950.0	915.8	878.2	840.6
42.5°	1189.2	1175.5	1161.8	1148.2	1134.5	1100.3	1062.7	1028.6	991.0	950.0	912.4
45°	1301.9	1284.8	1271.2	1254.1	1237.0	1196.0	1155.0	1114.0	1073.0	1032.0	991.0
47.5°	1428.4	1414.7	1401.0	1387.4	1373.7	1325.9	1274.6	1226.8	1175.5	1134.5	1093.5
50°	1565.1	1558.2	1551.4	1541.1	1534.3	1472.8	1407.9	1346.4	1281.4	1240.4	1199.4
52.5°	1715.4	1712.0	1708.6	1701.7	1698.3	1626.6	1558.2	1486.5	1414.7	1377.1	1336.1
55°	1889.7	1889.7	1889.7	1886.3	1886.3	1811.1	1732.5	1657.3	1578.7	1541.1	1503.5
57.5°	2077.6	2081.0	2084.5	2087.9	2091.3	2016.1	1944.4	1869.2	1794.0	1753.0	1715.4
60°	2269.0	2279.2	2286.1	2296.3	2303.2	2231.4	2159.6	2084.5	2012.7	1978.5	1940.9
62.5°	2453.5	2467.2	2480.8	2494.5	2508.2	2450.1	2392.0	2330.5	2272.4	2231.4	2193.8
65°	2675.6	2689.3	2703.0	2713.2	2726.9	2682.5	2638.0	2590.2	2545.8	2504.8	2463.8
67.5°	2880.6	2897.7	2914.8	2931.9	2949.0	2914.8	2884.1	2849.9	2815.7	2767.9	2723.5
70°	3061.8	3078.8	3099.3	3116.4	3133.5	3099.3	3065.2	3031.0	2996.8	2955.8	2914.8
72.5°	*3208.7*	*3222.4*	*3232.6*	*3246.3*	*3256.5*	*3215.5*	*3174.5*	*3133.5*	*3092.5*	*3044.7*	*3000.2*
75°	3068.6	3085.7	3102.8	3119.8	3136.9	3106.2	3075.4	3041.3	3010.5	2976.3	2942.2
77.5°	2556.0	2576.5	2597.0	2617.5	2638.0	2638.0	2638.0	2634.6	2634.6	2641.4	2644.9
80°	1342.9	1411.3	1479.6	1548.0	1616.3	1688.1	1759.8	1831.6	1903.3	1964.9	2026.4
82.5°	280.2	311.0	338.3	369.1	396.4	457.9	516.0	577.5	635.6	775.7	915.8
85°	95.7	105.9	119.6	129.9	140.1	150.4	164.0	174.3	184.5	232.4	280.2
87.5°	10.3	10.3	10.3	10.3	10.3	13.7	17.1	17.1	20.5	23.9	27.3
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	826.9	823.5	823.5	820.1	820.1	816.7	813.3	809.9	806.4	803.0	799.6
5°	731.3	714.2	710.8	707.3	703.9	700.5	700.5	700.5	700.5	700.5	700.5
7.5°	662.9	669.8	673.2	676.6	676.6	680.0	680.0	683.4	683.4	683.4	680.0
10°	539.9	543.3	553.6	563.8	570.7	580.9	580.9	580.9	577.5	577.5	594.6
12.5°	488.7	485.2	492.1	498.9	505.7	512.6	536.5	560.4	580.9	604.8	618.5
15°	427.1	427.1	430.6	437.4	440.8	444.2	457.9	468.1	481.8	492.1	512.6
17.5°	471.6	478.4	461.3	444.2	423.7	406.6	440.8	475.0	509.2	543.3	560.4
20°	447.6	457.9	471.6	481.8	495.5	505.7	509.2	509.2	512.6	512.6	512.6
22.5°	468.1	447.6	464.7	485.2	502.3	519.4	512.6	505.7	498.9	492.1	522.8
25°	519.4	536.5	522.8	509.2	495.5	481.8	509.2	539.9	567.2	594.6	584.3
27.5°	533.1	519.4	536.5	553.6	570.7	587.7	577.5	570.7	560.4	550.2	570.7
30°	604.8	587.7	580.9	574.1	563.8	557.0	574.1	587.7	604.8	618.5	615.1
32.5°	666.3	632.2	632.2	632.2	628.8	628.8	628.8	632.2	632.2	632.2	656.1
35°	724.4	697.1	690.3	683.4	676.6	669.8	676.6	683.4	686.8	693.7	724.4
37.5°	755.2	724.4	724.4	724.4	724.4	724.4	727.9	734.7	738.1	741.5	775.7
40°	803.0	765.4	768.9	775.7	779.1	782.5	789.4	799.6	806.4	813.3	844.0
42.5°	871.4	830.4	833.8	840.6	844.0	847.5	861.1	871.4	885.0	895.3	929.5
45°	950.0	909.0	915.8	919.2	926.0	929.5	943.1	956.8	967.1	980.7	1025.1
47.5°	1049.1	1008.1	1018.3	1025.1	1035.4	1042.2	1052.5	1059.3	1069.6	1076.4	1124.2
50°	1158.4	1117.4	1131.1	1144.7	1158.4	1172.1	1175.5	1175.5	1178.9	1178.9	1240.4
52.5°	1298.5	1257.5	1271.2	1288.3	1301.9	1315.6	1322.4	1329.3	1332.7	1339.5	1401.0
55°	1462.5	1424.9	1445.5	1466.0	1486.5	1507.0	1510.4	1513.8	1513.8	1517.2	1578.7
57.5°	1674.4	1633.4	1660.7	1691.5	1718.8	1746.2	1746.2	1742.7	1742.7	1739.3	1800.8
60°	1906.8	1869.2	1903.3	1940.9	1975.1	2009.3	1999.0	1988.8	1975.1	1964.9	2033.2
62.5°	2152.8	2111.8	2163.0	2214.3	2265.6	2316.8	2296.3	2279.2	2258.7	2238.2	2310.0
65°	2419.3	2378.3	2439.8	2501.3	2562.9	2624.4	2586.8	2549.2	2508.2	2470.6	2552.6
67.5°	2675.6	2627.8	2692.7	2754.2	2819.1	2880.6	2836.2	2791.8	2747.4	2703.0	2798.6
70°	2873.8	2832.8	2890.9	2949.0	3007.1	3065.2	3020.8	2976.3	2931.9	2887.5	3003.7
72.5°	*2952.4*	*2904.6*	*2976.3*	*3051.5*	*3123.3*	*3195.0*	*3150.6*	*3106.2*	*3058.3*	*3013.9*	*3133.5*
75°	2908.0	2873.8	2972.9	3068.6	3167.7	3263.4	3198.4	3133.5	3068.6	3003.7	3109.6
77.5°	2651.7	2655.1	2795.2	2931.9	3072.0	3208.7	3092.5	2976.3	2860.1	2744.0	2795.2
80°	2087.9	2149.4	2310.0	2470.6	2627.8	2788.4	2620.9	2456.9	2289.5	2122.0	2087.9
82.5°	1052.5	1192.6	1370.3	1551.4	1729.1	1906.8	1739.3	1575.3	1407.9	1240.4	1134.5
85°	328.0	375.9	447.6	519.4	591.2	662.9	577.5	492.1	406.6	321.2	287.0
87.5°	27.3	30.8	30.8	27.3	27.3	23.9	27.3	30.8	30.8	34.2	30.8
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°	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6	840.6
2.5°	796.2	789.4	785.9	775.7	765.4	755.2	744.9	744.9	748.4	748.4	748.4
5°	700.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	703.9	703.9	703.9
7.5°	676.6	673.2	669.8	666.3	666.3	662.9	659.5	649.3	635.6	625.3	611.7
10°	615.1	632.2	649.3	656.1	662.9	666.3	673.2	673.2	676.6	676.6	676.6
12.5°	635.6	649.3	662.9	659.5	656.1	652.7	649.3	635.6	618.5	604.8	587.7
15°	533.1	550.2	570.7	594.6	621.9	645.8	669.8	673.2	676.6	680.0	683.4
17.5°	580.9	598.0	615.1	621.9	632.2	639.0	645.8	632.2	615.1	601.4	584.3
20°	509.2	509.2	505.7	546.7	591.2	632.2	673.2	680.0	686.8	690.3	697.1
22.5°	550.2	580.9	608.3	604.8	601.4	598.0	594.6	594.6	594.6	591.2	591.2
25°	577.5	567.2	557.0	594.6	628.8	666.3	700.5	707.3	714.2	717.6	724.4
27.5°	594.6	615.1	635.6	628.8	621.9	611.7	604.8	608.3	615.1	618.5	621.9
30°	615.1	611.7	608.3	645.8	680.0	717.6	751.8	755.2	758.6	758.6	762.0
32.5°	676.6	700.5	721.0	738.1	758.6	775.7	792.8	823.5	857.7	888.5	919.2
35°	755.2	782.5	813.3	847.5	881.6	915.8	950.0	956.8	967.1	973.9	980.7
37.5°	806.4	840.6	871.4	909.0	946.5	980.7	1018.3	1025.1	1028.6	1035.4	1038.8
40°	874.8	905.5	936.3	977.3	1018.3	1055.9	1096.9	1103.7	1107.2	1114.0	1117.4
42.5°	960.2	994.4	1025.1	1066.1	1103.7	1144.7	1182.3	1185.7	1192.6	1196.0	1199.4
45°	1066.1	1110.6	1151.6	1189.2	1223.3	1260.9	1295.1	1298.5	1301.9	1301.9	1305.3
47.5°	1172.1	1216.5	1264.3	1301.9	1339.5	1373.7	1411.3	1418.1	1421.5	1428.4	1431.8
50°	1298.5	1360.0	1418.1	1452.3	1489.9	1524.0	1558.2	1561.6	1568.5	1571.9	1575.3
52.5°	1459.1	1520.6	1578.7	1612.9	1650.5	1684.7	1718.8	1722.2	1722.2	1725.7	1725.7
55°	1640.2	1701.7	1763.2	1797.4	1831.6	1865.8	1899.9	1899.9	1899.9	1896.5	1896.5
57.5°	1862.3	1920.4	1981.9	2016.1	2050.3	2084.5	2118.6	2118.6	2118.6	2118.6	2118.6
60°	2105.0	2173.3	2241.6	2272.4	2303.2	2333.9	2364.7	2357.8	2347.6	2340.7	2330.5
62.5°	2378.3	2450.1	2518.4	2542.4	2562.9	2586.8	2607.3	2597.0	2583.4	2573.1	2559.4
65°	2634.6	2716.6	2798.6	2815.7	2832.8	2846.5	2863.6	2846.5	2829.4	2808.9	2791.8
67.5°	2894.3	2986.6	3082.3	3089.1	3095.9	3102.8	3109.6	3092.5	3075.4	3054.9	3037.8
70°	3119.8	3236.0	3352.2	3355.6	3359.0	3362.5	3365.9	3348.8	3331.7	3311.2	3294.1
72.5°	*3249.7*	*3369.3*	*3485.5*	*3495.7*	*3502.6*	*3512.8*	*3519.7*	*3502.6*	*3488.9*	*3471.8*	*3454.7*
75°	3212.1	3318.0	3420.6	3410.3	3400.1	3386.4	3376.1	3348.8	3321.5	3290.7	3263.4
77.5°	2846.5	2894.3	2945.6	2890.9	2832.8	2778.1	2720.0	2692.7	2662.0	2634.6	2603.9
80°	2053.7	2016.1	1981.9	1879.4	1776.9	1671.0	1568.5	1500.1	1431.8	1363.4	1295.1
82.5°	1032.0	926.0	820.1	727.9	635.6	539.9	447.6	413.5	375.9	341.7	304.1
85°	256.3	222.1	187.9	174.3	160.6	146.9	133.3	116.2	102.5	85.4	68.3
87.5°	30.8	27.3	23.9	20.5	20.5	17.1	13.7	13.7	13.7	10.3	10.3
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°	840.6	840.6
2.5°	748.4	744.9
5°	703.9	703.9
7.5°	608.3	601.4
10°	676.6	676.6
12.5°	591.2	594.6
15°	683.4	683.4
17.5°	584.3	580.9
20°	697.1	697.1
22.5°	591.2	591.2
25°	724.4	721.0
27.5°	621.9	621.9
30°	762.0	762.0
32.5°	922.6	926.0
35°	984.1	984.1
37.5°	1042.2	1042.2
40°	1117.4	1114.0
42.5°	1202.8	1202.8
45°	1308.8	1308.8
47.5°	1435.2	1438.6
50°	1575.3	1575.3
52.5°	1725.7	1722.2
55°	1896.5	1896.5
57.5°	2108.4	2094.7
60°	2327.1	2323.7
62.5°	2556.0	2549.2
65°	2788.4	2781.6
67.5°	3034.4	3027.6
70°	3294.1	3290.7
72.5°	*3444.5*	*3434.2*
75°	3256.5	3249.7
77.5°	2576.5	2545.8
80°	1278.0	1260.9
82.5°	304.1	304.1
85°	64.9	61.5
87.5°	10.3	10.3
90°	0.0	0.0

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