

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: P561189

Luminaire Tested: **SDL-PA1-90-722-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561189
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-PA1-90-722-U-5WQ
Description: Springdale
(1) 70 CRI, 2200K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7765.8 lumens
Efficiency: N/A
Efficacy: 84.0 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: B3 - U0 - G2

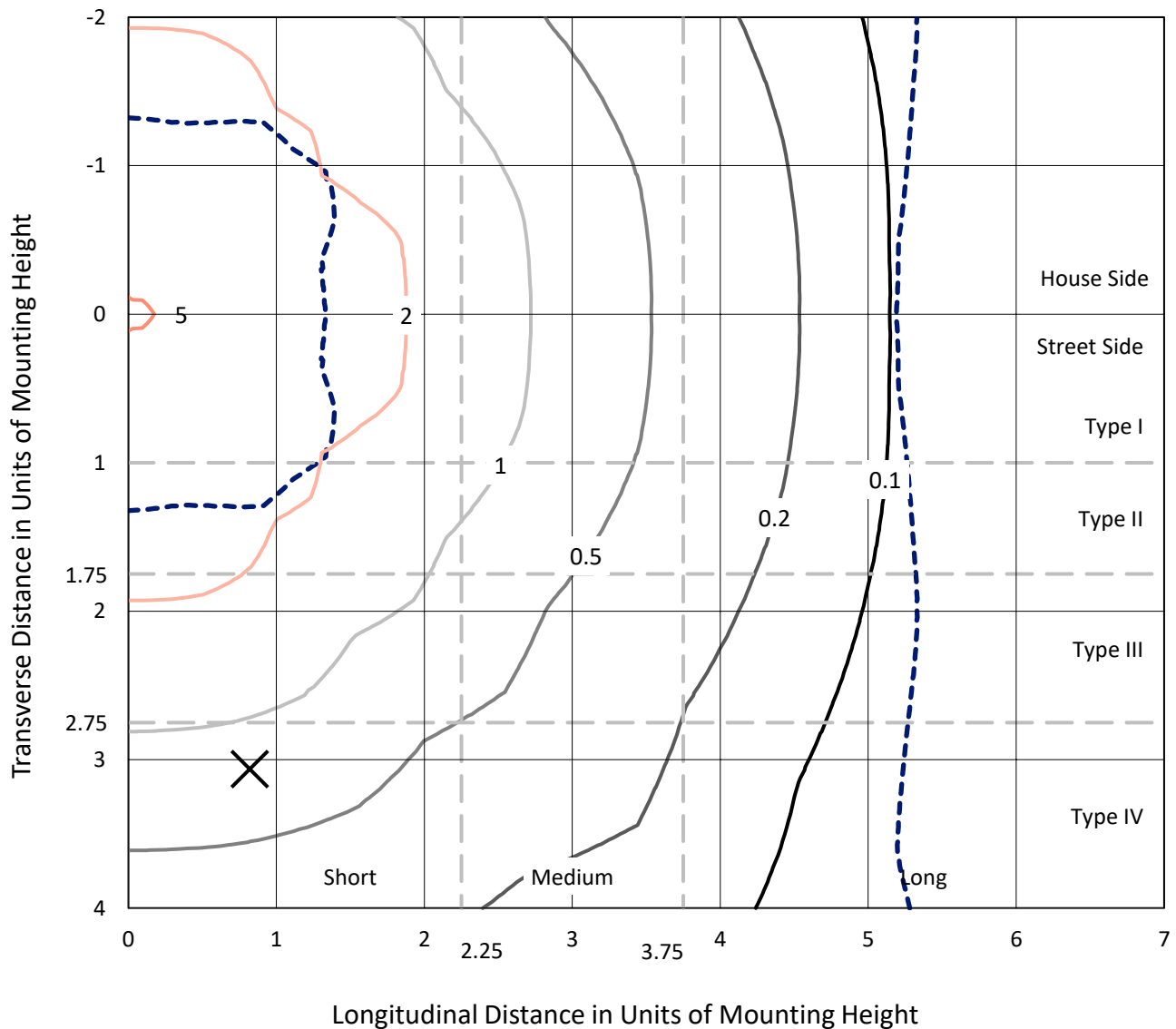
Input Watts (W): 92.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

--- 1/2 Max cd

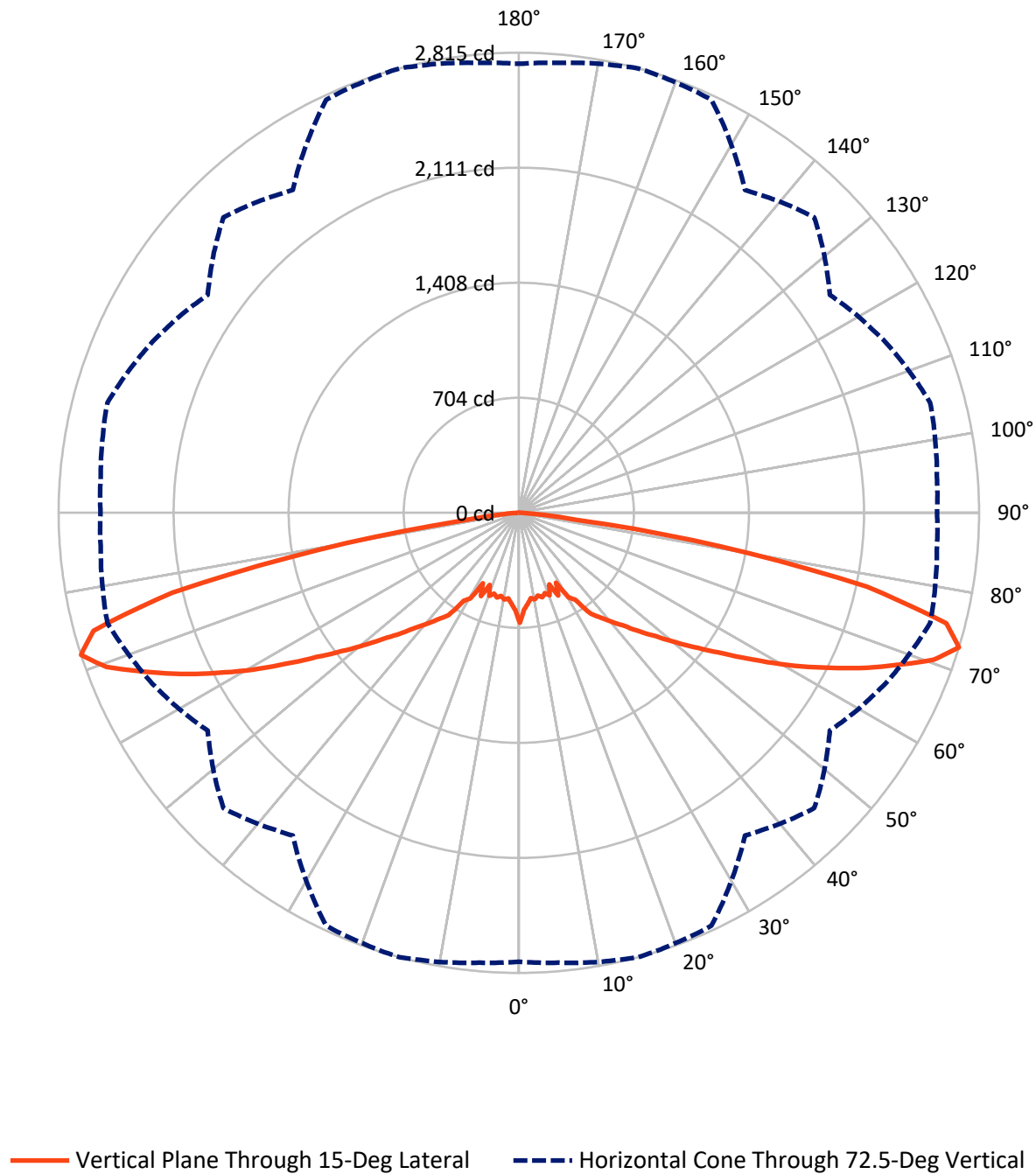


Type V - Short - N/A

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Luminous Intensity Polar Plot



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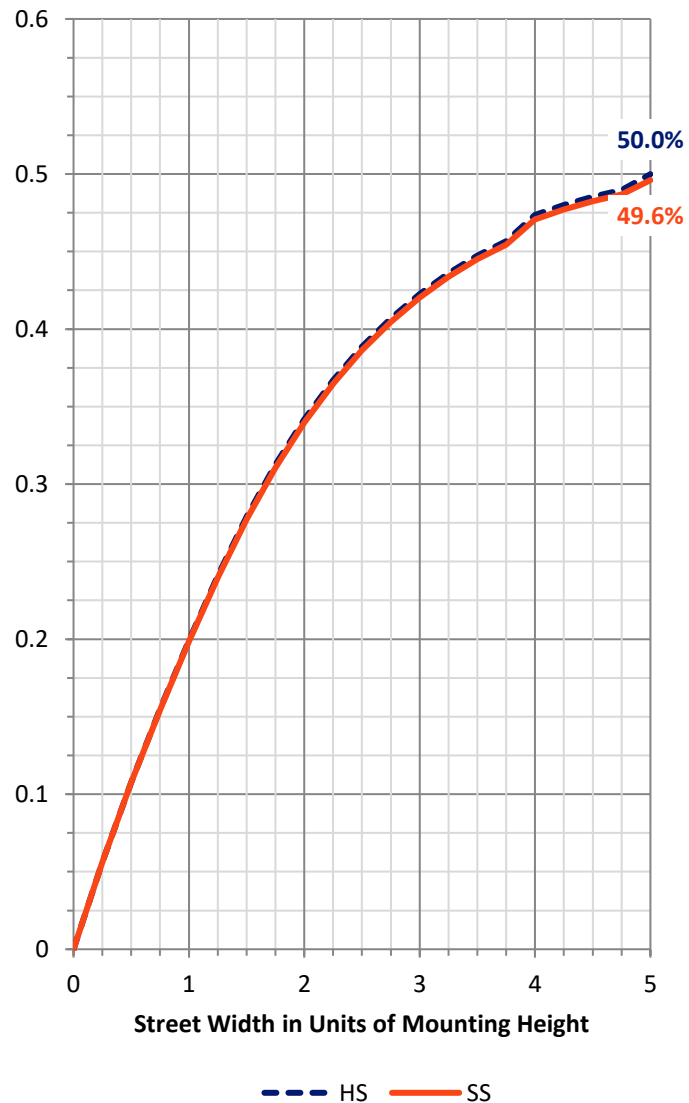
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3882.9	0.0	3882.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3882.9	0.0	3882.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7765.8	0.0	7765.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	0.7
10°-20°	122.6	1.6
20°-30°	218.7	2.8
30°-40°	418.4	5.4
40°-50°	712.6	9.2
50°-60°	1247.5	16.1
60°-70°	2104.9	27.1
70°-80°	2455.2	31.6
80°-90°	433.1	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°	7765.8	100.0
0°-180°	7765.8	100.0

Coefficient of Utilization



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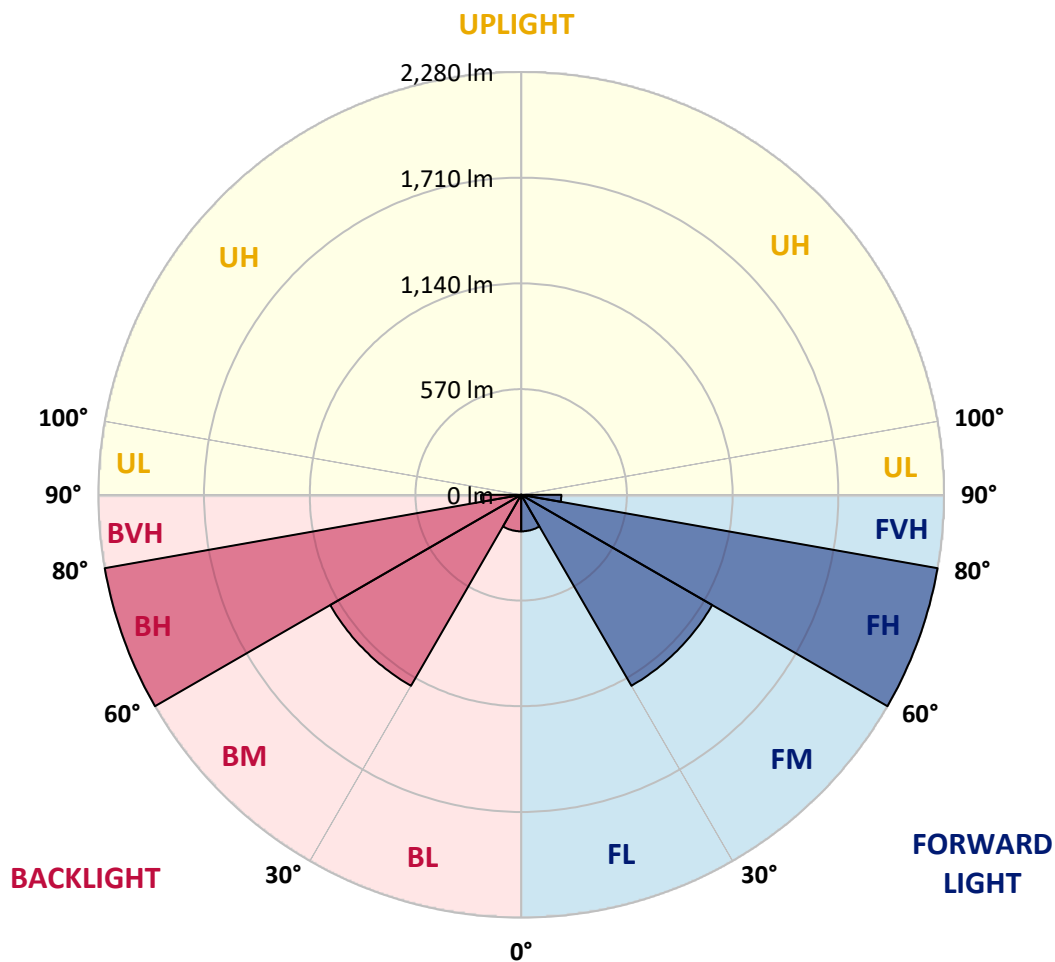
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	197.1	2.5			
FM	(30°-60°)	1189.2	15.3			
FH	(60°-80°)	2280.1	29.4			G2/5000
FVH	(80°-90°)	216.5	2.8			G2/225
BL	(0°-30°)	197.1	2.5	B1/500		
BM	(30°-60°)	1189.2	15.3	B2/2500		
BH	(60°-80°)	2280.1	29.4	B3/2500		G2/5000
BVH	(80°-90°)	216.5	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

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°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	595.8	598.6	598.6	598.6	598.6	595.8	595.8	604.0	612.2	620.4	628.6
5°	563.0	563.0	563.0	563.0	563.0	560.3	560.3	560.3	560.3	560.3	560.3
7.5°	481.0	486.5	489.2	500.2	508.4	519.3	527.5	530.2	533.0	533.0	535.7
10°	541.2	541.2	541.2	541.2	541.2	538.4	538.4	533.0	530.2	524.8	519.3
12.5°	475.6	472.8	470.1	483.8	494.7	508.4	519.3	522.0	524.8	527.5	530.2
15°	546.6	546.6	546.6	543.9	541.2	538.4	535.7	516.6	497.4	475.6	456.4
17.5°	464.6	467.4	467.4	481.0	492.0	505.6	516.6	511.1	505.6	497.4	492.0
20°	557.6	557.6	557.6	552.1	549.4	543.9	538.4	505.6	472.8	437.3	404.5
22.5°	472.8	472.8	472.8	472.8	475.6	475.6	475.6	478.3	481.0	483.8	486.5
25°	576.7	579.4	579.4	574.0	571.2	565.8	560.3	533.0	502.9	475.6	445.5
27.5°	497.4	497.4	497.4	494.7	492.0	486.5	483.8	489.2	497.4	502.9	508.4
30°	609.5	609.5	609.5	606.8	606.8	604.0	601.3	574.0	543.9	516.6	486.5
32.5°	740.7	738.0	735.2	710.6	686.0	658.7	634.1	620.4	606.8	590.4	576.7
35°	787.2	787.2	784.4	779.0	773.5	765.3	759.8	732.5	705.2	677.8	650.5
37.5°	833.6	833.6	830.9	828.2	822.7	820.0	814.5	784.4	757.1	727.0	697.0
40°	891.0	893.8	893.8	891.0	885.6	882.8	877.4	844.6	814.5	781.7	748.9
42.5°	962.1	962.1	959.3	956.6	953.9	948.4	945.7	915.6	882.8	852.8	820.0
45°	1046.8	1046.8	1044.1	1041.3	1041.3	1038.6	1035.9	1008.5	978.5	951.1	921.1
47.5°	1150.7	1147.9	1145.2	1142.5	1137.0	1134.3	1128.8	1098.7	1071.4	1041.3	1011.3
50°	1260.0	1260.0	1260.0	1257.3	1254.5	1249.1	1246.3	1219.0	1191.7	1161.6	1134.3
52.5°	1377.5	1380.3	1380.3	1380.3	1377.5	1377.5	1374.8	1347.5	1320.1	1290.1	1262.7
55°	1516.9	1516.9	1516.9	1516.9	1519.6	1519.6	1519.6	1492.3	1465.0	1437.7	1410.3
57.5°	1675.4	1686.4	1694.6	1694.6	1694.6	1694.6	1694.6	1667.2	1639.9	1612.6	1585.2
60°	1858.6	1861.3	1864.0	1872.2	1877.7	1885.9	1891.4	1866.8	1842.2	1817.6	1793.0
62.5°	2039.0	2044.4	2047.2	2058.1	2066.3	2077.2	2085.4	2069.0	2049.9	2033.5	2014.4
65°	2224.8	2230.3	2233.0	2246.7	2263.1	2276.7	2290.4	2276.7	2265.8	2252.1	2238.5
67.5°	2421.6	2427.1	2429.8	2443.5	2459.9	2473.5	2487.2	2481.7	2476.3	2470.8	2465.3
70°	2632.1	2634.8	2634.8	2648.5	2664.9	2678.5	2692.2	2689.5	2686.7	2684.0	2681.3
72.5°	2746.8	2755.0	2763.2	2776.9	2790.6	2801.5	2815.2	2809.7	2801.5	2796.0	2787.8
75°	2599.3	2604.7	2610.2	2632.1	2656.7	2678.5	2700.4	2708.6	2719.5	2727.7	2735.9
77.5°	2036.2	2060.8	2082.7	2107.3	2129.1	2153.7	2175.6	2222.1	2265.8	2312.3	2356.0
80°	1008.5	1022.2	1035.9	1090.5	1145.2	1199.9	1254.5	1336.5	1421.3	1503.3	1585.2
82.5°	243.3	243.3	243.3	273.3	300.7	330.7	358.0	431.8	508.4	582.2	656.0
85°	49.2	51.9	54.7	68.3	82.0	92.9	106.6	117.5	128.5	139.4	150.3
87.5°	8.2	8.2	8.2	8.2	10.9	10.9	10.9	13.7	16.4	16.4	19.1
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	631.4	636.8	639.6	642.3	645.0	647.8	650.5	653.2	656.0	656.0	658.7
5°	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	563.0	565.8	568.5
7.5°	538.4	541.2	543.9	546.6	546.6	546.6	543.9	543.9	541.2	541.2	538.4
10°	505.6	492.0	475.6	461.9	461.9	464.6	464.6	464.6	456.4	451.0	442.8
12.5°	519.3	508.4	494.7	483.8	464.6	448.2	429.1	410.0	404.5	399.0	393.6
15°	440.0	426.4	410.0	393.6	385.4	374.4	366.2	355.3	352.6	349.8	344.4
17.5°	478.3	464.6	448.2	434.6	407.2	379.9	352.6	325.2	338.9	355.3	369.0
20°	407.2	407.2	410.0	410.0	410.0	407.2	407.2	404.5	396.3	385.4	377.2
22.5°	464.6	440.0	418.2	393.6	399.0	404.5	410.0	415.4	401.8	388.1	371.7
25°	453.7	461.9	467.4	475.6	453.7	431.8	407.2	385.4	396.3	407.2	418.2
27.5°	492.0	475.6	456.4	440.0	448.2	456.4	461.9	470.1	456.4	442.8	429.1
30°	489.2	492.0	492.0	494.7	483.8	470.1	459.2	445.5	451.0	459.2	464.6
32.5°	560.3	541.2	524.8	505.6	505.6	505.6	502.9	502.9	502.9	505.6	505.6
35°	625.9	604.0	579.4	554.8	549.4	546.6	541.2	535.7	541.2	546.6	552.1
37.5°	672.4	645.0	620.4	593.1	590.4	587.6	582.2	579.4	579.4	579.4	579.4
40°	724.3	699.7	675.1	650.5	645.0	639.6	631.4	625.9	623.2	620.4	615.0
42.5°	795.4	768.0	743.4	716.1	707.9	697.0	688.8	677.8	675.1	672.4	666.9
45°	888.3	852.8	820.0	784.4	773.5	765.3	754.4	743.4	740.7	735.2	732.5
47.5°	973.0	937.5	899.2	861.0	855.5	847.3	841.8	833.6	828.2	820.0	814.5
50°	1087.8	1038.6	992.1	942.9	942.9	940.2	940.2	937.5	926.5	915.6	904.7
52.5°	1216.3	1167.1	1120.6	1071.4	1065.9	1063.2	1057.7	1052.3	1041.3	1030.4	1016.7
55°	1361.1	1311.9	1262.7	1213.5	1210.8	1210.8	1208.1	1205.3	1188.9	1172.5	1156.1
57.5°	1536.0	1489.6	1440.4	1391.2	1393.9	1393.9	1396.7	1396.7	1374.8	1352.9	1328.3
60°	1738.3	1683.6	1626.2	1571.6	1579.8	1590.7	1598.9	1607.1	1579.8	1552.4	1522.4
62.5°	1959.7	1902.3	1847.6	1790.2	1806.6	1823.0	1836.7	1853.1	1812.1	1771.1	1730.1
65°	2172.9	2107.3	2041.7	1976.1	2006.2	2039.0	2069.0	2099.1	2049.9	2000.7	1951.5
67.5°	2388.8	2315.0	2238.5	2161.9	2197.5	2233.0	2268.5	2304.1	2254.9	2202.9	2153.7
70°	2588.3	2495.4	2402.5	2309.5	2345.1	2380.6	2416.1	2451.7	2405.2	2358.7	2312.3
72.5°	2694.9	2599.3	2506.3	2410.7	2446.2	2484.5	2520.0	2555.5	2498.1	2440.7	2380.6
75°	2653.9	2569.2	2487.2	2402.5	2454.4	2506.3	2558.3	2610.2	2533.7	2454.4	2377.9
77.5°	2315.0	2276.7	2235.7	2194.7	2287.7	2380.6	2473.5	2566.5	2457.1	2345.1	2235.7
80°	1612.6	1642.6	1670.0	1697.3	1831.2	1965.2	2096.4	2230.3	2101.8	1976.1	1847.6
82.5°	740.7	825.4	907.4	992.1	1126.1	1260.0	1391.2	1525.1	1383.0	1240.9	1096.0
85°	177.7	205.0	229.6	256.9	325.2	393.6	461.9	530.2	472.8	415.4	358.0
87.5°	21.9	24.6	24.6	27.3	24.6	24.6	21.9	19.1	21.9	21.9	24.6
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°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	658.7	661.4	661.4	664.2	664.2	664.2	664.2	661.4	661.4	661.4	664.2
5°	571.2	584.9	595.8	609.5	620.4	625.9	634.1	639.6	645.0	647.8	647.8
7.5°	535.7	530.2	522.0	516.6	508.4	519.3	533.0	543.9	554.8	557.6	560.3
10°	434.6	431.8	426.4	423.6	418.2	420.9	426.4	429.1	431.8	445.5	461.9
12.5°	388.1	390.8	393.6	396.3	399.0	390.8	382.6	371.7	363.5	377.2	390.8
15°	341.6	341.6	344.4	344.4	344.4	355.3	366.2	377.2	388.1	407.2	429.1
17.5°	382.6	377.2	371.7	363.5	358.0	360.8	360.8	363.5	363.5	374.4	382.6
20°	366.2	358.0	352.6	344.4	336.2	349.8	363.5	377.2	390.8	412.7	434.6
22.5°	358.0	374.4	388.1	404.5	418.2	410.0	401.8	390.8	382.6	382.6	382.6
25°	429.1	415.4	401.8	388.1	374.4	399.0	420.9	445.5	467.4	483.8	497.4
27.5°	415.4	426.4	437.3	445.5	456.4	470.1	483.8	497.4	511.1	535.7	557.6
30°	470.1	483.8	497.4	508.4	522.0	557.6	590.4	625.9	658.7	675.1	691.5
32.5°	505.6	533.0	557.6	584.9	609.5	628.6	647.8	666.9	686.0	702.4	721.6
35°	557.6	579.4	598.6	620.4	639.6	661.4	683.3	702.4	724.3	740.7	757.1
37.5°	579.4	604.0	628.6	650.5	675.1	702.4	727.0	754.4	779.0	792.6	803.6
40°	612.2	642.3	672.4	702.4	732.5	759.8	787.2	814.5	841.8	852.8	863.7
42.5°	664.2	697.0	729.8	759.8	792.6	822.7	850.0	880.1	907.4	918.3	929.3
45°	727.0	759.8	792.6	825.4	858.2	891.0	923.8	956.6	989.4	1003.1	1016.7
47.5°	806.3	839.1	874.6	907.4	940.2	981.2	1019.5	1060.5	1098.7	1109.7	1120.6
50°	893.8	926.5	959.3	992.1	1024.9	1076.9	1126.1	1178.0	1227.2	1232.7	1240.9
52.5°	1005.8	1038.6	1068.7	1101.5	1131.5	1188.9	1246.3	1301.0	1358.4	1361.1	1366.6
55°	1139.7	1169.8	1202.6	1232.7	1262.7	1325.6	1385.7	1448.6	1508.7	1508.7	1511.5
57.5°	1306.5	1339.3	1372.1	1402.1	1434.9	1495.1	1555.2	1612.6	1672.7	1670.0	1667.2
60°	1495.1	1525.1	1552.4	1582.5	1609.8	1667.2	1727.4	1784.8	1842.2	1836.7	1828.5
62.5°	1689.1	1721.9	1754.7	1784.8	1817.6	1864.0	1913.2	1959.7	2006.2	1995.2	1984.3
65°	1902.3	1935.1	1970.6	2003.4	2036.2	2071.8	2110.0	2145.5	2181.1	2170.1	2161.9
67.5°	2101.8	2140.1	2178.3	2213.9	2252.1	2279.5	2306.8	2331.4	2358.7	2345.1	2331.4
70°	2265.8	2298.6	2331.4	2364.2	2397.0	2424.3	2451.7	2479.0	2506.3	2492.7	2479.0
72.5°	2323.2	2361.5	2399.7	2435.3	2473.5	2506.3	2539.1	2571.9	2604.7	2596.5	2585.6
75°	2298.6	2325.9	2353.3	2380.6	2407.9	2432.5	2459.9	2484.5	2509.1	2495.4	2481.7
77.5°	2123.7	2121.0	2115.5	2112.8	2107.3	2107.3	2110.0	2110.0	2110.0	2093.6	2077.2
80°	1719.2	1670.0	1620.8	1571.6	1522.4	1465.0	1407.6	1350.2	1292.8	1238.1	1183.5
82.5°	953.9	841.8	732.5	620.4	508.4	461.9	412.7	366.2	317.0	295.2	270.6
85°	300.7	262.4	224.1	185.9	147.6	139.4	131.2	120.3	112.1	103.9	95.7
87.5°	24.6	21.9	21.9	19.1	16.4	13.7	13.7	10.9	8.2	8.2	8.2
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	664.2	664.2	664.2	664.2	664.2	664.2	664.2	664.2	661.4	661.4	661.4
5°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	647.8	647.8	645.0	639.6
7.5°	560.3	563.0	563.0	560.3	563.0	563.0	560.3	560.3	557.6	554.8	543.9
10°	475.6	489.2	489.2	489.2	489.2	489.2	475.6	461.9	445.5	431.8	429.1
12.5°	404.5	418.2	418.2	418.2	418.2	418.2	404.5	390.8	377.2	363.5	371.7
15°	448.2	467.4	467.4	467.4	467.4	467.4	448.2	429.1	407.2	388.1	377.2
17.5°	393.6	401.8	404.5	404.5	404.5	401.8	393.6	382.6	374.4	363.5	363.5
20°	453.7	475.6	478.3	481.0	478.3	475.6	453.7	434.6	412.7	390.8	377.2
22.5°	379.9	379.9	382.6	382.6	382.6	379.9	379.9	382.6	382.6	382.6	390.8
25°	513.8	527.5	527.5	524.8	527.5	527.5	513.8	497.4	483.8	467.4	445.5
27.5°	582.2	604.0	609.5	612.2	609.5	604.0	582.2	557.6	535.7	511.1	497.4
30°	707.9	724.3	724.3	724.3	724.3	724.3	707.9	691.5	675.1	658.7	625.9
32.5°	738.0	754.4	754.4	754.4	754.4	754.4	738.0	721.6	702.4	686.0	666.9
35°	770.8	787.2	789.9	789.9	789.9	787.2	770.8	757.1	740.7	724.3	702.4
37.5°	817.2	828.2	830.9	833.6	830.9	828.2	817.2	803.6	792.6	779.0	754.4
40°	871.9	882.8	882.8	882.8	882.8	882.8	871.9	863.7	852.8	841.8	814.5
42.5°	940.2	951.1	953.9	956.6	953.9	951.1	940.2	929.3	918.3	907.4	880.1
45°	1027.7	1041.3	1044.1	1046.8	1044.1	1041.3	1027.7	1016.7	1003.1	989.4	956.6
47.5°	1131.5	1142.5	1142.5	1142.5	1142.5	1142.5	1131.5	1120.6	1109.7	1098.7	1060.5
50°	1246.3	1251.8	1254.5	1254.5	1254.5	1251.8	1246.3	1240.9	1232.7	1227.2	1178.0
52.5°	1369.3	1372.1	1372.1	1369.3	1372.1	1372.1	1369.3	1366.6	1361.1	1358.4	1301.0
55°	1511.5	1511.5	1508.7	1503.3	1508.7	1511.5	1511.5	1511.5	1508.7	1508.7	1448.6
57.5°	1664.5	1661.8	1661.8	1659.0	1661.8	1661.8	1664.5	1667.2	1670.0	1672.7	1612.6
60°	1823.0	1814.8	1812.1	1806.6	1812.1	1814.8	1823.0	1828.5	1836.7	1842.2	1784.8
62.5°	1973.4	1962.4	1962.4	1962.4	1962.4	1962.4	1973.4	1984.3	1995.2	2006.2	1959.7
65°	2151.0	2140.1	2134.6	2129.1	2134.6	2140.1	2151.0	2161.9	2170.1	2181.1	2145.5
67.5°	2317.7	2304.1	2298.6	2290.4	2298.6	2304.1	2317.7	2331.4	2345.1	2358.7	2331.4
70°	2462.6	2448.9	2446.2	2443.5	2446.2	2448.9	2462.6	2479.0	2492.7	2506.3	2479.0
72.5°	2577.4	2566.5	2563.7	2558.3	2563.7	2566.5	2577.4	2585.6	2596.5	2604.7	2571.9
75°	2468.1	2454.4	2446.2	2435.3	2446.2	2454.4	2468.1	2481.7	2495.4	2509.1	2484.5
77.5°	2060.8	2044.4	2039.0	2030.8	2039.0	2044.4	2060.8	2077.2	2093.6	2110.0	2110.0
80°	1128.8	1074.1	1060.5	1044.1	1060.5	1074.1	1128.8	1183.5	1238.1	1292.8	1350.2
82.5°	248.7	224.1	215.9	205.0	215.9	224.1	248.7	270.6	295.2	317.0	366.2
85°	84.7	76.5	71.1	65.6	71.1	76.5	84.7	95.7	103.9	112.1	120.3
87.5°	8.2	8.2	8.2	5.5	8.2	8.2	8.2	8.2	8.2	8.2	10.9
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	664.2	664.2	664.2	664.2	661.4	661.4	658.7	658.7	656.0	656.0	653.2
5°	634.1	625.9	620.4	609.5	595.8	584.9	571.2	568.5	565.8	563.0	560.3
7.5°	533.0	519.3	508.4	516.6	522.0	530.2	535.7	538.4	541.2	541.2	543.9
10°	426.4	420.9	418.2	423.6	426.4	431.8	434.6	442.8	451.0	456.4	464.6
12.5°	382.6	390.8	399.0	396.3	393.6	390.8	388.1	393.6	399.0	404.5	410.0
15°	366.2	355.3	344.4	344.4	344.4	341.6	341.6	344.4	349.8	352.6	355.3
17.5°	360.8	360.8	358.0	363.5	371.7	377.2	382.6	369.0	355.3	338.9	325.2
20°	363.5	349.8	336.2	344.4	352.6	358.0	366.2	377.2	385.4	396.3	404.5
22.5°	401.8	410.0	418.2	404.5	388.1	374.4	358.0	371.7	388.1	401.8	415.4
25°	420.9	399.0	374.4	388.1	401.8	415.4	429.1	418.2	407.2	396.3	385.4
27.5°	483.8	470.1	456.4	445.5	437.3	426.4	415.4	429.1	442.8	456.4	470.1
30°	590.4	557.6	522.0	508.4	497.4	483.8	470.1	464.6	459.2	451.0	445.5
32.5°	647.8	628.6	609.5	584.9	557.6	533.0	505.6	505.6	505.6	502.9	502.9
35°	683.3	661.4	639.6	620.4	598.6	579.4	557.6	552.1	546.6	541.2	535.7
37.5°	727.0	702.4	675.1	650.5	628.6	604.0	579.4	579.4	579.4	579.4	579.4
40°	787.2	759.8	732.5	702.4	672.4	642.3	612.2	615.0	620.4	623.2	625.9
42.5°	850.0	822.7	792.6	759.8	729.8	697.0	664.2	666.9	672.4	675.1	677.8
45°	923.8	891.0	858.2	825.4	792.6	759.8	727.0	732.5	735.2	740.7	743.4
47.5°	1019.5	981.2	940.2	907.4	874.6	839.1	806.3	814.5	820.0	828.2	833.6
50°	1126.1	1076.9	1024.9	992.1	959.3	926.5	893.8	904.7	915.6	926.5	937.5
52.5°	1246.3	1188.9	1131.5	1101.5	1068.7	1038.6	1005.8	1016.7	1030.4	1041.3	1052.3
55°	1385.7	1325.6	1262.7	1232.7	1202.6	1169.8	1139.7	1156.1	1172.5	1188.9	1205.3
57.5°	1555.2	1495.1	1434.9	1402.1	1372.1	1339.3	1306.5	1328.3	1352.9	1374.8	1396.7
60°	1727.4	1667.2	1609.8	1582.5	1552.4	1525.1	1495.1	1522.4	1552.4	1579.8	1607.1
62.5°	1913.2	1864.0	1817.6	1784.8	1754.7	1721.9	1689.1	1730.1	1771.1	1812.1	1853.1
65°	2110.0	2071.8	2036.2	2003.4	1970.6	1935.1	1902.3	1951.5	2000.7	2049.9	2099.1
67.5°	2306.8	2279.5	2252.1	2213.9	2178.3	2140.1	2101.8	2153.7	2202.9	2254.9	2304.1
70°	2451.7	2424.3	2397.0	2364.2	2331.4	2298.6	2265.8	2312.3	2358.7	2405.2	2451.7
72.5°	2539.1	2506.3	2473.5	2435.3	2399.7	2361.5	2323.2	2380.6	2440.7	2498.1	2555.5
75°	2459.9	2432.5	2407.9	2380.6	2353.3	2325.9	2298.6	2377.9	2454.4	2533.7	2610.2
77.5°	2110.0	2107.3	2107.3	2112.8	2115.5	2121.0	2123.7	2235.7	2345.1	2457.1	2566.5
80°	1407.6	1465.0	1522.4	1571.6	1620.8	1670.0	1719.2	1847.6	1976.1	2101.8	2230.3
82.5°	412.7	461.9	508.4	620.4	732.5	841.8	953.9	1096.0	1240.9	1383.0	1525.1
85°	131.2	139.4	147.6	185.9	224.1	262.4	300.7	358.0	415.4	472.8	530.2
87.5°	13.7	13.7	16.4	19.1	21.9	21.9	24.6	24.6	21.9	21.9	19.1
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	650.5	647.8	645.0	642.3	639.6	636.8	631.4	628.6	620.4	612.2	604.0
5°	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3
7.5°	543.9	546.6	546.6	546.6	543.9	541.2	538.4	535.7	533.0	533.0	530.2
10°	464.6	464.6	461.9	461.9	475.6	492.0	505.6	519.3	524.8	530.2	533.0
12.5°	429.1	448.2	464.6	483.8	494.7	508.4	519.3	530.2	527.5	524.8	522.0
15°	366.2	374.4	385.4	393.6	410.0	426.4	440.0	456.4	475.6	497.4	516.6
17.5°	352.6	379.9	407.2	434.6	448.2	464.6	478.3	492.0	497.4	505.6	511.1
20°	407.2	407.2	410.0	410.0	410.0	407.2	407.2	404.5	437.3	472.8	505.6
22.5°	410.0	404.5	399.0	393.6	418.2	440.0	464.6	486.5	483.8	481.0	478.3
25°	407.2	431.8	453.7	475.6	467.4	461.9	453.7	445.5	475.6	502.9	533.0
27.5°	461.9	456.4	448.2	440.0	456.4	475.6	492.0	508.4	502.9	497.4	489.2
30°	459.2	470.1	483.8	494.7	492.0	492.0	489.2	486.5	516.6	543.9	574.0
32.5°	502.9	505.6	505.6	505.6	524.8	541.2	560.3	576.7	590.4	606.8	620.4
35°	541.2	546.6	549.4	554.8	579.4	604.0	625.9	650.5	677.8	705.2	732.5
37.5°	582.2	587.6	590.4	593.1	620.4	645.0	672.4	697.0	727.0	757.1	784.4
40°	631.4	639.6	645.0	650.5	675.1	699.7	724.3	748.9	781.7	814.5	844.6
42.5°	688.8	697.0	707.9	716.1	743.4	768.0	795.4	820.0	852.8	882.8	915.6
45°	754.4	765.3	773.5	784.4	820.0	852.8	888.3	921.1	951.1	978.5	1008.5
47.5°	841.8	847.3	855.5	861.0	899.2	937.5	973.0	1011.3	1041.3	1071.4	1098.7
50°	940.2	940.2	942.9	942.9	992.1	1038.6	1087.8	1134.3	1161.6	1191.7	1219.0
52.5°	1057.7	1063.2	1065.9	1071.4	1120.6	1167.1	1216.3	1262.7	1290.1	1320.1	1347.5
55°	1208.1	1210.8	1210.8	1213.5	1262.7	1311.9	1361.1	1410.3	1437.7	1465.0	1492.3
57.5°	1396.7	1393.9	1393.9	1391.2	1440.4	1489.6	1536.0	1585.2	1612.6	1639.9	1667.2
60°	1598.9	1590.7	1579.8	1571.6	1626.2	1683.6	1738.3	1793.0	1817.6	1842.2	1866.8
62.5°	1836.7	1823.0	1806.6	1790.2	1847.6	1902.3	1959.7	2014.4	2033.5	2049.9	2069.0
65°	2069.0	2039.0	2006.2	1976.1	2041.7	2107.3	2172.9	2238.5	2252.1	2265.8	2276.7
67.5°	2268.5	2233.0	2197.5	2161.9	2238.5	2315.0	2388.8	2465.3	2470.8	2476.3	2481.7
70°	2416.1	2380.6	2345.1	2309.5	2402.5	2495.4	2588.3	2681.3	2684.0	2686.7	2689.5
72.5°	2520.0	2484.5	2446.2	2410.7	2506.3	2599.3	2694.9	2787.8	2796.0	2801.5	2809.7
75°	2558.3	2506.3	2454.4	2402.5	2487.2	2569.2	2653.9	2735.9	2727.7	2719.5	2708.6
77.5°	2473.5	2380.6	2287.7	2194.7	2235.7	2276.7	2315.0	2356.0	2312.3	2265.8	2222.1
80°	2096.4	1965.2	1831.2	1697.3	1670.0	1642.6	1612.6	1585.2	1503.3	1421.3	1336.5
82.5°	1391.2	1260.0	1126.1	992.1	907.4	825.4	740.7	656.0	582.2	508.4	431.8
85°	461.9	393.6	325.2	256.9	229.6	205.0	177.7	150.3	139.4	128.5	117.5
87.5°	21.9	24.6	24.6	27.3	24.6	24.6	21.9	19.1	16.4	16.4	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-PA1-90-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	595.8	595.8	598.6	598.6	598.6	598.6	595.8	598.6	598.6	598.6	598.6
5°	560.3	560.3	563.0	563.0	563.0	563.0	563.0	563.0	563.0	563.0	563.0
7.5°	527.5	519.3	508.4	500.2	489.2	486.5	481.0	486.5	489.2	500.2	508.4
10°	538.4	538.4	541.2	541.2	541.2	541.2	541.2	541.2	541.2	541.2	541.2
12.5°	519.3	508.4	494.7	483.8	470.1	472.8	475.6	472.8	470.1	483.8	494.7
15°	535.7	538.4	541.2	543.9	546.6	546.6	546.6	546.6	546.6	543.9	541.2
17.5°	516.6	505.6	492.0	481.0	467.4	467.4	464.6	467.4	467.4	481.0	492.0
20°	538.4	543.9	549.4	552.1	557.6	557.6	557.6	557.6	557.6	552.1	549.4
22.5°	475.6	475.6	475.6	472.8	472.8	472.8	472.8	472.8	472.8	472.8	475.6
25°	560.3	565.8	571.2	574.0	579.4	579.4	576.7	579.4	579.4	574.0	571.2
27.5°	483.8	486.5	492.0	494.7	497.4	497.4	497.4	497.4	497.4	494.7	492.0
30°	601.3	604.0	606.8	606.8	609.5	609.5	609.5	609.5	609.5	606.8	606.8
32.5°	634.1	658.7	686.0	710.6	735.2	738.0	740.7	738.0	735.2	710.6	686.0
35°	759.8	765.3	773.5	779.0	784.4	787.2	787.2	787.2	784.4	779.0	773.5
37.5°	814.5	820.0	822.7	828.2	830.9	833.6	833.6	833.6	830.9	828.2	822.7
40°	877.4	882.8	885.6	891.0	893.8	893.8	891.0	893.8	893.8	891.0	885.6
42.5°	945.7	948.4	953.9	956.6	959.3	962.1	962.1	962.1	959.3	956.6	953.9
45°	1035.9	1038.6	1041.3	1041.3	1044.1	1046.8	1046.8	1046.8	1044.1	1041.3	1041.3
47.5°	1128.8	1134.3	1137.0	1142.5	1145.2	1147.9	1150.7	1147.9	1145.2	1142.5	1137.0
50°	1246.3	1249.1	1254.5	1257.3	1260.0	1260.0	1260.0	1260.0	1260.0	1257.3	1254.5
52.5°	1374.8	1377.5	1377.5	1380.3	1380.3	1380.3	1377.5	1380.3	1380.3	1380.3	1377.5
55°	1519.6	1519.6	1519.6	1516.9	1516.9	1516.9	1516.9	1516.9	1516.9	1516.9	1519.6
57.5°	1694.6	1694.6	1694.6	1694.6	1694.6	1686.4	1675.4	1686.4	1694.6	1694.6	1694.6
60°	1891.4	1885.9	1877.7	1872.2	1864.0	1861.3	1858.6	1861.3	1864.0	1872.2	1877.7
62.5°	2085.4	2077.2	2066.3	2058.1	2047.2	2044.4	2039.0	2044.4	2047.2	2058.1	2066.3
65°	2290.4	2276.7	2263.1	2246.7	2233.0	2230.3	2224.8	2230.3	2233.0	2246.7	2263.1
67.5°	2487.2	2473.5	2459.9	2443.5	2429.8	2427.1	2421.6	2427.1	2429.8	2443.5	2459.9
70°	2692.2	2678.5	2664.9	2648.5	2634.8	2634.8	2632.1	2634.8	2634.8	2648.5	2664.9
72.5°	2815.2	2801.5	2790.6	2776.9	2763.2	2755.0	2746.8	2755.0	2763.2	2776.9	2790.6
75°	2700.4	2678.5	2656.7	2632.1	2610.2	2604.7	2599.3	2604.7	2610.2	2632.1	2656.7
77.5°	2175.6	2153.7	2129.1	2107.3	2082.7	2060.8	2036.2	2060.8	2082.7	2107.3	2129.1
80°	1254.5	1199.9	1145.2	1090.5	1035.9	1022.2	1008.5	1022.2	1035.9	1090.5	1145.2
82.5°	358.0	330.7	300.7	273.3	243.3	243.3	243.3	243.3	243.3	273.3	300.7
85°	106.6	92.9	82.0	68.3	54.7	51.9	49.2	51.9	54.7	68.3	82.0
87.5°	10.9	10.9	10.9	8.2	8.2	8.2	8.2	8.2	8.2	8.2	10.9
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: P561189

CATALOG NUMBER: SDL-PA1-90-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	595.8	595.8	604.0	612.2	620.4	628.6	631.4	636.8	639.6	642.3	645.0
5°	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3
7.5°	519.3	527.5	530.2	533.0	533.0	535.7	538.4	541.2	543.9	546.6	546.6
10°	538.4	538.4	533.0	530.2	524.8	519.3	505.6	492.0	475.6	461.9	461.9
12.5°	508.4	519.3	522.0	524.8	527.5	530.2	519.3	508.4	494.7	483.8	464.6
15°	538.4	535.7	516.6	497.4	475.6	456.4	440.0	426.4	410.0	393.6	385.4
17.5°	505.6	516.6	511.1	505.6	497.4	492.0	478.3	464.6	448.2	434.6	407.2
20°	543.9	538.4	505.6	472.8	437.3	404.5	407.2	407.2	410.0	410.0	410.0
22.5°	475.6	475.6	478.3	481.0	483.8	486.5	464.6	440.0	418.2	393.6	399.0
25°	565.8	560.3	533.0	502.9	475.6	445.5	453.7	461.9	467.4	475.6	453.7
27.5°	486.5	483.8	489.2	497.4	502.9	508.4	492.0	475.6	456.4	440.0	448.2
30°	604.0	601.3	574.0	543.9	516.6	486.5	489.2	492.0	492.0	494.7	483.8
32.5°	658.7	634.1	620.4	606.8	590.4	576.7	560.3	541.2	524.8	505.6	505.6
35°	765.3	759.8	732.5	705.2	677.8	650.5	625.9	604.0	579.4	554.8	549.4
37.5°	820.0	814.5	784.4	757.1	727.0	697.0	672.4	645.0	620.4	593.1	590.4
40°	882.8	877.4	844.6	814.5	781.7	748.9	724.3	699.7	675.1	650.5	645.0
42.5°	948.4	945.7	915.6	882.8	852.8	820.0	795.4	768.0	743.4	716.1	707.9
45°	1038.6	1035.9	1008.5	978.5	951.1	921.1	888.3	852.8	820.0	784.4	773.5
47.5°	1134.3	1128.8	1098.7	1071.4	1041.3	1011.3	973.0	937.5	899.2	861.0	855.5
50°	1249.1	1246.3	1219.0	1191.7	1161.6	1134.3	1087.8	1038.6	992.1	942.9	942.9
52.5°	1377.5	1374.8	1347.5	1320.1	1290.1	1262.7	1216.3	1167.1	1120.6	1071.4	1065.9
55°	1519.6	1519.6	1492.3	1465.0	1437.7	1410.3	1361.1	1311.9	1262.7	1213.5	1210.8
57.5°	1694.6	1694.6	1667.2	1639.9	1612.6	1585.2	1536.0	1489.6	1440.4	1391.2	1393.9
60°	1885.9	1891.4	1866.8	1842.2	1817.6	1793.0	1738.3	1683.6	1626.2	1571.6	1579.8
62.5°	2077.2	2085.4	2069.0	2049.9	2033.5	2014.4	1959.7	1902.3	1847.6	1790.2	1806.6
65°	2276.7	2290.4	2276.7	2265.8	2252.1	2238.5	2172.9	2107.3	2041.7	1976.1	2006.2
67.5°	2473.5	2487.2	2481.7	2476.3	2470.8	2465.3	2388.8	2315.0	2238.5	2161.9	2197.5
70°	2678.5	2692.2	2689.5	2686.7	2684.0	2681.3	2588.3	2495.4	2402.5	2309.5	2345.1
72.5°	2801.5	2815.2	2809.7	2801.5	2796.0	2787.8	2694.9	2599.3	2506.3	2410.7	2446.2
75°	2678.5	2700.4	2708.6	2719.5	2727.7	2735.9	2653.9	2569.2	2487.2	2402.5	2454.4
77.5°	2153.7	2175.6	2222.1	2265.8	2312.3	2356.0	2315.0	2276.7	2235.7	2194.7	2287.7
80°	1199.9	1254.5	1336.5	1421.3	1503.3	1585.2	1612.6	1642.6	1670.0	1697.3	1831.2
82.5°	330.7	358.0	431.8	508.4	582.2	656.0	740.7	825.4	907.4	992.1	1126.1
85°	92.9	106.6	117.5	128.5	139.4	150.3	177.7	205.0	229.6	256.9	325.2
87.5°	10.9	10.9	13.7	16.4	16.4	19.1	21.9	24.6	24.6	27.3	24.6
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-PA1-90-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	647.8	650.5	653.2	656.0	656.0	658.7	658.7	661.4	661.4	664.2	664.2
5°	560.3	560.3	560.3	563.0	565.8	568.5	571.2	584.9	595.8	609.5	620.4
7.5°	546.6	543.9	543.9	541.2	541.2	538.4	535.7	530.2	522.0	516.6	508.4
10°	464.6	464.6	464.6	456.4	451.0	442.8	434.6	431.8	426.4	423.6	418.2
12.5°	448.2	429.1	410.0	404.5	399.0	393.6	388.1	390.8	393.6	396.3	399.0
15°	374.4	366.2	355.3	352.6	349.8	344.4	341.6	341.6	344.4	344.4	344.4
17.5°	379.9	352.6	325.2	338.9	355.3	369.0	382.6	377.2	371.7	363.5	358.0
20°	407.2	407.2	404.5	396.3	385.4	377.2	366.2	358.0	352.6	344.4	336.2
22.5°	404.5	410.0	415.4	401.8	388.1	371.7	358.0	374.4	388.1	404.5	418.2
25°	431.8	407.2	385.4	396.3	407.2	418.2	429.1	415.4	401.8	388.1	374.4
27.5°	456.4	461.9	470.1	456.4	442.8	429.1	415.4	426.4	437.3	445.5	456.4
30°	470.1	459.2	445.5	451.0	459.2	464.6	470.1	483.8	497.4	508.4	522.0
32.5°	505.6	502.9	502.9	502.9	505.6	505.6	505.6	533.0	557.6	584.9	609.5
35°	546.6	541.2	535.7	541.2	546.6	552.1	557.6	579.4	598.6	620.4	639.6
37.5°	587.6	582.2	579.4	579.4	579.4	579.4	579.4	604.0	628.6	650.5	675.1
40°	639.6	631.4	625.9	623.2	620.4	615.0	612.2	642.3	672.4	702.4	732.5
42.5°	697.0	688.8	677.8	675.1	672.4	666.9	664.2	697.0	729.8	759.8	792.6
45°	765.3	754.4	743.4	740.7	735.2	732.5	727.0	759.8	792.6	825.4	858.2
47.5°	847.3	841.8	833.6	828.2	820.0	814.5	806.3	839.1	874.6	907.4	940.2
50°	940.2	940.2	937.5	926.5	915.6	904.7	893.8	926.5	959.3	992.1	1024.9
52.5°	1063.2	1057.7	1052.3	1041.3	1030.4	1016.7	1005.8	1038.6	1068.7	1101.5	1131.5
55°	1210.8	1208.1	1205.3	1188.9	1172.5	1156.1	1139.7	1169.8	1202.6	1232.7	1262.7
57.5°	1393.9	1396.7	1396.7	1374.8	1352.9	1328.3	1306.5	1339.3	1372.1	1402.1	1434.9
60°	1590.7	1598.9	1607.1	1579.8	1552.4	1522.4	1495.1	1525.1	1552.4	1582.5	1609.8
62.5°	1823.0	1836.7	1853.1	1812.1	1771.1	1730.1	1689.1	1721.9	1754.7	1784.8	1817.6
65°	2039.0	2069.0	2099.1	2049.9	2000.7	1951.5	1902.3	1935.1	1970.6	2003.4	2036.2
67.5°	2233.0	2268.5	2304.1	2254.9	2202.9	2153.7	2101.8	2140.1	2178.3	2213.9	2252.1
70°	2380.6	2416.1	2451.7	2405.2	2358.7	2312.3	2265.8	2298.6	2331.4	2364.2	2397.0
72.5°	2484.5	2520.0	2555.5	2498.1	2440.7	2380.6	2323.2	2361.5	2399.7	2435.3	2473.5
75°	2506.3	2558.3	2610.2	2533.7	2454.4	2377.9	2298.6	2325.9	2353.3	2380.6	2407.9
77.5°	2380.6	2473.5	2566.5	2457.1	2345.1	2235.7	2123.7	2121.0	2115.5	2112.8	2107.3
80°	1965.2	2096.4	2230.3	2101.8	1976.1	1847.6	1719.2	1670.0	1620.8	1571.6	1522.4
82.5°	1260.0	1391.2	1525.1	1383.0	1240.9	1096.0	953.9	841.8	732.5	620.4	508.4
85°	393.6	461.9	530.2	472.8	415.4	358.0	300.7	262.4	224.1	185.9	147.6
87.5°	24.6	21.9	19.1	21.9	21.9	24.6	24.6	21.9	21.9	19.1	16.4
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-PA1-90-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	664.2	664.2	661.4	661.4	661.4	664.2	664.2	664.2	664.2	664.2	664.2
5°	625.9	634.1	639.6	645.0	647.8	647.8	650.5	650.5	650.5	650.5	650.5
7.5°	519.3	533.0	543.9	554.8	557.6	560.3	560.3	563.0	563.0	560.3	563.0
10°	420.9	426.4	429.1	431.8	445.5	461.9	475.6	489.2	489.2	489.2	489.2
12.5°	390.8	382.6	371.7	363.5	377.2	390.8	404.5	418.2	418.2	418.2	418.2
15°	355.3	366.2	377.2	388.1	407.2	429.1	448.2	467.4	467.4	467.4	467.4
17.5°	360.8	360.8	363.5	363.5	374.4	382.6	393.6	401.8	404.5	404.5	404.5
20°	349.8	363.5	377.2	390.8	412.7	434.6	453.7	475.6	478.3	481.0	478.3
22.5°	410.0	401.8	390.8	382.6	382.6	382.6	379.9	379.9	382.6	382.6	382.6
25°	399.0	420.9	445.5	467.4	483.8	497.4	513.8	527.5	527.5	524.8	527.5
27.5°	470.1	483.8	497.4	511.1	535.7	557.6	582.2	604.0	609.5	612.2	609.5
30°	557.6	590.4	625.9	658.7	675.1	691.5	707.9	724.3	724.3	724.3	724.3
32.5°	628.6	647.8	666.9	686.0	702.4	721.6	738.0	754.4	754.4	754.4	754.4
35°	661.4	683.3	702.4	724.3	740.7	757.1	770.8	787.2	789.9	789.9	789.9
37.5°	702.4	727.0	754.4	779.0	792.6	803.6	817.2	828.2	830.9	833.6	830.9
40°	759.8	787.2	814.5	841.8	852.8	863.7	871.9	882.8	882.8	882.8	882.8
42.5°	822.7	850.0	880.1	907.4	918.3	929.3	940.2	951.1	953.9	956.6	953.9
45°	891.0	923.8	956.6	989.4	1003.1	1016.7	1027.7	1041.3	1044.1	1046.8	1044.1
47.5°	981.2	1019.5	1060.5	1098.7	1109.7	1120.6	1131.5	1142.5	1142.5	1142.5	1142.5
50°	1076.9	1126.1	1178.0	1227.2	1232.7	1240.9	1246.3	1251.8	1254.5	1254.5	1254.5
52.5°	1188.9	1246.3	1301.0	1358.4	1361.1	1366.6	1369.3	1372.1	1372.1	1369.3	1372.1
55°	1325.6	1385.7	1448.6	1508.7	1508.7	1511.5	1511.5	1511.5	1508.7	1503.3	1508.7
57.5°	1495.1	1555.2	1612.6	1672.7	1670.0	1667.2	1664.5	1661.8	1661.8	1659.0	1661.8
60°	1667.2	1727.4	1784.8	1842.2	1836.7	1828.5	1823.0	1814.8	1812.1	1806.6	1812.1
62.5°	1864.0	1913.2	1959.7	2006.2	1995.2	1984.3	1973.4	1962.4	1962.4	1962.4	1962.4
65°	2071.8	2110.0	2145.5	2181.1	2170.1	2161.9	2151.0	2140.1	2134.6	2129.1	2134.6
67.5°	2279.5	2306.8	2331.4	2358.7	2345.1	2331.4	2317.7	2304.1	2298.6	2290.4	2298.6
70°	2424.3	2451.7	2479.0	2506.3	2492.7	2479.0	2462.6	2448.9	2446.2	2443.5	2446.2
72.5°	2506.3	2539.1	2571.9	2604.7	2596.5	2585.6	2577.4	2566.5	2563.7	2558.3	2563.7
75°	2432.5	2459.9	2484.5	2509.1	2495.4	2481.7	2468.1	2454.4	2446.2	2435.3	2446.2
77.5°	2107.3	2110.0	2110.0	2110.0	2093.6	2077.2	2060.8	2044.4	2039.0	2030.8	2039.0
80°	1465.0	1407.6	1350.2	1292.8	1238.1	1183.5	1128.8	1074.1	1060.5	1044.1	1060.5
82.5°	461.9	412.7	366.2	317.0	295.2	270.6	248.7	224.1	215.9	205.0	215.9
85°	139.4	131.2	120.3	112.1	103.9	95.7	84.7	76.5	71.1	65.6	71.1
87.5°	13.7	13.7	10.9	8.2	8.2	8.2	8.2	8.2	8.2	5.5	8.2
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-PA1-90-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	664.2	664.2	664.2	661.4	661.4	661.4	664.2	664.2	664.2	664.2	661.4
5°	650.5	650.5	647.8	647.8	645.0	639.6	634.1	625.9	620.4	609.5	595.8
7.5°	563.0	560.3	560.3	557.6	554.8	543.9	533.0	519.3	508.4	516.6	522.0
10°	489.2	475.6	461.9	445.5	431.8	429.1	426.4	420.9	418.2	423.6	426.4
12.5°	418.2	404.5	390.8	377.2	363.5	371.7	382.6	390.8	399.0	396.3	393.6
15°	467.4	448.2	429.1	407.2	388.1	377.2	366.2	355.3	344.4	344.4	344.4
17.5°	401.8	393.6	382.6	374.4	363.5	363.5	360.8	360.8	358.0	363.5	371.7
20°	475.6	453.7	434.6	412.7	390.8	377.2	363.5	349.8	336.2	344.4	352.6
22.5°	379.9	379.9	382.6	382.6	382.6	390.8	401.8	410.0	418.2	404.5	388.1
25°	527.5	513.8	497.4	483.8	467.4	445.5	420.9	399.0	374.4	388.1	401.8
27.5°	604.0	582.2	557.6	535.7	511.1	497.4	483.8	470.1	456.4	445.5	437.3
30°	724.3	707.9	691.5	675.1	658.7	625.9	590.4	557.6	522.0	508.4	497.4
32.5°	754.4	738.0	721.6	702.4	686.0	666.9	647.8	628.6	609.5	584.9	557.6
35°	787.2	770.8	757.1	740.7	724.3	702.4	683.3	661.4	639.6	620.4	598.6
37.5°	828.2	817.2	803.6	792.6	779.0	754.4	727.0	702.4	675.1	650.5	628.6
40°	882.8	871.9	863.7	852.8	841.8	814.5	787.2	759.8	732.5	702.4	672.4
42.5°	951.1	940.2	929.3	918.3	907.4	880.1	850.0	822.7	792.6	759.8	729.8
45°	1041.3	1027.7	1016.7	1003.1	989.4	956.6	923.8	891.0	858.2	825.4	792.6
47.5°	1142.5	1131.5	1120.6	1109.7	1098.7	1060.5	1019.5	981.2	940.2	907.4	874.6
50°	1251.8	1246.3	1240.9	1232.7	1227.2	1178.0	1126.1	1076.9	1024.9	992.1	959.3
52.5°	1372.1	1369.3	1366.6	1361.1	1358.4	1301.0	1246.3	1188.9	1131.5	1101.5	1068.7
55°	1511.5	1511.5	1511.5	1508.7	1508.7	1448.6	1385.7	1325.6	1262.7	1232.7	1202.6
57.5°	1661.8	1664.5	1667.2	1670.0	1672.7	1612.6	1555.2	1495.1	1434.9	1402.1	1372.1
60°	1814.8	1823.0	1828.5	1836.7	1842.2	1784.8	1727.4	1667.2	1609.8	1582.5	1552.4
62.5°	1962.4	1973.4	1984.3	1995.2	2006.2	1959.7	1913.2	1864.0	1817.6	1784.8	1754.7
65°	2140.1	2151.0	2161.9	2170.1	2181.1	2145.5	2110.0	2071.8	2036.2	2003.4	1970.6
67.5°	2304.1	2317.7	2331.4	2345.1	2358.7	2331.4	2306.8	2279.5	2252.1	2213.9	2178.3
70°	2448.9	2462.6	2479.0	2492.7	2506.3	2479.0	2451.7	2424.3	2397.0	2364.2	2331.4
72.5°	2566.5	2577.4	2585.6	2596.5	2604.7	2571.9	2539.1	2506.3	2473.5	2435.3	2399.7
75°	2454.4	2468.1	2481.7	2495.4	2509.1	2484.5	2459.9	2432.5	2407.9	2380.6	2353.3
77.5°	2044.4	2060.8	2077.2	2093.6	2110.0	2110.0	2110.0	2107.3	2107.3	2112.8	2115.5
80°	1074.1	1128.8	1183.5	1238.1	1292.8	1350.2	1407.6	1465.0	1522.4	1571.6	1620.8
82.5°	224.1	248.7	270.6	295.2	317.0	366.2	412.7	461.9	508.4	620.4	732.5
85°	76.5	84.7	95.7	103.9	112.1	120.3	131.2	139.4	147.6	185.9	224.1
87.5°	8.2	8.2	8.2	8.2	8.2	10.9	13.7	13.7	16.4	19.1	21.9
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	661.4	658.7	658.7	656.0	656.0	653.2	650.5	647.8	645.0	642.3	639.6
5°	584.9	571.2	568.5	565.8	563.0	560.3	560.3	560.3	560.3	560.3	560.3
7.5°	530.2	535.7	538.4	541.2	541.2	543.9	543.9	546.6	546.6	546.6	543.9
10°	431.8	434.6	442.8	451.0	456.4	464.6	464.6	464.6	461.9	461.9	475.6
12.5°	390.8	388.1	393.6	399.0	404.5	410.0	429.1	448.2	464.6	483.8	494.7
15°	341.6	341.6	344.4	349.8	352.6	355.3	366.2	374.4	385.4	393.6	410.0
17.5°	377.2	382.6	369.0	355.3	338.9	325.2	352.6	379.9	407.2	434.6	448.2
20°	358.0	366.2	377.2	385.4	396.3	404.5	407.2	407.2	410.0	410.0	410.0
22.5°	374.4	358.0	371.7	388.1	401.8	415.4	410.0	404.5	399.0	393.6	418.2
25°	415.4	429.1	418.2	407.2	396.3	385.4	407.2	431.8	453.7	475.6	467.4
27.5°	426.4	415.4	429.1	442.8	456.4	470.1	461.9	456.4	448.2	440.0	456.4
30°	483.8	470.1	464.6	459.2	451.0	445.5	459.2	470.1	483.8	494.7	492.0
32.5°	533.0	505.6	505.6	505.6	502.9	502.9	502.9	505.6	505.6	505.6	524.8
35°	579.4	557.6	552.1	546.6	541.2	535.7	541.2	546.6	549.4	554.8	579.4
37.5°	604.0	579.4	579.4	579.4	579.4	579.4	582.2	587.6	590.4	593.1	620.4
40°	642.3	612.2	615.0	620.4	623.2	625.9	631.4	639.6	645.0	650.5	675.1
42.5°	697.0	664.2	666.9	672.4	675.1	677.8	688.8	697.0	707.9	716.1	743.4
45°	759.8	727.0	732.5	735.2	740.7	743.4	754.4	765.3	773.5	784.4	820.0
47.5°	839.1	806.3	814.5	820.0	828.2	833.6	841.8	847.3	855.5	861.0	899.2
50°	926.5	893.8	904.7	915.6	926.5	937.5	940.2	940.2	942.9	942.9	992.1
52.5°	1038.6	1005.8	1016.7	1030.4	1041.3	1052.3	1057.7	1063.2	1065.9	1071.4	1120.6
55°	1169.8	1139.7	1156.1	1172.5	1188.9	1205.3	1208.1	1210.8	1210.8	1213.5	1262.7
57.5°	1339.3	1306.5	1328.3	1352.9	1374.8	1396.7	1396.7	1393.9	1393.9	1391.2	1440.4
60°	1525.1	1495.1	1522.4	1552.4	1579.8	1607.1	1598.9	1590.7	1579.8	1571.6	1626.2
62.5°	1721.9	1689.1	1730.1	1771.1	1812.1	1853.1	1836.7	1823.0	1806.6	1790.2	1847.6
65°	1935.1	1902.3	1951.5	2000.7	2049.9	2099.1	2069.0	2039.0	2006.2	1976.1	2041.7
67.5°	2140.1	2101.8	2153.7	2202.9	2254.9	2304.1	2268.5	2233.0	2197.5	2161.9	2238.5
70°	2298.6	2265.8	2312.3	2358.7	2405.2	2451.7	2416.1	2380.6	2345.1	2309.5	2402.5
72.5°	2361.5	2323.2	2380.6	2440.7	2498.1	2555.5	2520.0	2484.5	2446.2	2410.7	2506.3
75°	2325.9	2298.6	2377.9	2454.4	2533.7	2610.2	2558.3	2506.3	2454.4	2402.5	2487.2
77.5°	2121.0	2123.7	2235.7	2345.1	2457.1	2566.5	2473.5	2380.6	2287.7	2194.7	2235.7
80°	1670.0	1719.2	1847.6	1976.1	2101.8	2230.3	2096.4	1965.2	1831.2	1697.3	1670.0
82.5°	841.8	953.9	1096.0	1240.9	1383.0	1525.1	1391.2	1260.0	1126.1	992.1	907.4
85°	262.4	300.7	358.0	415.4	472.8	530.2	461.9	393.6	325.2	256.9	229.6
87.5°	21.9	24.6	24.6	21.9	21.9	19.1	21.9	24.6	24.6	27.3	24.6
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°	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4	672.4
2.5°	636.8	631.4	628.6	620.4	612.2	604.0	595.8	595.8	598.6	598.6	598.6
5°	560.3	560.3	560.3	560.3	560.3	560.3	560.3	560.3	563.0	563.0	563.0
7.5°	541.2	538.4	535.7	533.0	533.0	530.2	527.5	519.3	508.4	500.2	489.2
10°	492.0	505.6	519.3	524.8	530.2	533.0	538.4	538.4	541.2	541.2	541.2
12.5°	508.4	519.3	530.2	527.5	524.8	522.0	519.3	508.4	494.7	483.8	470.1
15°	426.4	440.0	456.4	475.6	497.4	516.6	535.7	538.4	541.2	543.9	546.6
17.5°	464.6	478.3	492.0	497.4	505.6	511.1	516.6	505.6	492.0	481.0	467.4
20°	407.2	407.2	404.5	437.3	472.8	505.6	538.4	543.9	549.4	552.1	557.6
22.5°	440.0	464.6	486.5	483.8	481.0	478.3	475.6	475.6	475.6	472.8	472.8
25°	461.9	453.7	445.5	475.6	502.9	533.0	560.3	565.8	571.2	574.0	579.4
27.5°	475.6	492.0	508.4	502.9	497.4	489.2	483.8	486.5	492.0	494.7	497.4
30°	492.0	489.2	486.5	516.6	543.9	574.0	601.3	604.0	606.8	606.8	609.5
32.5°	541.2	560.3	576.7	590.4	606.8	620.4	634.1	658.7	686.0	710.6	735.2
35°	604.0	625.9	650.5	677.8	705.2	732.5	759.8	765.3	773.5	779.0	784.4
37.5°	645.0	672.4	697.0	727.0	757.1	784.4	814.5	820.0	822.7	828.2	830.9
40°	699.7	724.3	748.9	781.7	814.5	844.6	877.4	882.8	885.6	891.0	893.8
42.5°	768.0	795.4	820.0	852.8	882.8	915.6	945.7	948.4	953.9	956.6	959.3
45°	852.8	888.3	921.1	951.1	978.5	1008.5	1035.9	1038.6	1041.3	1041.3	1044.1
47.5°	937.5	973.0	1011.3	1041.3	1071.4	1098.7	1128.8	1134.3	1137.0	1142.5	1145.2
50°	1038.6	1087.8	1134.3	1161.6	1191.7	1219.0	1246.3	1249.1	1254.5	1257.3	1260.0
52.5°	1167.1	1216.3	1262.7	1290.1	1320.1	1347.5	1374.8	1377.5	1377.5	1380.3	1380.3
55°	1311.9	1361.1	1410.3	1437.7	1465.0	1492.3	1519.6	1519.6	1519.6	1516.9	1516.9
57.5°	1489.6	1536.0	1585.2	1612.6	1639.9	1667.2	1694.6	1694.6	1694.6	1694.6	1694.6
60°	1683.6	1738.3	1793.0	1817.6	1842.2	1866.8	1891.4	1885.9	1877.7	1872.2	1864.0
62.5°	1902.3	1959.7	2014.4	2033.5	2049.9	2069.0	2085.4	2077.2	2066.3	2058.1	2047.2
65°	2107.3	2172.9	2238.5	2252.1	2265.8	2276.7	2290.4	2276.7	2263.1	2246.7	2233.0
67.5°	2315.0	2388.8	2465.3	2470.8	2476.3	2481.7	2487.2	2473.5	2459.9	2443.5	2429.8
70°	2495.4	2588.3	2681.3	2684.0	2686.7	2689.5	2692.2	2678.5	2664.9	2648.5	2634.8
72.5°	2599.3	2694.9	2787.8	2796.0	2801.5	2809.7	2815.2	2801.5	2790.6	2776.9	2763.2
75°	2569.2	2653.9	2735.9	2727.7	2719.5	2708.6	2700.4	2678.5	2656.7	2632.1	2610.2
77.5°	2276.7	2315.0	2356.0	2312.3	2265.8	2222.1	2175.6	2153.7	2129.1	2107.3	2082.7
80°	1642.6	1612.6	1585.2	1503.3	1421.3	1336.5	1254.5	1199.9	1145.2	1090.5	1035.9
82.5°	825.4	740.7	656.0	582.2	508.4	431.8	358.0	330.7	300.7	273.3	243.3
85°	205.0	177.7	150.3	139.4	128.5	117.5	106.6	92.9	82.0	68.3	54.7
87.5°	24.6	21.9	19.1	16.4	16.4	13.7	10.9	10.9	10.9	8.2	8.2
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):

	357.5°	360°
0°	672.4	672.4
2.5°	598.6	595.8
5°	563.0	563.0
7.5°	486.5	481.0
10°	541.2	541.2
12.5°	472.8	475.6
15°	546.6	546.6
17.5°	467.4	464.6
20°	557.6	557.6
22.5°	472.8	472.8
25°	579.4	576.7
27.5°	497.4	497.4
30°	609.5	609.5
32.5°	738.0	740.7
35°	787.2	787.2
37.5°	833.6	833.6
40°	893.8	891.0
42.5°	962.1	962.1
45°	1046.8	1046.8
47.5°	1147.9	1150.7
50°	1260.0	1260.0
52.5°	1380.3	1377.5
55°	1516.9	1516.9
57.5°	1686.4	1675.4
60°	1861.3	1858.6
62.5°	2044.4	2039.0
65°	2230.3	2224.8
67.5°	2427.1	2421.6
70°	2634.8	2632.1
72.5°	2755.0	2746.8
75°	2604.7	2599.3
77.5°	2060.8	2036.2
80°	1022.2	1008.5
82.5°	243.3	243.3
85°	51.9	49.2
87.5°	8.2	8.2
90°	0.0	0.0

(END OF REPORT)