

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: P561020

Luminaire Tested: **SDL-PA1-80-722-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561020
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-PA1-80-722-U-T2R-HSS
Description: Springdale
(1) 70 CRI, 2200K, 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: 5586.1 lumens
Efficiency: N/A
Efficacy: 68.1 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

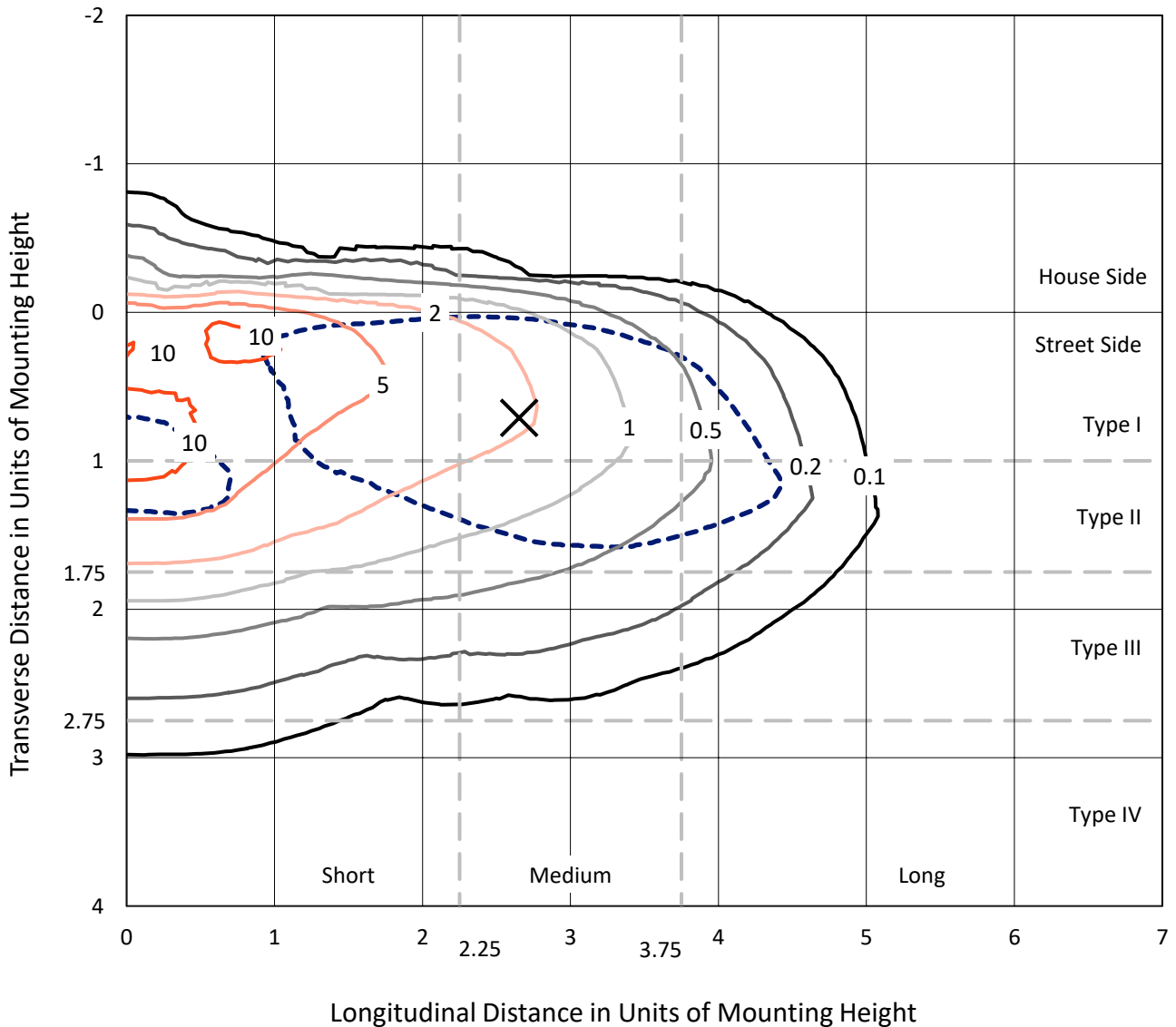
Input Watts (W): 82
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

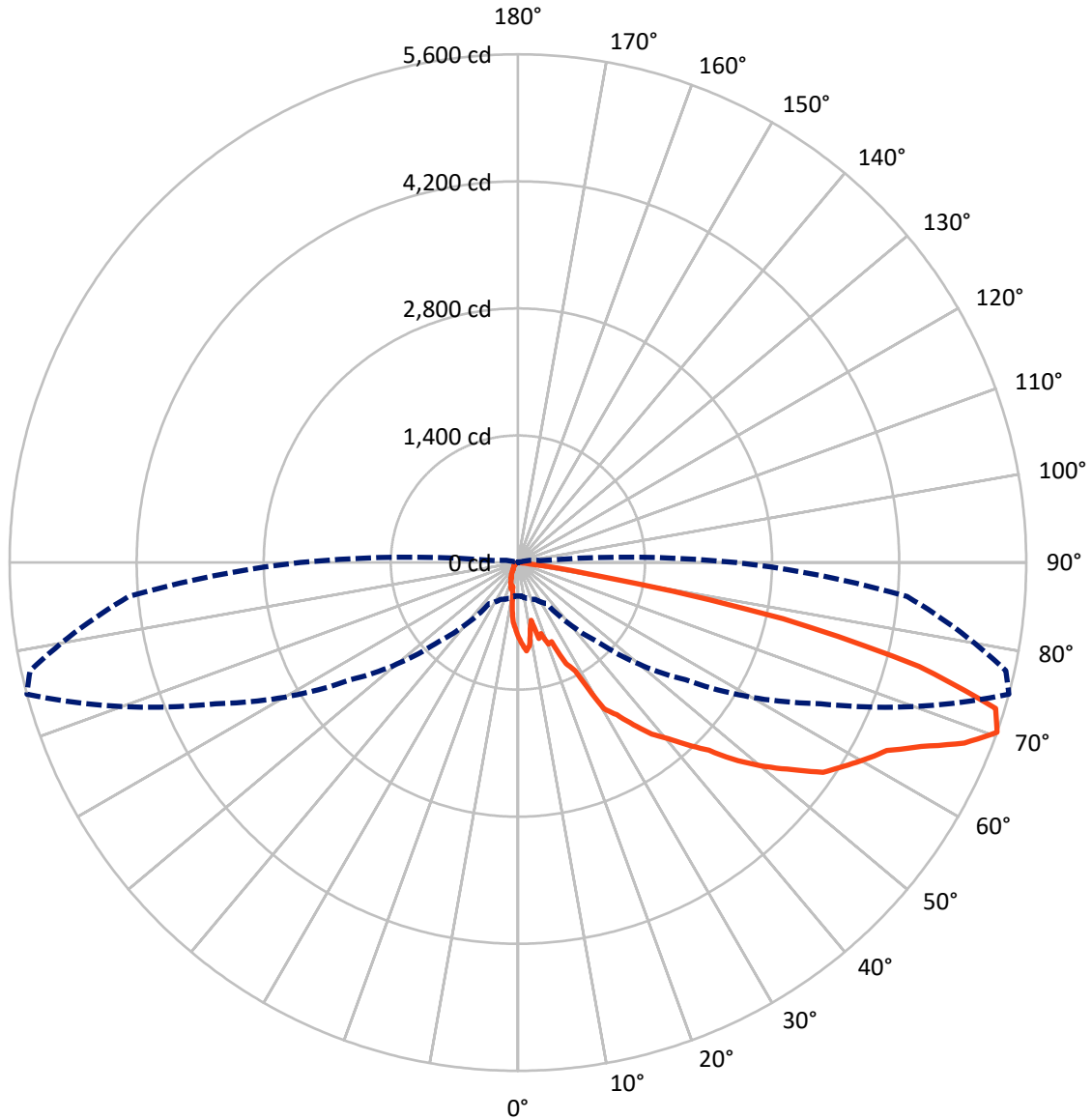
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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

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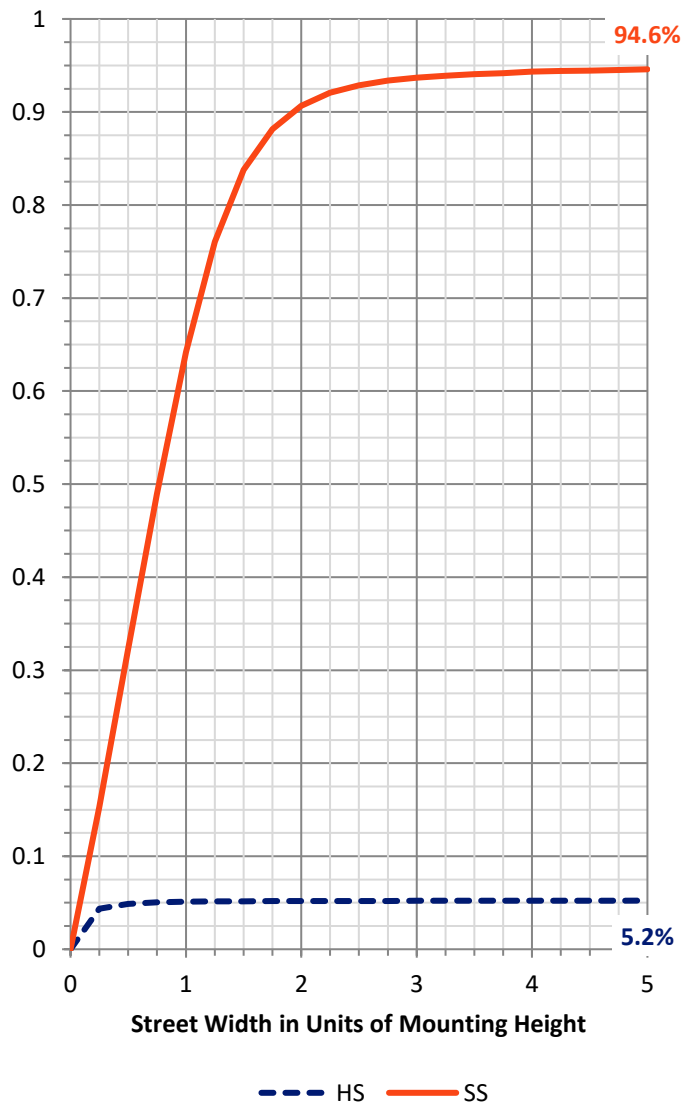
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	295.1	0.0	295.1
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	5290.9	0.0	5290.9
	% Fixture	94.7	0.0	94.7
Total	Lumens	5586.1	0.0	5586.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	1.2
10°-20°	161.2	2.9
20°-30°	306.4	5.5
30°-40°	680.8	12.2
40°-50°	1097.7	19.7
50°-60°	1323.0	23.7
60°-70°	1199.1	21.5
70°-80°	714.6	12.8
80°-90°	38.5	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°	5586.1	100.0
0°-180°	5586.1	100.0

Coefficient of Utilization



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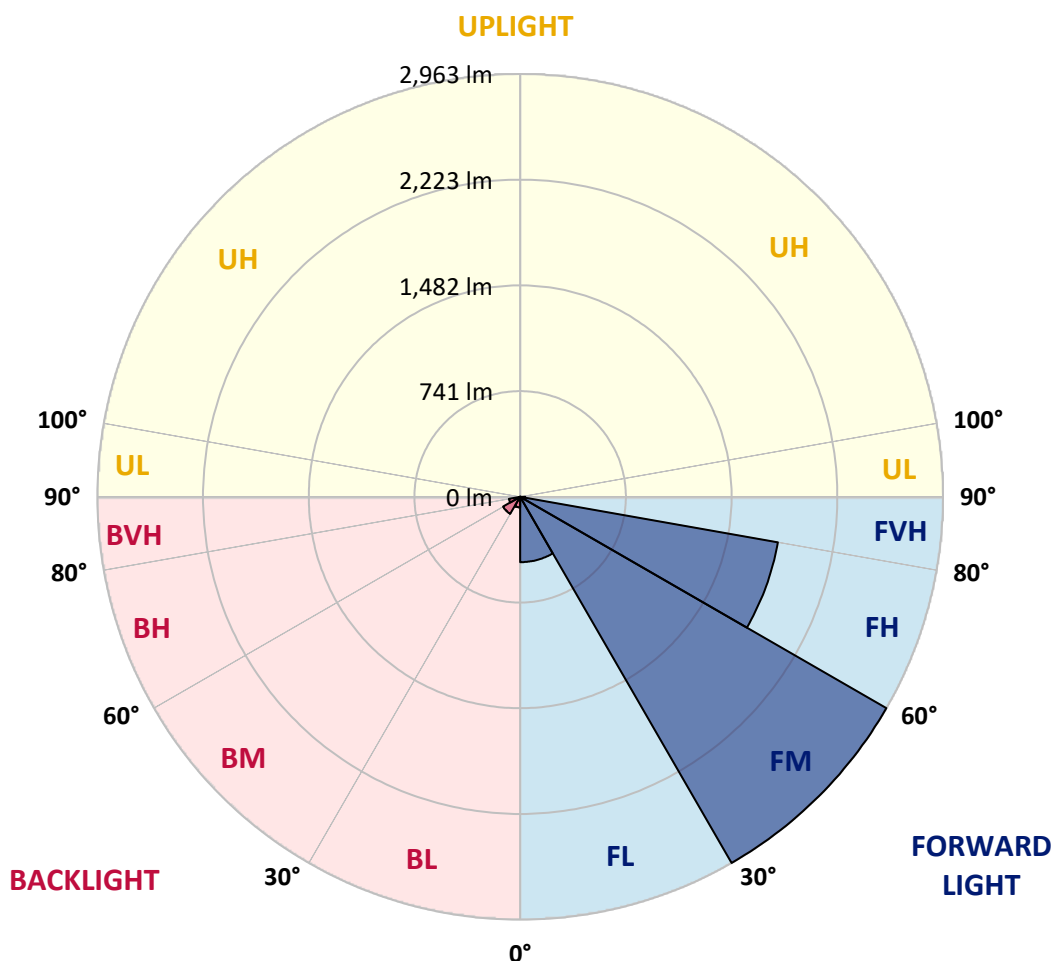
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	458.2	8.2			
FM	(30°-60°)	2963.4	53.1			
FH	(60°-80°)	1834.1	32.8			G2/5000
FVH	(80°-90°)	35.2	0.6			G1/100
BL	(0°-30°)	74.2	1.3	B0/110		
BM	(30°-60°)	138.1	2.5	B0/220		
BH	(60°-80°)	79.5	1.4	B0/110		G0/110
BVH	(80°-90°)	3.3	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°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	909.6	929.6	949.6	957.1	967.1	974.6	982.1	989.6	997.1	1002.1	1009.6
5°	1034.5	1032.0	1029.5	1027.1	1027.1	1024.6	1022.1	1019.6	1017.1	1012.1	1009.6
7.5°	907.1	972.1	1034.5	1037.0	1039.5	1039.5	1042.0	1057.0	1072.0	1084.5	1099.5
10°	1179.5	1179.5	1179.5	1179.5	1179.5	1177.0	1177.0	1179.5	1179.5	1182.0	1182.0
12.5°	992.1	1007.1	1019.6	1064.5	1107.0	1152.0	1194.5	1204.5	1214.5	1222.0	1232.0
15°	1199.5	1204.5	1209.5	1212.0	1214.5	1214.5	1217.0	1179.5	1142.0	1104.5	1067.0
17.5°	949.6	954.6	957.1	989.6	1022.1	1054.5	1087.0	1104.5	1124.5	1142.0	1159.5
20°	1217.0	1219.5	1222.0	1224.5	1227.0	1227.0	1229.5	1149.5	1069.5	989.6	909.6
22.5°	1017.1	1019.6	1019.6	1027.1	1032.0	1039.5	1044.5	1074.5	1104.5	1134.5	1164.5
25°	1396.9	1396.9	1394.4	1381.9	1371.9	1359.4	1346.9	1271.9	1197.0	1119.5	1044.5
27.5°	1299.4	1301.9	1301.9	1291.9	1281.9	1271.9	1261.9	1276.9	1294.4	1309.4	1324.4
30°	1874.2	1874.2	1874.2	1861.7	1846.7	1834.2	1819.2	1709.3	1599.3	1486.8	1376.9
32.5°	2518.9	2473.9	2426.4	2336.5	2246.5	2154.1	2064.1	1996.6	1929.2	1859.2	1791.7
35°	2806.3	2798.8	2791.3	2758.8	2726.3	2691.3	2658.8	2528.9	2398.9	2266.5	2136.6
37.5°	3048.7	3038.7	3026.2	3001.2	2976.2	2951.2	2926.2	2793.8	2658.8	2526.4	2391.5
40°	3243.6	3236.1	3228.6	3208.6	3188.6	3168.6	3148.6	3006.2	2863.7	2721.3	2578.9
42.5°	3383.5	3383.5	3381.0	3366.0	3348.5	3333.5	3316.0	3173.6	3031.2	2888.7	2746.3
45°	3488.5	3488.5	3488.5	3478.5	3466.0	3456.0	3443.5	3318.5	3196.1	3071.2	2946.2
47.5°	3503.5	3506.0	3508.5	3508.5	3508.5	3508.5	3508.5	3391.0	3276.1	3158.6	3041.2
50°	3366.0	3373.5	3381.0	3393.5	3408.5	3421.0	3433.5	3376.0	3316.0	3258.6	3198.6
52.5°	2998.7	3031.2	3061.2	3093.6	3126.1	3156.1	3188.6	3166.1	3143.6	3121.1	3098.6
55°	2281.5	2301.5	2319.0	2411.4	2503.9	2596.4	2688.8	2728.8	2766.3	2806.3	2843.8
57.5°	1771.7	1779.2	1784.2	1844.2	1904.2	1961.6	2021.6	2121.6	2221.5	2319.0	2418.9
60°	1424.4	1424.4	1424.4	1459.4	1491.8	1526.8	1559.3	1649.3	1739.2	1829.2	1919.2
62.5°	1059.5	1069.5	1079.5	1114.5	1147.0	1182.0	1214.5	1259.4	1304.4	1349.4	1394.4
65°	734.7	747.2	757.2	779.7	804.6	827.1	849.6	887.1	927.1	964.6	1002.1
67.5°	517.3	522.3	527.3	539.8	549.8	562.3	572.2	597.2	619.7	644.7	667.2
70°	367.3	369.8	369.8	379.8	389.8	399.8	409.8	419.8	429.8	437.3	447.3
72.5°	267.4	269.9	272.4	279.9	284.9	292.4	297.4	302.4	307.4	312.4	317.4
75°	137.4	142.4	144.9	164.9	184.9	204.9	224.9	227.4	229.9	229.9	232.4
77.5°	114.9	117.4	117.4	119.9	122.4	124.9	127.4	139.9	154.9	167.4	179.9
80°	82.5	82.5	80.0	85.0	90.0	95.0	100.0	105.0	110.0	112.5	117.4
82.5°	47.5	50.0	50.0	52.5	55.0	57.5	60.0	65.0	72.5	77.5	82.5
85°	5.0	7.5	10.0	15.0	20.0	25.0	30.0	37.5	42.5	50.0	55.0
87.5°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	1014.6	1019.6	1022.1	1027.1	1024.6	1019.6	1017.1	1012.1	1004.6	997.1	987.1
5°	1004.6	999.6	994.6	989.6	982.1	977.1	969.6	962.1	952.1	944.6	934.6
7.5°	1099.5	1097.0	1097.0	1094.5	1087.0	1082.0	1074.5	1067.0	1054.5	1042.0	1029.5
10°	1127.0	1072.0	1014.6	959.6	972.1	984.6	997.1	1009.6	972.1	934.6	894.6
12.5°	1207.0	1182.0	1157.0	1132.0	1092.0	1049.5	1009.6	967.1	947.1	924.6	904.6
15°	1039.5	1014.6	987.1	959.6	977.1	994.6	1012.1	1029.5	972.1	912.1	854.6
17.5°	1137.0	1112.0	1089.5	1064.5	994.6	924.6	852.1	782.2	842.1	899.6	959.6
20°	929.6	949.6	967.1	987.1	1012.1	1037.0	1059.5	1084.5	1054.5	1024.6	994.6
22.5°	1124.5	1087.0	1047.0	1007.1	1024.6	1042.0	1057.0	1074.5	1039.5	1004.6	967.1
25°	1084.5	1127.0	1167.0	1207.0	1144.5	1084.5	1022.1	959.6	1014.6	1069.5	1124.5
27.5°	1266.9	1209.5	1149.5	1092.0	1144.5	1197.0	1247.0	1299.4	1252.0	1202.0	1154.5
30°	1369.4	1361.9	1351.9	1344.4	1316.9	1291.9	1264.4	1237.0	1252.0	1266.9	1281.9
32.5°	1706.8	1624.3	1539.3	1454.4	1474.4	1494.3	1511.8	1531.8	1509.3	1486.8	1461.9
35°	2026.6	1916.7	1804.2	1694.3	1691.8	1686.8	1684.3	1679.3	1669.3	1659.3	1649.3
37.5°	2266.5	2141.6	2016.6	1891.7	1894.2	1894.2	1896.7	1896.7	1861.7	1826.7	1791.7
40°	2463.9	2349.0	2234.0	2119.1	2109.1	2099.1	2089.1	2079.1	2031.6	1981.6	1934.2
42.5°	2631.3	2518.9	2403.9	2289.0	2271.5	2256.5	2239.0	2221.5	2181.5	2139.1	2099.1
45°	2813.8	2681.3	2548.9	2416.4	2401.4	2386.5	2371.5	2356.5	2324.0	2291.5	2259.0
47.5°	2908.7	2776.3	2641.3	2508.9	2498.9	2486.4	2476.4	2463.9	2446.4	2426.4	2408.9
50°	3043.7	2891.2	2736.3	2581.4	2576.4	2571.4	2563.9	2558.9	2553.9	2551.4	2546.4
52.5°	2981.2	2861.2	2743.8	2623.9	2626.3	2626.3	2628.8	2628.8	2641.3	2653.8	2666.3
55°	2781.3	2721.3	2658.8	2596.4	2608.9	2623.9	2636.3	2648.8	2681.3	2711.3	2743.8
57.5°	2428.9	2438.9	2448.9	2458.9	2503.9	2546.4	2591.4	2633.8	2681.3	2726.3	2773.8
60°	1974.1	2029.1	2081.6	2136.6	2241.5	2346.5	2451.4	2556.4	2628.8	2698.8	2771.3
62.5°	1471.9	1549.3	1626.8	1704.3	1866.7	2031.6	2194.0	2356.5	2466.4	2573.9	2683.8
65°	1074.5	1147.0	1217.0	1289.4	1484.4	1679.3	1874.2	2069.1	2226.5	2381.5	2538.9
67.5°	719.7	772.2	822.1	874.6	1072.0	1269.4	1466.9	1664.3	1881.7	2099.1	2314.0
70°	474.8	499.8	527.3	552.3	722.2	889.6	1059.5	1227.0	1484.4	1739.2	1996.6
72.5°	324.9	332.4	339.9	347.3	462.3	577.2	692.2	807.1	1067.0	1326.9	1584.3
75°	232.4	229.9	229.9	227.4	294.9	362.3	427.3	494.8	697.2	897.1	1099.5
77.5°	177.4	172.4	169.9	164.9	197.4	229.9	262.4	294.9	389.8	487.3	582.2
80°	112.5	107.5	100.0	95.0	107.5	119.9	132.4	144.9	159.9	174.9	189.9
82.5°	82.5	82.5	82.5	82.5	82.5	85.0	85.0	85.0	80.0	75.0	67.5
85°	52.5	50.0	47.5	45.0	40.0	35.0	30.0	25.0	27.5	30.0	30.0
87.5°	10.0	7.5	7.5	5.0	5.0	5.0	5.0	5.0	7.5	7.5	10.0
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	979.6	969.6	959.6	949.6	939.6	929.6	919.6	909.6	899.6	884.6	872.1
5°	924.6	952.1	982.1	1009.6	1037.0	1022.1	1007.1	992.1	977.1	952.1	927.1
7.5°	1017.1	984.6	954.6	924.6	892.1	899.6	907.1	914.6	922.1	899.6	869.6
10°	857.1	839.6	822.1	804.6	787.2	777.2	764.7	754.7	742.2	804.6	779.7
12.5°	882.1	874.6	867.1	857.1	849.6	799.6	752.2	702.2	652.2	632.2	639.7
15°	794.7	787.2	779.7	772.2	764.7	789.7	817.1	842.1	867.1	862.1	857.1
17.5°	1017.1	984.6	954.6	922.1	889.6	874.6	857.1	842.1	824.6	797.2	789.7
20°	964.6	929.6	894.6	859.6	824.6	859.6	892.1	927.1	959.6	1017.1	999.6
22.5°	932.1	989.6	1049.5	1107.0	1164.5	1109.5	1057.0	1002.1	947.1	964.6	879.6
25°	1179.5	1137.0	1097.0	1054.5	1012.1	1067.0	1122.0	1177.0	1232.0	1207.0	1167.0
27.5°	1104.5	1147.0	1187.0	1229.5	1269.4	1289.4	1311.9	1331.9	1351.9	1301.9	1311.9
30°	1296.9	1349.4	1399.4	1451.9	1501.8	1594.3	1684.3	1776.7	1866.7	1846.7	1766.7
32.5°	1439.4	1526.8	1614.3	1699.3	1786.7	1839.2	1894.2	1946.6	1999.1	2004.1	1904.2
35°	1639.3	1699.3	1759.2	1819.2	1879.2	1959.1	2036.6	2116.6	2194.0	2149.1	2036.6
37.5°	1756.7	1819.2	1884.2	1946.6	2009.1	2106.6	2204.0	2299.0	2396.5	2299.0	2176.5
40°	1884.2	1951.6	2021.6	2089.1	2156.6	2256.5	2354.0	2453.9	2551.4	2546.4	2379.0
42.5°	2056.6	2124.1	2194.0	2261.5	2329.0	2433.9	2538.9	2641.3	2746.3	2743.8	2553.9
45°	2226.5	2289.0	2349.0	2411.4	2471.4	2591.4	2711.3	2831.3	2951.2	2963.7	2748.8
47.5°	2389.0	2443.9	2498.9	2553.9	2608.9	2773.8	2936.2	3101.1	3263.6	3186.1	2953.7
50°	2541.4	2596.4	2651.3	2706.3	2761.3	2953.7	3148.6	3341.0	3533.5	3431.0	3181.1
52.5°	2678.8	2746.3	2816.3	2883.7	2951.2	3161.1	3371.0	3580.9	3790.8	3685.9	3428.5
55°	2773.8	2868.7	2961.2	3056.2	3148.6	3381.0	3615.9	3848.3	4080.7	3960.8	3663.4
57.5°	2818.8	2931.2	3046.2	3158.6	3271.1	3511.0	3753.4	3993.3	4233.1	4113.2	3808.3
60°	2841.3	2971.2	3101.1	3228.6	3358.5	3618.4	3880.8	4140.7	4400.6	4298.1	3988.3
62.5°	2791.3	2956.2	3123.6	3288.6	3453.5	3730.9	4008.2	4283.1	4560.5	4493.0	4198.2
65°	2693.8	2911.2	3131.1	3348.5	3565.9	3895.8	4225.6	4553.0	4882.9	4810.4	4515.5
67.5°	2531.4	2816.3	3101.1	3386.0	3670.9	4080.7	4488.0	4897.9	5305.2	5232.7	4895.4
70°	2251.5	2608.9	2966.2	3321.0	3678.4	4158.2	4640.5	5120.3	5600.0	5505.1	5105.3
72.5°	1844.2	2246.5	2648.8	3048.7	3451.0	3963.3	4478.0	4990.3	5502.6	5322.7	4867.9
75°	1299.4	1666.8	2034.1	2398.9	2766.3	3216.1	3665.9	4113.2	4563.0	4333.1	3888.3
77.5°	677.2	904.6	1129.5	1356.9	1581.8	1934.2	2284.0	2636.3	2986.2	2573.9	2239.0
80°	204.9	299.9	392.3	487.3	579.7	662.2	744.7	824.6	907.1	674.7	559.8
82.5°	62.5	82.5	100.0	119.9	137.4	137.4	137.4	134.9	134.9	107.5	90.0
85°	32.5	35.0	35.0	37.5	37.5	37.5	35.0	35.0	32.5	32.5	27.5
87.5°	10.0	10.0	12.5	12.5	12.5	12.5	12.5	10.0	10.0	10.0	10.0
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: P561020

CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	862.1	849.6	837.1	822.1	807.1	792.2	777.2	762.2	747.2	732.2	719.7
5°	904.6	879.6	854.6	827.1	797.2	767.2	739.7	712.2	682.2	654.7	629.7
7.5°	839.6	809.6	772.2	734.7	697.2	659.7	619.7	582.2	542.3	502.3	469.8
10°	752.2	727.2	687.2	644.7	599.7	552.3	499.8	447.3	394.8	342.4	319.9
12.5°	644.7	652.2	609.7	567.3	519.8	472.3	422.3	372.3	319.9	269.9	254.9
15°	852.1	847.1	792.2	737.2	664.7	592.2	519.8	444.8	372.3	297.4	259.9
17.5°	779.7	772.2	712.2	652.2	587.2	522.3	454.8	384.8	317.4	247.4	212.4
20°	984.6	967.1	892.1	814.6	719.7	622.2	527.3	432.3	337.4	242.4	202.4
22.5°	794.7	709.7	649.7	589.7	514.8	437.3	374.8	309.9	247.4	182.4	157.4
25°	1124.5	1084.5	982.1	877.1	744.7	612.2	504.8	397.3	289.9	182.4	152.4
27.5°	1321.9	1331.9	1192.0	1052.0	884.6	717.2	577.2	437.3	297.4	157.4	134.9
30°	1686.8	1606.8	1441.9	1274.4	1039.5	802.1	637.2	472.3	307.4	142.4	122.4
32.5°	1806.7	1706.8	1519.3	1329.4	1054.5	777.2	612.2	447.3	279.9	114.9	102.5
35°	1926.7	1814.2	1599.3	1384.4	1069.5	752.2	587.2	424.8	259.9	95.0	87.5
37.5°	2054.1	1931.7	1691.8	1449.4	1084.5	719.7	562.3	402.3	244.9	85.0	77.5
40°	2214.0	2046.6	1781.7	1514.3	1099.5	684.7	532.3	382.3	229.9	77.5	70.0
42.5°	2366.5	2176.5	1881.7	1584.3	1117.0	649.7	504.8	362.3	217.4	72.5	65.0
45°	2536.4	2321.5	2001.6	1679.3	1142.0	604.7	469.8	334.9	199.9	65.0	57.5
47.5°	2721.3	2488.9	2131.6	1774.2	1167.0	559.8	434.8	312.4	187.4	62.5	55.0
50°	2931.2	2681.3	2289.0	1894.2	1217.0	537.3	417.3	297.4	177.4	57.5	50.0
52.5°	3173.6	2916.2	2476.4	2034.1	1276.9	517.3	402.3	284.9	169.9	52.5	45.0
55°	3368.5	3071.2	2583.9	2094.1	1289.4	482.3	374.8	264.9	157.4	47.5	42.5
57.5°	3506.0	3201.1	2686.3	2171.5	1311.9	449.8	347.3	247.4	144.9	42.5	37.5
60°	3675.9	3366.0	2813.8	2259.0	1339.4	419.8	324.9	229.9	132.4	37.5	32.5
62.5°	3903.3	3608.4	2996.2	2381.5	1384.4	384.8	297.4	209.9	119.9	32.5	30.0
65°	4218.2	3923.3	3211.1	2498.9	1426.9	352.3	272.4	192.4	110.0	30.0	27.5
67.5°	4555.5	4218.2	3381.0	2541.4	1426.9	312.4	242.4	169.9	100.0	27.5	25.0
70°	4705.4	4305.6	3353.5	2398.9	1324.4	249.9	194.9	137.4	82.5	25.0	22.5
72.5°	4415.6	3960.8	2981.2	2001.6	1079.5	157.4	122.4	90.0	55.0	20.0	17.5
75°	3441.0	2996.2	2224.0	1449.4	764.7	77.5	62.5	47.5	30.0	15.0	12.5
77.5°	1906.7	1571.8	1142.0	712.2	379.8	45.0	37.5	30.0	20.0	12.5	12.5
80°	447.3	332.4	242.4	149.9	90.0	27.5	22.5	20.0	15.0	10.0	10.0
82.5°	72.5	55.0	40.0	25.0	20.0	15.0	12.5	12.5	10.0	7.5	7.5
85°	22.5	17.5	15.0	10.0	10.0	7.5	7.5	7.5	5.0	5.0	5.0
87.5°	7.5	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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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 CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	704.7	692.2	677.2	667.2	657.2	644.7	634.7	624.7	614.7	604.7	594.7
5°	604.7	577.2	552.3	519.8	484.8	452.3	417.3	402.3	389.8	374.8	359.8
7.5°	437.3	404.8	372.3	359.8	347.3	332.4	319.9	307.4	294.9	282.4	269.9
10°	299.9	277.4	254.9	244.9	234.9	222.4	212.4	202.4	192.4	179.9	169.9
12.5°	239.9	222.4	207.4	189.9	172.4	154.9	137.4	132.4	127.4	119.9	114.9
15°	219.9	182.4	142.4	129.9	119.9	107.5	95.0	92.5	92.5	90.0	87.5
17.5°	177.4	142.4	107.5	102.5	95.0	90.0	82.5	77.5	72.5	67.5	62.5
20°	162.4	122.4	82.5	80.0	77.5	72.5	70.0	67.5	67.5	65.0	62.5
22.5°	134.9	110.0	85.0	77.5	70.0	62.5	55.0	55.0	57.5	57.5	57.5
25°	122.4	92.5	62.5	62.5	60.0	60.0	57.5	55.0	50.0	47.5	42.5
27.5°	112.5	90.0	67.5	62.5	57.5	52.5	47.5	47.5	45.0	45.0	42.5
30°	105.0	85.0	65.0	60.0	57.5	52.5	47.5	45.0	42.5	37.5	35.0
32.5°	92.5	80.0	67.5	62.5	55.0	50.0	42.5	40.0	37.5	32.5	30.0
35°	80.0	70.0	62.5	57.5	50.0	45.0	37.5	35.0	32.5	30.0	27.5
37.5°	70.0	62.5	55.0	50.0	45.0	37.5	32.5	30.0	27.5	25.0	22.5
40°	62.5	55.0	47.5	42.5	37.5	32.5	27.5	25.0	25.0	22.5	20.0
42.5°	57.5	50.0	42.5	37.5	35.0	30.0	25.0	22.5	20.0	17.5	15.0
45°	52.5	45.0	37.5	35.0	30.0	27.5	22.5	20.0	17.5	15.0	12.5
47.5°	47.5	40.0	32.5	30.0	27.5	22.5	20.0	17.5	15.0	12.5	10.0
50°	45.0	37.5	30.0	27.5	25.0	20.0	17.5	15.0	15.0	12.5	10.0
52.5°	40.0	32.5	25.0	22.5	20.0	17.5	15.0	12.5	12.5	10.0	7.5
55°	35.0	30.0	22.5	20.0	17.5	15.0	12.5	10.0	10.0	7.5	5.0
57.5°	32.5	25.0	20.0	17.5	15.0	12.5	10.0	10.0	7.5	7.5	5.0
60°	27.5	22.5	17.5	15.0	12.5	10.0	7.5	7.5	5.0	5.0	2.5
62.5°	25.0	22.5	17.5	15.0	12.5	10.0	7.5	7.5	5.0	5.0	2.5
65°	22.5	20.0	15.0	12.5	12.5	10.0	7.5	7.5	5.0	5.0	2.5
67.5°	22.5	17.5	15.0	12.5	10.0	7.5	5.0	5.0	5.0	2.5	2.5
70°	17.5	15.0	10.0	10.0	7.5	7.5	5.0	5.0	5.0	2.5	2.5
72.5°	15.0	12.5	10.0	10.0	7.5	7.5	5.0	5.0	5.0	2.5	2.5
75°	12.5	10.0	7.5	7.5	7.5	5.0	5.0	5.0	5.0	2.5	2.5
77.5°	10.0	10.0	7.5	7.5	7.5	5.0	5.0	5.0	5.0	2.5	2.5
80°	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
82.5°	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
85°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
87.5°	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	584.7	572.2	562.3	549.8	532.3	512.3	494.8	474.8	472.3	469.8	464.8
5°	352.3	344.8	337.4	329.9	324.9	319.9	314.9	309.9	304.9	302.4	297.4
7.5°	259.9	249.9	239.9	229.9	222.4	217.4	209.9	202.4	197.4	189.9	184.9
10°	159.9	147.4	137.4	124.9	129.9	134.9	137.4	142.4	142.4	139.9	139.9
12.5°	114.9	114.9	114.9	114.9	114.9	114.9	112.5	112.5	112.5	110.0	110.0
15°	85.0	82.5	80.0	77.5	77.5	77.5	75.0	75.0	80.0	82.5	87.5
17.5°	65.0	67.5	67.5	70.0	72.5	75.0	75.0	77.5	77.5	80.0	80.0
20°	62.5	62.5	60.0	60.0	57.5	57.5	55.0	52.5	55.0	60.0	62.5
22.5°	55.0	50.0	47.5	42.5	45.0	50.0	52.5	55.0	55.0	55.0	55.0
25°	45.0	45.0	47.5	47.5	45.0	42.5	40.0	37.5	40.0	42.5	42.5
27.5°	40.0	37.5	35.0	32.5	35.0	35.0	37.5	37.5	37.5	37.5	35.0
30°	35.0	35.0	32.5	32.5	32.5	30.0	30.0	27.5	30.0	30.0	32.5
32.5°	30.0	27.5	27.5	25.0	25.0	27.5	27.5	27.5	27.5	27.5	27.5
35°	27.5	25.0	25.0	22.5	22.5	22.5	22.5	22.5	25.0	25.0	27.5
37.5°	22.5	20.0	20.0	17.5	17.5	20.0	20.0	20.0	20.0	22.5	22.5
40°	20.0	17.5	17.5	15.0	15.0	17.5	17.5	17.5	17.5	20.0	20.0
42.5°	15.0	15.0	12.5	12.5	12.5	15.0	15.0	15.0	15.0	17.5	17.5
45°	12.5	12.5	10.0	10.0	10.0	12.5	12.5	12.5	12.5	12.5	12.5
47.5°	10.0	10.0	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0	10.0
50°	10.0	7.5	7.5	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5
52.5°	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
55°	5.0	5.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
57.5°	5.0	5.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
60°	2.5	2.5	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
62.5°	2.5	2.5	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0
65°	2.5	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	7.5	5.0
67.5°	2.5	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	5.0	5.0
70°	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0
72.5°	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0
75°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
77.5°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
80°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
82.5°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
85°	5.0	7.5	7.5	10.0	10.0	10.0	7.5	7.5	7.5	7.5	5.0
87.5°	5.0	7.5	7.5	10.0	10.0	10.0	7.5	7.5	7.5	7.5	5.0
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	462.3	457.3	452.3	444.8	439.8	444.8	449.8	444.8	439.8	444.8	452.3
5°	292.4	289.9	289.9	287.4	284.9	284.9	282.4	284.9	284.9	287.4	289.9
7.5°	177.4	174.9	172.4	167.4	164.9	169.9	172.4	169.9	164.9	167.4	172.4
10°	137.4	137.4	134.9	134.9	132.4	132.4	132.4	132.4	132.4	134.9	134.9
12.5°	107.5	105.0	102.5	100.0	97.5	102.5	105.0	102.5	97.5	100.0	102.5
15°	90.0	90.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
17.5°	80.0	77.5	77.5	75.0	72.5	72.5	70.0	72.5	72.5	75.0	77.5
20°	65.0	65.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
22.5°	55.0	52.5	52.5	50.0	47.5	47.5	45.0	47.5	47.5	50.0	52.5
25°	45.0	45.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
27.5°	35.0	35.0	35.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	35.0
30°	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
32.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
35°	27.5	27.5	27.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	27.5
37.5°	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
40°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
42.5°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
45°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
47.5°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
50°	7.5	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.5
52.5°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0
55°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62.5°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0
65°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
67.5°	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
70°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
72.5°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
75°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
77.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
80°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
82.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
85°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
87.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
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: P561020
 CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	457.3	462.3	464.8	469.8	472.3	474.8	494.8	512.3	532.3	549.8	562.3
5°	289.9	292.4	297.4	302.4	304.9	309.9	314.9	319.9	324.9	329.9	337.4
7.5°	174.9	177.4	184.9	189.9	197.4	202.4	209.9	217.4	222.4	229.9	239.9
10°	137.4	137.4	139.9	139.9	142.4	142.4	137.4	134.9	129.9	124.9	137.4
12.5°	105.0	107.5	110.0	110.0	112.5	112.5	112.5	114.9	114.9	114.9	114.9
15°	90.0	90.0	87.5	82.5	80.0	75.0	75.0	77.5	77.5	77.5	80.0
17.5°	77.5	80.0	80.0	80.0	77.5	77.5	75.0	75.0	72.5	70.0	67.5
20°	65.0	65.0	62.5	60.0	55.0	52.5	55.0	57.5	57.5	60.0	60.0
22.5°	52.5	55.0	55.0	55.0	55.0	55.0	52.5	50.0	45.0	42.5	47.5
25°	45.0	45.0	42.5	42.5	40.0	37.5	40.0	42.5	45.0	47.5	47.5
27.5°	35.0	35.0	35.0	37.5	37.5	37.5	37.5	35.0	35.0	32.5	35.0
30°	32.5	32.5	32.5	30.0	30.0	27.5	30.0	30.0	32.5	32.5	32.5
32.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	25.0	25.0	27.5
35°	27.5	27.5	27.5	25.0	25.0	22.5	22.5	22.5	22.5	22.5	25.0
37.5°	22.5	22.5	22.5	22.5	20.0	20.0	20.0	20.0	17.5	17.5	20.0
40°	20.0	20.0	20.0	20.0	17.5	17.5	17.5	17.5	15.0	15.0	17.5
42.5°	17.5	17.5	17.5	17.5	15.0	15.0	15.0	15.0	12.5	12.5	12.5
45°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	10.0	10.0	10.0
47.5°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	7.5	7.5	7.5
50°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0	5.0	7.5
52.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
55°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
60°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
62.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
65°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0	2.5	2.5
67.5°	2.5	2.5	5.0	5.0	7.5	7.5	7.5	5.0	5.0	2.5	2.5
70°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0
72.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0
75°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
85°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	10.0	10.0	10.0	7.5
87.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	10.0	10.0	10.0	7.5
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: P561020

CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	572.2	584.7	594.7	604.7	614.7	624.7	634.7	644.7	657.2	667.2	677.2
5°	344.8	352.3	359.8	374.8	389.8	402.3	417.3	452.3	484.8	519.8	552.3
7.5°	249.9	259.9	269.9	282.4	294.9	307.4	319.9	332.4	347.3	359.8	372.3
10°	147.4	159.9	169.9	179.9	192.4	202.4	212.4	222.4	234.9	244.9	254.9
12.5°	114.9	114.9	114.9	119.9	127.4	132.4	137.4	154.9	172.4	189.9	207.4
15°	82.5	85.0	87.5	90.0	92.5	92.5	95.0	107.5	119.9	129.9	142.4
17.5°	67.5	65.0	62.5	67.5	72.5	77.5	82.5	90.0	95.0	102.5	107.5
20°	62.5	62.5	62.5	65.0	67.5	67.5	70.0	72.5	77.5	80.0	82.5
22.5°	50.0	55.0	57.5	57.5	57.5	55.0	55.0	62.5	70.0	77.5	85.0
25°	45.0	45.0	42.5	47.5	50.0	55.0	57.5	60.0	60.0	62.5	62.5
27.5°	37.5	40.0	42.5	45.0	45.0	47.5	47.5	52.5	57.5	62.5	67.5
30°	35.0	35.0	35.0	37.5	42.5	45.0	47.5	52.5	57.5	60.0	65.0
32.5°	27.5	30.0	30.0	32.5	37.5	40.0	42.5	50.0	55.0	62.5	67.5
35°	25.0	27.5	27.5	30.0	32.5	35.0	37.5	45.0	50.0	57.5	62.5
37.5°	20.0	22.5	22.5	25.0	27.5	30.0	32.5	37.5	45.0	50.0	55.0
40°	17.5	20.0	20.0	22.5	25.0	25.0	27.5	32.5	37.5	42.5	47.5
42.5°	15.0	15.0	15.0	17.5	20.0	22.5	25.0	30.0	35.0	37.5	42.5
45°	12.5	12.5	12.5	15.0	17.5	20.0	22.5	27.5	30.0	35.0	37.5
47.5°	10.0	10.0	10.0	12.5	15.0	17.5	20.0	22.5	27.5	30.0	32.5
50°	7.5	10.0	10.0	12.5	15.0	15.0	17.5	20.0	25.0	27.5	30.0
52.5°	7.5	7.5	7.5	10.0	12.5	12.5	15.0	17.5	20.0	22.5	25.0
55°	5.0	5.0	5.0	7.5	10.0	10.0	12.5	15.0	17.5	20.0	22.5
57.5°	5.0	5.0	5.0	7.5	7.5	10.0	10.0	12.5	15.0	17.5	20.0
60°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.0	12.5	15.0	17.5
62.5°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.0	12.5	15.0	17.5
65°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.0	12.5	12.5	15.0
67.5°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	10.0	12.5	15.0
70°	5.0	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
72.5°	5.0	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
75°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5
77.5°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5
80°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
82.5°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	7.5	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	7.5	5.0	2.5	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0
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: P561020

CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	692.2	704.7	719.7	732.2	747.2	762.2	777.2	792.2	807.1	822.1	837.1
5°	577.2	604.7	629.7	654.7	682.2	712.2	739.7	767.2	797.2	827.1	854.6
7.5°	404.8	437.3	469.8	502.3	542.3	582.2	619.7	659.7	697.2	734.7	772.2
10°	277.4	299.9	319.9	342.4	394.8	447.3	499.8	552.3	599.7	644.7	687.2
12.5°	222.4	239.9	254.9	269.9	319.9	372.3	422.3	472.3	519.8	567.3	609.7
15°	182.4	219.9	259.9	297.4	372.3	444.8	519.8	592.2	664.7	737.2	792.2
17.5°	142.4	177.4	212.4	247.4	317.4	384.8	454.8	522.3	587.2	652.2	712.2
20°	122.4	162.4	202.4	242.4	337.4	432.3	527.3	622.2	719.7	814.6	892.1
22.5°	110.0	134.9	157.4	182.4	247.4	309.9	374.8	437.3	514.8	589.7	649.7
25°	92.5	122.4	152.4	182.4	289.9	397.3	504.8	612.2	744.7	877.1	982.1
27.5°	90.0	112.5	134.9	157.4	297.4	437.3	577.2	717.2	884.6	1052.0	1192.0
30°	85.0	105.0	122.4	142.4	307.4	472.3	637.2	802.1	1039.5	1274.4	1441.9
32.5°	80.0	92.5	102.5	114.9	279.9	447.3	612.2	777.2	1054.5	1329.4	1519.3
35°	70.0	80.0	87.5	95.0	259.9	424.8	587.2	752.2	1069.5	1384.4	1599.3
37.5°	62.5	70.0	77.5	85.0	244.9	402.3	562.3	719.7	1084.5	1449.4	1691.8
40°	55.0	62.5	70.0	77.5	229.9	382.3	532.3	684.7	1099.5	1514.3	1781.7
42.5°	50.0	57.5	65.0	72.5	217.4	362.3	504.8	649.7	1117.0	1584.3	1881.7
45°	45.0	52.5	57.5	65.0	199.9	334.9	469.8	604.7	1142.0	1679.3	2001.6
47.5°	40.0	47.5	55.0	62.5	187.4	312.4	434.8	559.8	1167.0	1774.2	2131.6
50°	37.5	45.0	50.0	57.5	177.4	297.4	417.3	537.3	1217.0	1894.2	2289.0
52.5°	32.5	40.0	45.0	52.5	169.9	284.9	402.3	517.3	1276.9	2034.1	2476.4
55°	30.0	35.0	42.5	47.5	157.4	264.9	374.8	482.3	1289.4	2094.1	2583.9
57.5°	25.0	32.5	37.5	42.5	144.9	247.4	347.3	449.8	1311.9	2171.5	2686.3
60°	22.5	27.5	32.5	37.5	132.4	229.9	324.9	419.8	1339.4	2259.0	2813.8
62.5°	22.5	25.0	30.0	32.5	119.9	209.9	297.4	384.8	1384.4	2381.5	2996.2
65°	20.0	22.5	27.5	30.0	110.0	192.4	272.4	352.3	1426.9	2498.9	3211.1
67.5°	17.5	22.5	25.0	27.5	100.0	169.9	242.4	312.4	1426.9	2541.4	3381.0
70°	15.0	17.5	22.5	25.0	82.5	137.4	194.9	249.9	1324.4	2398.9	3353.5
72.5°	12.5	15.0	17.5	20.0	55.0	90.0	122.4	157.4	1079.5	2001.6	2981.2
75°	10.0	12.5	12.5	15.0	30.0	47.5	62.5	77.5	764.7	1449.4	2224.0
77.5°	10.0	10.0	12.5	12.5	20.0	30.0	37.5	45.0	379.8	712.2	1142.0
80°	7.5	7.5	10.0	10.0	15.0	20.0	22.5	27.5	90.0	149.9	242.4
82.5°	5.0	7.5	7.5	7.5	10.0	12.5	12.5	15.0	20.0	25.0	40.0
85°	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	10.0	10.0	15.0
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	849.6	862.1	872.1	884.6	899.6	909.6	919.6	929.6	939.6	949.6	959.6
5°	879.6	904.6	927.1	952.1	977.1	992.1	1007.1	1022.1	1037.0	1009.6	982.1
7.5°	809.6	839.6	869.6	899.6	922.1	914.6	907.1	899.6	892.1	924.6	954.6
10°	727.2	752.2	779.7	804.6	742.2	754.7	764.7	777.2	787.2	804.6	822.1
12.5°	652.2	644.7	639.7	632.2	652.2	702.2	752.2	799.6	849.6	857.1	867.1
15°	847.1	852.1	857.1	862.1	867.1	842.1	817.1	789.7	764.7	772.2	779.7
17.5°	772.2	779.7	789.7	797.2	824.6	842.1	857.1	874.6	889.6	922.1	954.6
20°	967.1	984.6	999.6	1017.1	959.6	927.1	892.1	859.6	824.6	859.6	894.6
22.5°	709.7	794.7	879.6	964.6	947.1	1002.1	1057.0	1109.5	1164.5	1107.0	1049.5
25°	1084.5	1124.5	1167.0	1207.0	1232.0	1177.0	1122.0	1067.0	1012.1	1054.5	1097.0
27.5°	1331.9	1321.9	1311.9	1301.9	1351.9	1331.9	1311.9	1289.4	1269.4	1229.5	1187.0
30°	1606.8	1686.8	1766.7	1846.7	1866.7	1776.7	1684.3	1594.3	1501.8	1451.9	1399.4
32.5°	1706.8	1806.7	1904.2	2004.1	1999.1	1946.6	1894.2	1839.2	1786.7	1699.3	1614.3
35°	1814.2	1926.7	2036.6	2149.1	2194.0	2116.6	2036.6	1959.1	1879.2	1819.2	1759.2
37.5°	1931.7	2054.1	2176.5	2299.0	2396.5	2299.0	2204.0	2106.6	2009.1	1946.6	1884.2
40°	2046.6	2214.0	2379.0	2546.4	2551.4	2453.9	2354.0	2256.5	2156.6	2089.1	2021.6
42.5°	2176.5	2366.5	2553.9	2743.8	2746.3	2641.3	2538.9	2433.9	2329.0	2261.5	2194.0
45°	2321.5	2536.4	2748.8	2963.7	2951.2	2831.3	2711.3	2591.4	2471.4	2411.4	2349.0
47.5°	2488.9	2721.3	2953.7	3186.1	3263.6	3101.1	2936.2	2773.8	2608.9	2553.9	2498.9
50°	2681.3	2931.2	3181.1	3431.0	3533.5	3341.0	3148.6	2953.7	2761.3	2706.3	2651.3
52.5°	2916.2	3173.6	3428.5	3685.9	3790.8	3580.9	3371.0	3161.1	2951.2	2883.7	2816.3
55°	3071.2	3368.5	3663.4	3960.8	4080.7	3848.3	3615.9	3381.0	3148.6	3056.2	2961.2
57.5°	3201.1	3506.0	3808.3	4113.2	4233.1	3993.3	3753.4	3511.0	3271.1	3158.6	3046.2
60°	3366.0	3675.9	3988.3	4298.1	4400.6	4140.7	3880.8	3618.4	3358.5	3228.6	3101.1
62.5°	3608.4	3903.3	4198.2	4493.0	4560.5	4283.1	4008.2	3730.9	3453.5	3288.6	3123.6
65°	3923.3	4218.2	4515.5	4810.4	4882.9	4553.0	4225.6	3895.8	3565.9	3348.5	3131.1
67.5°	4218.2	4555.5	4895.4	5232.7	5305.2	4897.9	4488.0	4080.7	3670.9	3386.0	3101.1
70°	4305.6	4705.4	5105.3	5505.1	5600.0	5120.3	4640.5	4158.2	3678.4	3321.0	2966.2
72.5°	3960.8	4415.6	4867.9	5322.7	5502.6	4990.3	4478.0	3963.3	3451.0	3048.7	2648.8
75°	2996.2	3441.0	3888.3	4333.1	4563.0	4113.2	3665.9	3216.1	2766.3	2398.9	2034.1
77.5°	1571.8	1906.7	2239.0	2573.9	2986.2	2636.3	2284.0	1934.2	1581.8	1356.9	1129.5
80°	332.4	447.3	559.8	674.7	907.1	824.6	744.7	662.2	579.7	487.3	392.3
82.5°	55.0	72.5	90.0	107.5	134.9	134.9	137.4	137.4	137.4	119.9	100.0
85°	17.5	22.5	27.5	32.5	32.5	35.0	35.0	37.5	37.5	37.5	35.0
87.5°	7.5	7.5	10.0	10.0	10.0	10.0	12.5	12.5	12.5	12.5	12.5
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: P561020

CATALOG NUMBER: SDL-PA1-80-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	969.6	979.6	987.1	997.1	1004.6	1012.1	1017.1	1019.6	1024.6	1027.1	1022.1
5°	952.1	924.6	934.6	944.6	952.1	962.1	969.6	977.1	982.1	989.6	994.6
7.5°	987.1	1017.1	1029.5	1042.0	1054.5	1067.0	1074.5	1082.0	1087.0	1094.5	1097.0
10°	839.6	857.1	894.6	934.6	972.1	1009.6	997.1	984.6	972.1	959.6	1014.6
12.5°	874.6	882.1	904.6	924.6	947.1	967.1	1009.6	1049.5	1092.0	1132.0	1157.0
15°	787.2	794.7	854.6	912.1	972.1	1029.5	1012.1	994.6	977.1	959.6	987.1
17.5°	984.6	1017.1	959.6	899.6	842.1	782.2	852.1	924.6	994.6	1064.5	1089.5
20°	929.6	964.6	994.6	1024.6	1054.5	1084.5	1059.5	1037.0	1012.1	987.1	967.1
22.5°	989.6	932.1	967.1	1004.6	1039.5	1074.5	1057.0	1042.0	1024.6	1007.1	1047.0
25°	1137.0	1179.5	1124.5	1069.5	1014.6	959.6	1022.1	1084.5	1144.5	1207.0	1167.0
27.5°	1147.0	1104.5	1154.5	1202.0	1252.0	1299.4	1247.0	1197.0	1144.5	1092.0	1149.5
30°	1349.4	1296.9	1281.9	1266.9	1252.0	1237.0	1264.4	1291.9	1316.9	1344.4	1351.9
32.5°	1526.8	1439.4	1461.9	1486.8	1509.3	1531.8	1511.8	1494.3	1474.4	1454.4	1539.3
35°	1699.3	1639.3	1649.3	1659.3	1669.3	1679.3	1684.3	1686.8	1691.8	1694.3	1804.2
37.5°	1819.2	1756.7	1791.7	1826.7	1861.7	1896.7	1896.7	1894.2	1894.2	1891.7	2016.6
40°	1951.6	1884.2	1934.2	1981.6	2031.6	2079.1	2089.1	2099.1	2109.1	2119.1	2234.0
42.5°	2124.1	2056.6	2099.1	2139.1	2181.5	2221.5	2239.0	2256.5	2271.5	2289.0	2403.9
45°	2289.0	2226.5	2259.0	2291.5	2324.0	2356.5	2371.5	2386.5	2401.4	2416.4	2548.9
47.5°	2443.9	2389.0	2408.9	2426.4	2446.4	2463.9	2476.4	2486.4	2498.9	2508.9	2641.3
50°	2596.4	2541.4	2546.4	2551.4	2553.9	2558.9	2563.9	2571.4	2576.4	2581.4	2736.3
52.5°	2746.3	2678.8	2666.3	2653.8	2641.3	2628.8	2628.8	2626.3	2626.3	2623.9	2743.8
55°	2868.7	2773.8	2743.8	2711.3	2681.3	2648.8	2636.3	2623.9	2608.9	2596.4	2658.8
57.5°	2931.2	2818.8	2773.8	2726.3	2681.3	2633.8	2591.4	2546.4	2503.9	2458.9	2448.9
60°	2971.2	2841.3	2771.3	2698.8	2628.8	2556.4	2451.4	2346.5	2241.5	2136.6	2081.6
62.5°	2956.2	2791.3	2683.8	2573.9	2466.4	2356.5	2194.0	2031.6	1866.7	1704.3	1626.8
65°	2911.2	2693.8	2538.9	2381.5	2226.5	2069.1	1874.2	1679.3	1484.4	1289.4	1217.0
67.5°	2816.3	2531.4	2314.0	2099.1	1881.7	1664.3	1466.9	1269.4	1072.0	874.6	822.1
70°	2608.9	2251.5	1996.6	1739.2	1484.4	1227.0	1059.5	889.6	722.2	552.3	527.3
72.5°	2246.5	1844.2	1584.3	1326.9	1067.0	807.1	692.2	577.2	462.3	347.3	339.9
75°	1666.8	1299.4	1099.5	897.1	697.2	494.8	427.3	362.3	294.9	227.4	229.9
77.5°	904.6	677.2	582.2	487.3	389.8	294.9	262.4	229.9	197.4	164.9	169.9
80°	299.9	204.9	189.9	174.9	159.9	144.9	132.4	119.9	107.5	95.0	100.0
82.5°	82.5	62.5	67.5	75.0	80.0	85.0	85.0	85.0	82.5	82.5	82.5
85°	35.0	32.5	30.0	30.0	27.5	25.0	30.0	35.0	40.0	45.0	47.5
87.5°	10.0	10.0	10.0	7.5	7.5	5.0	5.0	5.0	5.0	5.0	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	1019.6	1014.6	1009.6	1002.1	997.1	989.6	982.1	974.6	967.1	957.1	949.6
5°	999.6	1004.6	1009.6	1012.1	1017.1	1019.6	1022.1	1024.6	1027.1	1027.1	1029.5
7.5°	1097.0	1099.5	1099.5	1084.5	1072.0	1057.0	1042.0	1039.5	1039.5	1037.0	1034.5
10°	1072.0	1127.0	1182.0	1182.0	1179.5	1179.5	1177.0	1177.0	1179.5	1179.5	1179.5
12.5°	1182.0	1207.0	1232.0	1222.0	1214.5	1204.5	1194.5	1152.0	1107.0	1064.5	1019.6
15°	1014.6	1039.5	1067.0	1104.5	1142.0	1179.5	1217.0	1214.5	1214.5	1212.0	1209.5
17.5°	1112.0	1137.0	1159.5	1142.0	1124.5	1104.5	1087.0	1054.5	1022.1	989.6	957.1
20°	949.6	929.6	909.6	989.6	1069.5	1149.5	1229.5	1227.0	1227.0	1224.5	1222.0
22.5°	1087.0	1124.5	1164.5	1134.5	1104.5	1074.5	1044.5	1039.5	1032.0	1027.1	1019.6
25°	1127.0	1084.5	1044.5	1119.5	1197.0	1271.9	1346.9	1359.4	1371.9	1381.9	1394.4
27.5°	1209.5	1266.9	1324.4	1309.4	1294.4	1276.9	1261.9	1271.9	1281.9	1291.9	1301.9
30°	1361.9	1369.4	1376.9	1486.8	1599.3	1709.3	1819.2	1834.2	1846.7	1861.7	1874.2
32.5°	1624.3	1706.8	1791.7	1859.2	1929.2	1996.6	2064.1	2154.1	2246.5	2336.5	2426.4
35°	1916.7	2026.6	2136.6	2266.5	2398.9	2528.9	2658.8	2691.3	2726.3	2758.8	2791.3
37.5°	2141.6	2266.5	2391.5	2526.4	2658.8	2793.8	2926.2	2951.2	2976.2	3001.2	3026.2
40°	2349.0	2463.9	2578.9	2721.3	2863.7	3006.2	3148.6	3168.6	3188.6	3208.6	3228.6
42.5°	2518.9	2631.3	2746.3	2888.7	3031.2	3173.6	3316.0	3333.5	3348.5	3366.0	3381.0
45°	2681.3	2813.8	2946.2	3071.2	3196.1	3318.5	3443.5	3456.0	3466.0	3478.5	3488.5
47.5°	2776.3	2908.7	3041.2	3158.6	3276.1	3391.0	3508.5	3508.5	3508.5	3508.5	3508.5
50°	2891.2	3043.7	3198.6	3258.6	3316.0	3376.0	3433.5	3421.0	3408.5	3393.5	3381.0
52.5°	2861.2	2981.2	3098.6	3121.1	3143.6	3166.1	3188.6	3156.1	3126.1	3093.6	3061.2
55°	2721.3	2781.3	2843.8	2806.3	2766.3	2728.8	2688.8	2596.4	2503.9	2411.4	2319.0
57.5°	2438.9	2428.9	2418.9	2319.0	2221.5	2121.6	2021.6	1961.6	1904.2	1844.2	1784.2
60°	2029.1	1974.1	1919.2	1829.2	1739.2	1649.3	1559.3	1526.8	1491.8	1459.4	1424.4
62.5°	1549.3	1471.9	1394.4	1349.4	1304.4	1259.4	1214.5	1182.0	1147.0	1114.5	1079.5
65°	1147.0	1074.5	1002.1	964.6	927.1	887.1	849.6	827.1	804.6	779.7	757.2
67.5°	772.2	719.7	667.2	644.7	619.7	597.2	572.2	562.3	549.8	539.8	527.3
70°	499.8	474.8	447.3	437.3	429.8	419.8	409.8	399.8	389.8	379.8	369.8
72.5°	332.4	324.9	317.4	312.4	307.4	302.4	297.4	292.4	284.9	279.9	272.4
75°	229.9	232.4	232.4	229.9	229.9	227.4	224.9	204.9	184.9	164.9	144.9
77.5°	172.4	177.4	179.9	167.4	154.9	139.9	127.4	124.9	122.4	119.9	117.4
80°	107.5	112.5	117.4	112.5	110.0	105.0	100.0	95.0	90.0	85.0	80.0
82.5°	82.5	82.5	82.5	77.5	72.5	65.0	60.0	57.5	55.0	52.5	50.0
85°	50.0	52.5	55.0	50.0	42.5	37.5	30.0	25.0	20.0	15.0	10.0
87.5°	7.5	10.0	10.0	10.0	7.5	7.5	5.0	5.0	5.0	2.5	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	819.6	819.6
2.5°	929.6	909.6
5°	1032.0	1034.5
7.5°	972.1	907.1
10°	1179.5	1179.5
12.5°	1007.1	992.1
15°	1204.5	1199.5
17.5°	954.6	949.6
20°	1219.5	1217.0
22.5°	1019.6	1017.1
25°	1396.9	1396.9
27.5°	1301.9	1299.4
30°	1874.2	1874.2
32.5°	2473.9	2518.9
35°	2798.8	2806.3
37.5°	3038.7	3048.7
40°	3236.1	3243.6
42.5°	3383.5	3383.5
45°	3488.5	3488.5
47.5°	3506.0	3503.5
50°	3373.5	3366.0
52.5°	3031.2	2998.7
55°	2301.5	2281.5
57.5°	1779.2	1771.7
60°	1424.4	1424.4
62.5°	1069.5	1059.5
65°	747.2	734.7
67.5°	522.3	517.3
70°	369.8	367.3
72.5°	269.9	267.4
75°	142.4	137.4
77.5°	117.4	114.9
80°	82.5	82.5
82.5°	50.0	47.5
85°	7.5	5.0
87.5°	2.5	2.5
90°	0.0	0.0

(END OF REPORT)