

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: P561174

Luminaire Tested: **SDL-PA1-80-830-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561174
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-PA1-80-830-U-T2R-HSS
Description: Springdale
(1) 80 CRI, 3000K, 1050mA 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: 6037.4 lumens
Efficiency: N/A
Efficacy: 73.6 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): 82
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

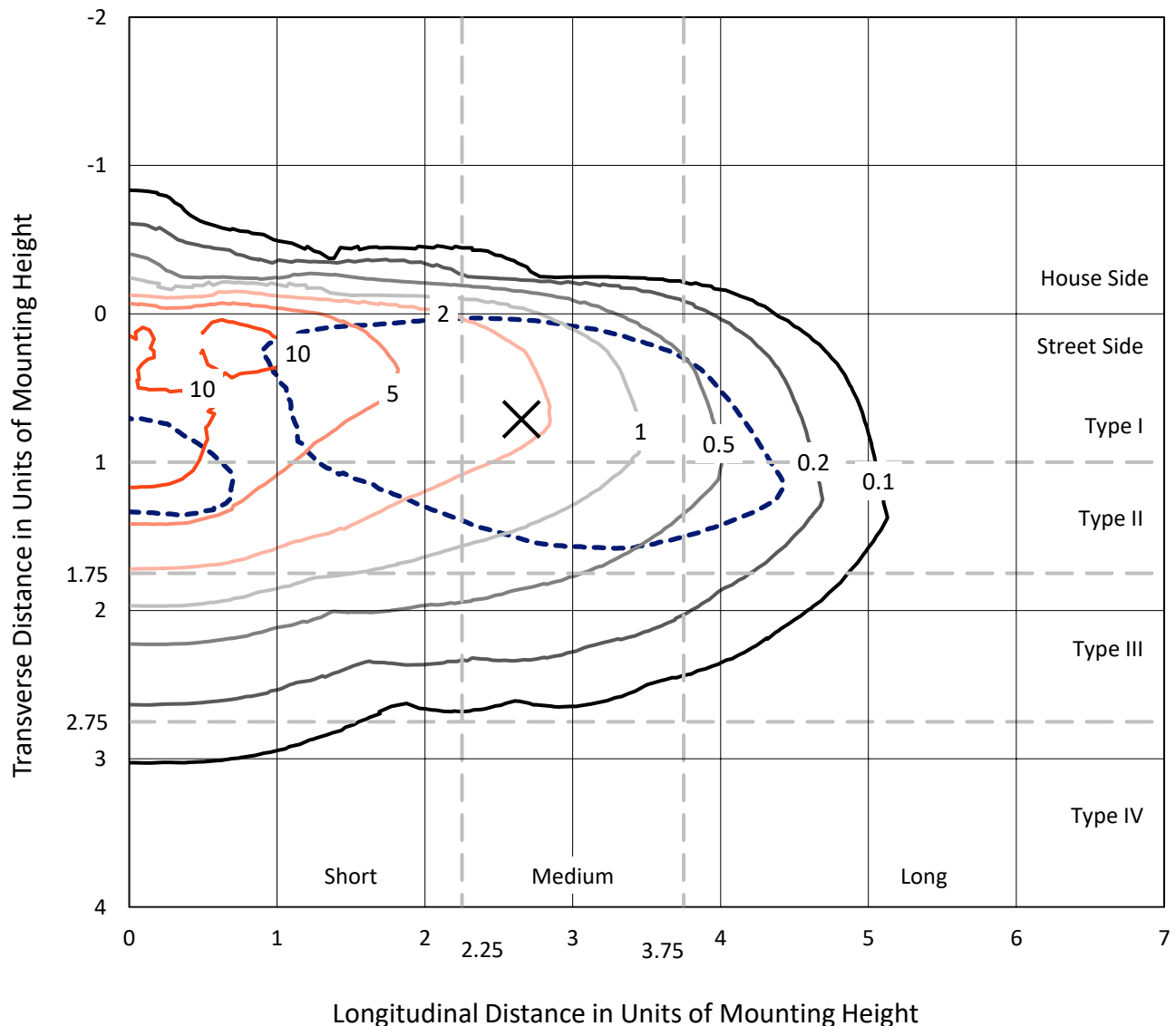


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

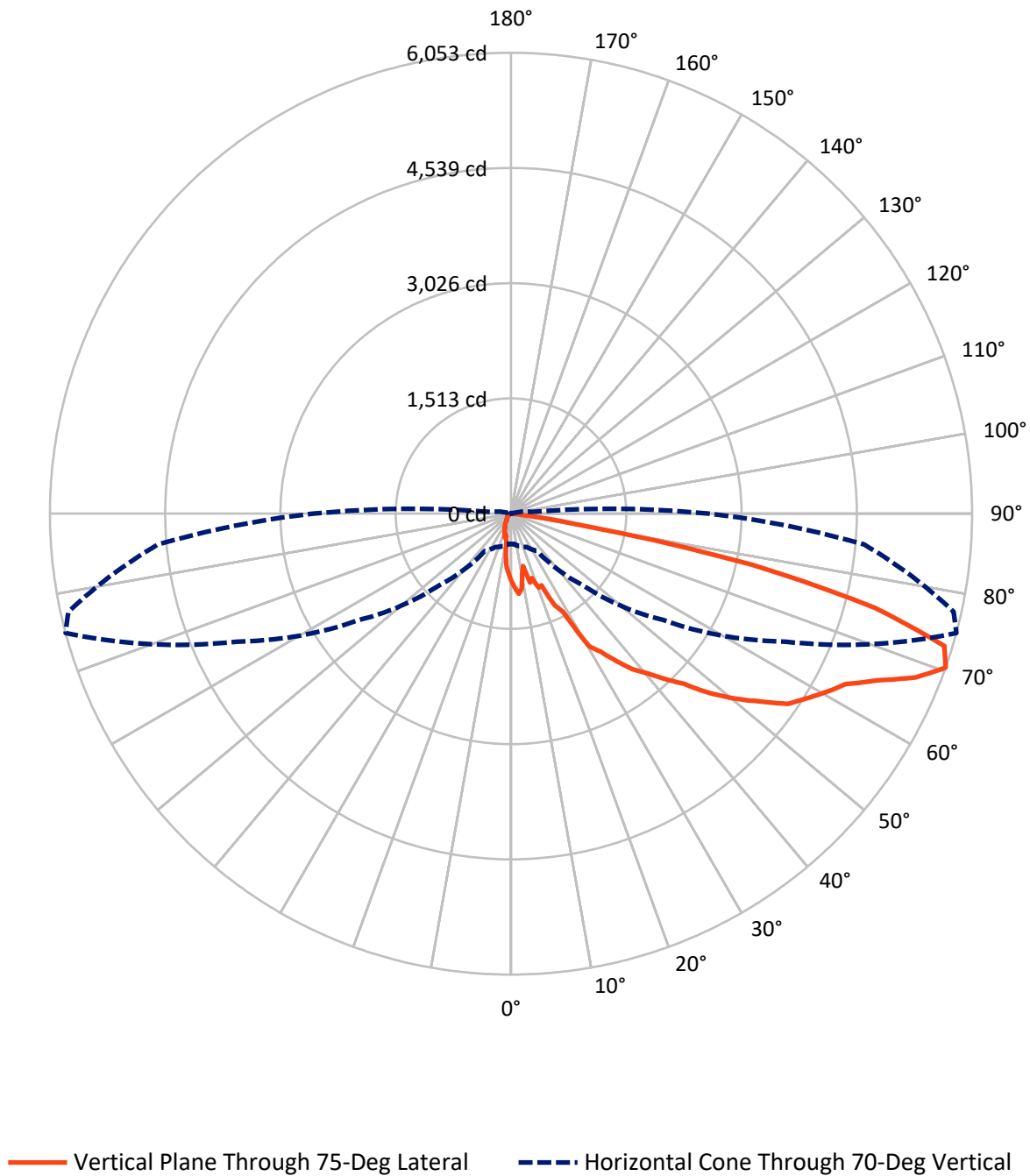


Based on 10 foot mounting height. Maximum calculated value = 16.5 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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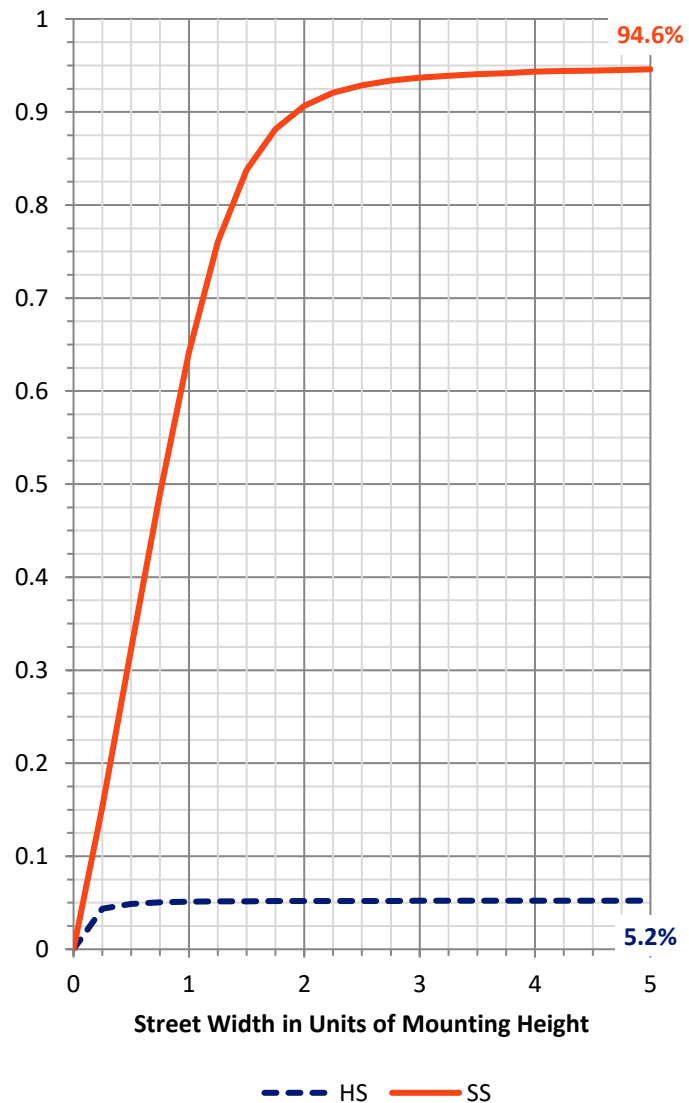
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	318.9	0.0	318.9
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	5718.4	0.0	5718.4
	% Fixture	94.7	0.0	94.7
Total	Lumens	6037.4	0.0	6037.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.0	1.2
10°-20°	174.2	2.9
20°-30°	331.2	5.5
30°-40°	735.9	12.2
40°-50°	1186.4	19.7
50°-60°	1429.9	23.7
60°-70°	1295.9	21.5
70°-80°	772.3	12.8
80°-90°	41.6	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°	6037.4	100.0
0°-180°	6037.4	100.0

Coefficient of Utilization



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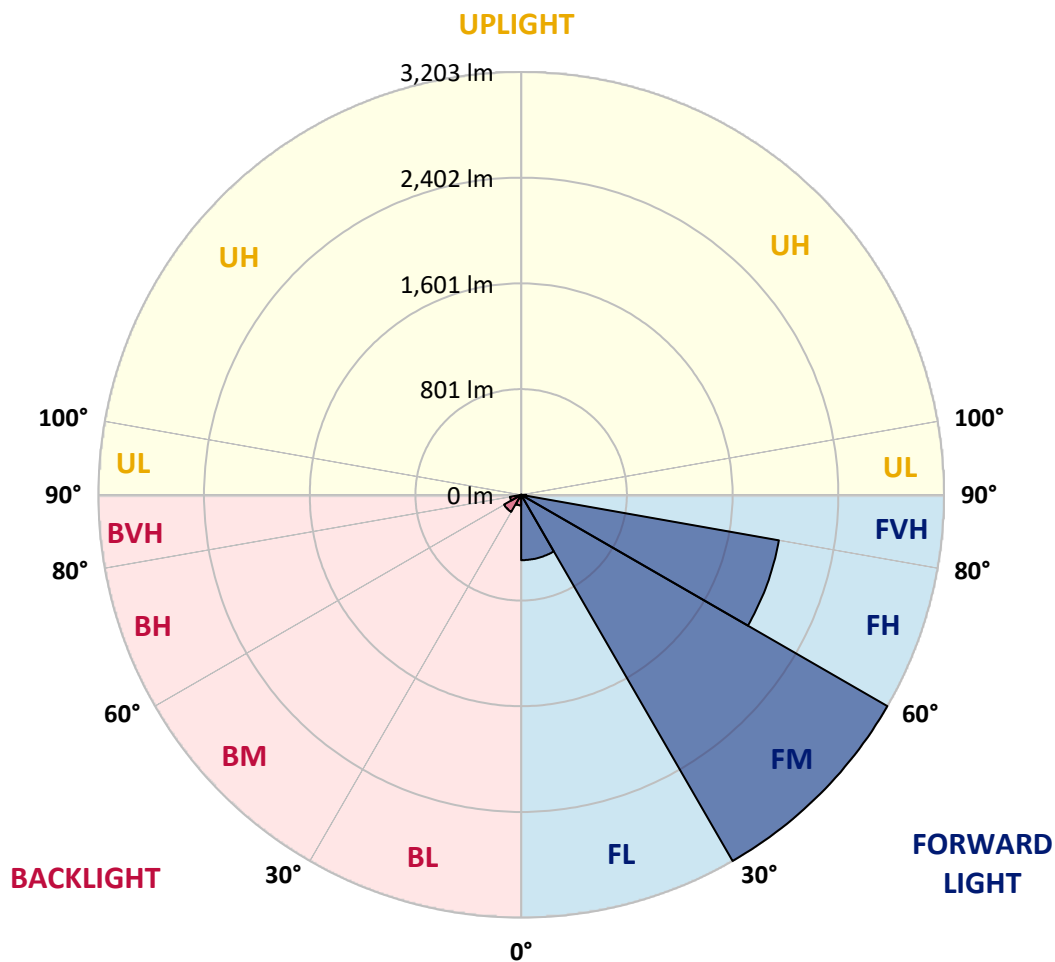
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.2	8.2			
FM	(30°-60°)	3202.9	53.1			
FH	(60°-80°)	1982.4	32.8			G2/5000
FVH	(80°-90°)	38.0	0.6			G1/100
BL	(0°-30°)	80.2	1.3	B0/110		
BM	(30°-60°)	149.3	2.5	B0/220		
BH	(60°-80°)	85.9	1.4	B0/110		G0/110
BVH	(80°-90°)	3.6	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°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	983.1	1004.7	1026.3	1034.4	1045.2	1053.3	1061.4	1069.5	1077.6	1083.0	1091.1
5°	1118.1	1115.4	1112.7	1110.0	1110.0	1107.3	1104.6	1101.9	1099.2	1093.8	1091.1
7.5°	980.4	1050.6	1118.1	1120.8	1123.5	1123.5	1126.2	1142.4	1158.7	1172.2	1188.4
10°	1274.8	1274.8	1274.8	1274.8	1274.8	1272.1	1272.1	1274.8	1274.8	1277.5	1277.5
12.5°	1072.2	1088.4	1101.9	1150.5	1196.5	1245.1	1291.0	1301.8	1312.6	1320.7	1331.5
15°	1296.4	1301.8	1307.2	1309.9	1312.6	1312.6	1315.3	1274.8	1234.3	1193.8	1153.3
17.5°	1026.3	1031.7	1034.4	1069.5	1104.6	1139.7	1174.9	1193.8	1215.4	1234.3	1253.2
20°	1315.3	1318.0	1320.7	1323.4	1326.1	1326.1	1328.8	1242.4	1156.0	1069.5	983.1
22.5°	1099.2	1101.9	1101.9	1110.0	1115.4	1123.5	1128.9	1161.4	1193.8	1226.2	1258.6
25°	1509.8	1509.8	1507.1	1493.6	1482.8	1469.2	1455.7	1374.7	1293.7	1210.0	1128.9
27.5°	1404.4	1407.1	1407.1	1396.3	1385.5	1374.7	1363.9	1380.1	1399.0	1415.2	1431.4
30°	2025.6	2025.6	2025.6	2012.1	1995.9	1982.4	1966.2	1847.4	1728.5	1607.0	1488.2
32.5°	2722.4	2673.8	2622.5	2525.3	2428.0	2328.1	2230.9	2158.0	2085.0	2009.4	1936.5
35°	3033.0	3024.9	3016.8	2981.7	2946.6	2908.8	2873.7	2733.2	2592.8	2449.6	2309.2
37.5°	3295.0	3284.2	3270.7	3243.7	3216.7	3189.7	3162.7	3019.5	2873.7	2730.5	2584.7
40°	3505.7	3497.6	3489.5	3467.9	3446.2	3424.6	3403.0	3249.1	3095.1	2941.2	2787.2
42.5°	3656.9	3656.9	3654.2	3638.0	3619.1	3602.9	3584.0	3430.0	3276.1	3122.1	2968.2
45°	3770.3	3770.3	3770.3	3759.5	3746.0	3735.2	3721.7	3586.7	3454.4	3319.3	3184.3
47.5°	3786.6	3789.3	3792.0	3792.0	3792.0	3792.0	3792.0	3665.0	3540.8	3413.8	3286.9
50°	3638.0	3646.1	3654.2	3667.7	3683.9	3697.4	3710.9	3648.8	3584.0	3521.9	3457.1
52.5°	3241.0	3276.1	3308.5	3343.6	3378.7	3411.1	3446.2	3421.9	3397.6	3373.3	3349.0
55°	2465.8	2487.5	2506.4	2606.3	2706.2	2806.2	2906.1	2949.3	2989.8	3033.0	3073.5
57.5°	1914.9	1923.0	1928.4	1993.2	2058.0	2120.1	2185.0	2293.0	2401.0	2506.4	2614.4
60°	1539.5	1539.5	1539.5	1577.3	1612.4	1650.2	1685.3	1782.5	1879.8	1977.0	2074.2
62.5°	1145.1	1156.0	1166.8	1204.6	1239.7	1277.5	1312.6	1361.2	1409.8	1458.4	1507.1
65°	794.0	807.5	818.3	842.7	869.7	894.0	918.3	958.8	1002.0	1042.5	1083.0
67.5°	559.1	564.5	569.9	583.4	594.2	607.7	618.5	645.5	669.8	696.8	721.1
70°	397.0	399.7	399.7	410.5	421.3	432.1	442.9	453.7	464.5	472.6	483.4
72.5°	289.0	291.7	294.4	302.5	307.9	316.0	321.4	326.8	332.2	337.6	343.0
75°	148.5	153.9	156.6	178.3	199.9	221.5	243.1	245.8	248.5	248.5	251.2
77.5°	124.2	126.9	126.9	129.6	132.3	135.0	137.7	151.2	167.5	181.0	194.5
80°	89.1	89.1	86.4	91.8	97.2	102.6	108.0	113.4	118.8	121.5	126.9
82.5°	51.3	54.0	54.0	56.7	59.4	62.1	64.8	70.2	78.3	83.7	89.1
85°	5.4	8.1	10.8	16.2	21.6	27.0	32.4	40.5	45.9	54.0	59.4
87.5°	2.7	2.7	2.7	2.7	5.4	5.4	5.4	8.1	8.1	10.8	10.8
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°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	1096.5	1101.9	1104.6	1110.0	1107.3	1101.9	1099.2	1093.8	1085.7	1077.6	1066.8
5°	1085.7	1080.3	1074.9	1069.5	1061.4	1056.0	1047.9	1039.8	1029.0	1020.9	1010.1
7.5°	1188.4	1185.7	1185.7	1183.0	1174.9	1169.5	1161.4	1153.3	1139.7	1126.2	1112.7
10°	1218.1	1158.7	1096.5	1037.1	1050.6	1064.1	1077.6	1091.1	1050.6	1010.1	966.9
12.5°	1304.5	1277.5	1250.5	1223.5	1180.3	1134.3	1091.1	1045.2	1023.6	999.3	977.7
15°	1123.5	1096.5	1066.8	1037.1	1056.0	1074.9	1093.8	1112.7	1050.6	985.8	923.7
17.5°	1228.9	1201.9	1177.6	1150.5	1074.9	999.3	921.0	845.4	910.2	972.3	1037.1
20°	1004.7	1026.3	1045.2	1066.8	1093.8	1120.8	1145.1	1172.2	1139.7	1107.3	1074.9
22.5°	1215.4	1174.9	1131.6	1088.4	1107.3	1126.2	1142.4	1161.4	1123.5	1085.7	1045.2
25°	1172.2	1218.1	1261.3	1304.5	1237.0	1172.2	1104.6	1037.1	1096.5	1156.0	1215.4
27.5°	1369.3	1307.2	1242.4	1180.3	1237.0	1293.7	1347.7	1404.4	1353.1	1299.1	1247.8
30°	1480.0	1471.9	1461.1	1453.0	1423.3	1396.3	1366.6	1336.9	1353.1	1369.3	1385.5
32.5°	1844.7	1755.5	1663.7	1571.9	1593.5	1615.1	1634.0	1655.6	1631.3	1607.0	1580.0
35°	2190.4	2071.5	1950.0	1831.2	1828.5	1823.1	1820.4	1815.0	1804.1	1793.3	1782.5
37.5°	2449.6	2314.6	2179.6	2044.5	2047.2	2047.2	2049.9	2049.9	2012.1	1974.3	1936.5
40°	2663.0	2538.8	2414.5	2290.3	2279.5	2268.7	2257.9	2247.1	2195.8	2141.8	2090.4
42.5°	2844.0	2722.4	2598.2	2474.0	2455.0	2438.8	2419.9	2401.0	2357.8	2311.9	2268.7
45°	3041.1	2898.0	2754.8	2611.7	2595.5	2579.3	2563.1	2546.9	2511.8	2476.7	2441.5
47.5°	3143.8	3000.6	2854.8	2711.6	2700.8	2687.3	2676.5	2663.0	2644.1	2622.5	2603.6
50°	3289.6	3124.8	2957.4	2789.9	2784.5	2779.1	2771.0	2765.6	2760.2	2757.5	2752.1
52.5°	3222.1	3092.4	2965.5	2835.9	2838.6	2838.6	2841.3	2841.3	2854.8	2868.3	2881.8
55°	3006.0	2941.2	2873.7	2806.2	2819.7	2835.9	2849.4	2862.9	2898.0	2930.4	2965.5
57.5°	2625.2	2636.0	2646.8	2657.6	2706.2	2752.1	2800.8	2846.7	2898.0	2946.6	2997.9
60°	2133.6	2193.1	2249.8	2309.2	2422.6	2536.1	2649.5	2762.9	2841.3	2916.9	2995.2
62.5°	1590.8	1674.5	1758.2	1842.0	2017.5	2195.8	2371.3	2546.9	2665.7	2781.8	2900.7
65°	1161.4	1239.7	1315.3	1393.6	1604.3	1815.0	2025.6	2236.3	2406.4	2573.9	2744.0
67.5°	777.8	834.6	888.6	945.3	1158.7	1372.0	1585.4	1798.7	2033.7	2268.7	2501.0
70°	513.2	540.2	569.9	596.9	780.5	961.5	1145.1	1326.1	1604.3	1879.8	2158.0
72.5°	351.1	359.2	367.3	375.4	499.7	623.9	748.1	872.4	1153.3	1434.1	1712.3
75°	251.2	248.5	248.5	245.8	318.7	391.6	461.8	534.8	753.5	969.6	1188.4
77.5°	191.8	186.4	183.7	178.3	213.4	248.5	283.6	318.7	421.3	526.7	629.3
80°	121.5	116.1	108.0	102.6	116.1	129.6	143.1	156.6	172.9	189.1	205.3
82.5°	89.1	89.1	89.1	89.1	89.1	91.8	91.8	91.8	86.4	81.0	72.9
85°	56.7	54.0	51.3	48.6	43.2	37.8	32.4	27.0	29.7	32.4	32.4
87.5°	10.8	8.1	8.1	5.4	5.4	5.4	5.4	5.4	8.1	8.1	10.8
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°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	1058.7	1047.9	1037.1	1026.3	1015.5	1004.7	993.9	983.1	972.3	956.1	942.6
5°	999.3	1029.0	1061.4	1091.1	1120.8	1104.6	1088.4	1072.2	1056.0	1029.0	1002.0
7.5°	1099.2	1064.1	1031.7	999.3	964.2	972.3	980.4	988.5	996.6	972.3	939.9
10°	926.4	907.5	888.6	869.7	850.8	840.0	826.5	815.6	802.1	869.7	842.7
12.5°	953.4	945.3	937.2	926.4	918.3	864.3	812.9	758.9	704.9	683.3	691.4
15°	858.9	850.8	842.7	834.6	826.5	853.5	883.2	910.2	937.2	931.8	926.4
17.5°	1099.2	1064.1	1031.7	996.6	961.5	945.3	926.4	910.2	891.3	861.6	853.5
20°	1042.5	1004.7	966.9	929.1	891.3	929.1	964.2	1002.0	1037.1	1099.2	1080.3
22.5°	1007.4	1069.5	1134.3	1196.5	1258.6	1199.2	1142.4	1083.0	1023.6	1042.5	950.7
25°	1274.8	1228.9	1185.7	1139.7	1093.8	1153.3	1212.7	1272.1	1331.5	1304.5	1261.3
27.5°	1193.8	1239.7	1282.9	1328.8	1372.0	1393.6	1417.9	1439.5	1461.1	1407.1	1417.9
30°	1401.7	1458.4	1512.5	1569.2	1623.2	1723.1	1820.4	1920.3	2017.5	1995.9	1909.5
32.5°	1555.7	1650.2	1744.7	1836.6	1931.1	1987.8	2047.2	2103.9	2160.7	2166.1	2058.0
35°	1771.7	1836.6	1901.4	1966.2	2031.0	2117.4	2201.2	2287.6	2371.3	2322.7	2201.2
37.5°	1898.7	1966.2	2036.4	2103.9	2171.5	2276.8	2382.1	2484.8	2590.1	2484.8	2352.4
40°	2036.4	2109.3	2185.0	2257.9	2330.8	2438.8	2544.2	2652.2	2757.5	2752.1	2571.2
42.5°	2222.8	2295.7	2371.3	2444.2	2517.2	2630.6	2744.0	2854.8	2968.2	2965.5	2760.2
45°	2406.4	2474.0	2538.8	2606.3	2671.1	2800.8	2930.4	3060.0	3189.7	3203.2	2970.9
47.5°	2582.0	2641.4	2700.8	2760.2	2819.7	2997.9	3173.5	3351.7	3527.3	3443.5	3192.4
50°	2746.7	2806.2	2865.6	2925.0	2984.4	3192.4	3403.0	3611.0	3819.0	3708.2	3438.1
52.5°	2895.3	2968.2	3043.8	3116.7	3189.7	3416.5	3643.4	3870.3	4097.1	3983.7	3705.5
55°	2997.9	3100.5	3200.5	3303.1	3403.0	3654.2	3908.1	4159.3	4410.4	4280.8	3959.4
57.5°	3046.5	3168.1	3292.3	3413.8	3535.4	3794.7	4056.6	4315.9	4575.2	4445.6	4116.1
60°	3070.8	3211.3	3351.7	3489.5	3629.9	3910.8	4194.4	4475.3	4756.1	4645.4	4310.5
62.5°	3016.8	3195.1	3376.0	3554.3	3732.5	4032.3	4332.1	4629.2	4929.0	4856.1	4537.4
65°	2911.5	3146.5	3384.1	3619.1	3854.1	4210.6	4567.1	4920.9	5277.4	5199.1	4880.4
67.5°	2735.9	3043.8	3351.7	3659.6	3967.5	4410.4	4850.7	5293.6	5733.8	5655.5	5290.9
70°	2433.4	2819.7	3205.9	3589.4	3975.6	4494.2	5015.4	5534.0	6052.5	5949.9	5517.8
72.5°	1993.2	2428.0	2862.9	3295.0	3729.8	4283.5	4839.9	5393.5	5947.2	5752.7	5261.2
75°	1404.4	1801.4	2198.5	2592.8	2989.8	3476.0	3962.1	4445.6	4931.7	4683.2	4202.5
77.5°	731.9	977.7	1220.8	1466.5	1709.6	2090.4	2468.6	2849.4	3227.5	2781.8	2419.9
80°	221.5	324.1	424.0	526.7	626.6	715.7	804.8	891.3	980.4	729.2	605.0
82.5°	67.5	89.1	108.0	129.6	148.5	148.5	148.5	145.8	145.8	116.1	97.2
85°	35.1	37.8	37.8	40.5	40.5	40.5	37.8	37.8	35.1	35.1	29.7
87.5°	10.8	10.8	13.5	13.5	13.5	13.5	13.5	10.8	10.8	10.8	10.8
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	931.8	918.3	904.8	888.6	872.4	856.2	840.0	823.8	807.5	791.3	777.8
5°	977.7	950.7	923.7	894.0	861.6	829.2	799.4	769.7	737.3	707.6	680.6
7.5°	907.5	875.1	834.6	794.0	753.5	713.0	669.8	629.3	586.1	542.9	507.8
10°	812.9	785.9	742.7	696.8	648.2	596.9	540.2	483.4	426.7	370.0	345.7
12.5°	696.8	704.9	659.0	613.1	561.8	510.5	456.4	402.4	345.7	291.7	275.5
15°	921.0	915.6	856.2	796.7	718.4	640.1	561.8	480.7	402.4	321.4	280.9
17.5°	842.7	834.6	769.7	704.9	634.7	564.5	491.5	415.9	343.0	267.4	229.6
20°	1064.1	1045.2	964.2	880.5	777.8	672.5	569.9	467.2	364.6	262.0	218.8
22.5°	858.9	767.0	702.2	637.4	556.4	472.6	405.1	334.9	267.4	197.2	170.2
25°	1215.4	1172.2	1061.4	948.0	804.8	661.7	545.6	429.4	313.3	197.2	164.8
27.5°	1428.7	1439.5	1288.3	1137.0	956.1	775.1	623.9	472.6	321.4	170.2	145.8
30°	1823.1	1736.6	1558.4	1377.4	1123.5	867.0	688.7	510.5	332.2	153.9	132.3
32.5°	1952.7	1844.7	1642.1	1436.8	1139.7	840.0	661.7	483.4	302.5	124.2	110.7
35°	2082.3	1960.8	1728.5	1496.3	1156.0	812.9	634.7	459.1	280.9	102.6	94.5
37.5°	2220.1	2087.7	1828.5	1566.5	1172.2	777.8	607.7	434.8	264.7	91.8	83.7
40°	2392.9	2212.0	1925.7	1636.7	1188.4	740.0	575.3	413.2	248.5	83.7	75.6
42.5°	2557.7	2352.4	2033.7	1712.3	1207.3	702.2	545.6	391.6	235.0	78.3	70.2
45°	2741.3	2509.1	2163.4	1815.0	1234.3	653.6	507.8	361.9	216.1	70.2	62.1
47.5°	2941.2	2690.0	2303.8	1917.6	1261.3	605.0	469.9	337.6	202.6	67.5	59.4
50°	3168.1	2898.0	2474.0	2047.2	1315.3	580.7	451.0	321.4	191.8	62.1	54.0
52.5°	3430.0	3151.9	2676.5	2198.5	1380.1	559.1	434.8	307.9	183.7	56.7	48.6
55°	3640.7	3319.3	2792.6	2263.3	1393.6	521.3	405.1	286.3	170.2	51.3	45.9
57.5°	3789.3	3459.8	2903.4	2347.0	1417.9	486.1	375.4	267.4	156.6	45.9	40.5
60°	3972.9	3638.0	3041.1	2441.5	1447.6	453.7	351.1	248.5	143.1	40.5	35.1
62.5°	4218.7	3900.0	3238.3	2573.9	1496.3	415.9	321.4	226.9	129.6	35.1	32.4
65°	4559.0	4240.3	3470.6	2700.8	1542.2	380.8	294.4	208.0	118.8	32.4	29.7
67.5°	4923.6	4559.0	3654.2	2746.7	1542.2	337.6	262.0	183.7	108.0	29.7	27.0
70°	5085.6	4653.5	3624.5	2592.8	1431.4	270.1	210.7	148.5	89.1	27.0	24.3
72.5°	4772.4	4280.8	3222.1	2163.4	1166.8	170.2	132.3	97.2	59.4	21.6	18.9
75°	3719.0	3238.3	2403.7	1566.5	826.5	83.7	67.5	51.3	32.4	16.2	13.5
77.5°	2060.7	1698.8	1234.3	769.7	410.5	48.6	40.5	32.4	21.6	13.5	13.5
80°	483.4	359.2	262.0	162.0	97.2	29.7	24.3	21.6	16.2	10.8	10.8
82.5°	78.3	59.4	43.2	27.0	21.6	16.2	13.5	13.5	10.8	8.1	8.1
85°	24.3	18.9	16.2	10.8	10.8	8.1	8.1	8.1	5.4	5.4	5.4
87.5°	8.1	8.1	8.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	761.6	748.1	731.9	721.1	710.3	696.8	686.0	675.2	664.4	653.6	642.8
5°	653.6	623.9	596.9	561.8	524.0	488.8	451.0	434.8	421.3	405.1	388.9
7.5°	472.6	437.5	402.4	388.9	375.4	359.2	345.7	332.2	318.7	305.2	291.7
10°	324.1	299.8	275.5	264.7	253.9	240.4	229.6	218.8	208.0	194.5	183.7
12.5°	259.3	240.4	224.2	205.3	186.4	167.5	148.5	143.1	137.7	129.6	124.2
15°	237.7	197.2	153.9	140.4	129.6	116.1	102.6	99.9	99.9	97.2	94.5
17.5°	191.8	153.9	116.1	110.7	102.6	97.2	89.1	83.7	78.3	72.9	67.5
20°	175.6	132.3	89.1	86.4	83.7	78.3	75.6	72.9	72.9	70.2	67.5
22.5°	145.8	118.8	91.8	83.7	75.6	67.5	59.4	59.4	62.1	62.1	62.1
25°	132.3	99.9	67.5	67.5	64.8	64.8	62.1	59.4	54.0	51.3	45.9
27.5°	121.5	97.2	72.9	67.5	62.1	56.7	51.3	51.3	48.6	48.6	45.9
30°	113.4	91.8	70.2	64.8	62.1	56.7	51.3	48.6	45.9	40.5	37.8
32.5°	99.9	86.4	72.9	67.5	59.4	54.0	45.9	43.2	40.5	35.1	32.4
35°	86.4	75.6	67.5	62.1	54.0	48.6	40.5	37.8	35.1	32.4	29.7
37.5°	75.6	67.5	59.4	54.0	48.6	40.5	35.1	32.4	29.7	27.0	24.3
40°	67.5	59.4	51.3	45.9	40.5	35.1	29.7	27.0	27.0	24.3	21.6
42.5°	62.1	54.0	45.9	40.5	37.8	32.4	27.0	24.3	21.6	18.9	16.2
45°	56.7	48.6	40.5	37.8	32.4	29.7	24.3	21.6	18.9	16.2	13.5
47.5°	51.3	43.2	35.1	32.4	29.7	24.3	21.6	18.9	16.2	13.5	10.8
50°	48.6	40.5	32.4	29.7	27.0	21.6	18.9	16.2	16.2	13.5	10.8
52.5°	43.2	35.1	27.0	24.3	21.6	18.9	16.2	13.5	13.5	10.8	8.1
55°	37.8	32.4	24.3	21.6	18.9	16.2	13.5	10.8	10.8	8.1	5.4
57.5°	35.1	27.0	21.6	18.9	16.2	13.5	10.8	10.8	8.1	8.1	5.4
60°	29.7	24.3	18.9	16.2	13.5	10.8	8.1	8.1	5.4	5.4	2.7
62.5°	27.0	24.3	18.9	16.2	13.5	10.8	8.1	8.1	5.4	5.4	2.7
65°	24.3	21.6	16.2	13.5	13.5	10.8	8.1	8.1	5.4	5.4	2.7
67.5°	24.3	18.9	16.2	13.5	10.8	8.1	5.4	5.4	5.4	2.7	2.7
70°	18.9	16.2	10.8	10.8	8.1	8.1	5.4	5.4	5.4	2.7	2.7
72.5°	16.2	13.5	10.8	10.8	8.1	8.1	5.4	5.4	5.4	2.7	2.7
75°	13.5	10.8	8.1	8.1	8.1	5.4	5.4	5.4	5.4	2.7	2.7
77.5°	10.8	10.8	8.1	8.1	8.1	5.4	5.4	5.4	5.4	2.7	2.7
80°	8.1	8.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2.7	2.7
82.5°	8.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2.7	2.7
85°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2.7	2.7
87.5°	5.4	5.4	5.4	5.4	8.1	8.1	8.1	8.1	5.4	5.4	2.7
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	632.0	618.5	607.7	594.2	575.3	553.7	534.8	513.2	510.5	507.8	502.4
5°	380.8	372.7	364.6	356.5	351.1	345.7	340.3	334.9	329.5	326.8	321.4
7.5°	280.9	270.1	259.3	248.5	240.4	235.0	226.9	218.8	213.4	205.3	199.9
10°	172.9	159.3	148.5	135.0	140.4	145.8	148.5	153.9	153.9	151.2	151.2
12.5°	124.2	124.2	124.2	124.2	124.2	124.2	121.5	121.5	121.5	118.8	118.8
15°	91.8	89.1	86.4	83.7	83.7	83.7	81.0	81.0	86.4	89.1	94.5
17.5°	70.2	72.9	72.9	75.6	78.3	81.0	81.0	83.7	83.7	86.4	86.4
20°	67.5	67.5	64.8	64.8	62.1	62.1	59.4	56.7	59.4	64.8	67.5
22.5°	59.4	54.0	51.3	45.9	48.6	54.0	56.7	59.4	59.4	59.4	59.4
25°	48.6	48.6	51.3	51.3	48.6	45.9	43.2	40.5	43.2	45.9	45.9
27.5°	43.2	40.5	37.8	35.1	37.8	37.8	40.5	40.5	40.5	40.5	37.8
30°	37.8	37.8	35.1	35.1	35.1	32.4	32.4	29.7	32.4	32.4	35.1
32.5°	32.4	29.7	29.7	27.0	27.0	29.7	29.7	29.7	29.7	29.7	29.7
35°	29.7	27.0	27.0	24.3	24.3	24.3	24.3	24.3	27.0	27.0	29.7
37.5°	24.3	21.6	21.6	18.9	18.9	21.6	21.6	21.6	21.6	24.3	24.3
40°	21.6	18.9	18.9	16.2	16.2	18.9	18.9	18.9	18.9	21.6	21.6
42.5°	16.2	16.2	13.5	13.5	13.5	16.2	16.2	16.2	16.2	18.9	18.9
45°	13.5	13.5	10.8	10.8	10.8	13.5	13.5	13.5	13.5	13.5	13.5
47.5°	10.8	10.8	8.1	8.1	8.1	10.8	10.8	10.8	10.8	10.8	10.8
50°	10.8	8.1	8.1	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1
52.5°	8.1	8.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
55°	5.4	5.4	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7
57.5°	5.4	5.4	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7
60°	2.7	2.7	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7
62.5°	2.7	2.7	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4
65°	2.7	2.7	2.7	2.7	5.4	5.4	8.1	8.1	8.1	8.1	5.4
67.5°	2.7	2.7	2.7	2.7	5.4	5.4	8.1	8.1	8.1	5.4	5.4
70°	2.7	5.4	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	5.4
72.5°	2.7	5.4	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	5.4
75°	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	5.4
77.5°	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	5.4
80°	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	5.4
82.5°	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	5.4
85°	5.4	8.1	8.1	10.8	10.8	10.8	8.1	8.1	8.1	8.1	5.4
87.5°	5.4	8.1	8.1	10.8	10.8	10.8	8.1	8.1	8.1	8.1	5.4
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	499.7	494.3	488.8	480.7	475.3	480.7	486.1	480.7	475.3	480.7	488.8
5°	316.0	313.3	313.3	310.6	307.9	307.9	305.2	307.9	307.9	310.6	313.3
7.5°	191.8	189.1	186.4	181.0	178.3	183.7	186.4	183.7	178.3	181.0	186.4
10°	148.5	148.5	145.8	145.8	143.1	143.1	143.1	143.1	143.1	145.8	145.8
12.5°	116.1	113.4	110.7	108.0	105.3	110.7	113.4	110.7	105.3	108.0	110.7
15°	97.2	97.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.5°	86.4	83.7	83.7	81.0	78.3	78.3	75.6	78.3	78.3	81.0	83.7
20°	70.2	70.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
22.5°	59.4	56.7	56.7	54.0	51.3	51.3	48.6	51.3	51.3	54.0	56.7
25°	48.6	48.6	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
27.5°	37.8	37.8	37.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	37.8
30°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
32.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
35°	29.7	29.7	29.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	29.7
37.5°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
40°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
42.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
45°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
47.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
50°	8.1	8.1	8.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	8.1
52.5°	5.4	5.4	5.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.4
55°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
60°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
62.5°	5.4	5.4	5.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.4
65°	5.4	5.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
67.5°	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
70°	5.4	5.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
72.5°	5.4	5.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
75°	5.4	5.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
77.5°	5.4	5.4	5.4	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.4
80°	5.4	5.4	5.4	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.4
82.5°	5.4	5.4	5.4	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.4
85°	5.4	5.4	5.4	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.4
87.5°	5.4	5.4	5.4	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.4
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	494.3	499.7	502.4	507.8	510.5	513.2	534.8	553.7	575.3	594.2	607.7
5°	313.3	316.0	321.4	326.8	329.5	334.9	340.3	345.7	351.1	356.5	364.6
7.5°	189.1	191.8	199.9	205.3	213.4	218.8	226.9	235.0	240.4	248.5	259.3
10°	148.5	148.5	151.2	151.2	153.9	153.9	148.5	145.8	140.4	135.0	148.5
12.5°	113.4	116.1	118.8	118.8	121.5	121.5	121.5	124.2	124.2	124.2	124.2
15°	97.2	97.2	94.5	89.1	86.4	81.0	81.0	83.7	83.7	83.7	86.4
17.5°	83.7	86.4	86.4	86.4	83.7	83.7	81.0	81.0	78.3	75.6	72.9
20°	70.2	70.2	67.5	64.8	59.4	56.7	59.4	62.1	62.1	64.8	64.8
22.5°	56.7	59.4	59.4	59.4	59.4	59.4	56.7	54.0	48.6	45.9	51.3
25°	48.6	48.6	45.9	45.9	43.2	40.5	43.2	45.9	48.6	51.3	51.3
27.5°	37.8	37.8	37.8	40.5	40.5	40.5	40.5	37.8	37.8	35.1	37.8
30°	35.1	35.1	35.1	32.4	32.4	29.7	32.4	32.4	35.1	35.1	35.1
32.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	27.0	27.0	29.7
35°	29.7	29.7	29.7	27.0	27.0	24.3	24.3	24.3	24.3	24.3	27.0
37.5°	24.3	24.3	24.3	24.3	21.6	21.6	21.6	21.6	18.9	18.9	21.6
40°	21.6	21.6	21.6	21.6	18.9	18.9	18.9	18.9	16.2	16.2	18.9
42.5°	18.9	18.9	18.9	18.9	16.2	16.2	16.2	16.2	13.5	13.5	13.5
45°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	10.8	10.8	10.8
47.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	8.1	8.1	8.1
50°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	5.4	5.4	8.1
52.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
55°	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7
60°	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7
62.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7
65°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	5.4	5.4	2.7	2.7
67.5°	2.7	2.7	5.4	5.4	8.1	8.1	8.1	5.4	5.4	2.7	2.7
70°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	5.4	5.4	5.4
72.5°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	5.4	5.4	5.4
75°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	10.8	10.8	10.8	8.1
87.5°	5.4	5.4	5.4	8.1	8.1	8.1	8.1	10.8	10.8	10.8	8.1
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	618.5	632.0	642.8	653.6	664.4	675.2	686.0	696.8	710.3	721.1	731.9
5°	372.7	380.8	388.9	405.1	421.3	434.8	451.0	488.8	524.0	561.8	596.9
7.5°	270.1	280.9	291.7	305.2	318.7	332.2	345.7	359.2	375.4	388.9	402.4
10°	159.3	172.9	183.7	194.5	208.0	218.8	229.6	240.4	253.9	264.7	275.5
12.5°	124.2	124.2	124.2	129.6	137.7	143.1	148.5	167.5	186.4	205.3	224.2
15°	89.1	91.8	94.5	97.2	99.9	99.9	102.6	116.1	129.6	140.4	153.9
17.5°	72.9	70.2	67.5	72.9	78.3	83.7	89.1	97.2	102.6	110.7	116.1
20°	67.5	67.5	67.5	70.2	72.9	72.9	75.6	78.3	83.7	86.4	89.1
22.5°	54.0	59.4	62.1	62.1	62.1	59.4	59.4	67.5	75.6	83.7	91.8
25°	48.6	48.6	45.9	51.3	54.0	59.4	62.1	64.8	64.8	67.5	67.5
27.5°	40.5	43.2	45.9	48.6	48.6	51.3	51.3	56.7	62.1	67.5	72.9
30°	37.8	37.8	37.8	40.5	45.9	48.6	51.3	56.7	62.1	64.8	70.2
32.5°	29.7	32.4	32.4	35.1	40.5	43.2	45.9	54.0	59.4	67.5	72.9
35°	27.0	29.7	29.7	32.4	35.1	37.8	40.5	48.6	54.0	62.1	67.5
37.5°	21.6	24.3	24.3	27.0	29.7	32.4	35.1	40.5	48.6	54.0	59.4
40°	18.9	21.6	21.6	24.3	27.0	27.0	29.7	35.1	40.5	45.9	51.3
42.5°	16.2	16.2	16.2	18.9	21.6	24.3	27.0	32.4	37.8	40.5	45.9
45°	13.5	13.5	13.5	16.2	18.9	21.6	24.3	29.7	32.4	37.8	40.5
47.5°	10.8	10.8	10.8	13.5	16.2	18.9	21.6	24.3	29.7	32.4	35.1
50°	8.1	10.8	10.8	13.5	16.2	16.2	18.9	21.6	27.0	29.7	32.4
52.5°	8.1	8.1	8.1	10.8	13.5	13.5	16.2	18.9	21.6	24.3	27.0
55°	5.4	5.4	5.4	8.1	10.8	10.8	13.5	16.2	18.9	21.6	24.3
57.5°	5.4	5.4	5.4	8.1	8.1	10.8	10.8	13.5	16.2	18.9	21.6
60°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	10.8	13.5	16.2	18.9
62.5°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	10.8	13.5	16.2	18.9
65°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	10.8	13.5	13.5	16.2
67.5°	2.7	2.7	2.7	2.7	5.4	5.4	5.4	8.1	10.8	13.5	16.2
70°	5.4	2.7	2.7	2.7	5.4	5.4	5.4	8.1	8.1	10.8	10.8
72.5°	5.4	2.7	2.7	2.7	5.4	5.4	5.4	8.1	8.1	10.8	10.8
75°	5.4	5.4	2.7	2.7	5.4	5.4	5.4	5.4	8.1	8.1	8.1
77.5°	5.4	5.4	2.7	2.7	5.4	5.4	5.4	5.4	8.1	8.1	8.1
80°	5.4	5.4	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4	5.4
82.5°	5.4	5.4	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	8.1	5.4	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	8.1	5.4	2.7	5.4	5.4	8.1	8.1	8.1	8.1	5.4	5.4
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	748.1	761.6	777.8	791.3	807.5	823.8	840.0	856.2	872.4	888.6	904.8
5°	623.9	653.6	680.6	707.6	737.3	769.7	799.4	829.2	861.6	894.0	923.7
7.5°	437.5	472.6	507.8	542.9	586.1	629.3	669.8	713.0	753.5	794.0	834.6
10°	299.8	324.1	345.7	370.0	426.7	483.4	540.2	596.9	648.2	696.8	742.7
12.5°	240.4	259.3	275.5	291.7	345.7	402.4	456.4	510.5	561.8	613.1	659.0
15°	197.2	237.7	280.9	321.4	402.4	480.7	561.8	640.1	718.4	796.7	856.2
17.5°	153.9	191.8	229.6	267.4	343.0	415.9	491.5	564.5	634.7	704.9	769.7
20°	132.3	175.6	218.8	262.0	364.6	467.2	569.9	672.5	777.8	880.5	964.2
22.5°	118.8	145.8	170.2	197.2	267.4	334.9	405.1	472.6	556.4	637.4	702.2
25°	99.9	132.3	164.8	197.2	313.3	429.4	545.6	661.7	804.8	948.0	1061.4
27.5°	97.2	121.5	145.8	170.2	321.4	472.6	623.9	775.1	956.1	1137.0	1288.3
30°	91.8	113.4	132.3	153.9	332.2	510.5	688.7	867.0	1123.5	1377.4	1558.4
32.5°	86.4	99.9	110.7	124.2	302.5	483.4	661.7	840.0	1139.7	1436.8	1642.1
35°	75.6	86.4	94.5	102.6	280.9	459.1	634.7	812.9	1156.0	1496.3	1728.5
37.5°	67.5	75.6	83.7	91.8	264.7	434.8	607.7	777.8	1172.2	1566.5	1828.5
40°	59.4	67.5	75.6	83.7	248.5	413.2	575.3	740.0	1188.4	1636.7	1925.7
42.5°	54.0	62.1	70.2	78.3	235.0	391.6	545.6	702.2	1207.3	1712.3	2033.7
45°	48.6	56.7	62.1	70.2	216.1	361.9	507.8	653.6	1234.3	1815.0	2163.4
47.5°	43.2	51.3	59.4	67.5	202.6	337.6	469.9	605.0	1261.3	1917.6	2303.8
50°	40.5	48.6	54.0	62.1	191.8	321.4	451.0	580.7	1315.3	2047.2	2474.0
52.5°	35.1	43.2	48.6	56.7	183.7	307.9	434.8	559.1	1380.1	2198.5	2676.5
55°	32.4	37.8	45.9	51.3	170.2	286.3	405.1	521.3	1393.6	2263.3	2792.6
57.5°	27.0	35.1	40.5	45.9	156.6	267.4	375.4	486.1	1417.9	2347.0	2903.4
60°	24.3	29.7	35.1	40.5	143.1	248.5	351.1	453.7	1447.6	2441.5	3041.1
62.5°	24.3	27.0	32.4	35.1	129.6	226.9	321.4	415.9	1496.3	2573.9	3238.3
65°	21.6	24.3	29.7	32.4	118.8	208.0	294.4	380.8	1542.2	2700.8	3470.6
67.5°	18.9	24.3	27.0	29.7	108.0	183.7	262.0	337.6	1542.2	2746.7	3654.2
70°	16.2	18.9	24.3	27.0	89.1	148.5	210.7	270.1	1431.4	2592.8	3624.5
72.5°	13.5	16.2	18.9	21.6	59.4	97.2	132.3	170.2	1166.8	2163.4	3222.1
75°	10.8	13.5	13.5	16.2	32.4	51.3	67.5	83.7	826.5	1566.5	2403.7
77.5°	10.8	10.8	13.5	13.5	21.6	32.4	40.5	48.6	410.5	769.7	1234.3
80°	8.1	8.1	10.8	10.8	16.2	21.6	24.3	29.7	97.2	162.0	262.0
82.5°	5.4	8.1	8.1	8.1	10.8	13.5	13.5	16.2	21.6	27.0	43.2
85°	5.4	5.4	5.4	5.4	5.4	8.1	8.1	8.1	10.8	10.8	16.2
87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	8.1
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	918.3	931.8	942.6	956.1	972.3	983.1	993.9	1004.7	1015.5	1026.3	1037.1
5°	950.7	977.7	1002.0	1029.0	1056.0	1072.2	1088.4	1104.6	1120.8	1091.1	1061.4
7.5°	875.1	907.5	939.9	972.3	996.6	988.5	980.4	972.3	964.2	999.3	1031.7
10°	785.9	812.9	842.7	869.7	802.1	815.6	826.5	840.0	850.8	869.7	888.6
12.5°	704.9	696.8	691.4	683.3	704.9	758.9	812.9	864.3	918.3	926.4	937.2
15°	915.6	921.0	926.4	931.8	937.2	910.2	883.2	853.5	826.5	834.6	842.7
17.5°	834.6	842.7	853.5	861.6	891.3	910.2	926.4	945.3	961.5	996.6	1031.7
20°	1045.2	1064.1	1080.3	1099.2	1037.1	1002.0	964.2	929.1	891.3	929.1	966.9
22.5°	767.0	858.9	950.7	1042.5	1023.6	1083.0	1142.4	1199.2	1258.6	1196.5	1134.3
25°	1172.2	1215.4	1261.3	1304.5	1331.5	1272.1	1212.7	1153.3	1093.8	1139.7	1185.7
27.5°	1439.5	1428.7	1417.9	1407.1	1461.1	1439.5	1417.9	1393.6	1372.0	1328.8	1282.9
30°	1736.6	1823.1	1909.5	1995.9	2017.5	1920.3	1820.4	1723.1	1623.2	1569.2	1512.5
32.5°	1844.7	1952.7	2058.0	2166.1	2160.7	2103.9	2047.2	1987.8	1931.1	1836.6	1744.7
35°	1960.8	2082.3	2201.2	2322.7	2371.3	2287.6	2201.2	2117.4	2031.0	1966.2	1901.4
37.5°	2087.7	2220.1	2352.4	2484.8	2590.1	2484.8	2382.1	2276.8	2171.5	2103.9	2036.4
40°	2212.0	2392.9	2571.2	2752.1	2757.5	2652.2	2544.2	2438.8	2330.8	2257.9	2185.0
42.5°	2352.4	2557.7	2760.2	2965.5	2968.2	2854.8	2744.0	2630.6	2517.2	2444.2	2371.3
45°	2509.1	2741.3	2970.9	3203.2	3189.7	3060.0	2930.4	2800.8	2671.1	2606.3	2538.8
47.5°	2690.0	2941.2	3192.4	3443.5	3527.3	3351.7	3173.5	2997.9	2819.7	2760.2	2700.8
50°	2898.0	3168.1	3438.1	3708.2	3819.0	3611.0	3403.0	3192.4	2984.4	2925.0	2865.6
52.5°	3151.9	3430.0	3705.5	3983.7	4097.1	3870.3	3643.4	3416.5	3189.7	3116.7	3043.8
55°	3319.3	3640.7	3959.4	4280.8	4410.4	4159.3	3908.1	3654.2	3403.0	3303.1	3200.5
57.5°	3459.8	3789.3	4116.1	4445.6	4575.2	4315.9	4056.6	3794.7	3535.4	3413.8	3292.3
60°	3638.0	3972.9	4310.5	4645.4	4756.1	4475.3	4194.4	3910.8	3629.9	3489.5	3351.7
62.5°	3900.0	4218.7	4537.4	4856.1	4929.0	4629.2	4332.1	4032.3	3732.5	3554.3	3376.0
65°	4240.3	4559.0	4880.4	5199.1	5277.4	4920.9	4567.1	4210.6	3854.1	3619.1	3384.1
67.5°	4559.0	4923.6	5290.9	5655.5	5733.8	5293.6	4850.7	4410.4	3967.5	3659.6	3351.7
70°	4653.5	5085.6	5517.8	5949.9	6052.5	5534.0	5015.4	4494.2	3975.6	3589.4	3205.9
72.5°	4280.8	4772.4	5261.2	5752.7	5947.2	5393.5	4839.9	4283.5	3729.8	3295.0	2862.9
75°	3238.3	3719.0	4202.5	4683.2	4931.7	4445.6	3962.1	3476.0	2989.8	2592.8	2198.5
77.5°	1698.8	2060.7	2419.9	2781.8	3227.5	2849.4	2468.6	2090.4	1709.6	1466.5	1220.8
80°	359.2	483.4	605.0	729.2	980.4	891.3	804.8	715.7	626.6	526.7	424.0
82.5°	59.4	78.3	97.2	116.1	145.8	145.8	148.5	148.5	148.5	129.6	108.0
85°	18.9	24.3	29.7	35.1	35.1	37.8	37.8	40.5	40.5	40.5	37.8
87.5°	8.1	8.1	10.8	10.8	10.8	10.8	13.5	13.5	13.5	13.5	13.5
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: P561174

CATALOG NUMBER: SDL-PA1-80-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	1047.9	1058.7	1066.8	1077.6	1085.7	1093.8	1099.2	1101.9	1107.3	1110.0	1104.6
5°	1029.0	999.3	1010.1	1020.9	1029.0	1039.8	1047.9	1056.0	1061.4	1069.5	1074.9
7.5°	1066.8	1099.2	1112.7	1126.2	1139.7	1153.3	1161.4	1169.5	1174.9	1183.0	1185.7
10°	907.5	926.4	966.9	1010.1	1050.6	1091.1	1077.6	1064.1	1050.6	1037.1	1096.5
12.5°	945.3	953.4	977.7	999.3	1023.6	1045.2	1091.1	1134.3	1180.3	1223.5	1250.5
15°	850.8	858.9	923.7	985.8	1050.6	1112.7	1093.8	1074.9	1056.0	1037.1	1066.8
17.5°	1064.1	1099.2	1037.1	972.3	910.2	845.4	921.0	999.3	1074.9	1150.5	1177.6
20°	1004.7	1042.5	1074.9	1107.3	1139.7	1172.2	1145.1	1120.8	1093.8	1066.8	1045.2
22.5°	1069.5	1007.4	1045.2	1085.7	1123.5	1161.4	1142.4	1126.2	1107.3	1088.4	1131.6
25°	1228.9	1274.8	1215.4	1156.0	1096.5	1037.1	1104.6	1172.2	1237.0	1304.5	1261.3
27.5°	1239.7	1193.8	1247.8	1299.1	1353.1	1404.4	1347.7	1293.7	1237.0	1180.3	1242.4
30°	1458.4	1401.7	1385.5	1369.3	1353.1	1336.9	1366.6	1396.3	1423.3	1453.0	1461.1
32.5°	1650.2	1555.7	1580.0	1607.0	1631.3	1655.6	1634.0	1615.1	1593.5	1571.9	1663.7
35°	1836.6	1771.7	1782.5	1793.3	1804.1	1815.0	1820.4	1823.1	1828.5	1831.2	1950.0
37.5°	1966.2	1898.7	1936.5	1974.3	2012.1	2049.9	2049.9	2047.2	2047.2	2044.5	2179.6
40°	2109.3	2036.4	2090.4	2141.8	2195.8	2247.1	2257.9	2268.7	2279.5	2290.3	2414.5
42.5°	2295.7	2222.8	2268.7	2311.9	2357.8	2401.0	2419.9	2438.8	2455.0	2474.0	2598.2
45°	2474.0	2406.4	2441.5	2476.7	2511.8	2546.9	2563.1	2579.3	2595.5	2611.7	2754.8
47.5°	2641.4	2582.0	2603.6	2622.5	2644.1	2663.0	2676.5	2687.3	2700.8	2711.6	2854.8
50°	2806.2	2746.7	2752.1	2757.5	2760.2	2765.6	2771.0	2779.1	2784.5	2789.9	2957.4
52.5°	2968.2	2895.3	2881.8	2868.3	2854.8	2841.3	2841.3	2838.6	2838.6	2835.9	2965.5
55°	3100.5	2997.9	2965.5	2930.4	2898.0	2862.9	2849.4	2835.9	2819.7	2806.2	2873.7
57.5°	3168.1	3046.5	2997.9	2946.6	2898.0	2846.7	2800.8	2752.1	2706.2	2657.6	2646.8
60°	3211.3	3070.8	2995.2	2916.9	2841.3	2762.9	2649.5	2536.1	2422.6	2309.2	2249.8
62.5°	3195.1	3016.8	2900.7	2781.8	2665.7	2546.9	2371.3	2195.8	2017.5	1842.0	1758.2
65°	3146.5	2911.5	2744.0	2573.9	2406.4	2236.3	2025.6	1815.0	1604.3	1393.6	1315.3
67.5°	3043.8	2735.9	2501.0	2268.7	2033.7	1798.7	1585.4	1372.0	1158.7	945.3	888.6
70°	2819.7	2433.4	2158.0	1879.8	1604.3	1326.1	1145.1	961.5	780.5	596.9	569.9
72.5°	2428.0	1993.2	1712.3	1434.1	1153.3	872.4	748.1	623.9	499.7	375.4	367.3
75°	1801.4	1404.4	1188.4	969.6	753.5	534.8	461.8	391.6	318.7	245.8	248.5
77.5°	977.7	731.9	629.3	526.7	421.3	318.7	283.6	248.5	213.4	178.3	183.7
80°	324.1	221.5	205.3	189.1	172.9	156.6	143.1	129.6	116.1	102.6	108.0
82.5°	89.1	67.5	72.9	81.0	86.4	91.8	91.8	91.8	89.1	89.1	89.1
85°	37.8	35.1	32.4	32.4	29.7	27.0	32.4	37.8	43.2	48.6	51.3
87.5°	10.8	10.8	10.8	8.1	8.1	5.4	5.4	5.4	5.4	5.4	8.1
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9	885.9
2.5°	1101.9	1096.5	1091.1	1083.0	1077.6	1069.5	1061.4	1053.3	1045.2	1034.4	1026.3
5°	1080.3	1085.7	1091.1	1093.8	1099.2	1101.9	1104.6	1107.3	1110.0	1110.0	1112.7
7.5°	1185.7	1188.4	1188.4	1172.2	1158.7	1142.4	1126.2	1123.5	1123.5	1120.8	1118.1
10°	1158.7	1218.1	1277.5	1277.5	1274.8	1274.8	1272.1	1272.1	1274.8	1274.8	1274.8
12.5°	1277.5	1304.5	1331.5	1320.7	1312.6	1301.8	1291.0	1245.1	1196.5	1150.5	1101.9
15°	1096.5	1123.5	1153.3	1193.8	1234.3	1274.8	1315.3	1312.6	1312.6	1309.9	1307.2
17.5°	1201.9	1228.9	1253.2	1234.3	1215.4	1193.8	1174.9	1139.7	1104.6	1069.5	1034.4
20°	1026.3	1004.7	983.1	1069.5	1156.0	1242.4	1328.8	1326.1	1326.1	1323.4	1320.7
22.5°	1174.9	1215.4	1258.6	1226.2	1193.8	1161.4	1128.9	1123.5	1115.4	1110.0	1101.9
25°	1218.1	1172.2	1128.9	1210.0	1293.7	1374.7	1455.7	1469.2	1482.8	1493.6	1507.1
27.5°	1307.2	1369.3	1431.4	1415.2	1399.0	1380.1	1363.9	1374.7	1385.5	1396.3	1407.1
30°	1471.9	1480.0	1488.2	1607.0	1728.5	1847.4	1966.2	1982.4	1995.9	2012.1	2025.6
32.5°	1755.5	1844.7	1936.5	2009.4	2085.0	2158.0	2230.9	2328.1	2428.0	2525.3	2622.5
35°	2071.5	2190.4	2309.2	2449.6	2592.8	2733.2	2873.7	2908.8	2946.6	2981.7	3016.8
37.5°	2314.6	2449.6	2584.7	2730.5	2873.7	3019.5	3162.7	3189.7	3216.7	3243.7	3270.7
40°	2538.8	2663.0	2787.2	2941.2	3095.1	3249.1	3403.0	3424.6	3446.2	3467.9	3489.5
42.5°	2722.4	2844.0	2968.2	3122.1	3276.1	3430.0	3584.0	3602.9	3619.1	3638.0	3654.2
45°	2898.0	3041.1	3184.3	3319.3	3454.4	3586.7	3721.7	3735.2	3746.0	3759.5	3770.3
47.5°	3000.6	3143.8	3286.9	3413.8	3540.8	3665.0	3792.0	3792.0	3792.0	3792.0	3792.0
50°	3124.8	3289.6	3457.1	3521.9	3584.0	3648.8	3710.9	3697.4	3683.9	3667.7	3654.2
52.5°	3092.4	3222.1	3349.0	3373.3	3397.6	3421.9	3446.2	3411.1	3378.7	3343.6	3308.5
55°	2941.2	3006.0	3073.5	3033.0	2989.8	2949.3	2906.1	2806.2	2706.2	2606.3	2506.4
57.5°	2636.0	2625.2	2614.4	2506.4	2401.0	2293.0	2185.0	2120.1	2058.0	1993.2	1928.4
60°	2193.1	2133.6	2074.2	1977.0	1879.8	1782.5	1685.3	1650.2	1612.4	1577.3	1539.5
62.5°	1674.5	1590.8	1507.1	1458.4	1409.8	1361.2	1312.6	1277.5	1239.7	1204.6	1166.8
65°	1239.7	1161.4	1083.0	1042.5	1002.0	958.8	918.3	894.0	869.7	842.7	818.3
67.5°	834.6	777.8	721.1	696.8	669.8	645.5	618.5	607.7	594.2	583.4	569.9
70°	540.2	513.2	483.4	472.6	464.5	453.7	442.9	432.1	421.3	410.5	399.7
72.5°	359.2	351.1	343.0	337.6	332.2	326.8	321.4	316.0	307.9	302.5	294.4
75°	248.5	251.2	251.2	248.5	248.5	245.8	243.1	221.5	199.9	178.3	156.6
77.5°	186.4	191.8	194.5	181.0	167.5	151.2	137.7	135.0	132.3	129.6	126.9
80°	116.1	121.5	126.9	121.5	118.8	113.4	108.0	102.6	97.2	91.8	86.4
82.5°	89.1	89.1	89.1	83.7	78.3	70.2	64.8	62.1	59.4	56.7	54.0
85°	54.0	56.7	59.4	54.0	45.9	40.5	32.4	27.0	21.6	16.2	10.8
87.5°	8.1	10.8	10.8	10.8	8.1	8.1	5.4	5.4	5.4	2.7	2.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	885.9	885.9
2.5°	1004.7	983.1
5°	1115.4	1118.1
7.5°	1050.6	980.4
10°	1274.8	1274.8
12.5°	1088.4	1072.2
15°	1301.8	1296.4
17.5°	1031.7	1026.3
20°	1318.0	1315.3
22.5°	1101.9	1099.2
25°	1509.8	1509.8
27.5°	1407.1	1404.4
30°	2025.6	2025.6
32.5°	2673.8	2722.4
35°	3024.9	3033.0
37.5°	3284.2	3295.0
40°	3497.6	3505.7
42.5°	3656.9	3656.9
45°	3770.3	3770.3
47.5°	3789.3	3786.6
50°	3646.1	3638.0
52.5°	3276.1	3241.0
55°	2487.5	2465.8
57.5°	1923.0	1914.9
60°	1539.5	1539.5
62.5°	1156.0	1145.1
65°	807.5	794.0
67.5°	564.5	559.1
70°	399.7	397.0
72.5°	291.7	289.0
75°	153.9	148.5
77.5°	126.9	124.2
80°	89.1	89.1
82.5°	54.0	51.3
85°	8.1	5.4
87.5°	2.7	2.7
90°	0.0	0.0

(END OF REPORT)