

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: P561350

Luminaire Tested: **SDL-PA1-90-830-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561350
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-PA1-90-830-U-T2R-HSS
Description: Springdale
(1) 80 CRI, 3000K, 1180mA 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: 6616.6 lumens
Efficiency: N/A
Efficacy: 71.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G2

Input Watts (W): 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

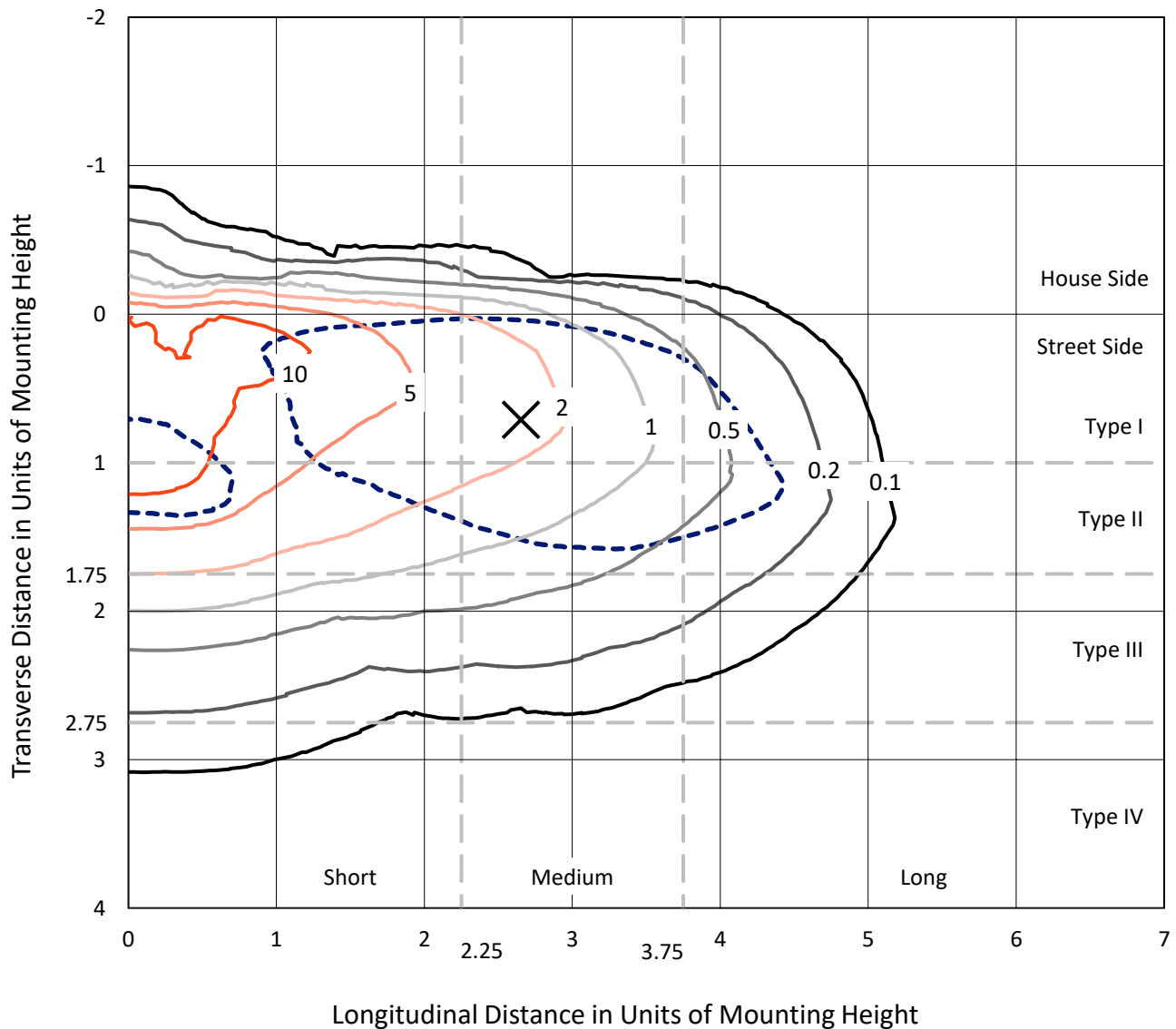


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

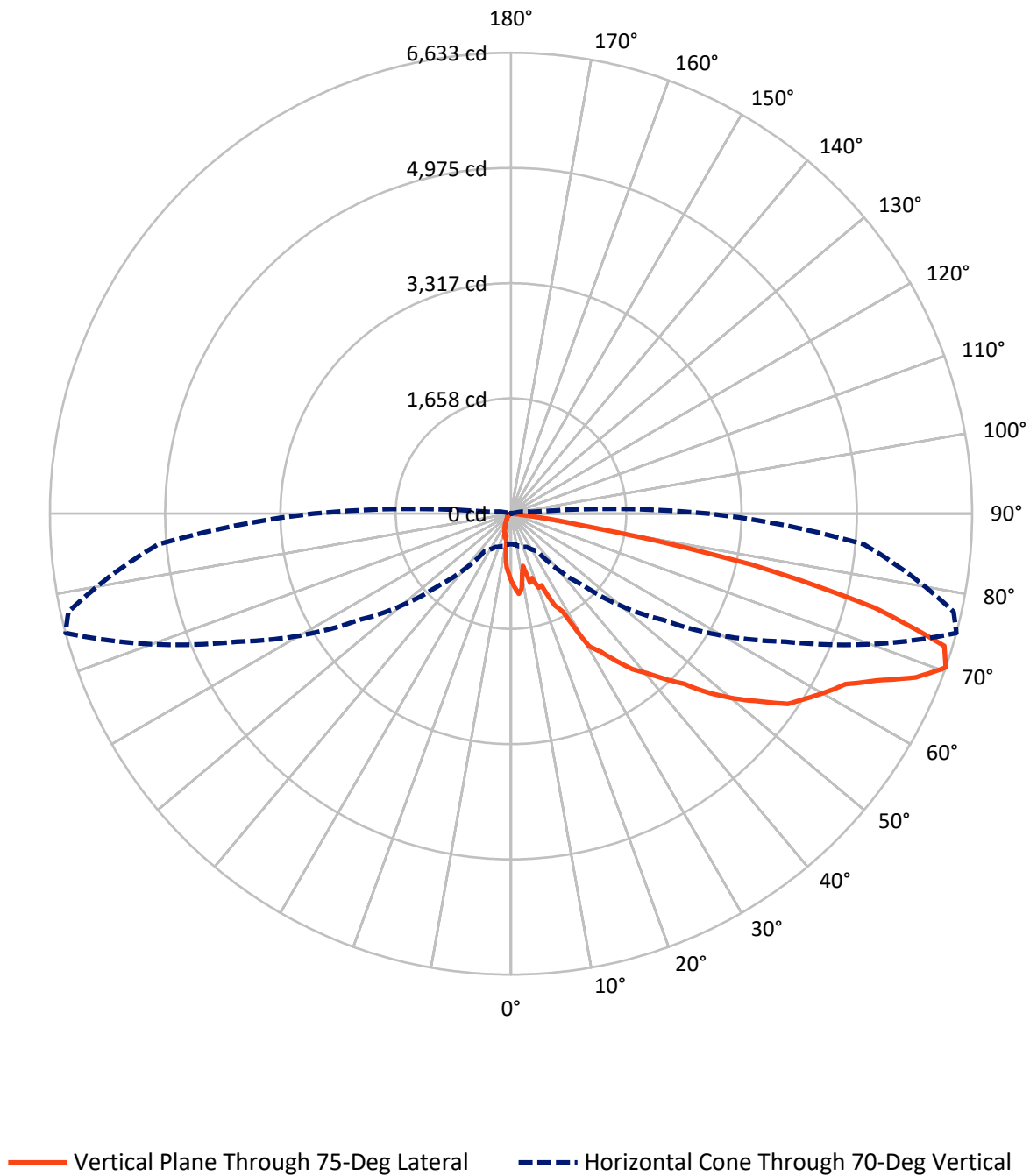


Based on 10 foot mounting height. Maximum calculated value = 18.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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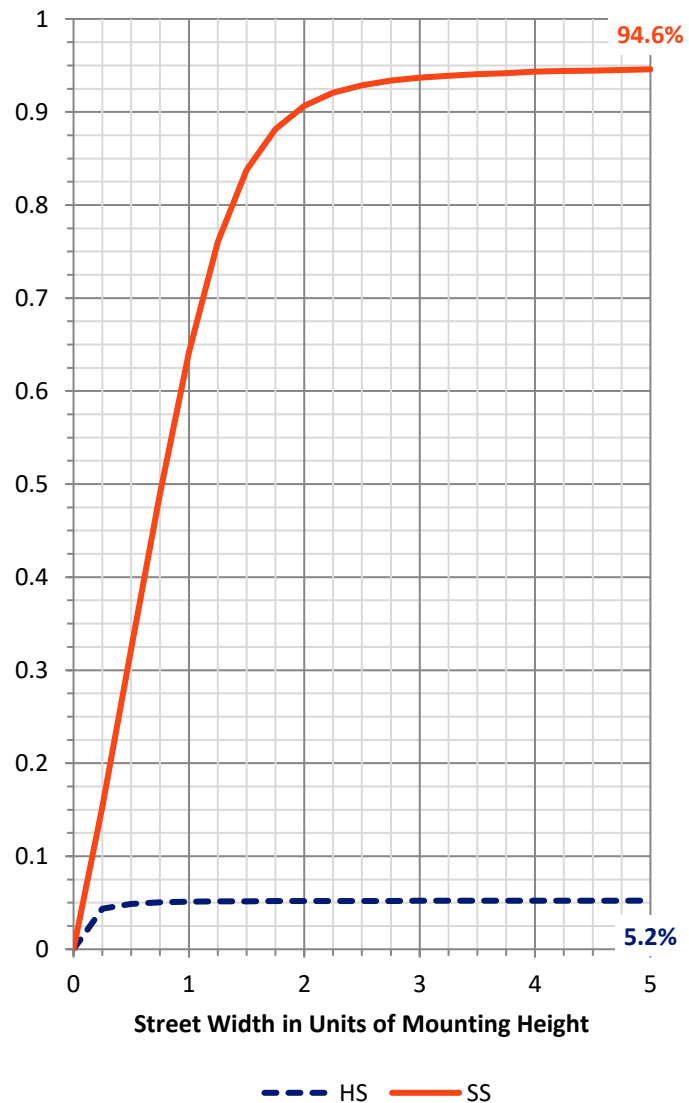
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	349.6	0.0	349.6
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	6267.1	0.0	6267.1
	% Fixture	94.7	0.0	94.7
Total	Lumens	6616.6	0.0	6616.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	1.2
10°-20°	190.9	2.9
20°-30°	362.9	5.5
30°-40°	806.5	12.2
40°-50°	1300.2	19.7
50°-60°	1567.1	23.7
60°-70°	1420.3	21.5
70°-80°	846.4	12.8
80°-90°	45.6	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°	6616.6	100.0
0°-180°	6616.6	100.0

Coefficient of Utilization



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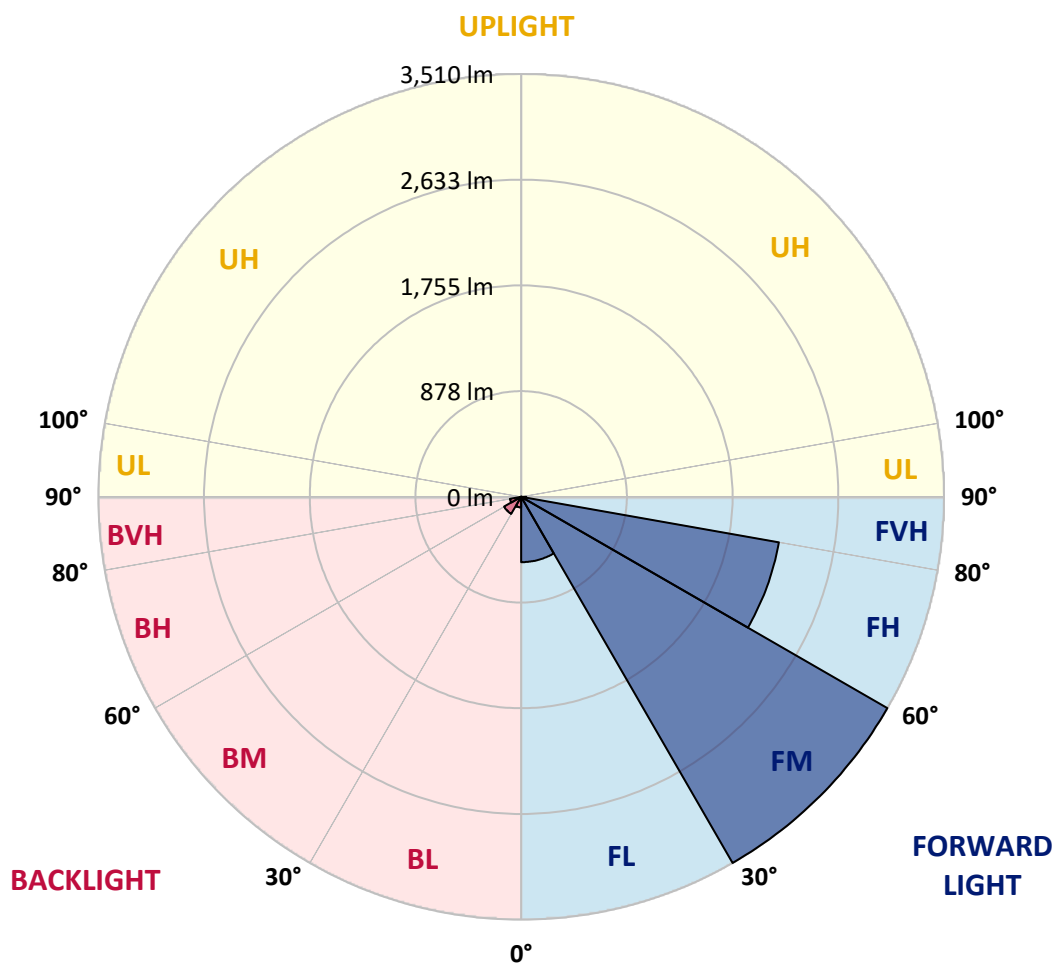
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	542.7	8.2			
FM	(30°-60°)	3510.1	53.1			
FH	(60°-80°)	2172.5	32.8			G2/5000
FVH	(80°-90°)	41.7	0.6			G1/100
BL	(0°-30°)	87.8	1.3	B0/110		
BM	(30°-60°)	163.6	2.5	B0/220		
BH	(60°-80°)	94.2	1.4	B0/110		G0/110
BVH	(80°-90°)	3.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1077.4	1101.1	1124.8	1133.7	1145.5	1154.4	1163.3	1172.1	1181.0	1186.9	1195.8
5°	1225.4	1222.5	1219.5	1216.5	1216.5	1213.6	1210.6	1207.7	1204.7	1198.8	1195.8
7.5°	1074.5	1151.4	1225.4	1228.4	1231.3	1231.3	1234.3	1252.1	1269.8	1284.6	1302.4
10°	1397.1	1397.1	1397.1	1397.1	1397.1	1394.1	1394.1	1397.1	1397.1	1400.1	1400.1
12.5°	1175.1	1192.9	1207.7	1260.9	1311.3	1364.5	1414.8	1426.7	1438.5	1447.4	1459.2
15°	1420.8	1426.7	1432.6	1435.6	1438.5	1438.5	1441.5	1397.1	1352.7	1308.3	1263.9
17.5°	1124.8	1130.7	1133.7	1172.1	1210.6	1249.1	1287.6	1308.3	1332.0	1352.7	1373.4
20°	1441.5	1444.4	1447.4	1450.4	1453.3	1453.3	1456.3	1361.6	1266.9	1172.1	1077.4
22.5°	1204.7	1207.7	1207.7	1216.5	1222.5	1231.3	1237.3	1272.8	1308.3	1343.8	1379.3
25°	1654.6	1654.6	1651.6	1636.8	1625.0	1610.2	1595.4	1506.6	1417.8	1326.1	1237.3
27.5°	1539.2	1542.1	1542.1	1530.3	1518.4	1506.6	1494.8	1512.5	1533.2	1551.0	1568.8
30°	2220.0	2220.0	2220.0	2205.2	2187.4	2172.6	2154.8	2024.6	1894.4	1761.2	1630.9
32.5°	2983.6	2930.3	2874.1	2767.5	2661.0	2551.5	2444.9	2365.0	2285.1	2202.2	2122.3
35°	3324.0	3315.1	3306.2	3267.8	3229.3	3187.9	3149.4	2995.5	2841.5	2684.7	2530.7
37.5°	3611.1	3599.3	3584.5	3554.9	3525.3	3495.7	3466.1	3309.2	3149.4	2992.5	2832.7
40°	3842.0	3833.1	3824.2	3800.6	3776.9	3753.2	3729.5	3560.8	3392.1	3223.4	3054.7
42.5°	4007.8	4007.8	4004.8	3987.0	3966.3	3948.6	3927.8	3759.1	3590.4	3421.7	3253.0
45°	4132.1	4132.1	4132.1	4120.2	4105.4	4093.6	4078.8	3930.8	3785.8	3637.8	3489.8
47.5°	4149.8	4152.8	4155.8	4155.8	4155.8	4155.8	4155.8	4016.6	3880.5	3741.4	3602.2
50°	3987.0	3995.9	4004.8	4019.6	4037.4	4052.2	4067.0	3998.9	3927.8	3859.8	3788.7
52.5°	3551.9	3590.4	3625.9	3664.4	3702.9	3738.4	3776.9	3750.2	3723.6	3697.0	3670.3
55°	2702.4	2726.1	2746.8	2856.3	2965.9	3075.4	3184.9	3232.3	3276.6	3324.0	3368.4
57.5°	2098.6	2107.5	2113.4	2184.4	2255.5	2323.6	2394.6	2513.0	2631.4	2746.8	2865.2
60°	1687.2	1687.2	1687.2	1728.6	1767.1	1808.5	1847.0	1953.6	2060.1	2166.7	2273.2
62.5°	1255.0	1266.9	1278.7	1320.1	1358.6	1400.1	1438.5	1491.8	1545.1	1598.4	1651.6
65°	870.2	885.0	896.9	923.5	953.1	979.7	1006.4	1050.8	1098.1	1142.5	1186.9
67.5°	612.7	618.6	624.5	639.3	651.2	666.0	677.8	707.4	734.1	763.7	790.3
70°	435.1	438.1	438.1	449.9	461.8	473.6	485.4	497.3	509.1	518.0	529.8
72.5°	316.7	319.7	322.6	331.5	337.4	346.3	352.2	358.2	364.1	370.0	375.9
75°	162.8	168.7	171.7	195.4	219.0	242.7	266.4	269.4	272.3	272.3	275.3
77.5°	136.2	139.1	139.1	142.1	145.0	148.0	151.0	165.8	183.5	198.3	213.1
80°	97.7	97.7	94.7	100.6	106.6	112.5	118.4	124.3	130.2	133.2	139.1
82.5°	56.2	59.2	59.2	62.2	65.1	68.1	71.0	77.0	85.8	91.8	97.7
85°	5.9	8.9	11.8	17.8	23.7	29.6	35.5	44.4	50.3	59.2	65.1
87.5°	3.0	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.8	11.8
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1201.7	1207.7	1210.6	1216.5	1213.6	1207.7	1204.7	1198.8	1189.9	1181.0	1169.2
5°	1189.9	1184.0	1178.1	1172.1	1163.3	1157.3	1148.5	1139.6	1127.7	1118.9	1107.0
7.5°	1302.4	1299.4	1299.4	1296.5	1287.6	1281.7	1272.8	1263.9	1249.1	1234.3	1219.5
10°	1334.9	1269.8	1201.7	1136.6	1151.4	1166.2	1181.0	1195.8	1151.4	1107.0	1059.7
12.5°	1429.6	1400.1	1370.5	1340.9	1293.5	1243.2	1195.8	1145.5	1121.8	1095.2	1071.5
15°	1231.3	1201.7	1169.2	1136.6	1157.3	1178.1	1198.8	1219.5	1151.4	1080.4	1012.3
17.5°	1346.8	1317.2	1290.5	1260.9	1178.1	1095.2	1009.3	926.5	997.5	1065.6	1136.6
20°	1101.1	1124.8	1145.5	1169.2	1198.8	1228.4	1255.0	1284.6	1249.1	1213.6	1178.1
22.5°	1332.0	1287.6	1240.2	1192.9	1213.6	1234.3	1252.1	1272.8	1231.3	1189.9	1145.5
25°	1284.6	1334.9	1382.3	1429.6	1355.7	1284.6	1210.6	1136.6	1201.7	1266.9	1332.0
27.5°	1500.7	1432.6	1361.6	1293.5	1355.7	1417.8	1477.0	1539.2	1482.9	1423.7	1367.5
30°	1622.0	1613.2	1601.3	1592.4	1559.9	1530.3	1497.7	1465.2	1482.9	1500.7	1518.4
32.5°	2021.6	1924.0	1823.3	1722.7	1746.4	1770.0	1790.8	1814.4	1787.8	1761.2	1731.6
35°	2400.5	2270.3	2137.1	2006.8	2003.9	1998.0	1995.0	1989.1	1977.2	1965.4	1953.6
37.5°	2684.7	2536.7	2388.7	2240.7	2243.6	2243.6	2246.6	2246.6	2205.2	2163.7	2122.3
40°	2918.5	2782.3	2646.2	2510.0	2498.2	2486.3	2474.5	2462.7	2406.4	2347.2	2291.0
42.5°	3116.8	2983.6	2847.5	2711.3	2690.6	2672.8	2652.1	2631.4	2584.0	2533.7	2486.3
45°	3332.9	3176.0	3019.1	2862.3	2844.5	2826.7	2809.0	2791.2	2752.7	2714.3	2675.8
47.5°	3445.4	3288.5	3128.7	2971.8	2959.9	2945.1	2933.3	2918.5	2897.8	2874.1	2853.4
50°	3605.2	3424.6	3241.1	3057.6	3051.7	3045.8	3036.9	3031.0	3025.1	3022.1	3016.2
52.5°	3531.2	3389.1	3250.0	3107.9	3110.9	3110.9	3113.9	3113.9	3128.7	3143.5	3158.3
55°	3294.4	3223.4	3149.4	3075.4	3090.2	3107.9	3122.7	3137.5	3176.0	3211.5	3250.0
57.5°	2877.1	2888.9	2900.7	2912.6	2965.9	3016.2	3069.5	3119.8	3176.0	3229.3	3285.5
60°	2338.3	2403.5	2465.6	2530.7	2655.1	2779.4	2903.7	3028.0	3113.9	3196.7	3282.6
62.5°	1743.4	1835.2	1926.9	2018.7	2211.1	2406.4	2598.8	2791.2	2921.5	3048.7	3179.0
65°	1272.8	1358.6	1441.5	1527.3	1758.2	1989.1	2220.0	2450.8	2637.3	2820.8	3007.3
67.5°	852.5	914.6	973.8	1036.0	1269.8	1503.6	1737.5	1971.3	2228.8	2486.3	2740.9
70°	562.4	592.0	624.5	654.1	855.4	1053.7	1255.0	1453.3	1758.2	2060.1	2365.0
72.5°	384.8	393.7	402.6	411.4	547.6	683.7	819.9	956.1	1263.9	1571.7	1876.6
75°	275.3	272.3	272.3	269.4	349.3	429.2	506.1	586.1	825.8	1062.6	1302.4
77.5°	210.2	204.2	201.3	195.4	233.8	272.3	310.8	349.3	461.8	577.2	689.7
80°	133.2	127.3	118.4	112.5	127.3	142.1	156.9	171.7	189.4	207.2	225.0
82.5°	97.7	97.7	97.7	97.7	97.7	100.6	100.6	100.6	94.7	88.8	79.9
85°	62.2	59.2	56.2	53.3	47.4	41.4	35.5	29.6	32.6	35.5	35.5
87.5°	11.8	8.9	8.9	5.9	5.9	5.9	5.9	5.9	8.9	8.9	11.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1160.3	1148.5	1136.6	1124.8	1112.9	1101.1	1089.3	1077.4	1065.6	1047.8	1033.0
5°	1095.2	1127.7	1163.3	1195.8	1228.4	1210.6	1192.9	1175.1	1157.3	1127.7	1098.1
7.5°	1204.7	1166.2	1130.7	1095.2	1056.7	1065.6	1074.5	1083.3	1092.2	1065.6	1030.1
10°	1015.3	994.5	973.8	953.1	932.4	920.5	905.7	893.9	879.1	953.1	923.5
12.5°	1044.9	1036.0	1027.1	1015.3	1006.4	947.2	890.9	831.7	772.5	748.9	757.7
15°	941.3	932.4	923.5	914.6	905.7	935.3	967.9	997.5	1027.1	1021.2	1015.3
17.5°	1204.7	1166.2	1130.7	1092.2	1053.7	1036.0	1015.3	997.5	976.8	944.2	935.3
20°	1142.5	1101.1	1059.7	1018.2	976.8	1018.2	1056.7	1098.1	1136.6	1204.7	1184.0
22.5°	1104.1	1172.1	1243.2	1311.3	1379.3	1314.2	1252.1	1186.9	1121.8	1142.5	1041.9
25°	1397.1	1346.8	1299.4	1249.1	1198.8	1263.9	1329.0	1394.1	1459.2	1429.6	1382.3
27.5°	1308.3	1358.6	1406.0	1456.3	1503.6	1527.3	1554.0	1577.6	1601.3	1542.1	1554.0
30°	1536.2	1598.4	1657.6	1719.7	1778.9	1888.4	1995.0	2104.5	2211.1	2187.4	2092.7
32.5°	1704.9	1808.5	1912.1	2012.8	2116.4	2178.5	2243.6	2305.8	2367.9	2373.9	2255.5
35°	1941.7	2012.8	2083.8	2154.8	2225.9	2320.6	2412.3	2507.1	2598.8	2545.5	2412.3
37.5°	2080.8	2154.8	2231.8	2305.8	2379.8	2495.2	2610.7	2723.1	2838.6	2723.1	2578.1
40°	2231.8	2311.7	2394.6	2474.5	2554.4	2672.8	2788.3	2906.7	3022.1	3016.2	2817.9
42.5°	2436.0	2515.9	2598.8	2678.7	2758.7	2883.0	3007.3	3128.7	3253.0	3250.0	3025.1
45°	2637.3	2711.3	2782.3	2856.3	2927.4	3069.5	3211.5	3353.6	3495.7	3510.5	3255.9
47.5°	2829.7	2894.8	2959.9	3025.1	3090.2	3285.5	3477.9	3673.3	3865.7	3773.9	3498.6
50°	3010.3	3075.4	3140.5	3205.6	3270.7	3498.6	3729.5	3957.4	4185.4	4064.0	3768.0
52.5°	3173.1	3253.0	3335.8	3415.8	3495.7	3744.3	3993.0	4241.6	4490.2	4365.9	4061.0
55°	3285.5	3398.0	3507.5	3620.0	3729.5	4004.8	4283.0	4558.3	4833.6	4691.5	4339.3
57.5°	3338.8	3472.0	3608.2	3741.4	3874.6	4158.7	4445.8	4730.0	5014.1	4872.1	4510.9
60°	3365.4	3519.4	3673.3	3824.2	3978.2	4286.0	4596.8	4904.6	5212.4	5091.1	4724.1
62.5°	3306.2	3501.6	3699.9	3895.3	4090.6	4419.2	4747.7	5073.3	5401.9	5322.0	4972.7
65°	3190.8	3448.3	3708.8	3966.3	4223.8	4614.5	5005.3	5393.0	5783.7	5697.9	5348.6
67.5°	2998.4	3335.8	3673.3	4010.7	4348.1	4833.6	5316.0	5801.5	6283.9	6198.1	5798.5
70°	2666.9	3090.2	3513.4	3933.8	4357.0	4925.3	5496.6	6064.9	6633.2	6520.7	6047.2
72.5°	2184.4	2661.0	3137.5	3611.1	4087.7	4694.5	5304.2	5911.0	6517.8	6304.7	5766.0
75°	1539.2	1974.3	2409.4	2841.5	3276.6	3809.4	4342.2	4872.1	5404.8	5132.5	4605.7
77.5°	802.1	1071.5	1337.9	1607.2	1873.6	2291.0	2705.4	3122.7	3537.1	3048.7	2652.1
80°	242.7	355.2	464.7	577.2	686.7	784.4	882.1	976.8	1074.5	799.2	663.0
82.5°	74.0	97.7	118.4	142.1	162.8	162.8	162.8	159.8	159.8	127.3	106.6
85°	38.5	41.4	41.4	44.4	44.4	44.4	41.4	41.4	38.5	38.5	32.6
87.5°	11.8	11.8	14.8	14.8	14.8	14.8	14.8	11.8	11.8	11.8	11.8
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1021.2	1006.4	991.6	973.8	956.1	938.3	920.5	902.8	885.0	867.3	852.5
5°	1071.5	1041.9	1012.3	979.7	944.2	908.7	876.1	843.6	808.1	775.5	745.9
7.5°	994.5	959.0	914.6	870.2	825.8	781.4	734.1	689.7	642.3	594.9	556.5
10°	890.9	861.3	814.0	763.7	710.4	654.1	592.0	529.8	467.7	405.5	378.9
12.5°	763.7	772.5	722.2	671.9	615.7	559.4	500.2	441.0	378.9	319.7	301.9
15°	1009.3	1003.4	938.3	873.2	787.3	701.5	615.7	526.9	441.0	352.2	307.8
17.5°	923.5	914.6	843.6	772.5	695.6	618.6	538.7	455.8	375.9	293.0	251.6
20°	1166.2	1145.5	1056.7	964.9	852.5	737.0	624.5	512.1	399.6	287.1	239.8
22.5°	941.3	840.6	769.6	698.5	609.7	518.0	444.0	367.0	293.0	216.1	186.5
25°	1332.0	1284.6	1163.3	1038.9	882.1	725.2	597.9	470.6	343.4	216.1	180.6
27.5°	1565.8	1577.6	1411.9	1246.1	1047.8	849.5	683.7	518.0	352.2	186.5	159.8
30°	1998.0	1903.2	1707.9	1509.6	1231.3	950.1	754.8	559.4	364.1	168.7	145.0
32.5°	2140.0	2021.6	1799.6	1574.7	1249.1	920.5	725.2	529.8	331.5	136.2	121.4
35°	2282.1	2148.9	1894.4	1639.8	1266.9	890.9	695.6	503.2	307.8	112.5	103.6
37.5°	2433.1	2288.0	2003.9	1716.8	1284.6	852.5	666.0	476.5	290.1	100.6	91.8
40°	2622.5	2424.2	2110.4	1793.7	1302.4	811.0	630.5	452.9	272.3	91.8	82.9
42.5°	2803.1	2578.1	2228.8	1876.6	1323.1	769.6	597.9	429.2	257.5	85.8	77.0
45°	3004.3	2749.8	2370.9	1989.1	1352.7	716.3	556.5	396.6	236.8	77.0	68.1
47.5°	3223.4	2948.1	2524.8	2101.6	1382.3	663.0	515.0	370.0	222.0	74.0	65.1
50°	3472.0	3176.0	2711.3	2243.6	1441.5	636.4	494.3	352.2	210.2	68.1	59.2
52.5°	3759.1	3454.2	2933.3	2409.4	1512.5	612.7	476.5	337.4	201.3	62.2	53.3
55°	3990.0	3637.8	3060.6	2480.4	1527.3	571.3	444.0	313.8	186.5	56.2	50.3
57.5°	4152.8	3791.7	3181.9	2572.2	1554.0	532.8	411.4	293.0	171.7	50.3	44.4
60°	4354.1	3987.0	3332.9	2675.8	1586.5	497.3	384.8	272.3	156.9	44.4	38.5
62.5°	4623.4	4274.1	3549.0	2820.8	1639.8	455.8	352.2	248.6	142.1	38.5	35.5
65°	4996.4	4647.1	3803.5	2959.9	1690.1	417.4	322.6	227.9	130.2	35.5	32.6
67.5°	5396.0	4996.4	4004.8	3010.3	1690.1	370.0	287.1	201.3	118.4	32.6	29.6
70°	5573.6	5100.0	3972.2	2841.5	1568.8	296.0	230.9	162.8	97.7	29.6	26.6
72.5°	5230.2	4691.5	3531.2	2370.9	1278.7	186.5	145.0	106.6	65.1	23.7	20.7
75°	4075.8	3549.0	2634.3	1716.8	905.7	91.8	74.0	56.2	35.5	17.8	14.8
77.5°	2258.4	1861.8	1352.7	843.6	449.9	53.3	44.4	35.5	23.7	14.8	14.8
80°	529.8	393.7	287.1	177.6	106.6	32.6	26.6	23.7	17.8	11.8	11.8
82.5°	85.8	65.1	47.4	29.6	23.7	17.8	14.8	14.8	11.8	8.9	8.9
85°	26.6	20.7	17.8	11.8	11.8	8.9	8.9	8.9	5.9	5.9	5.9
87.5°	8.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	834.7	819.9	802.1	790.3	778.5	763.7	751.8	740.0	728.1	716.3	704.5
5°	716.3	683.7	654.1	615.7	574.2	535.7	494.3	476.5	461.8	444.0	426.2
7.5°	518.0	479.5	441.0	426.2	411.4	393.7	378.9	364.1	349.3	334.5	319.7
10°	355.2	328.6	301.9	290.1	278.2	263.4	251.6	239.8	227.9	213.1	201.3
12.5°	284.2	263.4	245.7	225.0	204.2	183.5	162.8	156.9	151.0	142.1	136.2
15°	260.5	216.1	168.7	153.9	142.1	127.3	112.5	109.5	109.5	106.6	103.6
17.5°	210.2	168.7	127.3	121.4	112.5	106.6	97.7	91.8	85.8	79.9	74.0
20°	192.4	145.0	97.7	94.7	91.8	85.8	82.9	79.9	79.9	77.0	74.0
22.5°	159.8	130.2	100.6	91.8	82.9	74.0	65.1	65.1	68.1	68.1	68.1
25°	145.0	109.5	74.0	74.0	71.0	71.0	68.1	65.1	59.2	56.2	50.3
27.5°	133.2	106.6	79.9	74.0	68.1	62.2	56.2	56.2	53.3	53.3	50.3
30°	124.3	100.6	77.0	71.0	68.1	62.2	56.2	53.3	50.3	44.4	41.4
32.5°	109.5	94.7	79.9	74.0	65.1	59.2	50.3	47.4	44.4	38.5	35.5
35°	94.7	82.9	74.0	68.1	59.2	53.3	44.4	41.4	38.5	35.5	32.6
37.5°	82.9	74.0	65.1	59.2	53.3	44.4	38.5	35.5	32.6	29.6	26.6
40°	74.0	65.1	56.2	50.3	44.4	38.5	32.6	29.6	29.6	26.6	23.7
42.5°	68.1	59.2	50.3	44.4	41.4	35.5	29.6	26.6	23.7	20.7	17.8
45°	62.2	53.3	44.4	41.4	35.5	32.6	26.6	23.7	20.7	17.8	14.8
47.5°	56.2	47.4	38.5	35.5	32.6	26.6	23.7	20.7	17.8	14.8	11.8
50°	53.3	44.4	35.5	32.6	29.6	23.7	20.7	17.8	17.8	14.8	11.8
52.5°	47.4	38.5	29.6	26.6	23.7	20.7	17.8	14.8	14.8	11.8	8.9
55°	41.4	35.5	26.6	23.7	20.7	17.8	14.8	11.8	11.8	8.9	5.9
57.5°	38.5	29.6	23.7	20.7	17.8	14.8	11.8	11.8	8.9	8.9	5.9
60°	32.6	26.6	20.7	17.8	14.8	11.8	8.9	8.9	5.9	5.9	3.0
62.5°	29.6	26.6	20.7	17.8	14.8	11.8	8.9	8.9	5.9	5.9	3.0
65°	26.6	23.7	17.8	14.8	14.8	11.8	8.9	8.9	5.9	5.9	3.0
67.5°	26.6	20.7	17.8	14.8	11.8	8.9	5.9	5.9	5.9	3.0	3.0
70°	20.7	17.8	11.8	11.8	8.9	8.9	5.9	5.9	5.9	3.0	3.0
72.5°	17.8	14.8	11.8	11.8	8.9	8.9	5.9	5.9	5.9	3.0	3.0
75°	14.8	11.8	8.9	8.9	8.9	5.9	5.9	5.9	5.9	3.0	3.0
77.5°	11.8	11.8	8.9	8.9	8.9	5.9	5.9	5.9	5.9	3.0	3.0
80°	8.9	8.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0
82.5°	8.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0
85°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0
87.5°	5.9	5.9	5.9	5.9	8.9	8.9	8.9	8.9	5.9	5.9	3.0
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	692.6	677.8	666.0	651.2	630.5	606.8	586.1	562.4	559.4	556.5	550.5
5°	417.4	408.5	399.6	390.7	384.8	378.9	373.0	367.0	361.1	358.2	352.2
7.5°	307.8	296.0	284.2	272.3	263.4	257.5	248.6	239.8	233.8	225.0	219.0
10°	189.4	174.6	162.8	148.0	153.9	159.8	162.8	168.7	168.7	165.8	165.8
12.5°	136.2	136.2	136.2	136.2	136.2	136.2	133.2	133.2	133.2	130.2	130.2
15°	100.6	97.7	94.7	91.8	91.8	91.8	88.8	88.8	94.7	97.7	103.6
17.5°	77.0	79.9	79.9	82.9	85.8	88.8	88.8	91.8	91.8	94.7	94.7
20°	74.0	74.0	71.0	71.0	68.1	68.1	65.1	62.2	65.1	71.0	74.0
22.5°	65.1	59.2	56.2	50.3	53.3	59.2	62.2	65.1	65.1	65.1	65.1
25°	53.3	53.3	56.2	56.2	53.3	50.3	47.4	44.4	47.4	50.3	50.3
27.5°	47.4	44.4	41.4	38.5	41.4	41.4	44.4	44.4	44.4	44.4	41.4
30°	41.4	41.4	38.5	38.5	38.5	35.5	35.5	32.6	35.5	35.5	38.5
32.5°	35.5	32.6	32.6	29.6	29.6	32.6	32.6	32.6	32.6	32.6	32.6
35°	32.6	29.6	29.6	26.6	26.6	26.6	26.6	26.6	29.6	29.6	32.6
37.5°	26.6	23.7	23.7	20.7	20.7	23.7	23.7	23.7	23.7	26.6	26.6
40°	23.7	20.7	20.7	17.8	17.8	20.7	20.7	20.7	20.7	23.7	23.7
42.5°	17.8	17.8	14.8	14.8	14.8	17.8	17.8	17.8	17.8	20.7	20.7
45°	14.8	14.8	11.8	11.8	11.8	14.8	14.8	14.8	14.8	14.8	14.8
47.5°	11.8	11.8	8.9	8.9	8.9	11.8	11.8	11.8	11.8	11.8	11.8
50°	11.8	8.9	8.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9
52.5°	8.9	8.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
55°	5.9	5.9	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0
57.5°	5.9	5.9	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0
60°	3.0	3.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0
62.5°	3.0	3.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9
65°	3.0	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	8.9	5.9
67.5°	3.0	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	5.9	5.9
70°	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	5.9
72.5°	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	5.9
75°	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9
77.5°	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9
80°	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9
82.5°	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9
85°	5.9	8.9	8.9	11.8	11.8	11.8	8.9	8.9	8.9	8.9	5.9
87.5°	5.9	8.9	8.9	11.8	11.8	11.8	8.9	8.9	8.9	8.9	5.9
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	547.6	541.7	535.7	526.9	520.9	526.9	532.8	526.9	520.9	526.9	535.7
5°	346.3	343.4	343.4	340.4	337.4	337.4	334.5	337.4	337.4	340.4	343.4
7.5°	210.2	207.2	204.2	198.3	195.4	201.3	204.2	201.3	195.4	198.3	204.2
10°	162.8	162.8	159.8	159.8	156.9	156.9	156.9	156.9	156.9	159.8	159.8
12.5°	127.3	124.3	121.4	118.4	115.4	121.4	124.3	121.4	115.4	118.4	121.4
15°	106.6	106.6	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
17.5°	94.7	91.8	91.8	88.8	85.8	85.8	82.9	85.8	85.8	88.8	91.8
20°	77.0	77.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
22.5°	65.1	62.2	62.2	59.2	56.2	56.2	53.3	56.2	56.2	59.2	62.2
25°	53.3	53.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
27.5°	41.4	41.4	41.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	41.4
30°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
32.5°	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
35°	32.6	32.6	32.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	32.6
37.5°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
40°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
42.5°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
45°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
47.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
50°	8.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	8.9
52.5°	5.9	5.9	5.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.9
55°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
57.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
60°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
62.5°	5.9	5.9	5.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.9
65°	5.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
67.5°	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
70°	5.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
72.5°	5.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
75°	5.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
77.5°	5.9	5.9	5.9	3.0	3.0	3.0	0.0	3.0	3.0	3.0	5.9
80°	5.9	5.9	5.9	3.0	3.0	3.0	0.0	3.0	3.0	3.0	5.9
82.5°	5.9	5.9	5.9	3.0	3.0	3.0	0.0	3.0	3.0	3.0	5.9
85°	5.9	5.9	5.9	3.0	3.0	3.0	0.0	3.0	3.0	3.0	5.9
87.5°	5.9	5.9	5.9	3.0	3.0	3.0	0.0	3.0	3.0	3.0	5.9
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	541.7	547.6	550.5	556.5	559.4	562.4	586.1	606.8	630.5	651.2	666.0
5°	343.4	346.3	352.2	358.2	361.1	367.0	373.0	378.9	384.8	390.7	399.6
7.5°	207.2	210.2	219.0	225.0	233.8	239.8	248.6	257.5	263.4	272.3	284.2
10°	162.8	162.8	165.8	165.8	168.7	168.7	162.8	159.8	153.9	148.0	162.8
12.5°	124.3	127.3	130.2	130.2	133.2	133.2	133.2	136.2	136.2	136.2	136.2
15°	106.6	106.6	103.6	97.7	94.7	88.8	88.8	91.8	91.8	91.8	94.7
17.5°	91.8	94.7	94.7	94.7	91.8	91.8	88.8	88.8	85.8	82.9	79.9
20°	77.0	77.0	74.0	71.0	65.1	62.2	65.1	68.1	68.1	71.0	71.0
22.5°	62.2	65.1	65.1	65.1	65.1	65.1	62.2	59.2	53.3	50.3	56.2
25°	53.3	53.3	50.3	50.3	47.4	44.4	47.4	50.3	53.3	56.2	56.2
27.5°	41.4	41.4	41.4	44.4	44.4	44.4	44.4	41.4	41.4	38.5	41.4
30°	38.5	38.5	38.5	35.5	35.5	32.6	35.5	35.5	38.5	38.5	38.5
32.5°	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	29.6	29.6	32.6
35°	32.6	32.6	32.6	29.6	29.6	26.6	26.6	26.6	26.6	26.6	29.6
37.5°	26.6	26.6	26.6	26.6	23.7	23.7	23.7	23.7	20.7	20.7	23.7
40°	23.7	23.7	23.7	23.7	20.7	20.7	20.7	20.7	17.8	17.8	20.7
42.5°	20.7	20.7	20.7	20.7	17.8	17.8	17.8	17.8	14.8	14.8	14.8
45°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	11.8	11.8	11.8
47.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	8.9	8.9	8.9
50°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	8.9
52.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
55°	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0
57.5°	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0
60°	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0
62.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0
65°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	5.9	5.9	3.0	3.0
67.5°	3.0	3.0	5.9	5.9	8.9	8.9	8.9	5.9	5.9	3.0	3.0
70°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9
72.5°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9
75°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
77.5°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
80°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
82.5°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
85°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	11.8	11.8	11.8	8.9
87.5°	5.9	5.9	5.9	8.9	8.9	8.9	8.9	11.8	11.8	11.8	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	677.8	692.6	704.5	716.3	728.1	740.0	751.8	763.7	778.5	790.3	802.1
5°	408.5	417.4	426.2	444.0	461.8	476.5	494.3	535.7	574.2	615.7	654.1
7.5°	296.0	307.8	319.7	334.5	349.3	364.1	378.9	393.7	411.4	426.2	441.0
10°	174.6	189.4	201.3	213.1	227.9	239.8	251.6	263.4	278.2	290.1	301.9
12.5°	136.2	136.2	136.2	142.1	151.0	156.9	162.8	183.5	204.2	225.0	245.7
15°	97.7	100.6	103.6	106.6	109.5	109.5	112.5	127.3	142.1	153.9	168.7
17.5°	79.9	77.0	74.0	79.9	85.8	91.8	97.7	106.6	112.5	121.4	127.3
20°	74.0	74.0	74.0	77.0	79.9	79.9	82.9	85.8	91.8	94.7	97.7
22.5°	59.2	65.1	68.1	68.1	68.1	65.1	65.1	74.0	82.9	91.8	100.6
25°	53.3	53.3	50.3	56.2	59.2	65.1	68.1	71.0	71.0	74.0	74.0
27.5°	44.4	47.4	50.3	53.3	53.3	56.2	56.2	62.2	68.1	74.0	79.9
30°	41.4	41.4	41.4	44.4	50.3	53.3	56.2	62.2	68.1	71.0	77.0
32.5°	32.6	35.5	35.5	38.5	44.4	47.4	50.3	59.2	65.1	74.0	79.9
35°	29.6	32.6	32.6	35.5	38.5	41.4	44.4	53.3	59.2	68.1	74.0
37.5°	23.7	26.6	26.6	29.6	32.6	35.5	38.5	44.4	53.3	59.2	65.1
40°	20.7	23.7	23.7	26.6	29.6	29.6	32.6	38.5	44.4	50.3	56.2
42.5°	17.8	17.8	17.8	20.7	23.7	26.6	29.6	35.5	41.4	44.4	50.3
45°	14.8	14.8	14.8	17.8	20.7	23.7	26.6	32.6	35.5	41.4	44.4
47.5°	11.8	11.8	11.8	14.8	17.8	20.7	23.7	26.6	32.6	35.5	38.5
50°	8.9	11.8	11.8	14.8	17.8	17.8	20.7	23.7	29.6	32.6	35.5
52.5°	8.9	8.9	8.9	11.8	14.8	14.8	17.8	20.7	23.7	26.6	29.6
55°	5.9	5.9	5.9	8.9	11.8	11.8	14.8	17.8	20.7	23.7	26.6
57.5°	5.9	5.9	5.9	8.9	8.9	11.8	11.8	14.8	17.8	20.7	23.7
60°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	11.8	14.8	17.8	20.7
62.5°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	11.8	14.8	17.8	20.7
65°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	11.8	14.8	14.8	17.8
67.5°	3.0	3.0	3.0	3.0	5.9	5.9	5.9	8.9	11.8	14.8	17.8
70°	5.9	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.8	11.8
72.5°	5.9	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.8	11.8
75°	5.9	5.9	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9
77.5°	5.9	5.9	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9
80°	5.9	5.9	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
82.5°	5.9	5.9	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	8.9	5.9	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
87.5°	8.9	5.9	3.0	5.9	5.9	8.9	8.9	8.9	8.9	5.9	5.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	819.9	834.7	852.5	867.3	885.0	902.8	920.5	938.3	956.1	973.8	991.6
5°	683.7	716.3	745.9	775.5	808.1	843.6	876.1	908.7	944.2	979.7	1012.3
7.5°	479.5	518.0	556.5	594.9	642.3	689.7	734.1	781.4	825.8	870.2	914.6
10°	328.6	355.2	378.9	405.5	467.7	529.8	592.0	654.1	710.4	763.7	814.0
12.5°	263.4	284.2	301.9	319.7	378.9	441.0	500.2	559.4	615.7	671.9	722.2
15°	216.1	260.5	307.8	352.2	441.0	526.9	615.7	701.5	787.3	873.2	938.3
17.5°	168.7	210.2	251.6	293.0	375.9	455.8	538.7	618.6	695.6	772.5	843.6
20°	145.0	192.4	239.8	287.1	399.6	512.1	624.5	737.0	852.5	964.9	1056.7
22.5°	130.2	159.8	186.5	216.1	293.0	367.0	444.0	518.0	609.7	698.5	769.6
25°	109.5	145.0	180.6	216.1	343.4	470.6	597.9	725.2	882.1	1038.9	1163.3
27.5°	106.6	133.2	159.8	186.5	352.2	518.0	683.7	849.5	1047.8	1246.1	1411.9
30°	100.6	124.3	145.0	168.7	364.1	559.4	754.8	950.1	1231.3	1509.6	1707.9
32.5°	94.7	109.5	121.4	136.2	331.5	529.8	725.2	920.5	1249.1	1574.7	1799.6
35°	82.9	94.7	103.6	112.5	307.8	503.2	695.6	890.9	1266.9	1639.8	1894.4
37.5°	74.0	82.9	91.8	100.6	290.1	476.5	666.0	852.5	1284.6	1716.8	2003.9
40°	65.1	74.0	82.9	91.8	272.3	452.9	630.5	811.0	1302.4	1793.7	2110.4
42.5°	59.2	68.1	77.0	85.8	257.5	429.2	597.9	769.6	1323.1	1876.6	2228.8
45°	53.3	62.2	68.1	77.0	236.8	396.6	556.5	716.3	1352.7	1989.1	2370.9
47.5°	47.4	56.2	65.1	74.0	222.0	370.0	515.0	663.0	1382.3	2101.6	2524.8
50°	44.4	53.3	59.2	68.1	210.2	352.2	494.3	636.4	1441.5	2243.6	2711.3
52.5°	38.5	47.4	53.3	62.2	201.3	337.4	476.5	612.7	1512.5	2409.4	2933.3
55°	35.5	41.4	50.3	56.2	186.5	313.8	444.0	571.3	1527.3	2480.4	3060.6
57.5°	29.6	38.5	44.4	50.3	171.7	293.0	411.4	532.8	1554.0	2572.2	3181.9
60°	26.6	32.6	38.5	44.4	156.9	272.3	384.8	497.3	1586.5	2675.8	3332.9
62.5°	26.6	29.6	35.5	38.5	142.1	248.6	352.2	455.8	1639.8	2820.8	3549.0
65°	23.7	26.6	32.6	35.5	130.2	227.9	322.6	417.4	1690.1	2959.9	3803.5
67.5°	20.7	26.6	29.6	32.6	118.4	201.3	287.1	370.0	1690.1	3010.3	4004.8
70°	17.8	20.7	26.6	29.6	97.7	162.8	230.9	296.0	1568.8	2841.5	3972.2
72.5°	14.8	17.8	20.7	23.7	65.1	106.6	145.0	186.5	1278.7	2370.9	3531.2
75°	11.8	14.8	14.8	17.8	35.5	56.2	74.0	91.8	905.7	1716.8	2634.3
77.5°	11.8	11.8	14.8	14.8	23.7	35.5	44.4	53.3	449.9	843.6	1352.7
80°	8.9	8.9	11.8	11.8	17.8	23.7	26.6	32.6	106.6	177.6	287.1
82.5°	5.9	8.9	8.9	8.9	11.8	14.8	14.8	17.8	23.7	29.6	47.4
85°	5.9	5.9	5.9	5.9	5.9	8.9	8.9	8.9	11.8	11.8	17.8
87.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	8.9
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1006.4	1021.2	1033.0	1047.8	1065.6	1077.4	1089.3	1101.1	1112.9	1124.8	1136.6
5°	1041.9	1071.5	1098.1	1127.7	1157.3	1175.1	1192.9	1210.6	1228.4	1195.8	1163.3
7.5°	959.0	994.5	1030.1	1065.6	1092.2	1083.3	1074.5	1065.6	1056.7	1095.2	1130.7
10°	861.3	890.9	923.5	953.1	879.1	893.9	905.7	920.5	932.4	953.1	973.8
12.5°	772.5	763.7	757.7	748.9	772.5	831.7	890.9	947.2	1006.4	1015.3	1027.1
15°	1003.4	1009.3	1015.3	1021.2	1027.1	997.5	967.9	935.3	905.7	914.6	923.5
17.5°	914.6	923.5	935.3	944.2	976.8	997.5	1015.3	1036.0	1053.7	1092.2	1130.7
20°	1145.5	1166.2	1184.0	1204.7	1136.6	1098.1	1056.7	1018.2	976.8	1018.2	1059.7
22.5°	840.6	941.3	1041.9	1142.5	1121.8	1186.9	1252.1	1314.2	1379.3	1311.3	1243.2
25°	1284.6	1332.0	1382.3	1429.6	1459.2	1394.1	1329.0	1263.9	1198.8	1249.1	1299.4
27.5°	1577.6	1565.8	1554.0	1542.1	1601.3	1577.6	1554.0	1527.3	1503.6	1456.3	1406.0
30°	1903.2	1998.0	2092.7	2187.4	2211.1	2104.5	1995.0	1888.4	1778.9	1719.7	1657.6
32.5°	2021.6	2140.0	2255.5	2373.9	2367.9	2305.8	2243.6	2178.5	2116.4	2012.8	1912.1
35°	2148.9	2282.1	2412.3	2545.5	2598.8	2507.1	2412.3	2320.6	2225.9	2154.8	2083.8
37.5°	2288.0	2433.1	2578.1	2723.1	2838.6	2723.1	2610.7	2495.2	2379.8	2305.8	2231.8
40°	2424.2	2622.5	2817.9	3016.2	3022.1	2906.7	2788.3	2672.8	2554.4	2474.5	2394.6
42.5°	2578.1	2803.1	3025.1	3250.0	3253.0	3128.7	3007.3	2883.0	2758.7	2678.7	2598.8
45°	2749.8	3004.3	3255.9	3510.5	3495.7	3353.6	3211.5	3069.5	2927.4	2856.3	2782.3
47.5°	2948.1	3223.4	3498.6	3773.9	3865.7	3673.3	3477.9	3285.5	3090.2	3025.1	2959.9
50°	3176.0	3472.0	3768.0	4064.0	4185.4	3957.4	3729.5	3498.6	3270.7	3205.6	3140.5
52.5°	3454.2	3759.1	4061.0	4365.9	4490.2	4241.6	3993.0	3744.3	3495.7	3415.8	3335.8
55°	3637.8	3990.0	4339.3	4691.5	4833.6	4558.3	4283.0	4004.8	3729.5	3620.0	3507.5
57.5°	3791.7	4152.8	4510.9	4872.1	5014.1	4730.0	4445.8	4158.7	3874.6	3741.4	3608.2
60°	3987.0	4354.1	4724.1	5091.1	5212.4	4904.6	4596.8	4286.0	3978.2	3824.2	3673.3
62.5°	4274.1	4623.4	4972.7	5322.0	5401.9	5073.3	4747.7	4419.2	4090.6	3895.3	3699.9
65°	4647.1	4996.4	5348.6	5697.9	5783.7	5393.0	5005.3	4614.5	4223.8	3966.3	3708.8
67.5°	4996.4	5396.0	5798.5	6198.1	6283.9	5801.5	5316.0	4833.6	4348.1	4010.7	3673.3
70°	5100.0	5573.6	6047.2	6520.7	6633.2	6064.9	5496.6	4925.3	4357.0	3933.8	3513.4
72.5°	4691.5	5230.2	5766.0	6304.7	6517.8	5911.0	5304.2	4694.5	4087.7	3611.1	3137.5
75°	3549.0	4075.8	4605.7	5132.5	5404.8	4872.1	4342.2	3809.4	3276.6	2841.5	2409.4
77.5°	1861.8	2258.4	2652.1	3048.7	3537.1	3122.7	2705.4	2291.0	1873.6	1607.2	1337.9
80°	393.7	529.8	663.0	799.2	1074.5	976.8	882.1	784.4	686.7	577.2	464.7
82.5°	65.1	85.8	106.6	127.3	159.8	159.8	162.8	162.8	162.8	142.1	118.4
85°	20.7	26.6	32.6	38.5	38.5	41.4	41.4	44.4	44.4	44.4	41.4
87.5°	8.9	8.9	11.8	11.8	11.8	11.8	14.8	14.8	14.8	14.8	14.8
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: P561350

CATALOG NUMBER: SDL-PA1-90-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1148.5	1160.3	1169.2	1181.0	1189.9	1198.8	1204.7	1207.7	1213.6	1216.5	1210.6
5°	1127.7	1095.2	1107.0	1118.9	1127.7	1139.6	1148.5	1157.3	1163.3	1172.1	1178.1
7.5°	1169.2	1204.7	1219.5	1234.3	1249.1	1263.9	1272.8	1281.7	1287.6	1296.5	1299.4
10°	994.5	1015.3	1059.7	1107.0	1151.4	1195.8	1181.0	1166.2	1151.4	1136.6	1201.7
12.5°	1036.0	1044.9	1071.5	1095.2	1121.8	1145.5	1195.8	1243.2	1293.5	1340.9	1370.5
15°	932.4	941.3	1012.3	1080.4	1151.4	1219.5	1198.8	1178.1	1157.3	1136.6	1169.2
17.5°	1166.2	1204.7	1136.6	1065.6	997.5	926.5	1009.3	1095.2	1178.1	1260.9	1290.5
20°	1101.1	1142.5	1178.1	1213.6	1249.1	1284.6	1255.0	1228.4	1198.8	1169.2	1145.5
22.5°	1172.1	1104.1	1145.5	1189.9	1231.3	1272.8	1252.1	1234.3	1213.6	1192.9	1240.2
25°	1346.8	1397.1	1332.0	1266.9	1201.7	1136.6	1210.6	1284.6	1355.7	1429.6	1382.3
27.5°	1358.6	1308.3	1367.5	1423.7	1482.9	1539.2	1477.0	1417.8	1355.7	1293.5	1361.6
30°	1598.4	1536.2	1518.4	1500.7	1482.9	1465.2	1497.7	1530.3	1559.9	1592.4	1601.3
32.5°	1808.5	1704.9	1731.6	1761.2	1787.8	1814.4	1790.8	1770.0	1746.4	1722.7	1823.3
35°	2012.8	1941.7	1953.6	1965.4	1977.2	1989.1	1995.0	1998.0	2003.9	2006.8	2137.1
37.5°	2154.8	2080.8	2122.3	2163.7	2205.2	2246.6	2246.6	2243.6	2243.6	2240.7	2388.7
40°	2311.7	2231.8	2291.0	2347.2	2406.4	2462.7	2474.5	2486.3	2498.2	2510.0	2646.2
42.5°	2515.9	2436.0	2486.3	2533.7	2584.0	2631.4	2652.1	2672.8	2690.6	2711.3	2847.5
45°	2711.3	2637.3	2675.8	2714.3	2752.7	2791.2	2809.0	2826.7	2844.5	2862.3	3019.1
47.5°	2894.8	2829.7	2853.4	2874.1	2897.8	2918.5	2933.3	2945.1	2959.9	2971.8	3128.7
50°	3075.4	3010.3	3016.2	3022.1	3025.1	3031.0	3036.9	3045.8	3051.7	3057.6	3241.1
52.5°	3253.0	3173.1	3158.3	3143.5	3128.7	3113.9	3113.9	3110.9	3110.9	3107.9	3250.0
55°	3398.0	3285.5	3250.0	3211.5	3176.0	3137.5	3122.7	3107.9	3090.2	3075.4	3149.4
57.5°	3472.0	3338.8	3285.5	3229.3	3176.0	3119.8	3069.5	3016.2	2965.9	2912.6	2900.7
60°	3519.4	3365.4	3282.6	3196.7	3113.9	3028.0	2903.7	2779.4	2655.1	2530.7	2465.6
62.5°	3501.6	3306.2	3179.0	3048.7	2921.5	2791.2	2598.8	2406.4	2211.1	2018.7	1926.9
65°	3448.3	3190.8	3007.3	2820.8	2637.3	2450.8	2220.0	1989.1	1758.2	1527.3	1441.5
67.5°	3335.8	2998.4	2740.9	2486.3	2228.8	1971.3	1737.5	1503.6	1269.8	1036.0	973.8
70°	3090.2	2666.9	2365.0	2060.1	1758.2	1453.3	1255.0	1053.7	855.4	654.1	624.5
72.5°	2661.0	2184.4	1876.6	1571.7	1263.9	956.1	819.9	683.7	547.6	411.4	402.6
75°	1974.3	1539.2	1302.4	1062.6	825.8	586.1	506.1	429.2	349.3	269.4	272.3
77.5°	1071.5	802.1	689.7	577.2	461.8	349.3	310.8	272.3	233.8	195.4	201.3
80°	355.2	242.7	225.0	207.2	189.4	171.7	156.9	142.1	127.3	112.5	118.4
82.5°	97.7	74.0	79.9	88.8	94.7	100.6	100.6	100.6	97.7	97.7	97.7
85°	41.4	38.5	35.5	35.5	32.6	29.6	35.5	41.4	47.4	53.3	56.2
87.5°	11.8	11.8	11.8	8.9	8.9	5.9	5.9	5.9	5.9	5.9	8.9
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9	970.9
2.5°	1207.7	1201.7	1195.8	1186.9	1181.0	1172.1	1163.3	1154.4	1145.5	1133.7	1124.8
5°	1184.0	1189.9	1195.8	1198.8	1204.7	1207.7	1210.6	1213.6	1216.5	1216.5	1219.5
7.5°	1299.4	1302.4	1302.4	1284.6	1269.8	1252.1	1234.3	1231.3	1231.3	1228.4	1225.4
10°	1269.8	1334.9	1400.1	1400.1	1397.1	1397.1	1394.1	1394.1	1397.1	1397.1	1397.1
12.5°	1400.1	1429.6	1459.2	1447.4	1438.5	1426.7	1414.8	1364.5	1311.3	1260.9	1207.7
15°	1201.7	1231.3	1263.9	1308.3	1352.7	1397.1	1441.5	1438.5	1438.5	1435.6	1432.6
17.5°	1317.2	1346.8	1373.4	1352.7	1332.0	1308.3	1287.6	1249.1	1210.6	1172.1	1133.7
20°	1124.8	1101.1	1077.4	1172.1	1266.9	1361.6	1456.3	1453.3	1453.3	1450.4	1447.4
22.5°	1287.6	1332.0	1379.3	1343.8	1308.3	1272.8	1237.3	1231.3	1222.5	1216.5	1207.7
25°	1334.9	1284.6	1237.3	1326.1	1417.8	1506.6	1595.4	1610.2	1625.0	1636.8	1651.6
27.5°	1432.6	1500.7	1568.8	1551.0	1533.2	1512.5	1494.8	1506.6	1518.4	1530.3	1542.1
30°	1613.2	1622.0	1630.9	1761.2	1894.4	2024.6	2154.8	2172.6	2187.4	2205.2	2220.0
32.5°	1924.0	2021.6	2122.3	2202.2	2285.1	2365.0	2444.9	2551.5	2661.0	2767.5	2874.1
35°	2270.3	2400.5	2530.7	2684.7	2841.5	2995.5	3149.4	3187.9	3229.3	3267.8	3306.2
37.5°	2536.7	2684.7	2832.7	2992.5	3149.4	3309.2	3466.1	3495.7	3525.3	3554.9	3584.5
40°	2782.3	2918.5	3054.7	3223.4	3392.1	3560.8	3729.5	3753.2	3776.9	3800.6	3824.2
42.5°	2983.6	3116.8	3253.0	3421.7	3590.4	3759.1	3927.8	3948.6	3966.3	3987.0	4004.8
45°	3176.0	3332.9	3489.8	3637.8	3785.8	3930.8	4078.8	4093.6	4105.4	4120.2	4132.1
47.5°	3288.5	3445.4	3602.2	3741.4	3880.5	4016.6	4155.8	4155.8	4155.8	4155.8	4155.8
50°	3424.6	3605.2	3788.7	3859.8	3927.8	3998.9	4067.0	4052.2	4037.4	4019.6	4004.8
52.5°	3389.1	3531.2	3670.3	3697.0	3723.6	3750.2	3776.9	3738.4	3702.9	3664.4	3625.9
55°	3223.4	3294.4	3368.4	3324.0	3276.6	3232.3	3184.9	3075.4	2965.9	2856.3	2746.8
57.5°	2888.9	2877.1	2865.2	2746.8	2631.4	2513.0	2394.6	2323.6	2255.5	2184.4	2113.4
60°	2403.5	2338.3	2273.2	2166.7	2060.1	1953.6	1847.0	1808.5	1767.1	1728.6	1687.2
62.5°	1835.2	1743.4	1651.6	1598.4	1545.1	1491.8	1438.5	1400.1	1358.6	1320.1	1278.7
65°	1358.6	1272.8	1186.9	1142.5	1098.1	1050.8	1006.4	979.7	953.1	923.5	896.9
67.5°	914.6	852.5	790.3	763.7	734.1	707.4	677.8	666.0	651.2	639.3	624.5
70°	592.0	562.4	529.8	518.0	509.1	497.3	485.4	473.6	461.8	449.9	438.1
72.5°	393.7	384.8	375.9	370.0	364.1	358.2	352.2	346.3	337.4	331.5	322.6
75°	272.3	275.3	275.3	272.3	272.3	269.4	266.4	242.7	219.0	195.4	171.7
77.5°	204.2	210.2	213.1	198.3	183.5	165.8	151.0	148.0	145.0	142.1	139.1
80°	127.3	133.2	139.1	133.2	130.2	124.3	118.4	112.5	106.6	100.6	94.7
82.5°	97.7	97.7	97.7	91.8	85.8	77.0	71.0	68.1	65.1	62.2	59.2
85°	59.2	62.2	65.1	59.2	50.3	44.4	35.5	29.6	23.7	17.8	11.8
87.5°	8.9	11.8	11.8	11.8	8.9	8.9	5.9	5.9	5.9	3.0	3.0
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):

	357.5°	360°
0°	970.9	970.9
2.5°	1101.1	1077.4
5°	1222.5	1225.4
7.5°	1151.4	1074.5
10°	1397.1	1397.1
12.5°	1192.9	1175.1
15°	1426.7	1420.8
17.5°	1130.7	1124.8
20°	1444.4	1441.5
22.5°	1207.7	1204.7
25°	1654.6	1654.6
27.5°	1542.1	1539.2
30°	2220.0	2220.0
32.5°	2930.3	2983.6
35°	3315.1	3324.0
37.5°	3599.3	3611.1
40°	3833.1	3842.0
42.5°	4007.8	4007.8
45°	4132.1	4132.1
47.5°	4152.8	4149.8
50°	3995.9	3987.0
52.5°	3590.4	3551.9
55°	2726.1	2702.4
57.5°	2107.5	2098.6
60°	1687.2	1687.2
62.5°	1266.9	1255.0
65°	885.0	870.2
67.5°	618.6	612.7
70°	438.1	435.1
72.5°	319.7	316.7
75°	168.7	162.8
77.5°	139.1	136.2
80°	97.7	97.7
82.5°	59.2	56.2
85°	8.9	5.9
87.5°	3.0	3.0
90°	0.0	0.0

(END OF REPORT)