

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: P559986

Luminaire Tested: **SDL-PA1-20-727-U-T2R-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559986  
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-PA1-20-727-U-T2R-HSS  
Description: Springdale  
(1) 70 CRI, 2700K, 260mA 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: 1876.7 lumens  
Efficiency: N/A  
Efficacy: 89.4 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 - G1

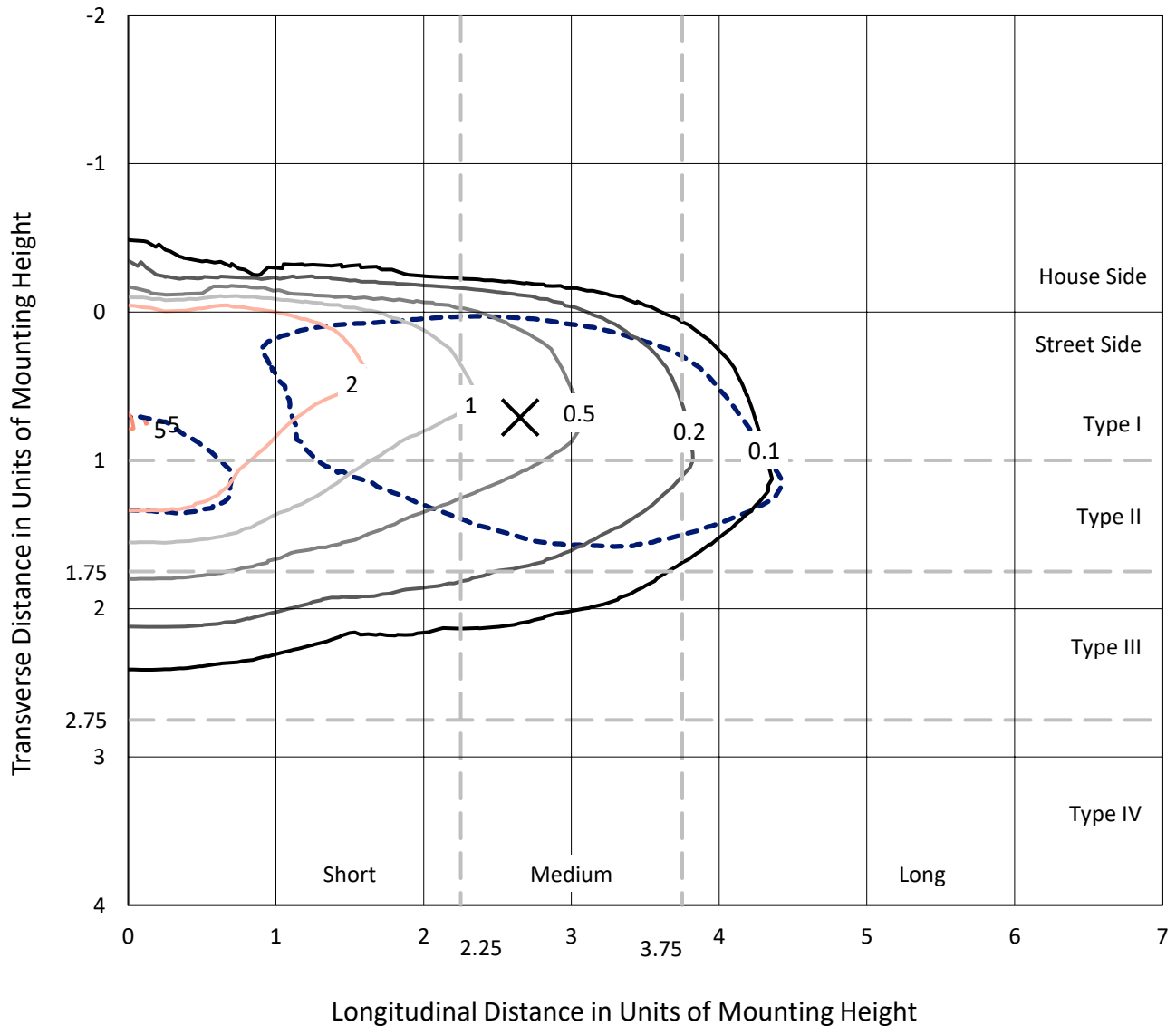
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

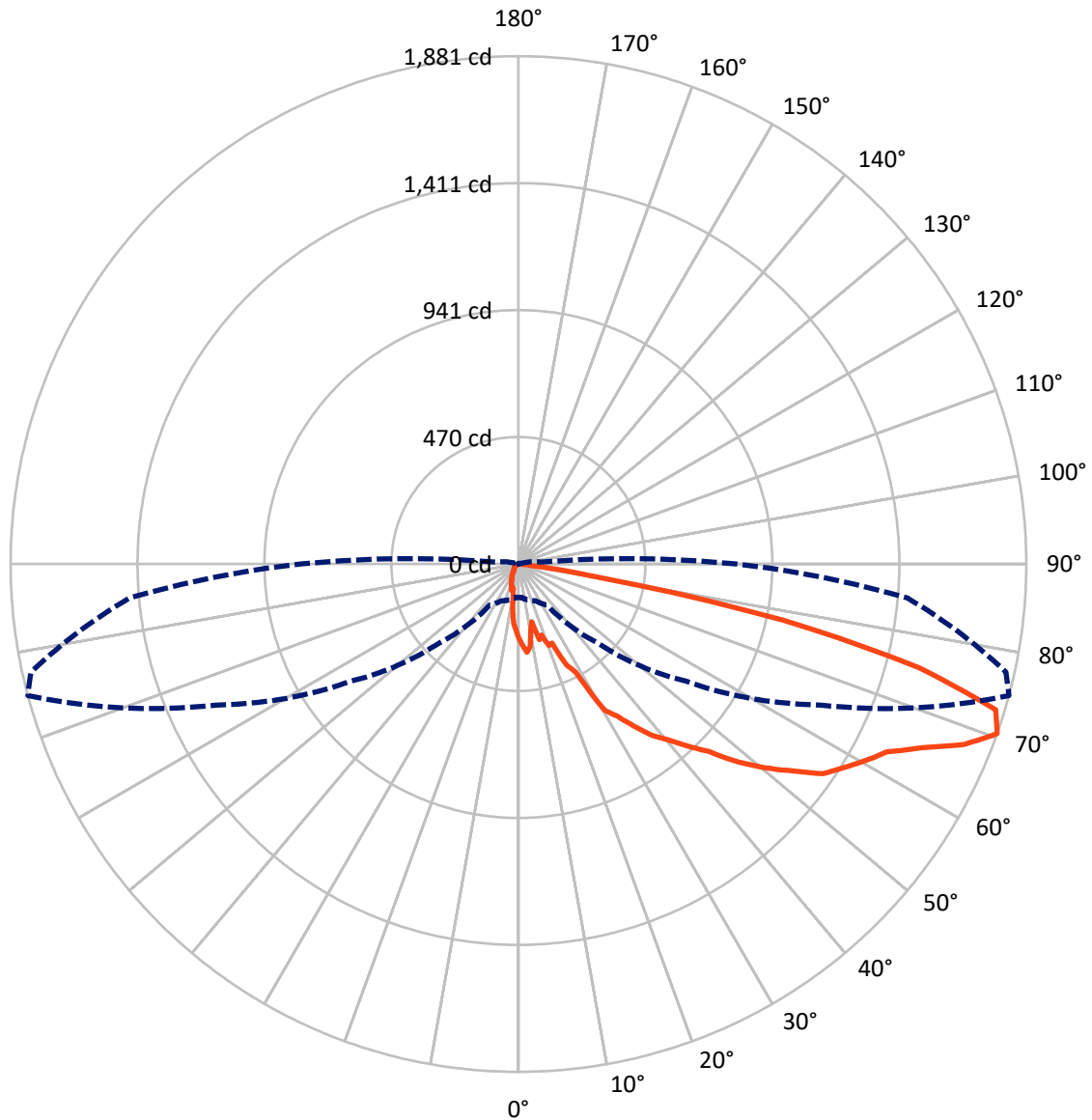
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.1 fc  
 Type II - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical

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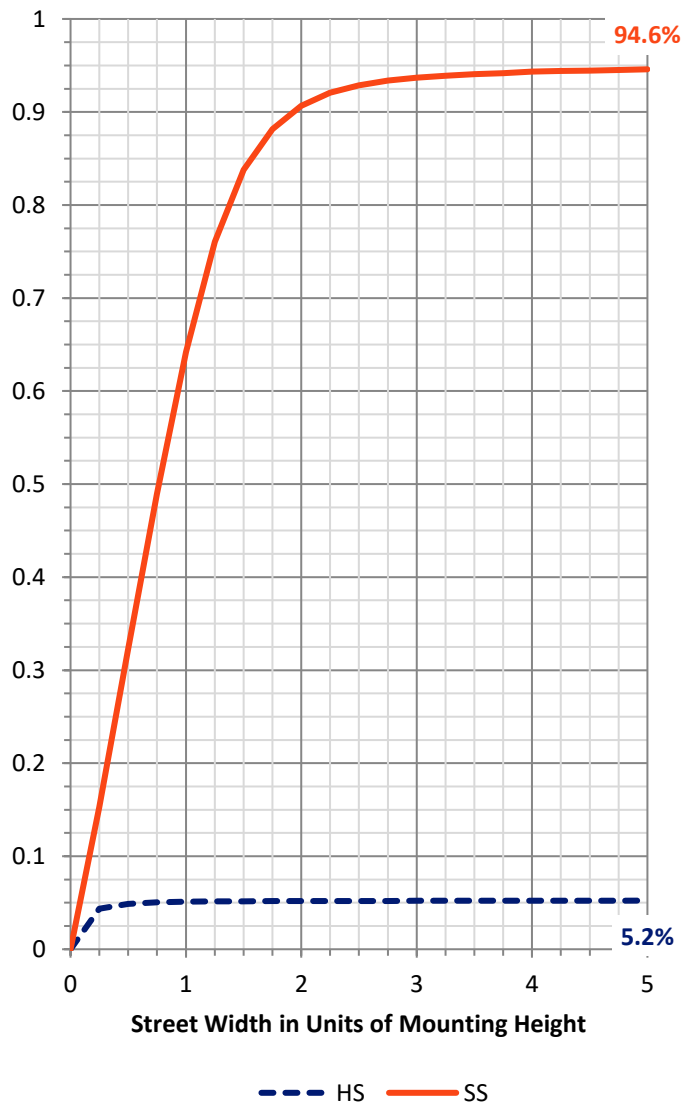
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	99.1	0.0	99.1
	% Fixture	5.3	0.0	5.3
<b>Street Side</b>	Lumens	1777.5	0.0	1777.5
	% Fixture	94.7	0.0	94.7
<b>Total</b>	Lumens	1876.7	0.0	1876.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.7	1.2
10°-20°	54.2	2.9
20°-30°	102.9	5.5
30°-40°	228.7	12.2
40°-50°	368.8	19.7
50°-60°	444.5	23.7
60°-70°	402.8	21.5
70°-80°	240.1	12.8
80°-90°	12.9	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°	1876.7	100.0
0°-180°	1876.7	100.0

**Coefficient of Utilization**



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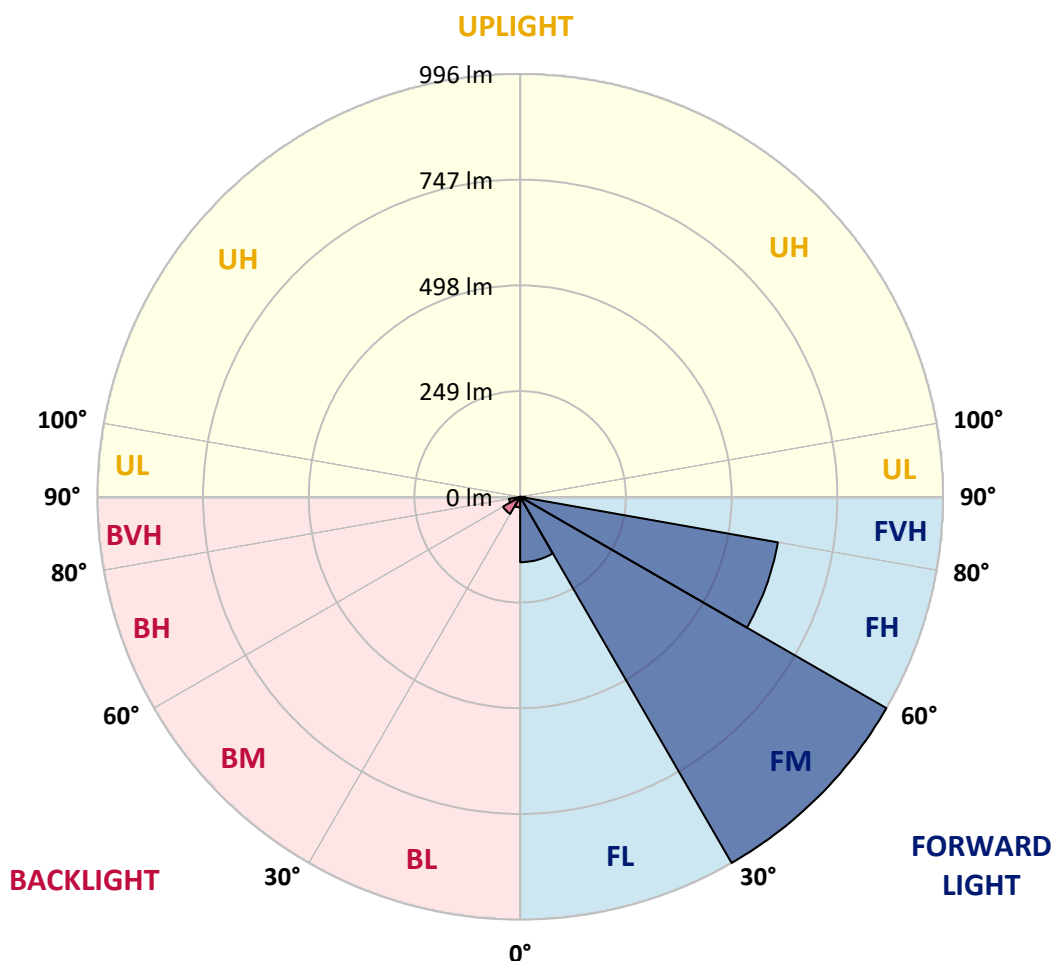
CATALOG NUMBER: SDL-PA1-20-727-U-T2R-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	153.9	8.2			
FM (30°-60°)	995.6	53.1			
FH (60°-80°)	616.2	32.8			G0/660
FVH (80°-90°)	11.8	0.6			G1/100
BL (0°-30°)	24.9	1.3	B0/110		
BM (30°-60°)	46.4	2.5	B0/220		
BH (60°-80°)	26.7	1.4	B0/110		G0/110
BVH (80°-90°)	1.1	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-G1**

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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	305.6	312.3	319.0	321.5	324.9	327.4	329.9	332.5	335.0	336.7	339.2
5°	347.6	346.7	345.9	345.0	345.0	344.2	343.4	342.5	341.7	340.0	339.2
7.5°	304.7	326.6	347.6	348.4	349.2	349.2	350.1	355.1	360.2	364.4	369.4
10°	396.3	396.3	396.3	396.3	396.3	395.4	395.4	396.3	396.3	397.1	397.1
12.5°	333.3	338.3	342.5	357.6	371.9	387.0	401.3	404.7	408.0	410.5	413.9
15°	403.0	404.7	406.3	407.2	408.0	408.0	408.9	396.3	383.7	371.1	358.5
17.5°	319.0	320.7	321.5	332.5	343.4	354.3	365.2	371.1	377.8	383.7	389.5
20°	408.9	409.7	410.5	411.4	412.2	412.2	413.0	386.2	359.3	332.5	305.6
22.5°	341.7	342.5	342.5	345.0	346.7	349.2	350.9	361.0	371.1	381.1	391.2
25°	469.3	469.3	468.5	464.3	460.9	456.7	452.5	427.3	402.1	376.1	350.9
27.5°	436.6	437.4	437.4	434.0	430.7	427.3	424.0	429.0	434.9	439.9	445.0
30°	629.6	629.6	629.6	625.5	620.4	616.2	611.2	574.2	537.3	499.5	462.6
32.5°	846.2	831.1	815.2	785.0	754.7	723.7	693.5	670.8	648.1	624.6	601.9
35°	942.8	940.3	937.8	926.8	915.9	904.2	893.3	849.6	805.9	761.5	717.8
37.5°	1024.2	1020.9	1016.7	1008.3	999.9	991.5	983.1	938.6	893.3	848.8	803.4
40°	1089.7	1087.2	1084.7	1078.0	1071.2	1064.5	1057.8	1010.0	962.1	914.2	866.4
42.5°	1136.7	1136.7	1135.9	1130.8	1125.0	1119.9	1114.1	1066.2	1018.4	970.5	922.6
45°	1172.0	1172.0	1172.0	1168.6	1164.4	1161.1	1156.9	1114.9	1073.8	1031.8	989.8
47.5°	1177.0	1177.9	1178.7	1178.7	1178.7	1178.7	1178.7	1139.2	1100.6	1061.2	1021.7
50°	1130.8	1133.4	1135.9	1140.1	1145.1	1149.3	1153.5	1134.2	1114.1	1094.7	1074.6
52.5°	1007.4	1018.4	1028.4	1039.3	1050.3	1060.3	1071.2	1063.7	1056.1	1048.6	1041.0
55°	766.5	773.2	779.1	810.1	841.2	872.3	903.3	916.8	929.4	942.8	955.4
57.5°	595.2	597.7	599.4	619.6	639.7	659.0	679.2	712.8	746.3	779.1	812.7
60°	478.5	478.5	478.5	490.3	501.2	513.0	523.9	554.1	584.3	614.5	644.8
62.5°	356.0	359.3	362.7	374.4	385.3	397.1	408.0	423.1	438.2	453.3	468.5
65°	246.8	251.0	254.4	261.9	270.3	277.9	285.4	298.0	311.5	324.1	336.7
67.5°	173.8	175.5	177.1	181.3	184.7	188.9	192.3	200.6	208.2	216.6	224.2
70°	123.4	124.3	124.3	127.6	131.0	134.3	137.7	141.0	144.4	146.9	150.3
72.5°	89.8	90.7	91.5	94.0	95.7	98.2	99.9	101.6	103.3	104.9	106.6
75°	46.2	47.9	48.7	55.4	62.1	68.8	75.6	76.4	77.2	77.2	78.1
77.5°	38.6	39.5	39.5	40.3	41.1	42.0	42.8	47.0	52.1	56.2	60.4
80°	27.7	27.7	26.9	28.5	30.2	31.9	33.6	35.3	36.9	37.8	39.5
82.5°	16.0	16.8	16.8	17.6	18.5	19.3	20.1	21.8	24.3	26.0	27.7
85°	1.7	2.5	3.4	5.0	6.7	8.4	10.1	12.6	14.3	16.8	18.5
87.5°	0.8	0.8	0.8	0.8	1.7	1.7	1.7	2.5	2.5	3.4	3.4
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	340.8	342.5	343.4	345.0	344.2	342.5	341.7	340.0	337.5	335.0	331.6
5°	337.5	335.8	334.1	332.5	329.9	328.3	325.7	323.2	319.9	317.3	314.0
7.5°	369.4	368.6	368.6	367.7	365.2	363.5	361.0	358.5	354.3	350.1	345.9
10°	378.6	360.2	340.8	322.4	326.6	330.8	335.0	339.2	326.6	314.0	300.6
12.5°	405.5	397.1	388.7	380.3	366.9	352.6	339.2	324.9	318.2	310.6	303.9
15°	349.2	340.8	331.6	322.4	328.3	334.1	340.0	345.9	326.6	306.4	287.1
17.5°	382.0	373.6	366.0	357.6	334.1	310.6	286.3	262.8	282.9	302.2	322.4
20°	312.3	319.0	324.9	331.6	340.0	348.4	356.0	364.4	354.3	344.2	334.1
22.5°	377.8	365.2	351.8	338.3	344.2	350.1	355.1	361.0	349.2	337.5	324.9
25°	364.4	378.6	392.1	405.5	384.5	364.4	343.4	322.4	340.8	359.3	377.8
27.5°	425.6	406.3	386.2	366.9	384.5	402.1	418.9	436.6	420.6	403.8	387.9
30°	460.1	457.5	454.2	451.7	442.4	434.0	424.8	415.6	420.6	425.6	430.7
32.5°	573.4	545.7	517.2	488.6	495.3	502.0	507.9	514.6	507.1	499.5	491.1
35°	680.9	643.9	606.1	569.2	568.4	566.7	565.8	564.2	560.8	557.4	554.1
37.5°	761.5	719.5	677.5	635.5	636.4	636.4	637.2	637.2	625.5	613.7	601.9
40°	827.8	789.2	750.5	711.9	708.6	705.2	701.8	698.5	682.5	665.7	649.8
42.5°	884.0	846.2	807.6	769.0	763.1	758.1	752.2	746.3	732.9	718.6	705.2
45°	945.3	900.8	856.3	811.8	806.8	801.8	796.7	791.7	780.8	769.8	758.9
47.5°	977.2	932.7	887.4	842.9	839.5	835.3	832.0	827.8	821.9	815.2	809.3
50°	1022.5	971.3	919.3	867.2	865.6	863.9	861.4	859.7	858.0	857.2	855.5
52.5°	1001.6	961.3	921.8	881.5	882.3	882.3	883.2	883.2	887.4	891.6	895.8
55°	934.4	914.2	893.3	872.3	876.5	881.5	885.7	889.9	900.8	910.9	921.8
57.5°	816.0	819.4	822.7	826.1	841.2	855.5	870.6	884.9	900.8	915.9	931.9
60°	663.2	681.7	699.3	717.8	753.1	788.3	823.6	858.8	883.2	906.7	931.0
62.5°	494.5	520.5	546.5	572.6	627.1	682.5	737.1	791.7	828.6	864.7	901.7
65°	361.0	385.3	408.9	433.2	498.7	564.2	629.6	695.1	748.0	800.1	853.0
67.5°	241.8	259.4	276.2	293.8	360.2	426.5	492.8	559.1	632.2	705.2	777.4
70°	159.5	167.9	177.1	185.5	242.6	298.9	356.0	412.2	498.7	584.3	670.8
72.5°	109.1	111.7	114.2	116.7	155.3	193.9	232.5	271.2	358.5	445.8	532.3
75°	78.1	77.2	77.2	76.4	99.1	121.7	143.6	166.2	234.2	301.4	369.4
77.5°	59.6	57.9	57.1	55.4	66.3	77.2	88.2	99.1	131.0	163.7	195.6
80°	37.8	36.1	33.6	31.9	36.1	40.3	44.5	48.7	53.7	58.8	63.8
82.5°	27.7	27.7	27.7	27.7	27.7	28.5	28.5	28.5	26.9	25.2	22.7
85°	17.6	16.8	16.0	15.1	13.4	11.8	10.1	8.4	9.2	10.1	10.1
87.5°	3.4	2.5	2.5	1.7	1.7	1.7	1.7	1.7	2.5	2.5	3.4
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	329.1	325.7	322.4	319.0	315.7	312.3	308.9	305.6	302.2	297.2	293.0
5°	310.6	319.9	329.9	339.2	348.4	343.4	338.3	333.3	328.3	319.9	311.5
7.5°	341.7	330.8	320.7	310.6	299.7	302.2	304.7	307.3	309.8	302.2	292.2
10°	288.0	282.1	276.2	270.3	264.5	261.1	256.9	253.5	249.3	270.3	261.9
12.5°	296.4	293.8	291.3	288.0	285.4	268.6	252.7	235.9	219.1	212.4	214.9
15°	267.0	264.5	261.9	259.4	256.9	265.3	274.5	282.9	291.3	289.6	288.0
17.5°	341.7	330.8	320.7	309.8	298.9	293.8	288.0	282.9	277.0	267.8	265.3
20°	324.1	312.3	300.6	288.8	277.0	288.8	299.7	311.5	322.4	341.7	335.8
22.5°	313.1	332.5	352.6	371.9	391.2	372.8	355.1	336.7	318.2	324.1	295.5
25°	396.3	382.0	368.6	354.3	340.0	358.5	376.9	395.4	413.9	405.5	392.1
27.5°	371.1	385.3	398.8	413.0	426.5	433.2	440.8	447.5	454.2	437.4	440.8
30°	435.7	453.3	470.1	487.8	504.6	535.6	565.8	596.9	627.1	620.4	593.5
32.5°	483.6	513.0	542.3	570.9	600.3	617.9	636.4	654.0	671.6	673.3	639.7
35°	550.7	570.9	591.0	611.2	631.3	658.2	684.2	711.1	737.1	722.0	684.2
37.5°	590.2	611.2	633.0	654.0	675.0	707.7	740.5	772.4	805.1	772.4	731.2
40°	633.0	655.7	679.2	701.8	724.5	758.1	790.8	824.4	857.2	855.5	799.2
42.5°	690.9	713.6	737.1	759.8	782.4	817.7	853.0	887.4	922.6	921.8	858.0
45°	748.0	769.0	789.2	810.1	830.3	870.6	910.9	951.2	991.5	995.7	923.5
47.5°	802.6	821.1	839.5	858.0	876.5	931.9	986.4	1041.9	1096.4	1070.4	992.3
50°	853.8	872.3	890.7	909.2	927.7	992.3	1057.8	1122.5	1187.1	1152.7	1068.7
52.5°	900.0	922.6	946.2	968.8	991.5	1062.0	1132.5	1203.0	1273.6	1238.3	1151.8
55°	931.9	963.8	994.8	1026.7	1057.8	1135.9	1214.8	1292.9	1371.0	1330.7	1230.8
57.5°	947.0	984.8	1023.4	1061.2	1098.9	1179.5	1261.0	1341.6	1422.2	1381.9	1279.4
60°	954.5	998.2	1041.9	1084.7	1128.3	1215.6	1303.8	1391.1	1478.4	1444.0	1339.9
62.5°	937.8	993.2	1049.4	1104.8	1160.2	1253.4	1346.6	1439.0	1532.1	1509.5	1410.4
65°	905.0	978.1	1051.9	1125.0	1198.0	1308.8	1419.6	1529.6	1640.4	1616.1	1517.0
67.5°	850.4	946.2	1041.9	1137.6	1233.3	1371.0	1507.8	1645.5	1782.3	1758.0	1644.6
70°	756.4	876.5	996.5	1115.7	1235.8	1397.0	1559.0	1720.2	1881.4	1849.5	1715.2
72.5°	619.6	754.7	889.9	1024.2	1159.4	1331.5	1504.4	1676.5	1848.6	1788.2	1635.4
75°	436.6	560.0	683.4	805.9	929.4	1080.5	1231.6	1381.9	1533.0	1455.7	1306.3
77.5°	227.5	303.9	379.5	455.9	531.4	649.8	767.3	885.7	1003.2	864.7	752.2
80°	68.8	100.7	131.8	163.7	194.8	222.5	250.2	277.0	304.7	226.7	188.1
82.5°	21.0	27.7	33.6	40.3	46.2	46.2	46.2	45.3	45.3	36.1	30.2
85°	10.9	11.8	11.8	12.6	12.6	12.6	11.8	11.8	10.9	10.9	9.2
87.5°	3.4	3.4	4.2	4.2	4.2	4.2	4.2	3.4	3.4	3.4	3.4
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	289.6	285.4	281.2	276.2	271.2	266.1	261.1	256.1	251.0	246.0	241.8
5°	303.9	295.5	287.1	277.9	267.8	257.7	248.5	239.3	229.2	220.0	211.6
7.5°	282.1	272.0	259.4	246.8	234.2	221.6	208.2	195.6	182.2	168.7	157.8
10°	252.7	244.3	230.9	216.6	201.5	185.5	167.9	150.3	132.6	115.0	107.5
12.5°	216.6	219.1	204.8	190.6	174.6	158.7	141.9	125.1	107.5	90.7	85.6
15°	286.3	284.6	266.1	247.7	223.3	199.0	174.6	149.4	125.1	99.9	87.3
17.5°	261.9	259.4	239.3	219.1	197.3	175.5	152.8	129.3	106.6	83.1	71.4
20°	330.8	324.9	299.7	273.7	241.8	209.0	177.1	145.2	113.3	81.4	68.0
22.5°	267.0	238.4	218.3	198.1	172.9	146.9	125.9	104.1	83.1	61.3	52.9
25°	377.8	364.4	329.9	294.7	250.2	205.7	169.6	133.5	97.4	61.3	51.2
27.5°	444.1	447.5	400.5	353.4	297.2	240.9	193.9	146.9	99.9	52.9	45.3
30°	566.7	539.8	484.4	428.2	349.2	269.5	214.1	158.7	103.3	47.9	41.1
32.5°	607.0	573.4	510.4	446.6	354.3	261.1	205.7	150.3	94.0	38.6	34.4
35°	647.3	609.5	537.3	465.1	359.3	252.7	197.3	142.7	87.3	31.9	29.4
37.5°	690.1	649.0	568.4	486.9	364.4	241.8	188.9	135.2	82.3	28.5	26.0
40°	743.8	687.6	598.6	508.8	369.4	230.0	178.8	128.4	77.2	26.0	23.5
42.5°	795.0	731.2	632.2	532.3	375.3	218.3	169.6	121.7	73.0	24.3	21.8
45°	852.1	779.9	672.5	564.2	383.7	203.2	157.8	112.5	67.2	21.8	19.3
47.5°	914.2	836.2	716.1	596.1	392.1	188.1	146.1	104.9	63.0	21.0	18.5
50°	984.8	900.8	769.0	636.4	408.9	180.5	140.2	99.9	59.6	19.3	16.8
52.5°	1066.2	979.7	832.0	683.4	429.0	173.8	135.2	95.7	57.1	17.6	15.1
55°	1131.7	1031.8	868.1	703.5	433.2	162.0	125.9	89.0	52.9	16.0	14.3
57.5°	1177.9	1075.4	902.5	729.6	440.8	151.1	116.7	83.1	48.7	14.3	12.6
60°	1234.9	1130.8	945.3	758.9	450.0	141.0	109.1	77.2	44.5	12.6	10.9
62.5°	1311.3	1212.3	1006.6	800.1	465.1	129.3	99.9	70.5	40.3	10.9	10.1
65°	1417.1	1318.1	1078.8	839.5	479.4	118.4	91.5	64.6	36.9	10.1	9.2
67.5°	1530.5	1417.1	1135.9	853.8	479.4	104.9	81.4	57.1	33.6	9.2	8.4
70°	1580.8	1446.5	1126.7	805.9	445.0	84.0	65.5	46.2	27.7	8.4	7.6
72.5°	1483.5	1330.7	1001.6	672.5	362.7	52.9	41.1	30.2	18.5	6.7	5.9
75°	1156.0	1006.6	747.2	486.9	256.9	26.0	21.0	16.0	10.1	5.0	4.2
77.5°	640.6	528.1	383.7	239.3	127.6	15.1	12.6	10.1	6.7	4.2	4.2
80°	150.3	111.7	81.4	50.4	30.2	9.2	7.6	6.7	5.0	3.4	3.4
82.5°	24.3	18.5	13.4	8.4	6.7	5.0	4.2	4.2	3.4	2.5	2.5
85°	7.6	5.9	5.0	3.4	3.4	2.5	2.5	2.5	1.7	1.7	1.7
87.5°	2.5	2.5	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	236.7	232.5	227.5	224.2	220.8	216.6	213.2	209.9	206.5	203.2	199.8
5°	203.2	193.9	185.5	174.6	162.9	152.0	140.2	135.2	131.0	125.9	120.9
7.5°	146.9	136.0	125.1	120.9	116.7	111.7	107.5	103.3	99.1	94.9	90.7
10°	100.7	93.2	85.6	82.3	78.9	74.7	71.4	68.0	64.6	60.4	57.1
12.5°	80.6	74.7	69.7	63.8	57.9	52.1	46.2	44.5	42.8	40.3	38.6
15°	73.9	61.3	47.9	43.7	40.3	36.1	31.9	31.1	31.1	30.2	29.4
17.5°	59.6	47.9	36.1	34.4	31.9	30.2	27.7	26.0	24.3	22.7	21.0
20°	54.6	41.1	27.7	26.9	26.0	24.3	23.5	22.7	22.7	21.8	21.0
22.5°	45.3	36.9	28.5	26.0	23.5	21.0	18.5	18.5	19.3	19.3	19.3
25°	41.1	31.1	21.0	21.0	20.1	20.1	19.3	18.5	16.8	16.0	14.3
27.5°	37.8	30.2	22.7	21.0	19.3	17.6	16.0	16.0	15.1	15.1	14.3
30°	35.3	28.5	21.8	20.1	19.3	17.6	16.0	15.1	14.3	12.6	11.8
32.5°	31.1	26.9	22.7	21.0	18.5	16.8	14.3	13.4	12.6	10.9	10.1
35°	26.9	23.5	21.0	19.3	16.8	15.1	12.6	11.8	10.9	10.1	9.2
37.5°	23.5	21.0	18.5	16.8	15.1	12.6	10.9	10.1	9.2	8.4	7.6
40°	21.0	18.5	16.0	14.3	12.6	10.9	9.2	8.4	8.4	7.6	6.7
42.5°	19.3	16.8	14.3	12.6	11.8	10.1	8.4	7.6	6.7	5.9	5.0
45°	17.6	15.1	12.6	11.8	10.1	9.2	7.6	6.7	5.9	5.0	4.2
47.5°	16.0	13.4	10.9	10.1	9.2	7.6	6.7	5.9	5.0	4.2	3.4
50°	15.1	12.6	10.1	9.2	8.4	6.7	5.9	5.0	5.0	4.2	3.4
52.5°	13.4	10.9	8.4	7.6	6.7	5.9	5.0	4.2	4.2	3.4	2.5
55°	11.8	10.1	7.6	6.7	5.9	5.0	4.2	3.4	3.4	2.5	1.7
57.5°	10.9	8.4	6.7	5.9	5.0	4.2	3.4	3.4	2.5	2.5	1.7
60°	9.2	7.6	5.9	5.0	4.2	3.4	2.5	2.5	1.7	1.7	0.8
62.5°	8.4	7.6	5.9	5.0	4.2	3.4	2.5	2.5	1.7	1.7	0.8
65°	7.6	6.7	5.0	4.2	4.2	3.4	2.5	2.5	1.7	1.7	0.8
67.5°	7.6	5.9	5.0	4.2	3.4	2.5	1.7	1.7	1.7	0.8	0.8
70°	5.9	5.0	3.4	3.4	2.5	2.5	1.7	1.7	1.7	0.8	0.8
72.5°	5.0	4.2	3.4	3.4	2.5	2.5	1.7	1.7	1.7	0.8	0.8
75°	4.2	3.4	2.5	2.5	2.5	1.7	1.7	1.7	1.7	0.8	0.8
77.5°	3.4	3.4	2.5	2.5	2.5	1.7	1.7	1.7	1.7	0.8	0.8
80°	2.5	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8
82.5°	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	1.7	1.7	0.8
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):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	196.5	192.3	188.9	184.7	178.8	172.1	166.2	159.5	158.7	157.8	156.2
5°	118.4	115.9	113.3	110.8	109.1	107.5	105.8	104.1	102.4	101.6	99.9
7.5°	87.3	84.0	80.6	77.2	74.7	73.0	70.5	68.0	66.3	63.8	62.1
10°	53.7	49.5	46.2	42.0	43.7	45.3	46.2	47.9	47.9	47.0	47.0
12.5°	38.6	38.6	38.6	38.6	38.6	38.6	37.8	37.8	37.8	36.9	36.9
15°	28.5	27.7	26.9	26.0	26.0	26.0	25.2	25.2	26.9	27.7	29.4
17.5°	21.8	22.7	22.7	23.5	24.3	25.2	25.2	26.0	26.0	26.9	26.9
20°	21.0	21.0	20.1	20.1	19.3	19.3	18.5	17.6	18.5	20.1	21.0
22.5°	18.5	16.8	16.0	14.3	15.1	16.8	17.6	18.5	18.5	18.5	18.5
25°	15.1	15.1	16.0	16.0	15.1	14.3	13.4	12.6	13.4	14.3	14.3
27.5°	13.4	12.6	11.8	10.9	11.8	11.8	12.6	12.6	12.6	12.6	11.8
30°	11.8	11.8	10.9	10.9	10.9	10.1	10.1	9.2	10.1	10.1	10.9
32.5°	10.1	9.2	9.2	8.4	8.4	9.2	9.2	9.2	9.2	9.2	9.2
35°	9.2	8.4	8.4	7.6	7.6	7.6	7.6	7.6	8.4	8.4	9.2
37.5°	7.6	6.7	6.7	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6
40°	6.7	5.9	5.9	5.0	5.0	5.9	5.9	5.9	5.9	6.7	6.7
42.5°	5.0	5.0	4.2	4.2	4.2	5.0	5.0	5.0	5.0	5.9	5.9
45°	4.2	4.2	3.4	3.4	3.4	4.2	4.2	4.2	4.2	4.2	4.2
47.5°	3.4	3.4	2.5	2.5	2.5	3.4	3.4	3.4	3.4	3.4	3.4
50°	3.4	2.5	2.5	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5
52.5°	2.5	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8
57.5°	1.7	1.7	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8
60°	0.8	0.8	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8
62.5°	0.8	0.8	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7
65°	0.8	0.8	0.8	0.8	1.7	1.7	2.5	2.5	2.5	2.5	1.7
67.5°	0.8	0.8	0.8	0.8	1.7	1.7	2.5	2.5	2.5	1.7	1.7
70°	0.8	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	1.7
72.5°	0.8	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	1.7
75°	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7
77.5°	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7
80°	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7
82.5°	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7
85°	1.7	2.5	2.5	3.4	3.4	3.4	2.5	2.5	2.5	2.5	1.7
87.5°	1.7	2.5	2.5	3.4	3.4	3.4	2.5	2.5	2.5	2.5	1.7
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	155.3	153.6	152.0	149.4	147.8	149.4	151.1	149.4	147.8	149.4	152.0
5°	98.2	97.4	97.4	96.5	95.7	95.7	94.9	95.7	95.7	96.5	97.4
7.5°	59.6	58.8	57.9	56.2	55.4	57.1	57.9	57.1	55.4	56.2	57.9
10°	46.2	46.2	45.3	45.3	44.5	44.5	44.5	44.5	44.5	45.3	45.3
12.5°	36.1	35.3	34.4	33.6	32.7	34.4	35.3	34.4	32.7	33.6	34.4
15°	30.2	30.2	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
17.5°	26.9	26.0	26.0	25.2	24.3	24.3	23.5	24.3	24.3	25.2	26.0
20°	21.8	21.8	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
22.5°	18.5	17.6	17.6	16.8	16.0	16.0	15.1	16.0	16.0	16.8	17.6
25°	15.1	15.1	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
27.5°	11.8	11.8	11.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.8
30°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
32.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
35°	9.2	9.2	9.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.2
37.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
40°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
42.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
45°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
47.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
50°	2.5	2.5	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5
52.5°	1.7	1.7	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7
55°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
62.5°	1.7	1.7	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7
65°	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.8
67.5°	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
70°	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.8
72.5°	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.8
75°	1.7	1.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.8
77.5°	1.7	1.7	1.7	0.8	0.8	0.8	0.0	0.8	0.8	0.8	1.7
80°	1.7	1.7	1.7	0.8	0.8	0.8	0.0	0.8	0.8	0.8	1.7
82.5°	1.7	1.7	1.7	0.8	0.8	0.8	0.0	0.8	0.8	0.8	1.7
85°	1.7	1.7	1.7	0.8	0.8	0.8	0.0	0.8	0.8	0.8	1.7
87.5°	1.7	1.7	1.7	0.8	0.8	0.8	0.0	0.8	0.8	0.8	1.7
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	153.6	155.3	156.2	157.8	158.7	159.5	166.2	172.1	178.8	184.7	188.9
5°	97.4	98.2	99.9	101.6	102.4	104.1	105.8	107.5	109.1	110.8	113.3
7.5°	58.8	59.6	62.1	63.8	66.3	68.0	70.5	73.0	74.7	77.2	80.6
10°	46.2	46.2	47.0	47.0	47.9	47.9	46.2	45.3	43.7	42.0	46.2
12.5°	35.3	36.1	36.9	36.9	37.8	37.8	37.8	38.6	38.6	38.6	38.6
15°	30.2	30.2	29.4	27.7	26.9	25.2	25.2	26.0	26.0	26.0	26.9
17.5°	26.0	26.9	26.9	26.9	26.0	26.0	25.2	25.2	24.3	23.5	22.7
20°	21.8	21.8	21.0	20.1	18.5	17.6	18.5	19.3	19.3	20.1	20.1
22.5°	17.6	18.5	18.5	18.5	18.5	18.5	17.6	16.8	15.1	14.3	16.0
25°	15.1	15.1	14.3	14.3	13.4	12.6	13.4	14.3	15.1	16.0	16.0
27.5°	11.8	11.8	11.8	12.6	12.6	12.6	12.6	11.8	11.8	10.9	11.8
30°	10.9	10.9	10.9	10.1	10.1	9.2	10.1	10.1	10.9	10.9	10.9
32.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.4	8.4	9.2
35°	9.2	9.2	9.2	8.4	8.4	7.6	7.6	7.6	7.6	7.6	8.4
37.5°	7.6	7.6	7.6	7.6	6.7	6.7	6.7	6.7	5.9	5.9	6.7
40°	6.7	6.7	6.7	6.7	5.9	5.9	5.9	5.9	5.0	5.0	5.9
42.5°	5.9	5.9	5.9	5.9	5.0	5.0	5.0	5.0	4.2	4.2	4.2
45°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	3.4	3.4
47.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.5	2.5	2.5
50°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.7	2.5
52.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
55°	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
60°	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
62.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
65°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	1.7	1.7	0.8	0.8
67.5°	0.8	0.8	1.7	1.7	2.5	2.5	2.5	1.7	1.7	0.8	0.8
70°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	1.7	1.7	1.7
75°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.4	3.4	3.4	2.5
87.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.4	3.4	3.4	2.5
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	192.3	196.5	199.8	203.2	206.5	209.9	213.2	216.6	220.8	224.2	227.5
5°	115.9	118.4	120.9	125.9	131.0	135.2	140.2	152.0	162.9	174.6	185.5
7.5°	84.0	87.3	90.7	94.9	99.1	103.3	107.5	111.7	116.7	120.9	125.1
10°	49.5	53.7	57.1	60.4	64.6	68.0	71.4	74.7	78.9	82.3	85.6
12.5°	38.6	38.6	38.6	40.3	42.8	44.5	46.2	52.1	57.9	63.8	69.7
15°	27.7	28.5	29.4	30.2	31.1	31.1	31.9	36.1	40.3	43.7	47.9
17.5°	22.7	21.8	21.0	22.7	24.3	26.0	27.7	30.2	31.9	34.4	36.1
20°	21.0	21.0	21.0	21.8	22.7	22.7	23.5	24.3	26.0	26.9	27.7
22.5°	16.8	18.5	19.3	19.3	19.3	18.5	18.5	21.0	23.5	26.0	28.5
25°	15.1	15.1	14.3	16.0	16.8	18.5	19.3	20.1	20.1	21.0	21.0
27.5°	12.6	13.4	14.3	15.1	15.1	16.0	16.0	17.6	19.3	21.0	22.7
30°	11.8	11.8	11.8	12.6	14.3	15.1	16.0	17.6	19.3	20.1	21.8
32.5°	9.2	10.1	10.1	10.9	12.6	13.4	14.3	16.8	18.5	21.0	22.7
35°	8.4	9.2	9.2	10.1	10.9	11.8	12.6	15.1	16.8	19.3	21.0
37.5°	6.7	7.6	7.6	8.4	9.2	10.1	10.9	12.6	15.1	16.8	18.5
40°	5.9	6.7	6.7	7.6	8.4	8.4	9.2	10.9	12.6	14.3	16.0
42.5°	5.0	5.0	5.0	5.9	6.7	7.6	8.4	10.1	11.8	12.6	14.3
45°	4.2	4.2	4.2	5.0	5.9	6.7	7.6	9.2	10.1	11.8	12.6
47.5°	3.4	3.4	3.4	4.2	5.0	5.9	6.7	7.6	9.2	10.1	10.9
50°	2.5	3.4	3.4	4.2	5.0	5.0	5.9	6.7	8.4	9.2	10.1
52.5°	2.5	2.5	2.5	3.4	4.2	4.2	5.0	5.9	6.7	7.6	8.4
55°	1.7	1.7	1.7	2.5	3.4	3.4	4.2	5.0	5.9	6.7	7.6
57.5°	1.7	1.7	1.7	2.5	2.5	3.4	3.4	4.2	5.0	5.9	6.7
60°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.4	4.2	5.0	5.9
62.5°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.4	4.2	5.0	5.9
65°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.4	4.2	4.2	5.0
67.5°	0.8	0.8	0.8	0.8	1.7	1.7	1.7	2.5	3.4	4.2	5.0
70°	1.7	0.8	0.8	0.8	1.7	1.7	1.7	2.5	2.5	3.4	3.4
72.5°	1.7	0.8	0.8	0.8	1.7	1.7	1.7	2.5	2.5	3.4	3.4
75°	1.7	1.7	0.8	0.8	1.7	1.7	1.7	1.7	2.5	2.5	2.5
77.5°	1.7	1.7	0.8	0.8	1.7	1.7	1.7	1.7	2.5	2.5	2.5
80°	1.7	1.7	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	2.5	1.7	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	2.5	1.7	0.8	1.7	1.7	2.5	2.5	2.5	2.5	1.7	1.7
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	232.5	236.7	241.8	246.0	251.0	256.1	261.1	266.1	271.2	276.2	281.2
5°	193.9	203.2	211.6	220.0	229.2	239.3	248.5	257.7	267.8	277.9	287.1
7.5°	136.0	146.9	157.8	168.7	182.2	195.6	208.2	221.6	234.2	246.8	259.4
10°	93.2	100.7	107.5	115.0	132.6	150.3	167.9	185.5	201.5	216.6	230.9
12.5°	74.7	80.6	85.6	90.7	107.5	125.1	141.9	158.7	174.6	190.6	204.8
15°	61.3	73.9	87.3	99.9	125.1	149.4	174.6	199.0	223.3	247.7	266.1
17.5°	47.9	59.6	71.4	83.1	106.6	129.3	152.8	175.5	197.3	219.1	239.3
20°	41.1	54.6	68.0	81.4	113.3	145.2	177.1	209.0	241.8	273.7	299.7
22.5°	36.9	45.3	52.9	61.3	83.1	104.1	125.9	146.9	172.9	198.1	218.3
25°	31.1	41.1	51.2	61.3	97.4	133.5	169.6	205.7	250.2	294.7	329.9
27.5°	30.2	37.8	45.3	52.9	99.9	146.9	193.9	240.9	297.2	353.4	400.5
30°	28.5	35.3	41.1	47.9	103.3	158.7	214.1	269.5	349.2	428.2	484.4
32.5°	26.9	31.1	34.4	38.6	94.0	150.3	205.7	261.1	354.3	446.6	510.4
35°	23.5	26.9	29.4	31.9	87.3	142.7	197.3	252.7	359.3	465.1	537.3
37.5°	21.0	23.5	26.0	28.5	82.3	135.2	188.9	241.8	364.4	486.9	568.4
40°	18.5	21.0	23.5	26.0	77.2	128.4	178.8	230.0	369.4	508.8	598.6
42.5°	16.8	19.3	21.8	24.3	73.0	121.7	169.6	218.3	375.3	532.3	632.2
45°	15.1	17.6	19.3	21.8	67.2	112.5	157.8	203.2	383.7	564.2	672.5
47.5°	13.4	16.0	18.5	21.0	63.0	104.9	146.1	188.1	392.1	596.1	716.1
50°	12.6	15.1	16.8	19.3	59.6	99.9	140.2	180.5	408.9	636.4	769.0
52.5°	10.9	13.4	15.1	17.6	57.1	95.7	135.2	173.8	429.0	683.4	832.0
55°	10.1	11.8	14.3	16.0	52.9	89.0	125.9	162.0	433.2	703.5	868.1
57.5°	8.4	10.9	12.6	14.3	48.7	83.1	116.7	151.1	440.8	729.6	902.5
60°	7.6	9.2	10.9	12.6	44.5	77.2	109.1	141.0	450.0	758.9	945.3
62.5°	7.6	8.4	10.1	10.9	40.3	70.5	99.9	129.3	465.1	800.1	1006.6
65°	6.7	7.6	9.2	10.1	36.9	64.6	91.5	118.4	479.4	839.5	1078.8
67.5°	5.9	7.6	8.4	9.2	33.6	57.1	81.4	104.9	479.4	853.8	1135.9
70°	5.0	5.9	7.6	8.4	27.7	46.2	65.5	84.0	445.0	805.9	1126.7
72.5°	4.2	5.0	5.9	6.7	18.5	30.2	41.1	52.9	362.7	672.5	1001.6
75°	3.4	4.2	4.2	5.0	10.1	16.0	21.0	26.0	256.9	486.9	747.2
77.5°	3.4	3.4	4.2	4.2	6.7	10.1	12.6	15.1	127.6	239.3	383.7
80°	2.5	2.5	3.4	3.4	5.0	6.7	7.6	9.2	30.2	50.4	81.4
82.5°	1.7	2.5	2.5	2.5	3.4	4.2	4.2	5.0	6.7	8.4	13.4
85°	1.7	1.7	1.7	1.7	1.7	2.5	2.5	2.5	3.4	3.4	5.0
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	285.4	289.6	293.0	297.2	302.2	305.6	308.9	312.3	315.7	319.0	322.4
5°	295.5	303.9	311.5	319.9	328.3	333.3	338.3	343.4	348.4	339.2	329.9
7.5°	272.0	282.1	292.2	302.2	309.8	307.3	304.7	302.2	299.7	310.6	320.7
10°	244.3	252.7	261.9	270.3	249.3	253.5	256.9	261.1	264.5	270.3	276.2
12.5°	219.1	216.6	214.9	212.4	219.1	235.9	252.7	268.6	285.4	288.0	291.3
15°	284.6	286.3	288.0	289.6	291.3	282.9	274.5	265.3	256.9	259.4	261.9
17.5°	259.4	261.9	265.3	267.8	277.0	282.9	288.0	293.8	298.9	309.8	320.7
20°	324.9	330.8	335.8	341.7	322.4	311.5	299.7	288.8	277.0	288.8	300.6
22.5°	238.4	267.0	295.5	324.1	318.2	336.7	355.1	372.8	391.2	371.9	352.6
25°	364.4	377.8	392.1	405.5	413.9	395.4	376.9	358.5	340.0	354.3	368.6
27.5°	447.5	444.1	440.8	437.4	454.2	447.5	440.8	433.2	426.5	413.0	398.8
30°	539.8	566.7	593.5	620.4	627.1	596.9	565.8	535.6	504.6	487.8	470.1
32.5°	573.4	607.0	639.7	673.3	671.6	654.0	636.4	617.9	600.3	570.9	542.3
35°	609.5	647.3	684.2	722.0	737.1	711.1	684.2	658.2	631.3	611.2	591.0
37.5°	649.0	690.1	731.2	772.4	805.1	772.4	740.5	707.7	675.0	654.0	633.0
40°	687.6	743.8	799.2	855.5	857.2	824.4	790.8	758.1	724.5	701.8	679.2
42.5°	731.2	795.0	858.0	921.8	922.6	887.4	853.0	817.7	782.4	759.8	737.1
45°	779.9	852.1	923.5	995.7	991.5	951.2	910.9	870.6	830.3	810.1	789.2
47.5°	836.2	914.2	992.3	1070.4	1096.4	1041.9	986.4	931.9	876.5	858.0	839.5
50°	900.8	984.8	1068.7	1152.7	1187.1	1122.5	1057.8	992.3	927.7	909.2	890.7
52.5°	979.7	1066.2	1151.8	1238.3	1273.6	1203.0	1132.5	1062.0	991.5	968.8	946.2
55°	1031.8	1131.7	1230.8	1330.7	1371.0	1292.9	1214.8	1135.9	1057.8	1026.7	994.8
57.5°	1075.4	1177.9	1279.4	1381.9	1422.2	1341.6	1261.0	1179.5	1098.9	1061.2	1023.4
60°	1130.8	1234.9	1339.9	1444.0	1478.4	1391.1	1303.8	1215.6	1128.3	1084.7	1041.9
62.5°	1212.3	1311.3	1410.4	1509.5	1532.1	1439.0	1346.6	1253.4	1160.2	1104.8	1049.4
65°	1318.1	1417.1	1517.0	1616.1	1640.4	1529.6	1419.6	1308.8	1198.0	1125.0	1051.9
67.5°	1417.1	1530.5	1644.6	1758.0	1782.3	1645.5	1507.8	1371.0	1233.3	1137.6	1041.9
70°	1446.5	1580.8	1715.2	1849.5	1881.4	1720.2	1559.0	1397.0	1235.8	1115.7	996.5
72.5°	1330.7	1483.5	1635.4	1788.2	1848.6	1676.5	1504.4	1331.5	1159.4	1024.2	889.9
75°	1006.6	1156.0	1306.3	1455.7	1533.0	1381.9	1231.6	1080.5	929.4	805.9	683.4
77.5°	528.1	640.6	752.2	864.7	1003.2	885.7	767.3	649.8	531.4	455.9	379.5
80°	111.7	150.3	188.1	226.7	304.7	277.0	250.2	222.5	194.8	163.7	131.8
82.5°	18.5	24.3	30.2	36.1	45.3	45.3	46.2	46.2	46.2	40.3	33.6
85°	5.9	7.6	9.2	10.9	10.9	11.8	11.8	12.6	12.6	12.6	11.8
87.5°	2.5	2.5	3.4	3.4	3.4	3.4	4.2	4.2	4.2	4.2	4.2
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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CATALOG NUMBER: SDL-PA1-20-727-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	325.7	329.1	331.6	335.0	337.5	340.0	341.7	342.5	344.2	345.0	343.4
5°	319.9	310.6	314.0	317.3	319.9	323.2	325.7	328.3	329.9	332.5	334.1
7.5°	331.6	341.7	345.9	350.1	354.3	358.5	361.0	363.5	365.2	367.7	368.6
10°	282.1	288.0	300.6	314.0	326.6	339.2	335.0	330.8	326.6	322.4	340.8
12.5°	293.8	296.4	303.9	310.6	318.2	324.9	339.2	352.6	366.9	380.3	388.7
15°	264.5	267.0	287.1	306.4	326.6	345.9	340.0	334.1	328.3	322.4	331.6
17.5°	330.8	341.7	322.4	302.2	282.9	262.8	286.3	310.6	334.1	357.6	366.0
20°	312.3	324.1	334.1	344.2	354.3	364.4	356.0	348.4	340.0	331.6	324.9
22.5°	332.5	313.1	324.9	337.5	349.2	361.0	355.1	350.1	344.2	338.3	351.8
25°	382.0	396.3	377.8	359.3	340.8	322.4	343.4	364.4	384.5	405.5	392.1
27.5°	385.3	371.1	387.9	403.8	420.6	436.6	418.9	402.1	384.5	366.9	386.2
30°	453.3	435.7	430.7	425.6	420.6	415.6	424.8	434.0	442.4	451.7	454.2
32.5°	513.0	483.6	491.1	499.5	507.1	514.6	507.9	502.0	495.3	488.6	517.2
35°	570.9	550.7	554.1	557.4	560.8	564.2	565.8	566.7	568.4	569.2	606.1
37.5°	611.2	590.2	601.9	613.7	625.5	637.2	637.2	636.4	636.4	635.5	677.5
40°	655.7	633.0	649.8	665.7	682.5	698.5	701.8	705.2	708.6	711.9	750.5
42.5°	713.6	690.9	705.2	718.6	732.9	746.3	752.2	758.1	763.1	769.0	807.6
45°	769.0	748.0	758.9	769.8	780.8	791.7	796.7	801.8	806.8	811.8	856.3
47.5°	821.1	802.6	809.3	815.2	821.9	827.8	832.0	835.3	839.5	842.9	887.4
50°	872.3	853.8	855.5	857.2	858.0	859.7	861.4	863.9	865.6	867.2	919.3
52.5°	922.6	900.0	895.8	891.6	887.4	883.2	883.2	882.3	882.3	881.5	921.8
55°	963.8	931.9	921.8	910.9	900.8	889.9	885.7	881.5	876.5	872.3	893.3
57.5°	984.8	947.0	931.9	915.9	900.8	884.9	870.6	855.5	841.2	826.1	822.7
60°	998.2	954.5	931.0	906.7	883.2	858.8	823.6	788.3	753.1	717.8	699.3
62.5°	993.2	937.8	901.7	864.7	828.6	791.7	737.1	682.5	627.1	572.6	546.5
65°	978.1	905.0	853.0	800.1	748.0	695.1	629.6	564.2	498.7	433.2	408.9
67.5°	946.2	850.4	777.4	705.2	632.2	559.1	492.8	426.5	360.2	293.8	276.2
70°	876.5	756.4	670.8	584.3	498.7	412.2	356.0	298.9	242.6	185.5	177.1
72.5°	754.7	619.6	532.3	445.8	358.5	271.2	232.5	193.9	155.3	116.7	114.2
75°	560.0	436.6	369.4	301.4	234.2	166.2	143.6	121.7	99.1	76.4	77.2
77.5°	303.9	227.5	195.6	163.7	131.0	99.1	88.2	77.2	66.3	55.4	57.1
80°	100.7	68.8	63.8	58.8	53.7	48.7	44.5	40.3	36.1	31.9	33.6
82.5°	27.7	21.0	22.7	25.2	26.9	28.5	28.5	28.5	27.7	27.7	27.7
85°	11.8	10.9	10.1	10.1	9.2	8.4	10.1	11.8	13.4	15.1	16.0
87.5°	3.4	3.4	3.4	2.5	2.5	1.7	1.7	1.7	1.7	1.7	2.5
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	342.5	340.8	339.2	336.7	335.0	332.5	329.9	327.4	324.9	321.5	319.0
5°	335.8	337.5	339.2	340.0	341.7	342.5	343.4	344.2	345.0	345.0	345.9
7.5°	368.6	369.4	369.4	364.4	360.2	355.1	350.1	349.2	349.2	348.4	347.6
10°	360.2	378.6	397.1	397.1	396.3	396.3	395.4	395.4	396.3	396.3	396.3
12.5°	397.1	405.5	413.9	410.5	408.0	404.7	401.3	387.0	371.9	357.6	342.5
15°	340.8	349.2	358.5	371.1	383.7	396.3	408.9	408.0	408.0	407.2	406.3
17.5°	373.6	382.0	389.5	383.7	377.8	371.1	365.2	354.3	343.4	332.5	321.5
20°	319.0	312.3	305.6	332.5	359.3	386.2	413.0	412.2	412.2	411.4	410.5
22.5°	365.2	377.8	391.2	381.1	371.1	361.0	350.9	349.2	346.7	345.0	342.5
25°	378.6	364.4	350.9	376.1	402.1	427.3	452.5	456.7	460.9	464.3	468.5
27.5°	406.3	425.6	445.0	439.9	434.9	429.0	424.0	427.3	430.7	434.0	437.4
30°	457.5	460.1	462.6	499.5	537.3	574.2	611.2	616.2	620.4	625.5	629.6
32.5°	545.7	573.4	601.9	624.6	648.1	670.8	693.5	723.7	754.7	785.0	815.2
35°	643.9	680.9	717.8	761.5	805.9	849.6	893.3	904.2	915.9	926.8	937.8
37.5°	719.5	761.5	803.4	848.8	893.3	938.6	983.1	991.5	999.9	1008.3	1016.7
40°	789.2	827.8	866.4	914.2	962.1	1010.0	1057.8	1064.5	1071.2	1078.0	1084.7
42.5°	846.2	884.0	922.6	970.5	1018.4	1066.2	1114.1	1119.9	1125.0	1130.8	1135.9
45°	900.8	945.3	989.8	1031.8	1073.8	1114.9	1156.9	1161.1	1164.4	1168.6	1172.0
47.5°	932.7	977.2	1021.7	1061.2	1100.6	1139.2	1178.7	1178.7	1178.7	1178.7	1178.7
50°	971.3	1022.5	1074.6	1094.7	1114.1	1134.2	1153.5	1149.3	1145.1	1140.1	1135.9
52.5°	961.3	1001.6	1041.0	1048.6	1056.1	1063.7	1071.2	1060.3	1050.3	1039.3	1028.4
55°	914.2	934.4	955.4	942.8	929.4	916.8	903.3	872.3	841.2	810.1	779.1
57.5°	819.4	816.0	812.7	779.1	746.3	712.8	679.2	659.0	639.7	619.6	599.4
60°	681.7	663.2	644.8	614.5	584.3	554.1	523.9	513.0	501.2	490.3	478.5
62.5°	520.5	494.5	468.5	453.3	438.2	423.1	408.0	397.1	385.3	374.4	362.7
65°	385.3	361.0	336.7	324.1	311.5	298.0	285.4	277.9	270.3	261.9	254.4
67.5°	259.4	241.8	224.2	216.6	208.2	200.6	192.3	188.9	184.7	181.3	177.1
70°	167.9	159.5	150.3	146.9	144.4	141.0	137.7	134.3	131.0	127.6	124.3
72.5°	111.7	109.1	106.6	104.9	103.3	101.6	99.9	98.2	95.7	94.0	91.5
75°	77.2	78.1	78.1	77.2	77.2	76.4	75.6	68.8	62.1	55.4	48.7
77.5°	57.9	59.6	60.4	56.2	52.1	47.0	42.8	42.0	41.1	40.3	39.5
80°	36.1	37.8	39.5	37.8	36.9	35.3	33.6	31.9	30.2	28.5	26.9
82.5°	27.7	27.7	27.7	26.0	24.3	21.8	20.1	19.3	18.5	17.6	16.8
85°	16.8	17.6	18.5	16.8	14.3	12.6	10.1	8.4	6.7	5.0	3.4
87.5°	2.5	3.4	3.4	3.4	2.5	2.5	1.7	1.7	1.7	0.8	0.8
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°	275.4	275.4
2.5°	312.3	305.6
5°	346.7	347.6
7.5°	326.6	304.7
10°	396.3	396.3
12.5°	338.3	333.3
15°	404.7	403.0
17.5°	320.7	319.0
20°	409.7	408.9
22.5°	342.5	341.7
25°	469.3	469.3
27.5°	437.4	436.6
30°	629.6	629.6
32.5°	831.1	846.2
35°	940.3	942.8
37.5°	1020.9	1024.2
40°	1087.2	1089.7
42.5°	1136.7	1136.7
45°	1172.0	1172.0
47.5°	1177.9	1177.0
50°	1133.4	1130.8
52.5°	1018.4	1007.4
55°	773.2	766.5
57.5°	597.7	595.2
60°	478.5	478.5
62.5°	359.3	356.0
65°	251.0	246.8
67.5°	175.5	173.8
70°	124.3	123.4
72.5°	90.7	89.8
75°	47.9	46.2
77.5°	39.5	38.6
80°	27.7	27.7
82.5°	16.8	16.0
85°	2.5	1.7
87.5°	0.8	0.8
90°	0.0	0.0

(END OF REPORT)