

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: P559803

Luminaire Tested: **SDL-PA1-100-727-U-5WQ**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559803  
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-PA1-100-727-U-5WQ  
Description: Springdale  
(1) 70 CRI, 2700K, 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: 8915.9 lumens  
Efficiency: N/A  
Efficacy: 95.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G3

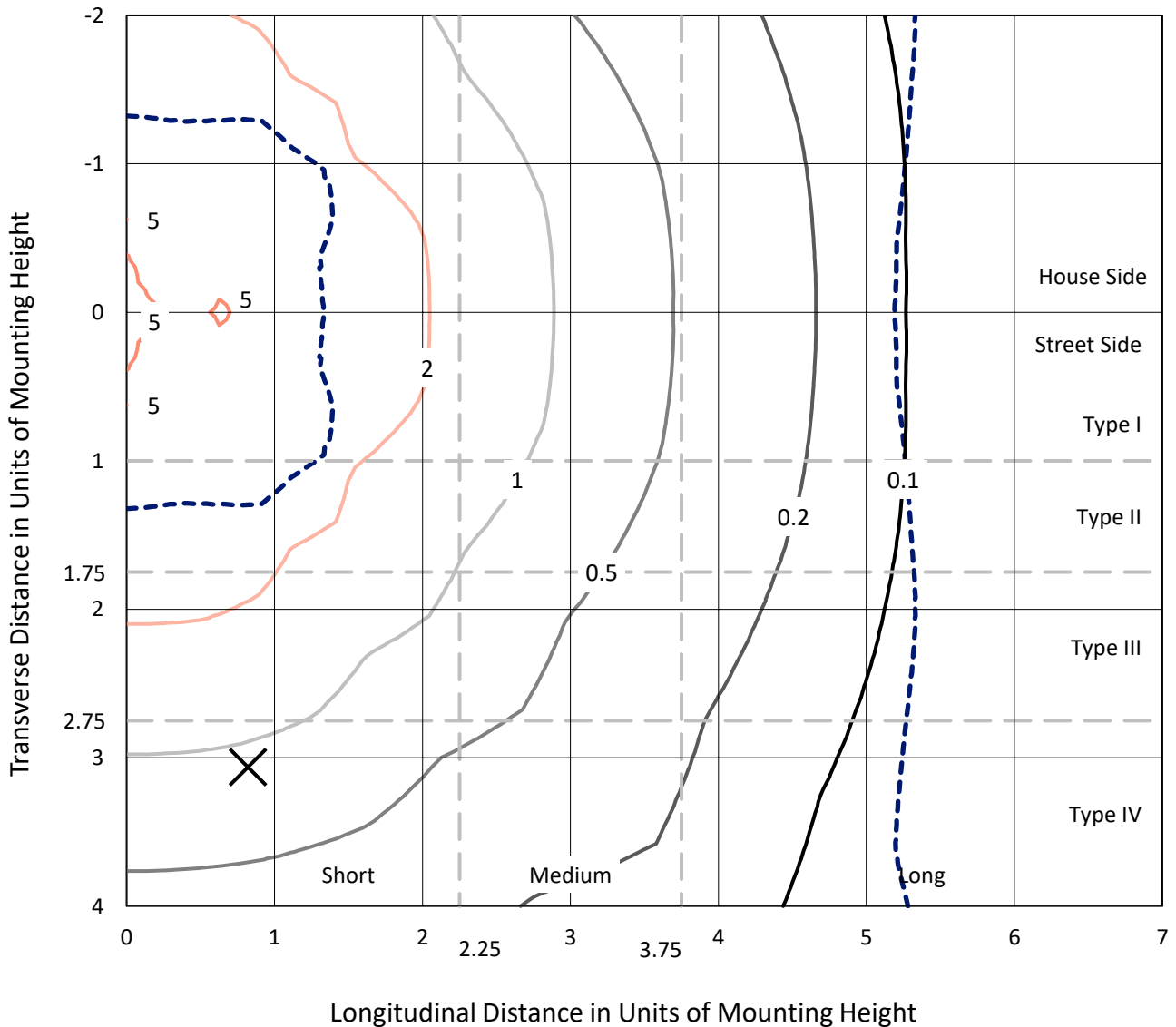
Input Watts (W): 93.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

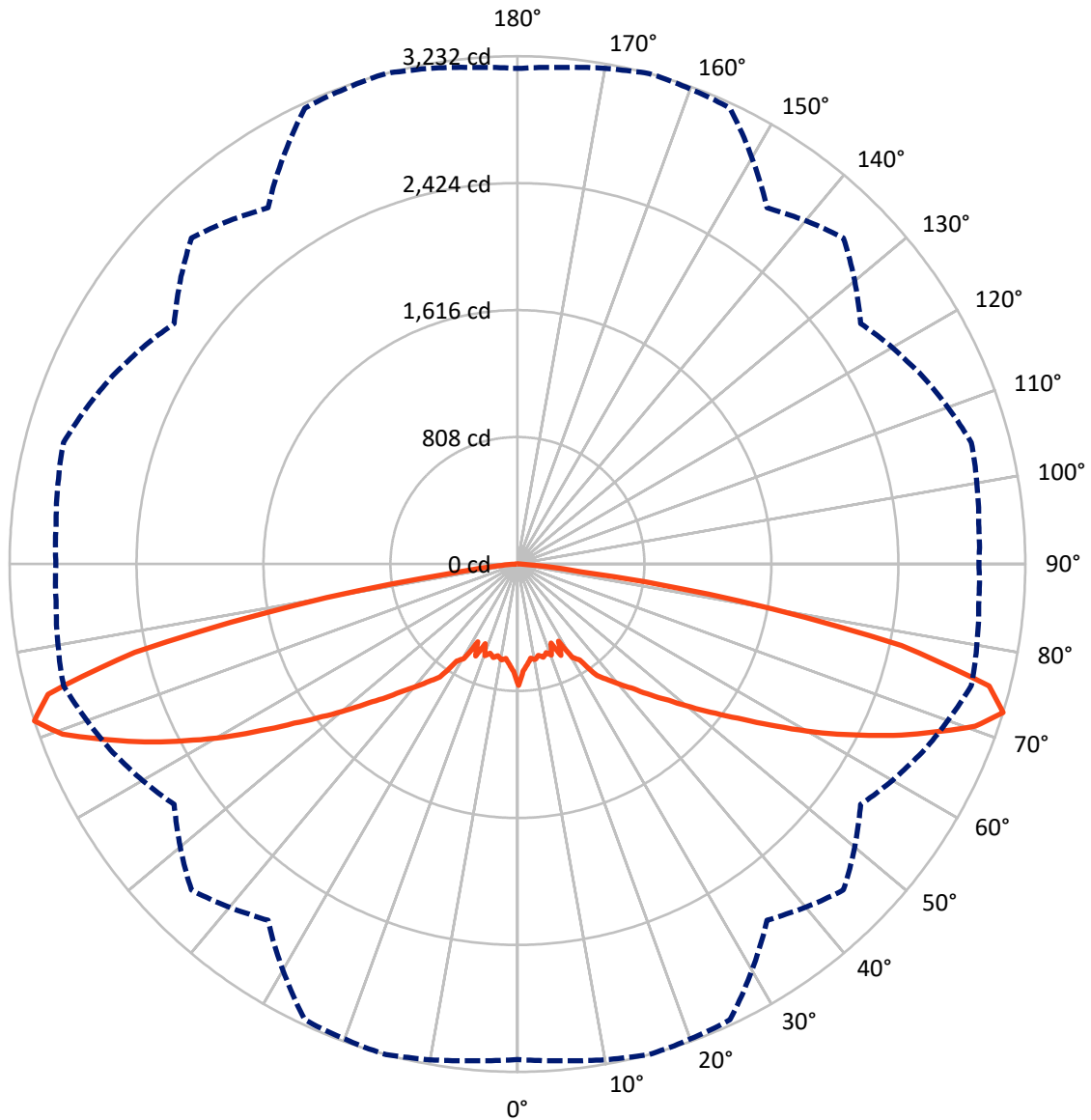
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 15-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

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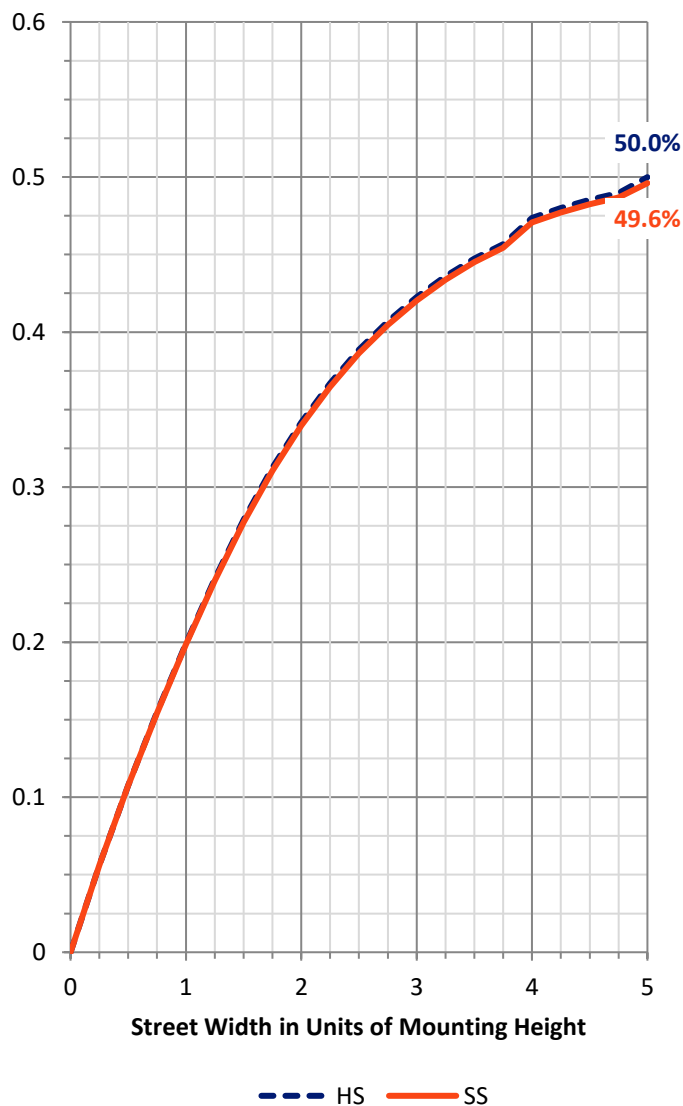
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4458.0	0.0	4458.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4458.0	0.0	4458.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8915.9	0.0	8915.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.6	0.7
10°-20°	140.7	1.6
20°-30°	251.1	2.8
30°-40°	480.4	5.4
40°-50°	818.1	9.2
50°-60°	1432.2	16.1
60°-70°	2416.6	27.1
70°-80°	2818.8	31.6
80°-90°	497.2	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°	8915.9	100.0
0°-180°	8915.9	100.0

**Coefficient of Utilization**



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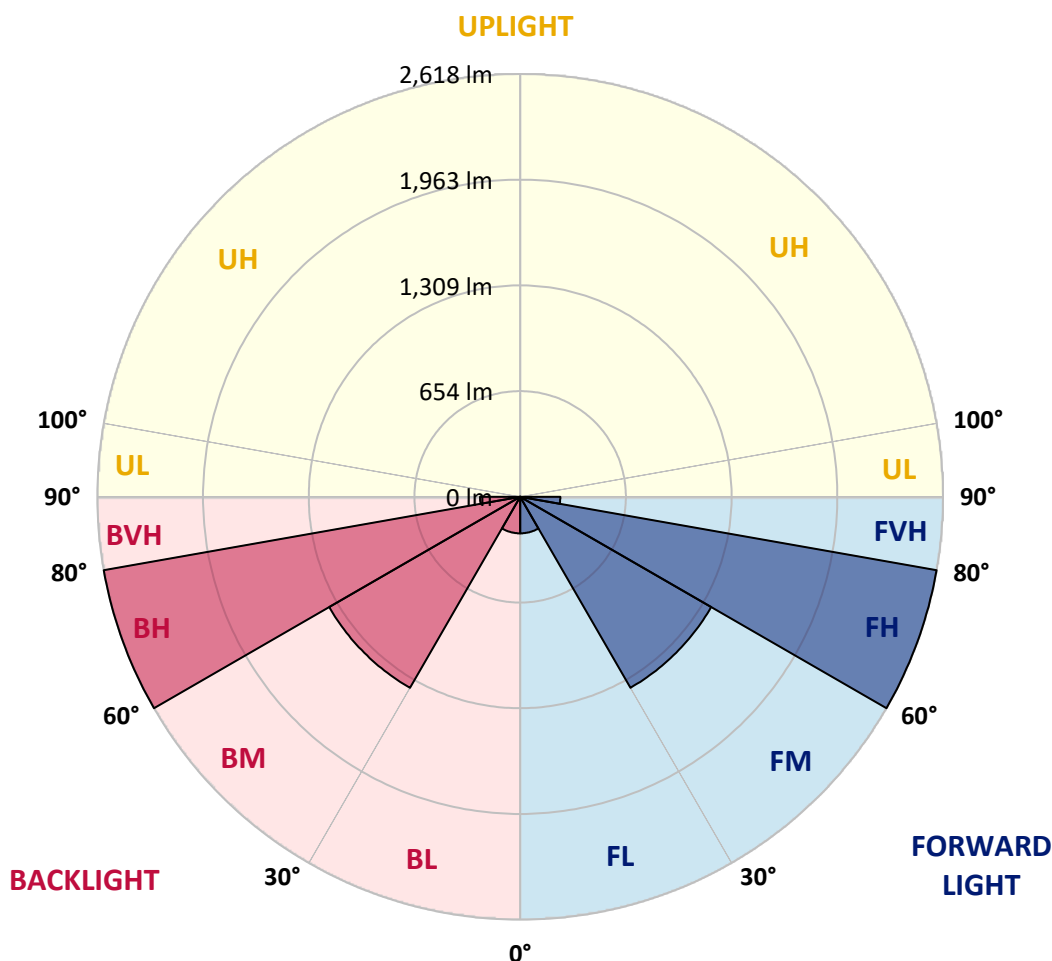
CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	226.2	2.5			
FM (30°-60°)	1365.4	15.3			
FH (60°-80°)	2617.7	29.4			G2/5000
FVH (80°-90°)	248.6	2.8			G3/500
BL (0°-30°)	226.2	2.5	B1/500		
BM (30°-60°)	1365.4	15.3	B2/2500		
BH (60°-80°)	2617.7	29.4	B4/5000		G2/5000
BVH (80°-90°)	248.6	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°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	684.1	687.2	687.2	687.2	687.2	684.1	684.1	693.5	702.9	712.3	721.7
5°	646.4	646.4	646.4	646.4	646.4	643.3	643.3	643.3	643.3	643.3	643.3
7.5°	552.3	558.6	561.7	574.2	583.7	596.2	605.6	608.8	611.9	611.9	615.0
10°	621.3	621.3	621.3	621.3	621.3	618.2	618.2	611.9	608.8	602.5	596.2
12.5°	546.0	542.9	539.7	555.4	568.0	583.7	596.2	599.4	602.5	605.6	608.8
15°	627.6	627.6	627.6	624.5	621.3	618.2	615.0	593.1	571.1	546.0	524.0
17.5°	533.5	536.6	536.6	552.3	564.8	580.5	593.1	586.8	580.5	571.1	564.8
20°	640.1	640.1	640.1	633.9	630.7	624.5	618.2	580.5	542.9	502.1	464.4
22.5°	542.9	542.9	542.9	542.9	546.0	546.0	546.0	549.1	552.3	555.4	558.6
25°	662.1	665.2	665.2	659.0	655.8	649.6	643.3	611.9	577.4	546.0	511.5
27.5°	571.1	571.1	571.1	568.0	564.8	558.6	555.4	561.7	571.1	577.4	583.7
30°	699.8	699.8	699.8	696.6	696.6	693.5	690.4	659.0	624.5	593.1	558.6
32.5°	850.4	847.2	844.1	815.9	787.6	756.2	728.0	712.3	696.6	677.8	662.1
35°	903.7	903.7	900.6	894.3	888.0	878.6	872.4	841.0	809.6	778.2	746.8
37.5°	957.1	957.1	953.9	950.8	944.5	941.4	935.1	900.6	869.2	834.7	800.2
40°	1023.0	1026.1	1026.1	1023.0	1016.7	1013.6	1007.3	969.6	935.1	897.5	859.8
42.5°	1104.6	1104.6	1101.4	1098.3	1095.1	1088.9	1085.7	1051.2	1013.6	979.0	941.4
45°	1201.8	1201.8	1198.7	1195.6	1195.6	1192.4	1189.3	1157.9	1123.4	1092.0	1057.5
47.5°	1321.1	1317.9	1314.8	1311.7	1305.4	1302.3	1296.0	1261.5	1230.1	1195.6	1161.0
50°	1446.6	1446.6	1446.6	1443.5	1440.3	1434.0	1430.9	1399.5	1368.2	1333.6	1302.3
52.5°	1581.5	1584.7	1584.7	1584.7	1581.5	1581.5	1578.4	1547.0	1515.6	1481.1	1449.7
55°	1741.6	1741.6	1741.6	1741.6	1744.7	1744.7	1744.7	1713.3	1681.9	1650.6	1619.2
57.5°	1923.6	1936.1	1945.5	1945.5	1945.5	1945.5	1945.5	1914.2	1882.8	1851.4	1820.0
60°	2133.8	2137.0	2140.1	2149.5	2155.8	2165.2	2171.5	2143.2	2115.0	2086.7	2058.5
62.5°	2340.9	2347.2	2350.3	2362.9	2372.3	2384.9	2394.3	2375.4	2353.5	2334.6	2312.7
65°	2554.3	2560.6	2563.7	2579.4	2598.2	2613.9	2629.6	2613.9	2601.4	2585.7	2570.0
67.5°	2780.2	2786.5	2789.6	2805.3	2824.2	2839.9	2855.5	2849.3	2843.0	2836.7	2830.4
70°	3021.9	3025.0	3025.0	3040.7	3059.5	3075.2	3090.9	3087.8	3084.6	3081.5	3078.3
72.5°	3153.7	3163.1	3172.5	3188.2	3203.9	3216.4	3232.1	3225.8	3216.4	3210.1	3200.7
75°	2984.2	2990.5	2996.8	3021.9	3050.1	3075.2	3100.3	3109.7	3122.3	3131.7	3141.1
77.5°	2337.8	2366.0	2391.1	2419.4	2444.5	2472.7	2497.8	2551.2	2601.4	2654.7	2704.9
80°	1157.9	1173.6	1189.3	1252.0	1314.8	1377.6	1440.3	1534.5	1631.7	1725.9	1820.0
82.5°	279.3	279.3	279.3	313.8	345.2	379.7	411.1	495.8	583.7	668.4	753.1
85°	56.5	59.6	62.8	78.4	94.1	106.7	122.4	134.9	147.5	160.0	172.6
87.5°	9.4	9.4	9.4	9.4	12.6	12.6	12.6	15.7	18.8	18.8	22.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	724.9	731.1	734.3	737.4	740.6	743.7	746.8	750.0	753.1	753.1	756.2
5°	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	646.4	649.6	652.7
7.5°	618.2	621.3	624.5	627.6	627.6	627.6	624.5	624.5	621.3	621.3	618.2
10°	580.5	564.8	546.0	530.3	530.3	533.5	533.5	533.5	524.0	517.8	508.3
12.5°	596.2	583.7	568.0	555.4	533.5	514.6	492.7	470.7	464.4	458.1	451.9
15°	505.2	489.5	470.7	451.9	442.5	429.9	420.5	407.9	404.8	401.7	395.4
17.5°	549.1	533.5	514.6	498.9	467.6	436.2	404.8	373.4	389.1	407.9	423.6
20°	467.6	467.6	470.7	470.7	470.7	467.6	467.6	464.4	455.0	442.5	433.0
22.5°	533.5	505.2	480.1	451.9	458.1	464.4	470.7	477.0	461.3	445.6	426.8
25°	520.9	530.3	536.6	546.0	520.9	495.8	467.6	442.5	455.0	467.6	480.1
27.5°	564.8	546.0	524.0	505.2	514.6	524.0	530.3	539.7	524.0	508.3	492.7
30°	561.7	564.8	564.8	568.0	555.4	539.7	527.2	511.5	517.8	527.2	533.5
32.5°	643.3	621.3	602.5	580.5	580.5	580.5	577.4	577.4	577.4	580.5	580.5
35°	718.6	693.5	665.2	637.0	630.7	627.6	621.3	615.0	621.3	627.6	633.9
37.5°	771.9	740.6	712.3	680.9	677.8	674.7	668.4	665.2	665.2	665.2	665.2
40°	831.6	803.3	775.1	746.8	740.6	734.3	724.9	718.6	715.5	712.3	706.0
42.5°	913.1	881.8	853.5	822.1	812.7	800.2	790.8	778.2	775.1	771.9	765.7
45°	1019.8	979.0	941.4	900.6	888.0	878.6	866.1	853.5	850.4	844.1	841.0
47.5°	1117.1	1076.3	1032.4	988.5	982.2	972.8	966.5	957.1	950.8	941.4	935.1
50°	1248.9	1192.4	1139.1	1082.6	1082.6	1079.5	1079.5	1076.3	1063.8	1051.2	1038.7
52.5°	1396.4	1339.9	1286.6	1230.1	1223.8	1220.7	1214.4	1208.1	1195.6	1183.0	1167.3
55°	1562.7	1506.2	1449.7	1393.3	1390.1	1390.1	1387.0	1383.8	1365.0	1346.2	1327.4
57.5°	1763.5	1710.2	1653.7	1597.2	1600.4	1600.4	1603.5	1603.5	1578.4	1553.3	1525.0
60°	1995.7	1933.0	1867.1	1804.3	1813.7	1826.3	1835.7	1845.1	1813.7	1782.4	1747.8
62.5°	2249.9	2184.0	2121.3	2055.4	2074.2	2093.0	2108.7	2127.5	2080.5	2033.4	1986.3
65°	2494.7	2419.4	2344.1	2268.7	2303.3	2340.9	2375.4	2410.0	2353.5	2297.0	2240.5
67.5°	2742.6	2657.9	2570.0	2482.1	2522.9	2563.7	2604.5	2645.3	2588.8	2529.2	2472.7
70°	2971.7	2865.0	2758.3	2651.6	2692.4	2733.2	2774.0	2814.8	2761.4	2708.1	2654.7
72.5°	3094.0	2984.2	2877.5	2767.7	2808.5	2852.4	2893.2	2934.0	2868.1	2802.2	2733.2
75°	3047.0	2949.7	2855.5	2758.3	2817.9	2877.5	2937.1	2996.8	2908.9	2817.9	2730.0
77.5°	2657.9	2613.9	2566.9	2519.8	2626.5	2733.2	2839.9	2946.5	2821.0	2692.4	2566.9
80°	1851.4	1885.9	1917.3	1948.7	2102.4	2256.2	2406.8	2560.6	2413.1	2268.7	2121.3
82.5°	850.4	947.7	1041.8	1139.1	1292.8	1446.6	1597.2	1751.0	1587.8	1424.6	1258.3
85°	204.0	235.3	263.6	295.0	373.4	451.9	530.3	608.8	542.9	477.0	411.1
87.5°	25.1	28.2	28.2	31.4	28.2	28.2	25.1	22.0	25.1	25.1	28.2
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):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	756.2	759.4	759.4	762.5	762.5	762.5	762.5	759.4	759.4	759.4	762.5
5°	655.8	671.5	684.1	699.8	712.3	718.6	728.0	734.3	740.6	743.7	743.7
7.5°	615.0	608.8	599.4	593.1	583.7	596.2	611.9	624.5	637.0	640.1	643.3
10°	498.9	495.8	489.5	486.4	480.1	483.2	489.5	492.7	495.8	511.5	530.3
12.5°	445.6	448.7	451.9	455.0	458.1	448.7	439.3	426.8	417.3	433.0	448.7
15°	392.2	392.2	395.4	395.4	395.4	407.9	420.5	433.0	445.6	467.6	492.7
17.5°	439.3	433.0	426.8	417.3	411.1	414.2	414.2	417.3	417.3	429.9	439.3
20°	420.5	411.1	404.8	395.4	386.0	401.7	417.3	433.0	448.7	473.8	498.9
22.5°	411.1	429.9	445.6	464.4	480.1	470.7	461.3	448.7	439.3	439.3	439.3
25°	492.7	477.0	461.3	445.6	429.9	458.1	483.2	511.5	536.6	555.4	571.1
27.5°	477.0	489.5	502.1	511.5	524.0	539.7	555.4	571.1	586.8	615.0	640.1
30°	539.7	555.4	571.1	583.7	599.4	640.1	677.8	718.6	756.2	775.1	793.9
32.5°	580.5	611.9	640.1	671.5	699.8	721.7	743.7	765.7	787.6	806.5	828.4
35°	640.1	665.2	687.2	712.3	734.3	759.4	784.5	806.5	831.6	850.4	869.2
37.5°	665.2	693.5	721.7	746.8	775.1	806.5	834.7	866.1	894.3	910.0	922.6
40°	702.9	737.4	771.9	806.5	841.0	872.4	903.7	935.1	966.5	979.0	991.6
42.5°	762.5	800.2	837.8	872.4	910.0	944.5	975.9	1010.4	1041.8	1054.4	1066.9
45°	834.7	872.4	910.0	947.7	985.3	1023.0	1060.6	1098.3	1135.9	1151.6	1167.3
47.5°	925.7	963.4	1004.1	1041.8	1079.5	1126.5	1170.5	1217.5	1261.5	1274.0	1286.6
50°	1026.1	1063.8	1101.4	1139.1	1176.7	1236.4	1292.8	1352.5	1408.9	1415.2	1424.6
52.5°	1154.8	1192.4	1226.9	1264.6	1299.1	1365.0	1430.9	1493.7	1559.6	1562.7	1569.0
55°	1308.5	1343.0	1380.7	1415.2	1449.7	1521.9	1590.9	1663.1	1732.2	1732.2	1735.3
57.5°	1499.9	1537.6	1575.3	1609.8	1647.4	1716.5	1785.5	1851.4	1920.4	1917.3	1914.2
60°	1716.5	1751.0	1782.4	1816.9	1848.3	1914.2	1983.2	2049.1	2115.0	2108.7	2099.3
62.5°	1939.3	1976.9	2014.6	2049.1	2086.7	2140.1	2196.6	2249.9	2303.3	2290.7	2278.2
65°	2184.0	2221.7	2262.5	2300.1	2337.8	2378.6	2422.5	2463.3	2504.1	2491.5	2482.1
67.5°	2413.1	2457.0	2501.0	2541.7	2585.7	2617.1	2648.4	2676.7	2708.1	2692.4	2676.7
70°	2601.4	2639.0	2676.7	2714.3	2752.0	2783.4	2814.8	2846.1	2877.5	2861.8	2846.1
72.5°	2667.3	2711.2	2755.1	2795.9	2839.9	2877.5	2915.2	2952.8	2990.5	2981.1	2968.5
75°	2639.0	2670.4	2701.8	2733.2	2764.5	2792.8	2824.2	2852.4	2880.6	2865.0	2849.3
77.5°	2438.2	2435.1	2428.8	2425.6	2419.4	2419.4	2422.5	2422.5	2422.5	2403.7	2384.9
80°	1973.8	1917.3	1860.8	1804.3	1747.8	1681.9	1616.1	1550.2	1484.3	1421.5	1358.7
82.5°	1095.1	966.5	841.0	712.3	583.7	530.3	473.8	420.5	364.0	338.9	310.7
85°	345.2	301.2	257.3	213.4	169.4	160.0	150.6	138.1	128.7	119.2	109.8
87.5°	28.2	25.1	25.1	22.0	18.8	15.7	15.7	12.6	9.4	9.4	9.4
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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CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	762.5	762.5	762.5	762.5	762.5	762.5	762.5	762.5	759.4	759.4	759.4
5°	746.8	746.8	746.8	746.8	746.8	746.8	746.8	743.7	743.7	740.6	734.3
7.5°	643.3	646.4	646.4	643.3	646.4	646.4	643.3	643.3	640.1	637.0	624.5
10°	546.0	561.7	561.7	561.7	561.7	561.7	546.0	530.3	511.5	495.8	492.7
12.5°	464.4	480.1	480.1	480.1	480.1	480.1	464.4	448.7	433.0	417.3	426.8
15°	514.6	536.6	536.6	536.6	536.6	536.6	514.6	492.7	467.6	445.6	433.0
17.5°	451.9	461.3	464.4	464.4	464.4	461.3	451.9	439.3	429.9	417.3	417.3
20°	520.9	546.0	549.1	552.3	549.1	546.0	520.9	498.9	473.8	448.7	433.0
22.5°	436.2	436.2	439.3	439.3	439.3	436.2	436.2	439.3	439.3	439.3	448.7
25°	589.9	605.6	605.6	602.5	605.6	605.6	589.9	571.1	555.4	536.6	511.5
27.5°	668.4	693.5	699.8	702.9	699.8	693.5	668.4	640.1	615.0	586.8	571.1
30°	812.7	831.6	831.6	831.6	831.6	831.6	812.7	793.9	775.1	756.2	718.6
32.5°	847.2	866.1	866.1	866.1	866.1	866.1	847.2	828.4	806.5	787.6	765.7
35°	884.9	903.7	906.9	906.9	906.9	903.7	884.9	869.2	850.4	831.6	806.5
37.5°	938.3	950.8	953.9	957.1	953.9	950.8	938.3	922.6	910.0	894.3	866.1
40°	1001.0	1013.6	1013.6	1013.6	1013.6	1013.6	1001.0	991.6	979.0	966.5	935.1
42.5°	1079.5	1092.0	1095.1	1098.3	1095.1	1092.0	1079.5	1066.9	1054.4	1041.8	1010.4
45°	1179.9	1195.6	1198.7	1201.8	1198.7	1195.6	1179.9	1167.3	1151.6	1135.9	1098.3
47.5°	1299.1	1311.7	1311.7	1311.7	1311.7	1311.7	1299.1	1286.6	1274.0	1261.5	1217.5
50°	1430.9	1437.2	1440.3	1440.3	1440.3	1437.2	1430.9	1424.6	1415.2	1408.9	1352.5
52.5°	1572.1	1575.3	1575.3	1572.1	1575.3	1575.3	1572.1	1569.0	1562.7	1559.6	1493.7
55°	1735.3	1735.3	1732.2	1725.9	1732.2	1735.3	1735.3	1735.3	1732.2	1732.2	1663.1
57.5°	1911.0	1907.9	1907.9	1904.7	1907.9	1907.9	1911.0	1914.2	1917.3	1920.4	1851.4
60°	2093.0	2083.6	2080.5	2074.2	2080.5	2083.6	2093.0	2099.3	2108.7	2115.0	2049.1
62.5°	2265.6	2253.1	2253.1	2253.1	2253.1	2253.1	2265.6	2278.2	2290.7	2303.3	2249.9
65°	2469.6	2457.0	2450.7	2444.5	2450.7	2457.0	2469.6	2482.1	2491.5	2504.1	2463.3
67.5°	2661.0	2645.3	2639.0	2629.6	2639.0	2645.3	2661.0	2676.7	2692.4	2708.1	2676.7
70°	2827.3	2811.6	2808.5	2805.3	2808.5	2811.6	2827.3	2846.1	2861.8	2877.5	2846.1
72.5°	2959.1	2946.5	2943.4	2937.1	2943.4	2946.5	2959.1	2968.5	2981.1	2990.5	2952.8
75°	2833.6	2817.9	2808.5	2795.9	2808.5	2817.9	2833.6	2849.3	2865.0	2880.6	2852.4
77.5°	2366.0	2347.2	2340.9	2331.5	2340.9	2347.2	2366.0	2384.9	2403.7	2422.5	2422.5
80°	1296.0	1233.2	1217.5	1198.7	1217.5	1233.2	1296.0	1358.7	1421.5	1484.3	1550.2
82.5°	285.6	257.3	247.9	235.3	247.9	257.3	285.6	310.7	338.9	364.0	420.5
85°	97.3	87.9	81.6	75.3	81.6	87.9	97.3	109.8	119.2	128.7	138.1
87.5°	9.4	9.4	9.4	6.3	9.4	9.4	9.4	9.4	9.4	9.4	12.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803  
 CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	762.5	762.5	762.5	762.5	759.4	759.4	756.2	756.2	753.1	753.1	750.0
5°	728.0	718.6	712.3	699.8	684.1	671.5	655.8	652.7	649.6	646.4	643.3
7.5°	611.9	596.2	583.7	593.1	599.4	608.8	615.0	618.2	621.3	621.3	624.5
10°	489.5	483.2	480.1	486.4	489.5	495.8	498.9	508.3	517.8	524.0	533.5
12.5°	439.3	448.7	458.1	455.0	451.9	448.7	445.6	451.9	458.1	464.4	470.7
15°	420.5	407.9	395.4	395.4	395.4	392.2	392.2	395.4	401.7	404.8	407.9
17.5°	414.2	414.2	411.1	417.3	426.8	433.0	439.3	423.6	407.9	389.1	373.4
20°	417.3	401.7	386.0	395.4	404.8	411.1	420.5	433.0	442.5	455.0	464.4
22.5°	461.3	470.7	480.1	464.4	445.6	429.9	411.1	426.8	445.6	461.3	477.0
25°	483.2	458.1	429.9	445.6	461.3	477.0	492.7	480.1	467.6	455.0	442.5
27.5°	555.4	539.7	524.0	511.5	502.1	489.5	477.0	492.7	508.3	524.0	539.7
30°	677.8	640.1	599.4	583.7	571.1	555.4	539.7	533.5	527.2	517.8	511.5
32.5°	743.7	721.7	699.8	671.5	640.1	611.9	580.5	580.5	580.5	577.4	577.4
35°	784.5	759.4	734.3	712.3	687.2	665.2	640.1	633.9	627.6	621.3	615.0
37.5°	834.7	806.5	775.1	746.8	721.7	693.5	665.2	665.2	665.2	665.2	665.2
40°	903.7	872.4	841.0	806.5	771.9	737.4	702.9	706.0	712.3	715.5	718.6
42.5°	975.9	944.5	910.0	872.4	837.8	800.2	762.5	765.7	771.9	775.1	778.2
45°	1060.6	1023.0	985.3	947.7	910.0	872.4	834.7	841.0	844.1	850.4	853.5
47.5°	1170.5	1126.5	1079.5	1041.8	1004.1	963.4	925.7	935.1	941.4	950.8	957.1
50°	1292.8	1236.4	1176.7	1139.1	1101.4	1063.8	1026.1	1038.7	1051.2	1063.8	1076.3
52.5°	1430.9	1365.0	1299.1	1264.6	1226.9	1192.4	1154.8	1167.3	1183.0	1195.6	1208.1
55°	1590.9	1521.9	1449.7	1415.2	1380.7	1343.0	1308.5	1327.4	1346.2	1365.0	1383.8
57.5°	1785.5	1716.5	1647.4	1609.8	1575.3	1537.6	1499.9	1525.0	1553.3	1578.4	1603.5
60°	1983.2	1914.2	1848.3	1816.9	1782.4	1751.0	1716.5	1747.8	1782.4	1813.7	1845.1
62.5°	2196.6	2140.1	2086.7	2049.1	2014.6	1976.9	1939.3	1986.3	2033.4	2080.5	2127.5
65°	2422.5	2378.6	2337.8	2300.1	2262.5	2221.7	2184.0	2240.5	2297.0	2353.5	2410.0
67.5°	2648.4	2617.1	2585.7	2541.7	2501.0	2457.0	2413.1	2472.7	2529.2	2588.8	2645.3
70°	2814.8	2783.4	2752.0	2714.3	2676.7	2639.0	2601.4	2654.7	2708.1	2761.4	2814.8
72.5°	2915.2	2877.5	2839.9	2795.9	2755.1	2711.2	2667.3	2733.2	2802.2	2868.1	2934.0
75°	2824.2	2792.8	2764.5	2733.2	2701.8	2670.4	2639.0	2730.0	2817.9	2908.9	2996.8
77.5°	2422.5	2419.4	2419.4	2425.6	2428.8	2435.1	2438.2	2566.9	2692.4	2821.0	2946.5
80°	1616.1	1681.9	1747.8	1804.3	1860.8	1917.3	1973.8	2121.3	2268.7	2413.1	2560.6
82.5°	473.8	530.3	583.7	712.3	841.0	966.5	1095.1	1258.3	1424.6	1587.8	1751.0
85°	150.6	160.0	169.4	213.4	257.3	301.2	345.2	411.1	477.0	542.9	608.8
87.5°	15.7	15.7	18.8	22.0	25.1	25.1	28.2	28.2	25.1	25.1	22.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803  
 CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	746.8	743.7	740.6	737.4	734.3	731.1	724.9	721.7	712.3	702.9	693.5
5°	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3
7.5°	624.5	627.6	627.6	627.6	624.5	621.3	618.2	615.0	611.9	611.9	608.8
10°	533.5	533.5	530.3	530.3	546.0	564.8	580.5	596.2	602.5	608.8	611.9
12.5°	492.7	514.6	533.5	555.4	568.0	583.7	596.2	608.8	605.6	602.5	599.4
15°	420.5	429.9	442.5	451.9	470.7	489.5	505.2	524.0	546.0	571.1	593.1
17.5°	404.8	436.2	467.6	498.9	514.6	533.5	549.1	564.8	571.1	580.5	586.8
20°	467.6	467.6	470.7	470.7	470.7	467.6	467.6	464.4	502.1	542.9	580.5
22.5°	470.7	464.4	458.1	451.9	480.1	505.2	533.5	558.6	555.4	552.3	549.1
25°	467.6	495.8	520.9	546.0	536.6	530.3	520.9	511.5	546.0	577.4	611.9
27.5°	530.3	524.0	514.6	505.2	524.0	546.0	564.8	583.7	577.4	571.1	561.7
30°	527.2	539.7	555.4	568.0	564.8	564.8	561.7	558.6	593.1	624.5	659.0
32.5°	577.4	580.5	580.5	580.5	602.5	621.3	643.3	662.1	677.8	696.6	712.3
35°	621.3	627.6	630.7	637.0	665.2	693.5	718.6	746.8	778.2	809.6	841.0
37.5°	668.4	674.7	677.8	680.9	712.3	740.6	771.9	800.2	834.7	869.2	900.6
40°	724.9	734.3	740.6	746.8	775.1	803.3	831.6	859.8	897.5	935.1	969.6
42.5°	790.8	800.2	812.7	822.1	853.5	881.8	913.1	941.4	979.0	1013.6	1051.2
45°	866.1	878.6	888.0	900.6	941.4	979.0	1019.8	1057.5	1092.0	1123.4	1157.9
47.5°	966.5	972.8	982.2	988.5	1032.4	1076.3	1117.1	1161.0	1195.6	1230.1	1261.5
50°	1079.5	1079.5	1082.6	1082.6	1139.1	1192.4	1248.9	1302.3	1333.6	1368.2	1399.5
52.5°	1214.4	1220.7	1223.8	1230.1	1286.6	1339.9	1396.4	1449.7	1481.1	1515.6	1547.0
55°	1387.0	1390.1	1390.1	1393.3	1449.7	1506.2	1562.7	1619.2	1650.6	1681.9	1713.3
57.5°	1603.5	1600.4	1600.4	1597.2	1653.7	1710.2	1763.5	1820.0	1851.4	1882.8	1914.2
60°	1835.7	1826.3	1813.7	1804.3	1867.1	1933.0	1995.7	2058.5	2086.7	2115.0	2143.2
62.5°	2108.7	2093.0	2074.2	2055.4	2121.3	2184.0	2249.9	2312.7	2334.6	2353.5	2375.4
65°	2375.4	2340.9	2303.3	2268.7	2344.1	2419.4	2494.7	2570.0	2585.7	2601.4	2613.9
67.5°	2604.5	2563.7	2522.9	2482.1	2570.0	2657.9	2742.6	2830.4	2836.7	2843.0	2849.3
70°	2774.0	2733.2	2692.4	2651.6	2758.3	2865.0	2971.7	3078.3	3081.5	3084.6	3087.8
72.5°	2893.2	2852.4	2808.5	2767.7	2877.5	2984.2	3094.0	3200.7	3210.1	3216.4	3225.8
75°	2937.1	2877.5	2817.9	2758.3	2855.5	2949.7	3047.0	3141.1	3131.7	3122.3	3109.7
77.5°	2839.9	2733.2	2626.5	2519.8	2566.9	2613.9	2657.9	2704.9	2654.7	2601.4	2551.2
80°	2406.8	2256.2	2102.4	1948.7	1917.3	1885.9	1851.4	1820.0	1725.9	1631.7	1534.5
82.5°	1597.2	1446.6	1292.8	1139.1	1041.8	947.7	850.4	753.1	668.4	583.7	495.8
85°	530.3	451.9	373.4	295.0	263.6	235.3	204.0	172.6	160.0	147.5	134.9
87.5°	25.1	28.2	28.2	31.4	28.2	28.2	25.1	22.0	18.8	18.8	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803  
 CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	684.1	684.1	687.2	687.2	687.2	687.2	684.1	687.2	687.2	687.2	687.2
5°	643.3	643.3	646.4	646.4	646.4	646.4	646.4	646.4	646.4	646.4	646.4
7.5°	605.6	596.2	583.7	574.2	561.7	558.6	552.3	558.6	561.7	574.2	583.7
10°	618.2	618.2	621.3	621.3	621.3	621.3	621.3	621.3	621.3	621.3	621.3
12.5°	596.2	583.7	568.0	555.4	539.7	542.9	546.0	542.9	539.7	555.4	568.0
15°	615.0	618.2	621.3	624.5	627.6	627.6	627.6	627.6	627.6	624.5	621.3
17.5°	593.1	580.5	564.8	552.3	536.6	536.6	533.5	536.6	536.6	552.3	564.8
20°	618.2	624.5	630.7	633.9	640.1	640.1	640.1	640.1	640.1	633.9	630.7
22.5°	546.0	546.0	546.0	542.9	542.9	542.9	542.9	542.9	542.9	542.9	546.0
25°	643.3	649.6	655.8	659.0	665.2	665.2	662.1	665.2	665.2	659.0	655.8
27.5°	555.4	558.6	564.8	568.0	571.1	571.1	571.1	571.1	571.1	568.0	564.8
30°	690.4	693.5	696.6	696.6	699.8	699.8	699.8	699.8	699.8	696.6	696.6
32.5°	728.0	756.2	787.6	815.9	844.1	847.2	850.4	847.2	844.1	815.9	787.6
35°	872.4	878.6	888.0	894.3	900.6	903.7	903.7	903.7	900.6	894.3	888.0
37.5°	935.1	941.4	944.5	950.8	953.9	957.1	957.1	957.1	953.9	950.8	944.5
40°	1007.3	1013.6	1016.7	1023.0	1026.1	1026.1	1023.0	1026.1	1026.1	1023.0	1016.7
42.5°	1085.7	1088.9	1095.1	1098.3	1101.4	1104.6	1104.6	1104.6	1101.4	1098.3	1095.1
45°	1189.3	1192.4	1195.6	1195.6	1198.7	1201.8	1201.8	1201.8	1198.7	1195.6	1195.6
47.5°	1296.0	1302.3	1305.4	1311.7	1314.8	1317.9	1321.1	1317.9	1314.8	1311.7	1305.4
50°	1430.9	1434.0	1440.3	1443.5	1446.6	1446.6	1446.6	1446.6	1446.6	1443.5	1440.3
52.5°	1578.4	1581.5	1581.5	1584.7	1584.7	1584.7	1581.5	1584.7	1584.7	1584.7	1581.5
55°	1744.7	1744.7	1744.7	1741.6	1741.6	1741.6	1741.6	1741.6	1741.6	1741.6	1744.7
57.5°	1945.5	1945.5	1945.5	1945.5	1945.5	1936.1	1923.6	1936.1	1945.5	1945.5	1945.5
60°	2171.5	2165.2	2155.8	2149.5	2140.1	2137.0	2133.8	2137.0	2140.1	2149.5	2155.8
62.5°	2394.3	2384.9	2372.3	2362.9	2350.3	2347.2	2340.9	2347.2	2350.3	2362.9	2372.3
65°	2629.6	2613.9	2598.2	2579.4	2563.7	2560.6	2554.3	2560.6	2563.7	2579.4	2598.2
67.5°	2855.5	2839.9	2824.2	2805.3	2789.6	2786.5	2780.2	2786.5	2789.6	2805.3	2824.2
70°	3090.9	3075.2	3059.5	3040.7	3025.0	3025.0	3021.9	3025.0	3025.0	3040.7	3059.5
72.5°	3232.1	3216.4	3203.9	3188.2	3172.5	3163.1	3153.7	3163.1	3172.5	3188.2	3203.9
75°	3100.3	3075.2	3050.1	3021.9	2996.8	2990.5	2984.2	2990.5	2996.8	3021.9	3050.1
77.5°	2497.8	2472.7	2444.5	2419.4	2391.1	2366.0	2337.8	2366.0	2391.1	2419.4	2444.5
80°	1440.3	1377.6	1314.8	1252.0	1189.3	1173.6	1157.9	1173.6	1189.3	1252.0	1314.8
82.5°	411.1	379.7	345.2	313.8	279.3	279.3	279.3	279.3	279.3	313.8	345.2
85°	122.4	106.7	94.1	78.4	62.8	59.6	56.5	59.6	62.8	78.4	94.1
87.5°	12.6	12.6	12.6	9.4	9.4	9.4	9.4	9.4	9.4	9.4	12.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803

CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	684.1	684.1	693.5	702.9	712.3	721.7	724.9	731.1	734.3	737.4	740.6
5°	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3
7.5°	596.2	605.6	608.8	611.9	611.9	615.0	618.2	621.3	624.5	627.6	627.6
10°	618.2	618.2	611.9	608.8	602.5	596.2	580.5	564.8	546.0	530.3	530.3
12.5°	583.7	596.2	599.4	602.5	605.6	608.8	596.2	583.7	568.0	555.4	533.5
15°	618.2	615.0	593.1	571.1	546.0	524.0	505.2	489.5	470.7	451.9	442.5
17.5°	580.5	593.1	586.8	580.5	571.1	564.8	549.1	533.5	514.6	498.9	467.6
20°	624.5	618.2	580.5	542.9	502.1	464.4	467.6	467.6	470.7	470.7	470.7
22.5°	546.0	546.0	549.1	552.3	555.4	558.6	533.5	505.2	480.1	451.9	458.1
25°	649.6	643.3	611.9	577.4	546.0	511.5	520.9	530.3	536.6	546.0	520.9
27.5°	558.6	555.4	561.7	571.1	577.4	583.7	564.8	546.0	524.0	505.2	514.6
30°	693.5	690.4	659.0	624.5	593.1	558.6	561.7	564.8	564.8	568.0	555.4
32.5°	756.2	728.0	712.3	696.6	677.8	662.1	643.3	621.3	602.5	580.5	580.5
35°	878.6	872.4	841.0	809.6	778.2	746.8	718.6	693.5	665.2	637.0	630.7
37.5°	941.4	935.1	900.6	869.2	834.7	800.2	771.9	740.6	712.3	680.9	677.8
40°	1013.6	1007.3	969.6	935.1	897.5	859.8	831.6	803.3	775.1	746.8	740.6
42.5°	1088.9	1085.7	1051.2	1013.6	979.0	941.4	913.1	881.8	853.5	822.1	812.7
45°	1192.4	1189.3	1157.9	1123.4	1092.0	1057.5	1019.8	979.0	941.4	900.6	888.0
47.5°	1302.3	1296.0	1261.5	1230.1	1195.6	1161.0	1117.1	1076.3	1032.4	988.5	982.2
50°	1434.0	1430.9	1399.5	1368.2	1333.6	1302.3	1248.9	1192.4	1139.1	1082.6	1082.6
52.5°	1581.5	1578.4	1547.0	1515.6	1481.1	1449.7	1396.4	1339.9	1286.6	1230.1	1223.8
55°	1744.7	1744.7	1713.3	1681.9	1650.6	1619.2	1562.7	1506.2	1449.7	1393.3	1390.1
57.5°	1945.5	1945.5	1914.2	1882.8	1851.4	1820.0	1763.5	1710.2	1653.7	1597.2	1600.4
60°	2165.2	2171.5	2143.2	2115.0	2086.7	2058.5	1995.7	1933.0	1867.1	1804.3	1813.7
62.5°	2384.9	2394.3	2375.4	2353.5	2334.6	2312.7	2249.9	2184.0	2121.3	2055.4	2074.2
65°	2613.9	2629.6	2613.9	2601.4	2585.7	2570.0	2494.7	2419.4	2344.1	2268.7	2303.3
67.5°	2839.9	2855.5	2849.3	2843.0	2836.7	2830.4	2742.6	2657.9	2570.0	2482.1	2522.9
70°	3075.2	3090.9	3087.8	3084.6	3081.5	3078.3	2971.7	2865.0	2758.3	2651.6	2692.4
72.5°	3216.4	3232.1	3225.8	3216.4	3210.1	3200.7	3094.0	2984.2	2877.5	2767.7	2808.5
75°	3075.2	3100.3	3109.7	3122.3	3131.7	3141.1	3047.0	2949.7	2855.5	2758.3	2817.9
77.5°	2472.7	2497.8	2551.2	2601.4	2654.7	2704.9	2657.9	2613.9	2566.9	2519.8	2626.5
80°	1377.6	1440.3	1534.5	1631.7	1725.9	1820.0	1851.4	1885.9	1917.3	1948.7	2102.4
82.5°	379.7	411.1	495.8	583.7	668.4	753.1	850.4	947.7	1041.8	1139.1	1292.8
85°	106.7	122.4	134.9	147.5	160.0	172.6	204.0	235.3	263.6	295.0	373.4
87.5°	12.6	12.6	15.7	18.8	18.8	22.0	25.1	28.2	28.2	31.4	28.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803

CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	743.7	746.8	750.0	753.1	753.1	756.2	756.2	759.4	759.4	762.5	762.5
5°	643.3	643.3	643.3	646.4	649.6	652.7	655.8	671.5	684.1	699.8	712.3
7.5°	627.6	624.5	624.5	621.3	621.3	618.2	615.0	608.8	599.4	593.1	583.7
10°	533.5	533.5	533.5	524.0	517.8	508.3	498.9	495.8	489.5	486.4	480.1
12.5°	514.6	492.7	470.7	464.4	458.1	451.9	445.6	448.7	451.9	455.0	458.1
15°	429.9	420.5	407.9	404.8	401.7	395.4	392.2	392.2	395.4	395.4	395.4
17.5°	436.2	404.8	373.4	389.1	407.9	423.6	439.3	433.0	426.8	417.3	411.1
20°	467.6	467.6	464.4	455.0	442.5	433.0	420.5	411.1	404.8	395.4	386.0
22.5°	464.4	470.7	477.0	461.3	445.6	426.8	411.1	429.9	445.6	464.4	480.1
25°	495.8	467.6	442.5	455.0	467.6	480.1	492.7	477.0	461.3	445.6	429.9
27.5°	524.0	530.3	539.7	524.0	508.3	492.7	477.0	489.5	502.1	511.5	524.0
30°	539.7	527.2	511.5	517.8	527.2	533.5	539.7	555.4	571.1	583.7	599.4
32.5°	580.5	577.4	577.4	577.4	580.5	580.5	580.5	611.9	640.1	671.5	699.8
35°	627.6	621.3	615.0	621.3	627.6	633.9	640.1	665.2	687.2	712.3	734.3
37.5°	674.7	668.4	665.2	665.2	665.2	665.2	665.2	693.5	721.7	746.8	775.1
40°	734.3	724.9	718.6	715.5	712.3	706.0	702.9	737.4	771.9	806.5	841.0
42.5°	800.2	790.8	778.2	775.1	771.9	765.7	762.5	800.2	837.8	872.4	910.0
45°	878.6	866.1	853.5	850.4	844.1	841.0	834.7	872.4	910.0	947.7	985.3
47.5°	972.8	966.5	957.1	950.8	941.4	935.1	925.7	963.4	1004.1	1041.8	1079.5
50°	1079.5	1079.5	1076.3	1063.8	1051.2	1038.7	1026.1	1063.8	1101.4	1139.1	1176.7
52.5°	1220.7	1214.4	1208.1	1195.6	1183.0	1167.3	1154.8	1192.4	1226.9	1264.6	1299.1
55°	1390.1	1387.0	1383.8	1365.0	1346.2	1327.4	1308.5	1343.0	1380.7	1415.2	1449.7
57.5°	1600.4	1603.5	1603.5	1578.4	1553.3	1525.0	1499.9	1537.6	1575.3	1609.8	1647.4
60°	1826.3	1835.7	1845.1	1813.7	1782.4	1747.8	1716.5	1751.0	1782.4	1816.9	1848.3
62.5°	2093.0	2108.7	2127.5	2080.5	2033.4	1986.3	1939.3	1976.9	2014.6	2049.1	2086.7
65°	2340.9	2375.4	2410.0	2353.5	2297.0	2240.5	2184.0	2221.7	2262.5	2300.1	2337.8
67.5°	2563.7	2604.5	2645.3	2588.8	2529.2	2472.7	2413.1	2457.0	2501.0	2541.7	2585.7
70°	2733.2	2774.0	2814.8	2761.4	2708.1	2654.7	2601.4	2639.0	2676.7	2714.3	2752.0
72.5°	2852.4	2893.2	2934.0	2868.1	2802.2	2733.2	2667.3	2711.2	2755.1	2795.9	2839.9
75°	2877.5	2937.1	2996.8	2908.9	2817.9	2730.0	2639.0	2670.4	2701.8	2733.2	2764.5
77.5°	2733.2	2839.9	2946.5	2821.0	2692.4	2566.9	2438.2	2435.1	2428.8	2425.6	2419.4
80°	2256.2	2406.8	2560.6	2413.1	2268.7	2121.3	1973.8	1917.3	1860.8	1804.3	1747.8
82.5°	1446.6	1597.2	1751.0	1587.8	1424.6	1258.3	1095.1	966.5	841.0	712.3	583.7
85°	451.9	530.3	608.8	542.9	477.0	411.1	345.2	301.2	257.3	213.4	169.4
87.5°	28.2	25.1	22.0	25.1	25.1	28.2	28.2	25.1	25.1	22.0	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559803

CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	762.5	762.5	759.4	759.4	759.4	762.5	762.5	762.5	762.5	762.5	762.5
5°	718.6	728.0	734.3	740.6	743.7	743.7	746.8	746.8	746.8	746.8	746.8
7.5°	596.2	611.9	624.5	637.0	640.1	643.3	643.3	646.4	646.4	643.3	646.4
10°	483.2	489.5	492.7	495.8	511.5	530.3	546.0	561.7	561.7	561.7	561.7
12.5°	448.7	439.3	426.8	417.3	433.0	448.7	464.4	480.1	480.1	480.1	480.1
15°	407.9	420.5	433.0	445.6	467.6	492.7	514.6	536.6	536.6	536.6	536.6
17.5°	414.2	414.2	417.3	417.3	429.9	439.3	451.9	461.3	464.4	464.4	464.4
20°	401.7	417.3	433.0	448.7	473.8	498.9	520.9	546.0	549.1	552.3	549.1
22.5°	470.7	461.3	448.7	439.3	439.3	439.3	436.2	436.2	439.3	439.3	439.3
25°	458.1	483.2	511.5	536.6	555.4	571.1	589.9	605.6	605.6	602.5	605.6
27.5°	539.7	555.4	571.1	586.8	615.0	640.1	668.4	693.5	699.8	702.9	699.8
30°	640.1	677.8	718.6	756.2	775.1	793.9	812.7	831.6	831.6	831.6	831.6
32.5°	721.7	743.7	765.7	787.6	806.5	828.4	847.2	866.1	866.1	866.1	866.1
35°	759.4	784.5	806.5	831.6	850.4	869.2	884.9	903.7	906.9	906.9	906.9
37.5°	806.5	834.7	866.1	894.3	910.0	922.6	938.3	950.8	953.9	957.1	953.9
40°	872.4	903.7	935.1	966.5	979.0	991.6	1001.0	1013.6	1013.6	1013.6	1013.6
42.5°	944.5	975.9	1010.4	1041.8	1054.4	1066.9	1079.5	1092.0	1095.1	1098.3	1095.1
45°	1023.0	1060.6	1098.3	1135.9	1151.6	1167.3	1179.9	1195.6	1198.7	1201.8	1198.7
47.5°	1126.5	1170.5	1217.5	1261.5	1274.0	1286.6	1299.1	1311.7	1311.7	1311.7	1311.7
50°	1236.4	1292.8	1352.5	1408.9	1415.2	1424.6	1430.9	1437.2	1440.3	1440.3	1440.3
52.5°	1365.0	1430.9	1493.7	1559.6	1562.7	1569.0	1572.1	1575.3	1575.3	1572.1	1575.3
55°	1521.9	1590.9	1663.1	1732.2	1732.2	1735.3	1735.3	1735.3	1732.2	1725.9	1732.2
57.5°	1716.5	1785.5	1851.4	1920.4	1917.3	1914.2	1911.0	1907.9	1907.9	1904.7	1907.9
60°	1914.2	1983.2	2049.1	2115.0	2108.7	2099.3	2093.0	2083.6	2080.5	2074.2	2080.5
62.5°	2140.1	2196.6	2249.9	2303.3	2290.7	2278.2	2265.6	2253.1	2253.1	2253.1	2253.1
65°	2378.6	2422.5	2463.3	2504.1	2491.5	2482.1	2469.6	2457.0	2450.7	2444.5	2450.7
67.5°	2617.1	2648.4	2676.7	2708.1	2692.4	2676.7	2661.0	2645.3	2639.0	2629.6	2639.0
70°	2783.4	2814.8	2846.1	2877.5	2861.8	2846.1	2827.3	2811.6	2808.5	2805.3	2808.5
72.5°	2877.5	2915.2	2952.8	2990.5	2981.1	2968.5	2959.1	2946.5	2943.4	2937.1	2943.4
75°	2792.8	2824.2	2852.4	2880.6	2865.0	2849.3	2833.6	2817.9	2808.5	2795.9	2808.5
77.5°	2419.4	2422.5	2422.5	2422.5	2403.7	2384.9	2366.0	2347.2	2340.9	2331.5	2340.9
80°	1681.9	1616.1	1550.2	1484.3	1421.5	1358.7	1296.0	1233.2	1217.5	1198.7	1217.5
82.5°	530.3	473.8	420.5	364.0	338.9	310.7	285.6	257.3	247.9	235.3	247.9
85°	160.0	150.6	138.1	128.7	119.2	109.8	97.3	87.9	81.6	75.3	81.6
87.5°	15.7	15.7	12.6	9.4	9.4	9.4	9.4	9.4	9.4	6.3	9.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559803

CATALOG NUMBER: SDL-PA1-100-727-U-5WQ

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	762.5	762.5	762.5	759.4	759.4	759.4	762.5	762.5	762.5	762.5	759.4
5°	746.8	746.8	743.7	743.7	740.6	734.3	728.0	718.6	712.3	699.8	684.1
7.5°	646.4	643.3	643.3	640.1	637.0	624.5	611.9	596.2	583.7	593.1	599.4
10°	561.7	546.0	530.3	511.5	495.8	492.7	489.5	483.2	480.1	486.4	489.5
12.5°	480.1	464.4	448.7	433.0	417.3	426.8	439.3	448.7	458.1	455.0	451.9
15°	536.6	514.6	492.7	467.6	445.6	433.0	420.5	407.9	395.4	395.4	395.4
17.5°	461.3	451.9	439.3	429.9	417.3	417.3	414.2	414.2	411.1	417.3	426.8
20°	546.0	520.9	498.9	473.8	448.7	433.0	417.3	401.7	386.0	395.4	404.8
22.5°	436.2	436.2	439.3	439.3	439.3	448.7	461.3	470.7	480.1	464.4	445.6
25°	605.6	589.9	571.1	555.4	536.6	511.5	483.2	458.1	429.9	445.6	461.3
27.5°	693.5	668.4	640.1	615.0	586.8	571.1	555.4	539.7	524.0	511.5	502.1
30°	831.6	812.7	793.9	775.1	756.2	718.6	677.8	640.1	599.4	583.7	571.1
32.5°	866.1	847.2	828.4	806.5	787.6	765.7	743.7	721.7	699.8	671.5	640.1
35°	903.7	884.9	869.2	850.4	831.6	806.5	784.5	759.4	734.3	712.3	687.2
37.5°	950.8	938.3	922.6	910.0	894.3	866.1	834.7	806.5	775.1	746.8	721.7
40°	1013.6	1001.0	991.6	979.0	966.5	935.1	903.7	872.4	841.0	806.5	771.9
42.5°	1092.0	1079.5	1066.9	1054.4	1041.8	1010.4	975.9	944.5	910.0	872.4	837.8
45°	1195.6	1179.9	1167.3	1151.6	1135.9	1098.3	1060.6	1023.0	985.3	947.7	910.0
47.5°	1311.7	1299.1	1286.6	1274.0	1261.5	1217.5	1170.5	1126.5	1079.5	1041.8	1004.1
50°	1437.2	1430.9	1424.6	1415.2	1408.9	1352.5	1292.8	1236.4	1176.7	1139.1	1101.4
52.5°	1575.3	1572.1	1569.0	1562.7	1559.6	1493.7	1430.9	1365.0	1299.1	1264.6	1226.9
55°	1735.3	1735.3	1735.3	1732.2	1732.2	1663.1	1590.9	1521.9	1449.7	1415.2	1380.7
57.5°	1907.9	1911.0	1914.2	1917.3	1920.4	1851.4	1785.5	1716.5	1647.4	1609.8	1575.3
60°	2083.6	2093.0	2099.3	2108.7	2115.0	2049.1	1983.2	1914.2	1848.3	1816.9	1782.4
62.5°	2253.1	2265.6	2278.2	2290.7	2303.3	2249.9	2196.6	2140.1	2086.7	2049.1	2014.6
65°	2457.0	2469.6	2482.1	2491.5	2504.1	2463.3	2422.5	2378.6	2337.8	2300.1	2262.5
67.5°	2645.3	2661.0	2676.7	2692.4	2708.1	2676.7	2648.4	2617.1	2585.7	2541.7	2501.0
70°	2811.6	2827.3	2846.1	2861.8	2877.5	2846.1	2814.8	2783.4	2752.0	2714.3	2676.7
72.5°	2946.5	2959.1	2968.5	2981.1	2990.5	2952.8	2915.2	2877.5	2839.9	2795.9	2755.1
75°	2817.9	2833.6	2849.3	2865.0	2880.6	2852.4	2824.2	2792.8	2764.5	2733.2	2701.8
77.5°	2347.2	2366.0	2384.9	2403.7	2422.5	2422.5	2422.5	2419.4	2419.4	2425.6	2428.8
80°	1233.2	1296.0	1358.7	1421.5	1484.3	1550.2	1616.1	1681.9	1747.8	1804.3	1860.8
82.5°	257.3	285.6	310.7	338.9	364.0	420.5	473.8	530.3	583.7	712.3	841.0
85°	87.9	97.3	109.8	119.2	128.7	138.1	150.6	160.0	169.4	213.4	257.3
87.5°	9.4	9.4	9.4	9.4	9.4	12.6	15.7	15.7	18.8	22.0	25.1
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):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	759.4	756.2	756.2	753.1	753.1	750.0	746.8	743.7	740.6	737.4	734.3
5°	671.5	655.8	652.7	649.6	646.4	643.3	643.3	643.3	643.3	643.3	643.3
7.5°	608.8	615.0	618.2	621.3	621.3	624.5	624.5	627.6	627.6	627.6	624.5
10°	495.8	498.9	508.3	517.8	524.0	533.5	533.5	533.5	530.3	530.3	546.0
12.5°	448.7	445.6	451.9	458.1	464.4	470.7	492.7	514.6	533.5	555.4	568.0
15°	392.2	392.2	395.4	401.7	404.8	407.9	420.5	429.9	442.5	451.9	470.7
17.5°	433.0	439.3	423.6	407.9	389.1	373.4	404.8	436.2	467.6	498.9	514.6
20°	411.1	420.5	433.0	442.5	455.0	464.4	467.6	467.6	470.7	470.7	470.7
22.5°	429.9	411.1	426.8	445.6	461.3	477.0	470.7	464.4	458.1	451.9	480.1
25°	477.0	492.7	480.1	467.6	455.0	442.5	467.6	495.8	520.9	546.0	536.6
27.5°	489.5	477.0	492.7	508.3	524.0	539.7	530.3	524.0	514.6	505.2	524.0
30°	555.4	539.7	533.5	527.2	517.8	511.5	527.2	539.7	555.4	568.0	564.8
32.5°	611.9	580.5	580.5	580.5	577.4	577.4	577.4	580.5	580.5	580.5	602.5
35°	665.2	640.1	633.9	627.6	621.3	615.0	621.3	627.6	630.7	637.0	665.2
37.5°	693.5	665.2	665.2	665.2	665.2	665.2	668.4	674.7	677.8	680.9	712.3
40°	737.4	702.9	706.0	712.3	715.5	718.6	724.9	734.3	740.6	746.8	775.1
42.5°	800.2	762.5	765.7	771.9	775.1	778.2	790.8	800.2	812.7	822.1	853.5
45°	872.4	834.7	841.0	844.1	850.4	853.5	866.1	878.6	888.0	900.6	941.4
47.5°	963.4	925.7	935.1	941.4	950.8	957.1	966.5	972.8	982.2	988.5	1032.4
50°	1063.8	1026.1	1038.7	1051.2	1063.8	1076.3	1079.5	1079.5	1082.6	1082.6	1139.1
52.5°	1192.4	1154.8	1167.3	1183.0	1195.6	1208.1	1214.4	1220.7	1223.8	1230.1	1286.6
55°	1343.0	1308.5	1327.4	1346.2	1365.0	1383.8	1387.0	1390.1	1390.1	1393.3	1449.7
57.5°	1537.6	1499.9	1525.0	1553.3	1578.4	1603.5	1603.5	1600.4	1600.4	1597.2	1653.7
60°	1751.0	1716.5	1747.8	1782.4	1813.7	1845.1	1835.7	1826.3	1813.7	1804.3	1867.1
62.5°	1976.9	1939.3	1986.3	2033.4	2080.5	2127.5	2108.7	2093.0	2074.2	2055.4	2121.3
65°	2221.7	2184.0	2240.5	2297.0	2353.5	2410.0	2375.4	2340.9	2303.3	2268.7	2344.1
67.5°	2457.0	2413.1	2472.7	2529.2	2588.8	2645.3	2604.5	2563.7	2522.9	2482.1	2570.0
70°	2639.0	2601.4	2654.7	2708.1	2761.4	2814.8	2774.0	2733.2	2692.4	2651.6	2758.3
72.5°	2711.2	2667.3	2733.2	2802.2	2868.1	2934.0	2893.2	2852.4	2808.5	2767.7	2877.5
75°	2670.4	2639.0	2730.0	2817.9	2908.9	2996.8	2937.1	2877.5	2817.9	2758.3	2855.5
77.5°	2435.1	2438.2	2566.9	2692.4	2821.0	2946.5	2839.9	2733.2	2626.5	2519.8	2566.9
80°	1917.3	1973.8	2121.3	2268.7	2413.1	2560.6	2406.8	2256.2	2102.4	1948.7	1917.3
82.5°	966.5	1095.1	1258.3	1424.6	1587.8	1751.0	1597.2	1446.6	1292.8	1139.1	1041.8
85°	301.2	345.2	411.1	477.0	542.9	608.8	530.3	451.9	373.4	295.0	263.6
87.5°	25.1	28.2	28.2	25.1	25.1	22.0	25.1	28.2	28.2	31.4	28.2
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):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9	771.9
2.5°	731.1	724.9	721.7	712.3	702.9	693.5	684.1	684.1	687.2	687.2	687.2
5°	643.3	643.3	643.3	643.3	643.3	643.3	643.3	643.3	646.4	646.4	646.4
7.5°	621.3	618.2	615.0	611.9	611.9	608.8	605.6	596.2	583.7	574.2	561.7
10°	564.8	580.5	596.2	602.5	608.8	611.9	618.2	618.2	621.3	621.3	621.3
12.5°	583.7	596.2	608.8	605.6	602.5	599.4	596.2	583.7	568.0	555.4	539.7
15°	489.5	505.2	524.0	546.0	571.1	593.1	615.0	618.2	621.3	624.5	627.6
17.5°	533.5	549.1	564.8	571.1	580.5	586.8	593.1	580.5	564.8	552.3	536.6
20°	467.6	467.6	464.4	502.1	542.9	580.5	618.2	624.5	630.7	633.9	640.1
22.5°	505.2	533.5	558.6	555.4	552.3	549.1	546.0	546.0	546.0	542.9	542.9
25°	530.3	520.9	511.5	546.0	577.4	611.9	643.3	649.6	655.8	659.0	665.2
27.5°	546.0	564.8	583.7	577.4	571.1	561.7	555.4	558.6	564.8	568.0	571.1
30°	564.8	561.7	558.6	593.1	624.5	659.0	690.4	693.5	696.6	696.6	699.8
32.5°	621.3	643.3	662.1	677.8	696.6	712.3	728.0	756.2	787.6	815.9	844.1
35°	693.5	718.6	746.8	778.2	809.6	841.0	872.4	878.6	888.0	894.3	900.6
37.5°	740.6	771.9	800.2	834.7	869.2	900.6	935.1	941.4	944.5	950.8	953.9
40°	803.3	831.6	859.8	897.5	935.1	969.6	1007.3	1013.6	1016.7	1023.0	1026.1
42.5°	881.8	913.1	941.4	979.0	1013.6	1051.2	1085.7	1088.9	1095.1	1098.3	1101.4
45°	979.0	1019.8	1057.5	1092.0	1123.4	1157.9	1189.3	1192.4	1195.6	1195.6	1198.7
47.5°	1076.3	1117.1	1161.0	1195.6	1230.1	1261.5	1296.0	1302.3	1305.4	1311.7	1314.8
50°	1192.4	1248.9	1302.3	1333.6	1368.2	1399.5	1430.9	1434.0	1440.3	1443.5	1446.6
52.5°	1339.9	1396.4	1449.7	1481.1	1515.6	1547.0	1578.4	1581.5	1581.5	1584.7	1584.7
55°	1506.2	1562.7	1619.2	1650.6	1681.9	1713.3	1744.7	1744.7	1744.7	1741.6	1741.6
57.5°	1710.2	1763.5	1820.0	1851.4	1882.8	1914.2	1945.5	1945.5	1945.5	1945.5	1945.5
60°	1933.0	1995.7	2058.5	2086.7	2115.0	2143.2	2171.5	2165.2	2155.8	2149.5	2140.1
62.5°	2184.0	2249.9	2312.7	2334.6	2353.5	2375.4	2394.3	2384.9	2372.3	2362.9	2350.3
65°	2419.4	2494.7	2570.0	2585.7	2601.4	2613.9	2629.6	2613.9	2598.2	2579.4	2563.7
67.5°	2657.9	2742.6	2830.4	2836.7	2843.0	2849.3	2855.5	2839.9	2824.2	2805.3	2789.6
70°	2865.0	2971.7	3078.3	3081.5	3084.6	3087.8	3090.9	3075.2	3059.5	3040.7	3025.0
72.5°	2984.2	3094.0	3200.7	3210.1	3216.4	3225.8	3232.1	3216.4	3203.9	3188.2	3172.5
75°	2949.7	3047.0	3141.1	3131.7	3122.3	3109.7	3100.3	3075.2	3050.1	3021.9	2996.8
77.5°	2613.9	2657.9	2704.9	2654.7	2601.4	2551.2	2497.8	2472.7	2444.5	2419.4	2391.1
80°	1885.9	1851.4	1820.0	1725.9	1631.7	1534.5	1440.3	1377.6	1314.8	1252.0	1189.3
82.5°	947.7	850.4	753.1	668.4	583.7	495.8	411.1	379.7	345.2	313.8	279.3
85°	235.3	204.0	172.6	160.0	147.5	134.9	122.4	106.7	94.1	78.4	62.8
87.5°	28.2	25.1	22.0	18.8	18.8	15.7	12.6	12.6	12.6	9.4	9.4
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):**

	357.5°	360°
0°	771.9	771.9
2.5°	687.2	684.1
5°	646.4	646.4
7.5°	558.6	552.3
10°	621.3	621.3
12.5°	542.9	546.0
15°	627.6	627.6
17.5°	536.6	533.5
20°	640.1	640.1
22.5°	542.9	542.9
25°	665.2	662.1
27.5°	571.1	571.1
30°	699.8	699.8
32.5°	847.2	850.4
35°	903.7	903.7
37.5°	957.1	957.1
40°	1026.1	1023.0
42.5°	1104.6	1104.6
45°	1201.8	1201.8
47.5°	1317.9	1321.1
50°	1446.6	1446.6
52.5°	1584.7	1581.5
55°	1741.6	1741.6
57.5°	1936.1	1923.6
60°	2137.0	2133.8
62.5°	2347.2	2340.9
65°	2560.6	2554.3
67.5°	2786.5	2780.2
70°	3025.0	3021.9
72.5°	3163.1	3153.7
75°	2990.5	2984.2
77.5°	2366.0	2337.8
80°	1173.6	1157.9
82.5°	279.3	279.3
85°	59.6	56.5
87.5°	9.4	9.4
90°	0.0	0.0

(END OF REPORT)