

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: P561101

Luminaire Tested: **SDL-PA1-80-750-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561101
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-80-750-U-5WQ
Description: Springdale
(1) 70 CRI, 5000K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9640 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G3

Input Watts (W): 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

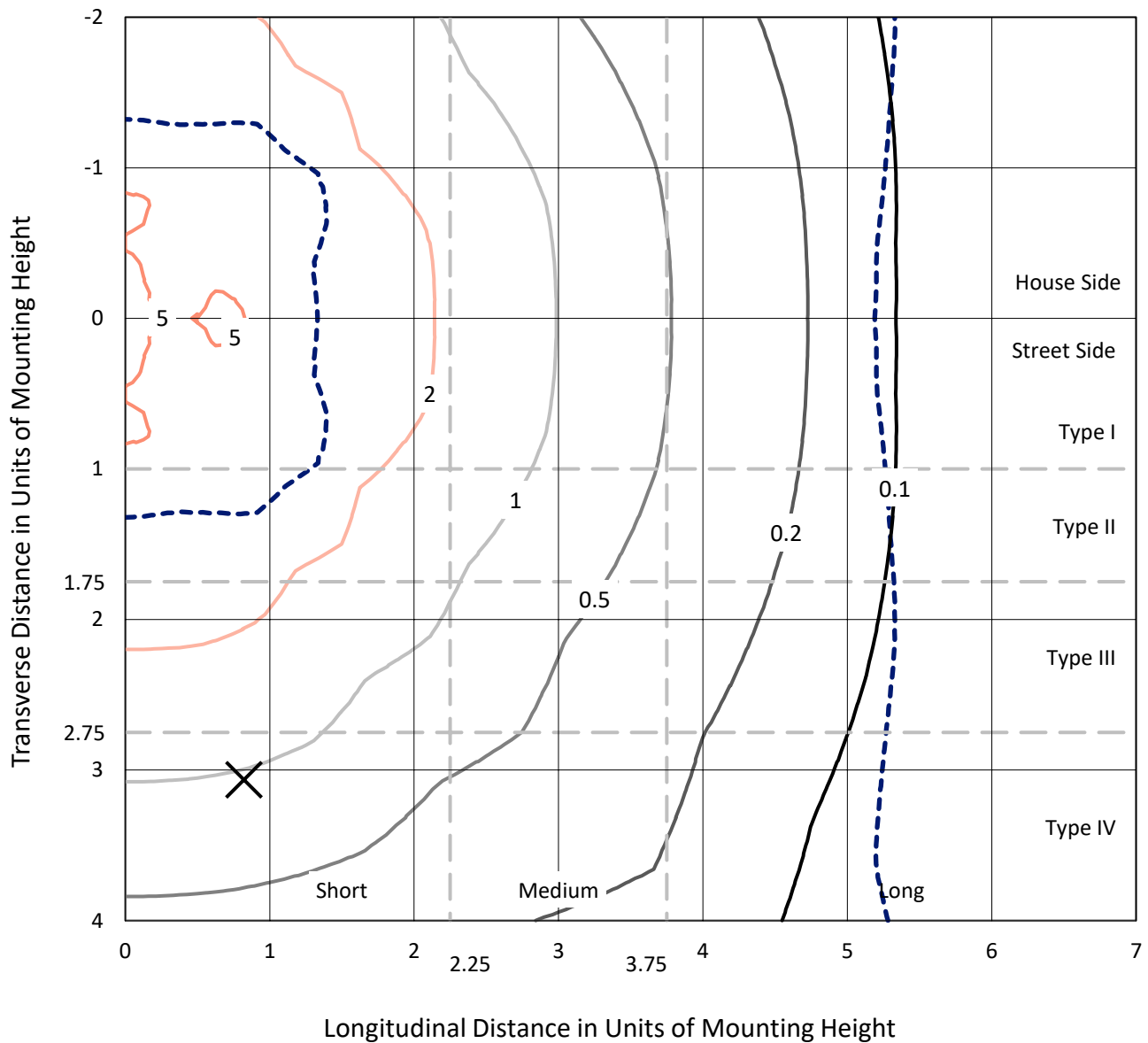


REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

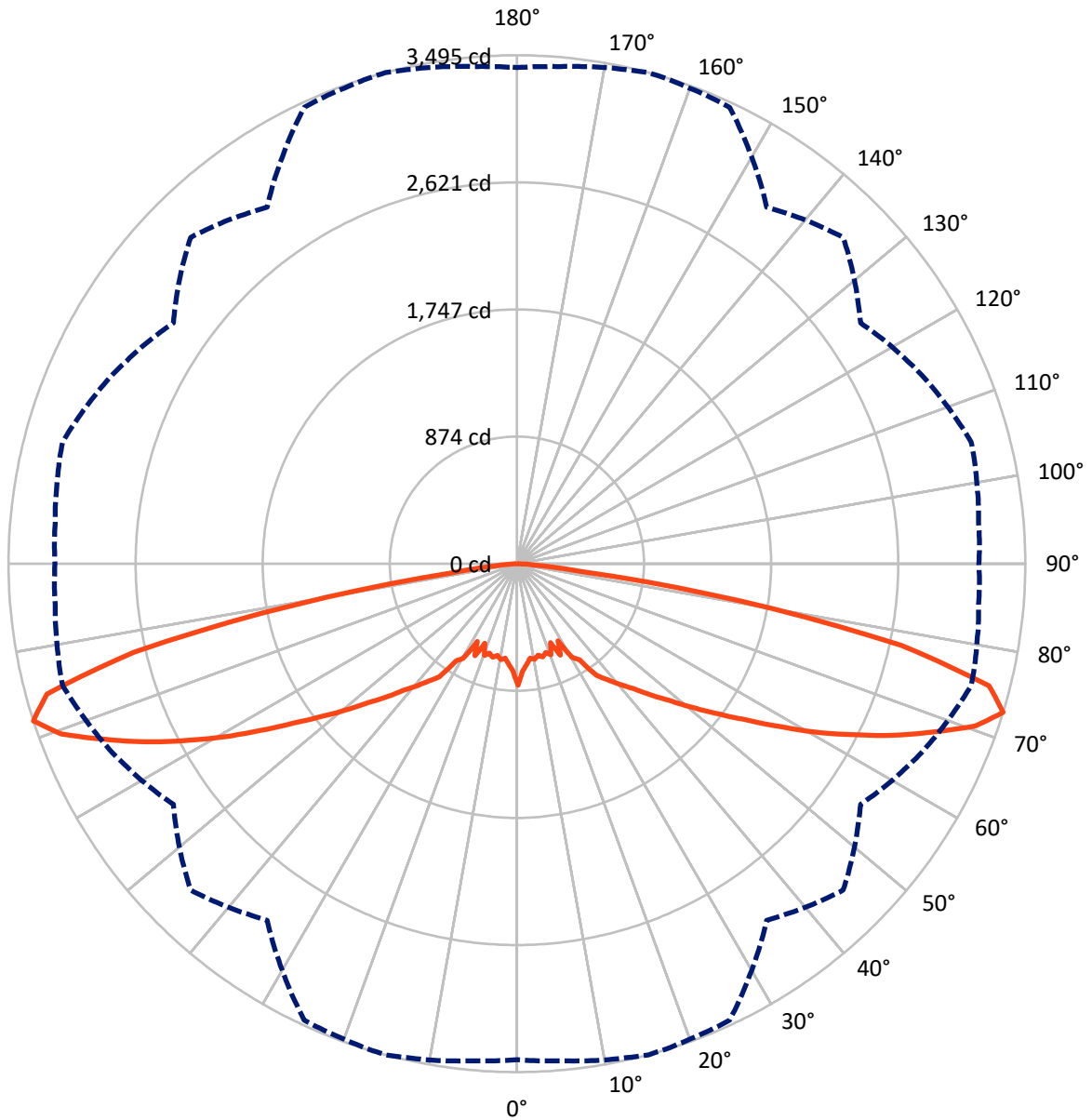


Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
 Type V - Short - N/A

REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

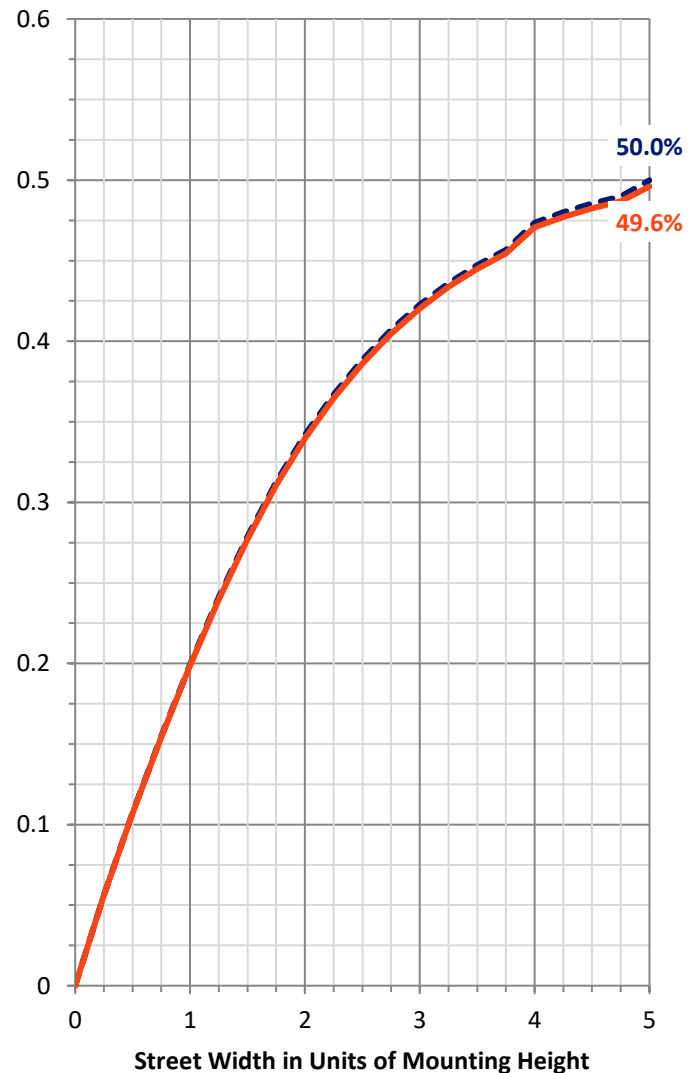
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4820.0	0.0	4820.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4820.0	0.0	4820.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9640.0	0.0	9640.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	0.7
10°-20°	152.2	1.6
20°-30°	271.5	2.8
30°-40°	519.4	5.4
40°-50°	884.6	9.2
50°-60°	1548.5	16.1
60°-70°	2612.9	27.1
70°-80°	3047.8	31.6
80°-90°	537.6	5.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9640.0	100.0
0°-180°	9640.0	100.0



REPORT NUMBER: P561101

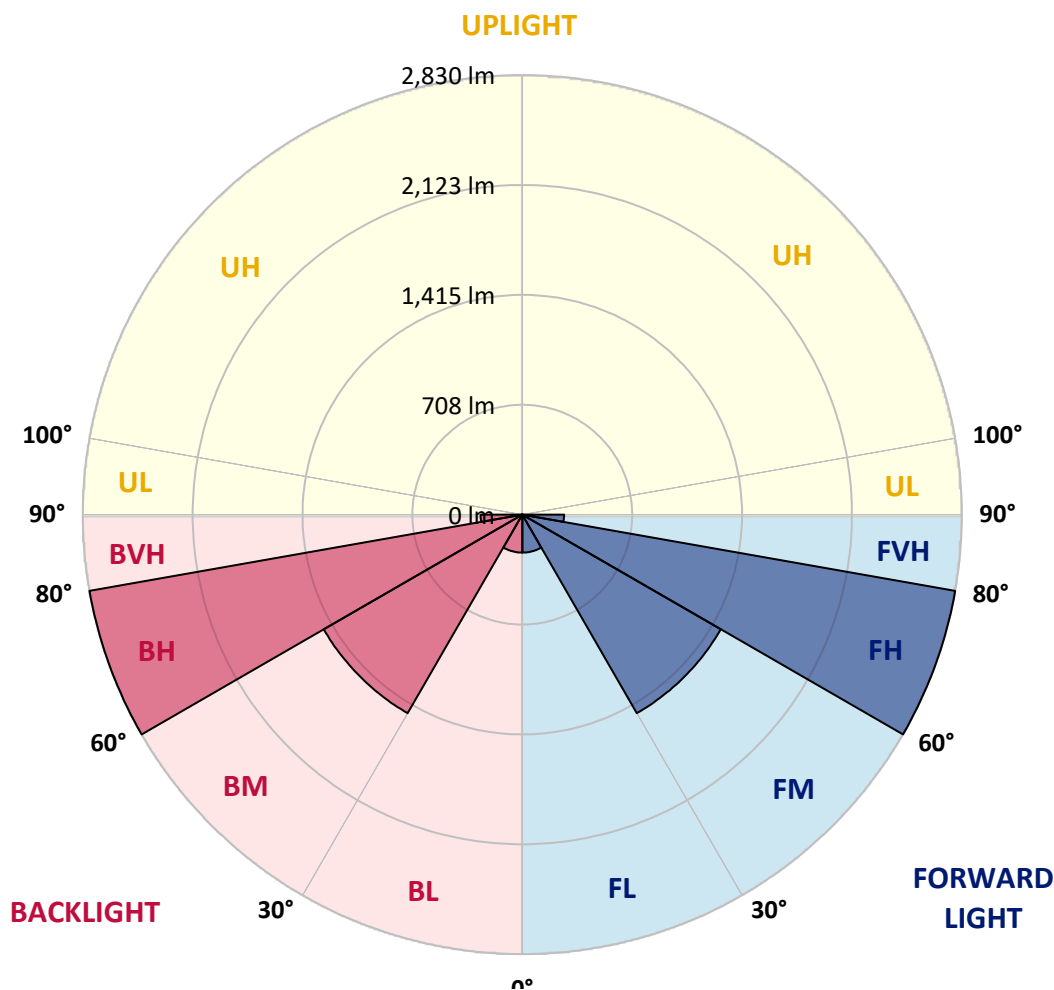
CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	244.6	2.5			
FM	(30°-60°)	1476.2	15.3			
FH	(60°-80°)	2830.3	29.4			G2/5000
FVH	(80°-90°)	268.8	2.8			G3/500
BL	(0°-30°)	244.6	2.5	B1/500		
BM	(30°-60°)	1476.2	15.3	B2/2500		
BH	(60°-80°)	2830.3	29.4	B4/5000		G2/5000
BVH	(80°-90°)	268.8	2.8			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short



REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	739.6	743.0	743.0	743.0	743.0	739.6	739.6	749.8	760.0	770.2	780.3
5°	698.9	698.9	698.9	698.9	698.9	695.5	695.5	695.5	695.5	695.5	695.5
7.5°	597.1	603.9	607.3	620.9	631.1	644.6	654.8	658.2	661.6	661.6	665.0
10°	671.8	671.8	671.8	671.8	671.8	668.4	668.4	661.6	658.2	651.4	644.6
12.5°	590.3	587.0	583.6	600.5	614.1	631.1	644.6	648.0	651.4	654.8	658.2
15°	678.6	678.6	678.6	675.2	671.8	668.4	665.0	641.2	617.5	590.3	566.6
17.5°	576.8	580.2	580.2	597.1	610.7	627.7	641.2	634.5	627.7	617.5	610.7
20°	692.1	692.1	692.1	685.3	682.0	675.2	668.4	627.7	587.0	542.8	502.1
22.5°	587.0	587.0	587.0	587.0	590.3	590.3	590.3	593.7	597.1	600.5	603.9
25°	715.9	719.3	719.3	712.5	709.1	702.3	695.5	661.6	624.3	590.3	553.0
27.5°	617.5	617.5	617.5	614.1	610.7	603.9	600.5	607.3	617.5	624.3	631.1
30°	756.6	756.6	756.6	753.2	753.2	749.8	746.4	712.5	675.2	641.2	603.9
32.5°	919.5	916.1	912.7	882.1	851.6	817.7	787.1	770.2	753.2	732.8	715.9
35°	977.1	977.1	973.7	967.0	960.2	950.0	943.2	909.3	875.3	841.4	807.5
37.5°	1034.8	1034.8	1031.4	1028.0	1021.2	1017.8	1011.1	973.7	939.8	902.5	865.2
40°	1106.1	1109.4	1109.4	1106.1	1099.3	1095.9	1089.1	1048.4	1011.1	970.3	929.6
42.5°	1194.3	1194.3	1190.9	1187.5	1184.1	1177.3	1173.9	1136.6	1095.9	1058.6	1017.8
45°	1299.4	1299.4	1296.1	1292.7	1292.7	1289.3	1285.9	1251.9	1214.6	1180.7	1143.4
47.5°	1428.4	1425.0	1421.6	1418.2	1411.4	1408.0	1401.2	1363.9	1330.0	1292.7	1255.3
50°	1564.1	1564.1	1564.1	1560.7	1557.3	1550.5	1547.1	1513.2	1479.3	1441.9	1408.0
52.5°	1710.0	1713.4	1713.4	1713.4	1710.0	1710.0	1706.6	1672.7	1638.7	1601.4	1567.5
55°	1883.0	1883.0	1883.0	1883.0	1886.4	1886.4	1886.4	1852.5	1818.5	1784.6	1750.7
57.5°	2079.8	2093.4	2103.5	2103.5	2103.5	2103.5	2103.5	2069.6	2035.7	2001.8	1967.8
60°	2307.1	2310.5	2313.9	2324.1	2330.9	2341.0	2347.8	2317.3	2286.8	2256.2	2225.7
62.5°	2531.0	2537.8	2541.2	2554.8	2565.0	2578.5	2588.7	2568.4	2544.6	2524.3	2500.5
65°	2761.7	2768.5	2771.9	2788.9	2809.2	2826.2	2843.2	2826.2	2812.6	2795.7	2778.7
67.5°	3006.0	3012.8	3016.2	3033.2	3053.5	3070.5	3087.5	3080.7	3073.9	3067.1	3060.3
70°	3267.3	3270.7	3270.7	3287.6	3308.0	3325.0	3341.9	3338.5	3335.1	3331.7	3328.3
72.5°	3409.8	3420.0	3430.1	3447.1	3464.1	3477.6	3494.6	3487.8	3477.6	3470.8	3460.7
75°	3226.6	3233.3	3240.1	3267.3	3297.8	3325.0	3352.1	3362.3	3375.8	3386.0	3396.2
77.5°	2527.6	2558.2	2585.3	2615.9	2643.0	2673.5	2700.7	2758.4	2812.6	2870.3	2924.6
80°	1251.9	1268.9	1285.9	1353.7	1421.6	1489.4	1557.3	1659.1	1764.3	1866.0	1967.8
82.5°	302.0	302.0	302.0	339.3	373.2	410.5	444.5	536.1	631.1	722.7	814.3
85°	61.1	64.5	67.9	84.8	101.8	115.4	132.3	145.9	159.5	173.0	186.6
87.5°	10.2	10.2	10.2	10.2	13.6	13.6	13.6	17.0	20.4	20.4	23.7
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	783.7	790.5	793.9	797.3	800.7	804.1	807.5	810.9	814.3	814.3	817.7
5°	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	698.9	702.3	705.7
7.5°	668.4	671.8	675.2	678.6	678.6	678.6	675.2	675.2	671.8	671.8	668.4
10°	627.7	610.7	590.3	573.4	573.4	576.8	576.8	576.8	566.6	559.8	549.6
12.5°	644.6	631.1	614.1	600.5	576.8	556.4	532.7	508.9	502.1	495.4	488.6
15°	546.2	529.3	508.9	488.6	478.4	464.8	454.6	441.1	437.7	434.3	427.5
17.5°	593.7	576.8	556.4	539.5	505.5	471.6	437.7	403.7	420.7	441.1	458.0
20°	505.5	505.5	508.9	508.9	508.9	505.5	505.5	502.1	492.0	478.4	468.2
22.5°	576.8	546.2	519.1	488.6	495.4	502.1	508.9	515.7	498.7	481.8	461.4
25°	563.2	573.4	580.2	590.3	563.2	536.1	505.5	478.4	492.0	505.5	519.1
27.5°	610.7	590.3	566.6	546.2	556.4	566.6	573.4	583.6	566.6	549.6	532.7
30°	607.3	610.7	610.7	614.1	600.5	583.6	570.0	553.0	559.8	570.0	576.8
32.5°	695.5	671.8	651.4	627.7	627.7	627.7	624.3	624.3	624.3	627.7	627.7
35°	777.0	749.8	719.3	688.7	682.0	678.6	671.8	665.0	671.8	678.6	685.3
37.5°	834.6	800.7	770.2	736.2	732.8	729.5	722.7	719.3	719.3	719.3	719.3
40°	899.1	868.6	838.0	807.5	800.7	793.9	783.7	777.0	773.6	770.2	763.4
42.5°	987.3	953.4	922.8	888.9	878.7	865.2	855.0	841.4	838.0	834.6	827.8
45°	1102.7	1058.6	1017.8	973.7	960.2	950.0	936.4	922.8	919.5	912.7	909.3
47.5°	1207.8	1163.7	1116.2	1068.7	1062.0	1051.8	1045.0	1034.8	1028.0	1017.8	1011.1
50°	1350.3	1289.3	1231.6	1170.5	1170.5	1167.1	1167.1	1163.7	1150.2	1136.6	1123.0
52.5°	1509.8	1448.7	1391.1	1330.0	1323.2	1319.8	1313.0	1306.2	1292.7	1279.1	1262.1
55°	1689.6	1628.5	1567.5	1506.4	1503.0	1503.0	1499.6	1496.2	1475.9	1455.5	1435.2
57.5°	1906.8	1849.1	1788.0	1726.9	1730.3	1730.3	1733.7	1733.7	1706.6	1679.4	1648.9
60°	2157.8	2090.0	2018.7	1950.9	1961.0	1974.6	1984.8	1995.0	1961.0	1927.1	1889.8
62.5°	2432.6	2361.4	2293.5	2222.3	2242.6	2263.0	2280.0	2300.3	2249.4	2198.5	2147.6
65°	2697.3	2615.9	2534.4	2453.0	2490.3	2531.0	2568.4	2605.7	2544.6	2483.5	2422.5
67.5°	2965.3	2873.7	2778.7	2683.7	2727.8	2771.9	2816.0	2860.1	2799.1	2734.6	2673.5
70°	3213.0	3097.6	2982.3	2866.9	2911.0	2955.1	2999.2	3043.4	2985.7	2928.0	2870.3
72.5°	3345.3	3226.6	3111.2	2992.5	3036.6	3084.1	3128.2	3172.3	3101.0	3029.8	2955.1
75°	3294.4	3189.2	3087.5	2982.3	3046.7	3111.2	3175.7	3240.1	3145.1	3046.7	2951.7
77.5°	2873.7	2826.2	2775.3	2724.4	2839.8	2955.1	3070.5	3185.9	3050.1	2911.0	2775.3
80°	2001.8	2039.1	2073.0	2106.9	2273.2	2439.4	2602.3	2768.5	2609.1	2453.0	2293.5
82.5°	919.5	1024.6	1126.4	1231.6	1397.8	1564.1	1726.9	1893.2	1716.8	1540.3	1360.5
85°	220.5	254.5	285.0	318.9	403.7	488.6	573.4	658.2	587.0	515.7	444.5
87.5°	27.1	30.5	30.5	33.9	30.5	30.5	27.1	23.7	27.1	27.1	30.5
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	817.7	821.1	821.1	824.5	824.5	824.5	824.5	821.1	821.1	821.1	824.5
5°	709.1	726.1	739.6	756.6	770.2	777.0	787.1	793.9	800.7	804.1	804.1
7.5°	665.0	658.2	648.0	641.2	631.1	644.6	661.6	675.2	688.7	692.1	695.5
10°	539.5	536.1	529.3	525.9	519.1	522.5	529.3	532.7	536.1	553.0	573.4
12.5°	481.8	485.2	488.6	492.0	495.4	485.2	475.0	461.4	451.2	468.2	485.2
15°	424.1	424.1	427.5	427.5	427.5	441.1	454.6	468.2	481.8	505.5	532.7
17.5°	475.0	468.2	461.4	451.2	444.5	447.9	447.9	451.2	451.2	464.8	475.0
20°	454.6	444.5	437.7	427.5	417.3	434.3	451.2	468.2	485.2	512.3	539.5
22.5°	444.5	464.8	481.8	502.1	519.1	508.9	498.7	485.2	475.0	475.0	475.0
25°	532.7	515.7	498.7	481.8	464.8	495.4	522.5	553.0	580.2	600.5	617.5
27.5°	515.7	529.3	542.8	553.0	566.6	583.6	600.5	617.5	634.5	665.0	692.1
30°	583.6	600.5	617.5	631.1	648.0	692.1	732.8	777.0	817.7	838.0	858.4
32.5°	627.7	661.6	692.1	726.1	756.6	780.3	804.1	827.8	851.6	872.0	895.7
35°	692.1	719.3	743.0	770.2	793.9	821.1	848.2	872.0	899.1	919.5	939.8
37.5°	719.3	749.8	780.3	807.5	838.0	872.0	902.5	936.4	967.0	983.9	997.5
40°	760.0	797.3	834.6	872.0	909.3	943.2	977.1	1011.1	1045.0	1058.6	1072.1
42.5°	824.5	865.2	905.9	943.2	983.9	1021.2	1055.2	1092.5	1126.4	1140.0	1153.6
45°	902.5	943.2	983.9	1024.6	1065.3	1106.1	1146.8	1187.5	1228.2	1245.2	1262.1
47.5°	1000.9	1041.6	1085.7	1126.4	1167.1	1218.0	1265.5	1316.4	1363.9	1377.5	1391.1
50°	1109.4	1150.2	1190.9	1231.6	1272.3	1336.8	1397.8	1462.3	1523.4	1530.2	1540.3
52.5°	1248.6	1289.3	1326.6	1367.3	1404.6	1475.9	1547.1	1615.0	1686.2	1689.6	1696.4
55°	1414.8	1452.1	1492.8	1530.2	1567.5	1645.5	1720.2	1798.2	1872.8	1872.8	1876.2
57.5°	1621.8	1662.5	1703.2	1740.5	1781.2	1855.9	1930.5	2001.8	2076.4	2073.0	2069.6
60°	1855.9	1893.2	1927.1	1964.4	1998.4	2069.6	2144.3	2215.5	2286.8	2280.0	2269.8
62.5°	2096.8	2137.5	2178.2	2215.5	2256.2	2313.9	2375.0	2432.6	2490.3	2476.8	2463.2
65°	2361.4	2402.1	2446.2	2486.9	2527.6	2571.8	2619.3	2663.4	2707.5	2693.9	2683.7
67.5°	2609.1	2656.6	2704.1	2748.2	2795.7	2829.6	2863.5	2894.1	2928.0	2911.0	2894.1
70°	2812.6	2853.4	2894.1	2934.8	2975.5	3009.4	3043.4	3077.3	3111.2	3094.2	3077.3
72.5°	2883.9	2931.4	2978.9	3023.0	3070.5	3111.2	3151.9	3192.6	3233.3	3223.2	3209.6
75°	2853.4	2887.3	2921.2	2955.1	2989.1	3019.6	3053.5	3084.1	3114.6	3097.6	3080.7
77.5°	2636.2	2632.8	2626.0	2622.6	2615.9	2615.9	2619.3	2619.3	2619.3	2598.9	2578.5
80°	2134.1	2073.0	2011.9	1950.9	1889.8	1818.5	1747.3	1676.0	1604.8	1536.9	1469.1
82.5°	1184.1	1045.0	909.3	770.2	631.1	573.4	512.3	454.6	393.6	366.4	335.9
85°	373.2	325.7	278.2	230.7	183.2	173.0	162.9	149.3	139.1	128.9	118.7
87.5°	30.5	27.1	27.1	23.7	20.4	17.0	17.0	13.6	10.2	10.2	10.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	824.5	824.5	824.5	824.5	824.5	824.5	824.5	824.5	821.1	821.1	821.1
5°	807.5	807.5	807.5	807.5	807.5	807.5	807.5	804.1	804.1	800.7	793.9
7.5°	695.5	698.9	698.9	695.5	698.9	698.9	695.5	695.5	692.1	688.7	675.2
10°	590.3	607.3	607.3	607.3	607.3	607.3	590.3	573.4	553.0	536.1	532.7
12.5°	502.1	519.1	519.1	519.1	519.1	519.1	502.1	485.2	468.2	451.2	461.4
15°	556.4	580.2	580.2	580.2	580.2	580.2	556.4	532.7	505.5	481.8	468.2
17.5°	488.6	498.7	502.1	502.1	502.1	498.7	488.6	475.0	464.8	451.2	451.2
20°	563.2	590.3	593.7	597.1	593.7	590.3	563.2	539.5	512.3	485.2	468.2
22.5°	471.6	471.6	475.0	475.0	475.0	471.6	471.6	475.0	475.0	475.0	485.2
25°	637.8	654.8	654.8	651.4	654.8	654.8	637.8	617.5	600.5	580.2	553.0
27.5°	722.7	749.8	756.6	760.0	756.6	749.8	722.7	692.1	665.0	634.5	617.5
30°	878.7	899.1	899.1	899.1	899.1	899.1	878.7	858.4	838.0	817.7	777.0
32.5°	916.1	936.4	936.4	936.4	936.4	936.4	916.1	895.7	872.0	851.6	827.8
35°	956.8	977.1	980.5	980.5	980.5	977.1	956.8	939.8	919.5	899.1	872.0
37.5°	1014.5	1028.0	1031.4	1034.8	1031.4	1028.0	1014.5	997.5	983.9	967.0	936.4
40°	1082.3	1095.9	1095.9	1095.9	1095.9	1095.9	1082.3	1072.1	1058.6	1045.0	1011.1
42.5°	1167.1	1180.7	1184.1	1187.5	1184.1	1180.7	1167.1	1153.6	1140.0	1126.4	1092.5
45°	1275.7	1292.7	1296.1	1299.4	1296.1	1292.7	1275.7	1262.1	1245.2	1228.2	1187.5
47.5°	1404.6	1418.2	1418.2	1418.2	1418.2	1418.2	1404.6	1391.1	1377.5	1363.9	1316.4
50°	1547.1	1553.9	1557.3	1557.3	1557.3	1553.9	1547.1	1540.3	1530.2	1523.4	1462.3
52.5°	1699.8	1703.2	1703.2	1699.8	1703.2	1703.2	1699.8	1696.4	1689.6	1686.2	1615.0
55°	1876.2	1876.2	1872.8	1866.0	1872.8	1876.2	1876.2	1876.2	1872.8	1872.8	1798.2
57.5°	2066.2	2062.8	2062.8	2059.4	2062.8	2062.8	2066.2	2069.6	2073.0	2076.4	2001.8
60°	2263.0	2252.8	2249.4	2242.6	2249.4	2252.8	2263.0	2269.8	2280.0	2286.8	2215.5
62.5°	2449.6	2436.0	2436.0	2436.0	2436.0	2436.0	2449.6	2463.2	2476.8	2490.3	2432.6
65°	2670.1	2656.6	2649.8	2643.0	2649.8	2656.6	2670.1	2683.7	2693.9	2707.5	2663.4
67.5°	2877.1	2860.1	2853.4	2843.2	2853.4	2860.1	2877.1	2894.1	2911.0	2928.0	2894.1
70°	3056.9	3040.0	3036.6	3033.2	3036.6	3040.0	3056.9	3077.3	3094.2	3111.2	3077.3
72.5°	3199.4	3185.9	3182.5	3175.7	3182.5	3185.9	3199.4	3209.6	3223.2	3233.3	3192.6
75°	3063.7	3046.7	3036.6	3023.0	3036.6	3046.7	3063.7	3080.7	3097.6	3114.6	3084.1
77.5°	2558.2	2537.8	2531.0	2520.9	2531.0	2537.8	2558.2	2578.5	2598.9	2619.3	2619.3
80°	1401.2	1333.4	1316.4	1296.1	1316.4	1333.4	1401.2	1469.1	1536.9	1604.8	1676.0
82.5°	308.7	278.2	268.0	254.5	268.0	278.2	308.7	335.9	366.4	393.6	454.6
85°	105.2	95.0	88.2	81.4	88.2	95.0	105.2	118.7	128.9	139.1	149.3
87.5°	10.2	10.2	10.2	6.8	10.2	10.2	10.2	10.2	10.2	10.2	13.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	824.5	824.5	824.5	824.5	821.1	821.1	817.7	817.7	814.3	814.3	810.9
5°	787.1	777.0	770.2	756.6	739.6	726.1	709.1	705.7	702.3	698.9	695.5
7.5°	661.6	644.6	631.1	641.2	648.0	658.2	665.0	668.4	671.8	671.8	675.2
10°	529.3	522.5	519.1	525.9	529.3	536.1	539.5	549.6	559.8	566.6	576.8
12.5°	475.0	485.2	495.4	492.0	488.6	485.2	481.8	488.6	495.4	502.1	508.9
15°	454.6	441.1	427.5	427.5	427.5	424.1	424.1	427.5	434.3	437.7	441.1
17.5°	447.9	447.9	444.5	451.2	461.4	468.2	475.0	458.0	441.1	420.7	403.7
20°	451.2	434.3	417.3	427.5	437.7	444.5	454.6	468.2	478.4	492.0	502.1
22.5°	498.7	508.9	519.1	502.1	481.8	464.8	444.5	461.4	481.8	498.7	515.7
25°	522.5	495.4	464.8	481.8	498.7	515.7	532.7	519.1	505.5	492.0	478.4
27.5°	600.5	583.6	566.6	553.0	542.8	529.3	515.7	532.7	549.6	566.6	583.6
30°	732.8	692.1	648.0	631.1	617.5	600.5	583.6	576.8	570.0	559.8	553.0
32.5°	804.1	780.3	756.6	726.1	692.1	661.6	627.7	627.7	627.7	624.3	624.3
35°	848.2	821.1	793.9	770.2	743.0	719.3	692.1	685.3	678.6	671.8	665.0
37.5°	902.5	872.0	838.0	807.5	780.3	749.8	719.3	719.3	719.3	719.3	719.3
40°	977.1	943.2	909.3	872.0	834.6	797.3	760.0	763.4	770.2	773.6	777.0
42.5°	1055.2	1021.2	983.9	943.2	905.9	865.2	824.5	827.8	834.6	838.0	841.4
45°	1146.8	1106.1	1065.3	1024.6	983.9	943.2	902.5	909.3	912.7	919.5	922.8
47.5°	1265.5	1218.0	1167.1	1126.4	1085.7	1041.6	1000.9	1011.1	1017.8	1028.0	1034.8
50°	1397.8	1336.8	1272.3	1231.6	1190.9	1150.2	1109.4	1123.0	1136.6	1150.2	1163.7
52.5°	1547.1	1475.9	1404.6	1367.3	1326.6	1289.3	1248.6	1262.1	1279.1	1292.7	1306.2
55°	1720.2	1645.5	1567.5	1530.2	1492.8	1452.1	1414.8	1435.2	1455.5	1475.9	1496.2
57.5°	1930.5	1855.9	1781.2	1740.5	1703.2	1662.5	1621.8	1648.9	1679.4	1706.6	1733.7
60°	2144.3	2069.6	1998.4	1964.4	1927.1	1893.2	1855.9	1889.8	1927.1	1961.0	1995.0
62.5°	2375.0	2313.9	2256.2	2215.5	2178.2	2137.5	2096.8	2147.6	2198.5	2249.4	2300.3
65°	2619.3	2571.8	2527.6	2486.9	2446.2	2402.1	2361.4	2422.5	2483.5	2544.6	2605.7
67.5°	2863.5	2829.6	2795.7	2748.2	2704.1	2656.6	2609.1	2673.5	2734.6	2799.1	2860.1
70°	3043.4	3009.4	2975.5	2934.8	2894.1	2853.4	2812.6	2870.3	2928.0	2985.7	3043.4
72.5°	3151.9	3111.2	3070.5	3023.0	2978.9	2931.4	2883.9	2955.1	3029.8	3101.0	3172.3
75°	3053.5	3019.6	2989.1	2955.1	2921.2	2887.3	2853.4	2951.7	3046.7	3145.1	3240.1
77.5°	2619.3	2615.9	2615.9	2622.6	2626.0	2632.8	2636.2	2775.3	2911.0	3050.1	3185.9
80°	1747.3	1818.5	1889.8	1950.9	2011.9	2073.0	2134.1	2293.5	2453.0	2609.1	2768.5
82.5°	512.3	573.4	631.1	770.2	909.3	1045.0	1184.1	1360.5	1540.3	1716.8	1893.2
85°	162.9	173.0	183.2	230.7	278.2	325.7	373.2	444.5	515.7	587.0	658.2
87.5°	17.0	17.0	20.4	23.7	27.1	27.1	30.5	30.5	27.1	27.1	23.7
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	807.5	804.1	800.7	797.3	793.9	790.5	783.7	780.3	770.2	760.0	749.8
5°	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5
7.5°	675.2	678.6	678.6	678.6	675.2	671.8	668.4	665.0	661.6	661.6	658.2
10°	576.8	576.8	573.4	573.4	590.3	610.7	627.7	644.6	651.4	658.2	661.6
12.5°	532.7	556.4	576.8	600.5	614.1	631.1	644.6	658.2	654.8	651.4	648.0
15°	454.6	464.8	478.4	488.6	508.9	529.3	546.2	566.6	590.3	617.5	641.2
17.5°	437.7	471.6	505.5	539.5	556.4	576.8	593.7	610.7	617.5	627.7	634.5
20°	505.5	505.5	508.9	508.9	508.9	505.5	505.5	502.1	542.8	587.0	627.7
22.5°	508.9	502.1	495.4	488.6	519.1	546.2	576.8	603.9	600.5	597.1	593.7
25°	505.5	536.1	563.2	590.3	580.2	573.4	563.2	553.0	590.3	624.3	661.6
27.5°	573.4	566.6	556.4	546.2	566.6	590.3	610.7	631.1	624.3	617.5	607.3
30°	570.0	583.6	600.5	614.1	610.7	610.7	607.3	603.9	641.2	675.2	712.5
32.5°	624.3	627.7	627.7	627.7	651.4	671.8	695.5	715.9	732.8	753.2	770.2
35°	671.8	678.6	682.0	688.7	719.3	749.8	777.0	807.5	841.4	875.3	909.3
37.5°	722.7	729.5	732.8	736.2	770.2	800.7	834.6	865.2	902.5	939.8	973.7
40°	783.7	793.9	800.7	807.5	838.0	868.6	899.1	929.6	970.3	1011.1	1048.4
42.5°	855.0	865.2	878.7	888.9	922.8	953.4	987.3	1017.8	1058.6	1095.9	1136.6
45°	936.4	950.0	960.2	973.7	1017.8	1058.6	1102.7	1143.4	1180.7	1214.6	1251.9
47.5°	1045.0	1051.8	1062.0	1068.7	1116.2	1163.7	1207.8	1255.3	1292.7	1330.0	1363.9
50°	1167.1	1167.1	1170.5	1170.5	1231.6	1289.3	1350.3	1408.0	1441.9	1479.3	1513.2
52.5°	1313.0	1319.8	1323.2	1330.0	1391.1	1448.7	1509.8	1567.5	1601.4	1638.7	1672.7
55°	1499.6	1503.0	1503.0	1506.4	1567.5	1628.5	1689.6	1750.7	1784.6	1818.5	1852.5
57.5°	1733.7	1730.3	1730.3	1726.9	1788.0	1849.1	1906.8	1967.8	2001.8	2035.7	2069.6
60°	1984.8	1974.6	1961.0	1950.9	2018.7	2090.0	2157.8	2225.7	2256.2	2286.8	2317.3
62.5°	2280.0	2263.0	2242.6	2222.3	2293.5	2361.4	2432.6	2500.5	2524.3	2544.6	2568.4
65°	2568.4	2531.0	2490.3	2453.0	2534.4	2615.9	2697.3	2778.7	2795.7	2812.6	2826.2
67.5°	2816.0	2771.9	2727.8	2683.7	2778.7	2873.7	2965.3	3060.3	3067.1	3073.9	3080.7
70°	2999.2	2955.1	2911.0	2866.9	2982.3	3097.6	3213.0	3328.3	3331.7	3335.1	3338.5
72.5°	3128.2	3084.1	3036.6	2992.5	3111.2	3226.6	3345.3	3460.7	3470.8	3477.6	3487.8
75°	3175.7	3111.2	3046.7	2982.3	3087.5	3189.2	3294.4	3396.2	3386.0	3375.8	3362.3
77.5°	3070.5	2955.1	2839.8	2724.4	2775.3	2826.2	2873.7	2924.6	2870.3	2812.6	2758.4
80°	2602.3	2439.4	2273.2	2106.9	2073.0	2039.1	2001.8	1967.8	1866.0	1764.3	1659.1
82.5°	1726.9	1564.1	1397.8	1231.6	1126.4	1024.6	919.5	814.3	722.7	631.1	536.1
85°	573.4	488.6	403.7	318.9	285.0	254.5	220.5	186.6	173.0	159.5	145.9
87.5°	27.1	30.5	30.5	33.9	30.5	30.5	27.1	23.7	20.4	20.4	17.0
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	739.6	739.6	743.0	743.0	743.0	743.0	739.6	743.0	743.0	743.0	743.0
5°	695.5	695.5	698.9	698.9	698.9	698.9	698.9	698.9	698.9	698.9	698.9
7.5°	654.8	644.6	631.1	620.9	607.3	603.9	597.1	603.9	607.3	620.9	631.1
10°	668.4	668.4	671.8	671.8	671.8	671.8	671.8	671.8	671.8	671.8	671.8
12.5°	644.6	631.1	614.1	600.5	583.6	587.0	590.3	587.0	583.6	600.5	614.1
15°	665.0	668.4	671.8	675.2	678.6	678.6	678.6	678.6	678.6	675.2	671.8
17.5°	641.2	627.7	610.7	597.1	580.2	580.2	576.8	580.2	580.2	597.1	610.7
20°	668.4	675.2	682.0	685.3	692.1	692.1	692.1	692.1	692.1	685.3	682.0
22.5°	590.3	590.3	590.3	587.0	587.0	587.0	587.0	587.0	587.0	587.0	590.3
25°	695.5	702.3	709.1	712.5	719.3	719.3	715.9	719.3	719.3	712.5	709.1
27.5°	600.5	603.9	610.7	614.1	617.5	617.5	617.5	617.5	617.5	614.1	610.7
30°	746.4	749.8	753.2	753.2	756.6	756.6	756.6	756.6	756.6	753.2	753.2
32.5°	787.1	817.7	851.6	882.1	912.7	916.1	919.5	916.1	912.7	882.1	851.6
35°	943.2	950.0	960.2	967.0	973.7	977.1	977.1	977.1	973.7	967.0	960.2
37.5°	1011.1	1017.8	1021.2	1028.0	1031.4	1034.8	1034.8	1034.8	1031.4	1028.0	1021.2
40°	1089.1	1095.9	1099.3	1106.1	1109.4	1109.4	1106.1	1109.4	1109.4	1106.1	1099.3
42.5°	1173.9	1177.3	1184.1	1187.5	1190.9	1194.3	1194.3	1194.3	1190.9	1187.5	1184.1
45°	1285.9	1289.3	1292.7	1292.7	1296.1	1299.4	1299.4	1299.4	1296.1	1292.7	1292.7
47.5°	1401.2	1408.0	1411.4	1418.2	1421.6	1425.0	1428.4	1425.0	1421.6	1418.2	1411.4
50°	1547.1	1550.5	1557.3	1560.7	1564.1	1564.1	1564.1	1564.1	1564.1	1560.7	1557.3
52.5°	1706.6	1710.0	1710.0	1713.4	1713.4	1713.4	1710.0	1713.4	1713.4	1713.4	1710.0
55°	1886.4	1886.4	1886.4	1883.0	1883.0	1883.0	1883.0	1883.0	1883.0	1883.0	1886.4
57.5°	2103.5	2103.5	2103.5	2103.5	2103.5	2093.4	2079.8	2093.4	2103.5	2103.5	2103.5
60°	2347.8	2341.0	2330.9	2324.1	2313.9	2310.5	2307.1	2310.5	2313.9	2324.1	2330.9
62.5°	2588.7	2578.5	2565.0	2554.8	2541.2	2537.8	2531.0	2537.8	2541.2	2554.8	2565.0
65°	2843.2	2826.2	2809.2	2788.9	2771.9	2768.5	2761.7	2768.5	2771.9	2788.9	2809.2
67.5°	3087.5	3070.5	3053.5	3033.2	3016.2	3012.8	3006.0	3012.8	3016.2	3033.2	3053.5
70°	3341.9	3325.0	3308.0	3287.6	3270.7	3270.7	3267.3	3270.7	3270.7	3287.6	3308.0
72.5°	3494.6	3477.6	3464.1	3447.1	3430.1	3420.0	3409.8	3420.0	3430.1	3447.1	3464.1
75°	3352.1	3325.0	3297.8	3267.3	3240.1	3233.3	3226.6	3233.3	3240.1	3267.3	3297.8
77.5°	2700.7	2673.5	2643.0	2615.9	2585.3	2558.2	2527.6	2558.2	2585.3	2615.9	2643.0
80°	1557.3	1489.4	1421.6	1353.7	1285.9	1268.9	1251.9	1268.9	1285.9	1353.7	1421.6
82.5°	444.5	410.5	373.2	339.3	302.0	302.0	302.0	302.0	302.0	339.3	373.2
85°	132.3	115.4	101.8	84.8	67.9	64.5	61.1	64.5	67.9	84.8	101.8
87.5°	13.6	13.6	13.6	10.2	10.2	10.2	10.2	10.2	10.2	10.2	13.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	739.6	739.6	749.8	760.0	770.2	780.3	783.7	790.5	793.9	797.3	800.7
5°	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5
7.5°	644.6	654.8	658.2	661.6	661.6	665.0	668.4	671.8	675.2	678.6	678.6
10°	668.4	668.4	661.6	658.2	651.4	644.6	627.7	610.7	590.3	573.4	573.4
12.5°	631.1	644.6	648.0	651.4	654.8	658.2	644.6	631.1	614.1	600.5	576.8
15°	668.4	665.0	641.2	617.5	590.3	566.6	546.2	529.3	508.9	488.6	478.4
17.5°	627.7	641.2	634.5	627.7	617.5	610.7	593.7	576.8	556.4	539.5	505.5
20°	675.2	668.4	627.7	587.0	542.8	502.1	505.5	505.5	508.9	508.9	508.9
22.5°	590.3	590.3	593.7	597.1	600.5	603.9	576.8	546.2	519.1	488.6	495.4
25°	702.3	695.5	661.6	624.3	590.3	553.0	563.2	573.4	580.2	590.3	563.2
27.5°	603.9	600.5	607.3	617.5	624.3	631.1	610.7	590.3	566.6	546.2	556.4
30°	749.8	746.4	712.5	675.2	641.2	603.9	607.3	610.7	610.7	614.1	600.5
32.5°	817.7	787.1	770.2	753.2	732.8	715.9	695.5	671.8	651.4	627.7	627.7
35°	950.0	943.2	909.3	875.3	841.4	807.5	777.0	749.8	719.3	688.7	682.0
37.5°	1017.8	1011.1	973.7	939.8	902.5	865.2	834.6	800.7	770.2	736.2	732.8
40°	1095.9	1089.1	1048.4	1011.1	970.3	929.6	899.1	868.6	838.0	807.5	800.7
42.5°	1177.3	1173.9	1136.6	1095.9	1058.6	1017.8	987.3	953.4	922.8	888.9	878.7
45°	1289.3	1285.9	1251.9	1214.6	1180.7	1143.4	1102.7	1058.6	1017.8	973.7	960.2
47.5°	1408.0	1401.2	1363.9	1330.0	1292.7	1255.3	1207.8	1163.7	1116.2	1068.7	1062.0
50°	1550.5	1547.1	1513.2	1479.3	1441.9	1408.0	1350.3	1289.3	1231.6	1170.5	1170.5
52.5°	1710.0	1706.6	1672.7	1638.7	1601.4	1567.5	1509.8	1448.7	1391.1	1330.0	1323.2
55°	1886.4	1886.4	1852.5	1818.5	1784.6	1750.7	1689.6	1628.5	1567.5	1506.4	1503.0
57.5°	2103.5	2103.5	2069.6	2035.7	2001.8	1967.8	1906.8	1849.1	1788.0	1726.9	1730.3
60°	2341.0	2347.8	2317.3	2286.8	2256.2	2225.7	2157.8	2090.0	2018.7	1950.9	1961.0
62.5°	2578.5	2588.7	2568.4	2544.6	2524.3	2500.5	2432.6	2361.4	2293.5	2222.3	2242.6
65°	2826.2	2843.2	2826.2	2812.6	2795.7	2778.7	2697.3	2615.9	2534.4	2453.0	2490.3
67.5°	3070.5	3087.5	3080.7	3073.9	3067.1	3060.3	2965.3	2873.7	2778.7	2683.7	2727.8
70°	3325.0	3341.9	3338.5	3335.1	3331.7	3328.3	3213.0	3097.6	2982.3	2866.9	2911.0
72.5°	3477.6	3494.6	3487.8	3477.6	3470.8	3460.7	3345.3	3226.6	3111.2	2992.5	3036.6
75°	3325.0	3352.1	3362.3	3375.8	3386.0	3396.2	3294.4	3189.2	3087.5	2982.3	3046.7
77.5°	2673.5	2700.7	2758.4	2812.6	2870.3	2924.6	2873.7	2826.2	2775.3	2724.4	2839.8
80°	1489.4	1557.3	1659.1	1764.3	1866.0	1967.8	2001.8	2039.1	2073.0	2106.9	2273.2
82.5°	410.5	444.5	536.1	631.1	722.7	814.3	919.5	1024.6	1126.4	1231.6	1397.8
85°	115.4	132.3	145.9	159.5	173.0	186.6	220.5	254.5	285.0	318.9	403.7
87.5°	13.6	13.6	17.0	20.4	20.4	23.7	27.1	30.5	30.5	33.9	30.5
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	804.1	807.5	810.9	814.3	814.3	817.7	817.7	821.1	821.1	824.5	824.5
5°	695.5	695.5	695.5	698.9	702.3	705.7	709.1	726.1	739.6	756.6	770.2
7.5°	678.6	675.2	675.2	671.8	671.8	668.4	665.0	658.2	648.0	641.2	631.1
10°	576.8	576.8	576.8	566.6	559.8	549.6	539.5	536.1	529.3	525.9	519.1
12.5°	556.4	532.7	508.9	502.1	495.4	488.6	481.8	485.2	488.6	492.0	495.4
15°	464.8	454.6	441.1	437.7	434.3	427.5	424.1	424.1	427.5	427.5	427.5
17.5°	471.6	437.7	403.7	420.7	441.1	458.0	475.0	468.2	461.4	451.2	444.5
20°	505.5	505.5	502.1	492.0	478.4	468.2	454.6	444.5	437.7	427.5	417.3
22.5°	502.1	508.9	515.7	498.7	481.8	461.4	444.5	464.8	481.8	502.1	519.1
25°	536.1	505.5	478.4	492.0	505.5	519.1	532.7	515.7	498.7	481.8	464.8
27.5°	566.6	573.4	583.6	566.6	549.6	532.7	515.7	529.3	542.8	553.0	566.6
30°	583.6	570.0	553.0	559.8	570.0	576.8	583.6	600.5	617.5	631.1	648.0
32.5°	627.7	624.3	624.3	624.3	627.7	627.7	627.7	661.6	692.1	726.1	756.6
35°	678.6	671.8	665.0	671.8	678.6	685.3	692.1	719.3	743.0	770.2	793.9
37.5°	729.5	722.7	719.3	719.3	719.3	719.3	719.3	749.8	780.3	807.5	838.0
40°	793.9	783.7	777.0	773.6	770.2	763.4	760.0	797.3	834.6	872.0	909.3
42.5°	865.2	855.0	841.4	838.0	834.6	827.8	824.5	865.2	905.9	943.2	983.9
45°	950.0	936.4	922.8	919.5	912.7	909.3	902.5	943.2	983.9	1024.6	1065.3
47.5°	1051.8	1045.0	1034.8	1028.0	1017.8	1011.1	1000.9	1041.6	1085.7	1126.4	1167.1
50°	1167.1	1167.1	1163.7	1150.2	1136.6	1123.0	1109.4	1150.2	1190.9	1231.6	1272.3
52.5°	1319.8	1313.0	1306.2	1292.7	1279.1	1262.1	1248.6	1289.3	1326.6	1367.3	1404.6
55°	1503.0	1499.6	1496.2	1475.9	1455.5	1435.2	1414.8	1452.1	1492.8	1530.2	1567.5
57.5°	1730.3	1733.7	1733.7	1706.6	1679.4	1648.9	1621.8	1662.5	1703.2	1740.5	1781.2
60°	1974.6	1984.8	1995.0	1961.0	1927.1	1889.8	1855.9	1893.2	1927.1	1964.4	1998.4
62.5°	2263.0	2280.0	2300.3	2249.4	2198.5	2147.6	2096.8	2137.5	2178.2	2215.5	2256.2
65°	2531.0	2568.4	2605.7	2544.6	2483.5	2422.5	2361.4	2402.1	2446.2	2486.9	2527.6
67.5°	2771.9	2816.0	2860.1	2799.1	2734.6	2673.5	2609.1	2656.6	2704.1	2748.2	2795.7
70°	2955.1	2999.2	3043.4	2985.7	2928.0	2870.3	2812.6	2853.4	2894.1	2934.8	2975.5
72.5°	3084.1	3128.2	3172.3	3101.0	3029.8	2955.1	2883.9	2931.4	2978.9	3023.0	3070.5
75°	3111.2	3175.7	3240.1	3145.1	3046.7	2951.7	2853.4	2887.3	2921.2	2955.1	2989.1
77.5°	2955.1	3070.5	3185.9	3050.1	2911.0	2775.3	2636.2	2632.8	2626.0	2622.6	2615.9
80°	2439.4	2602.3	2768.5	2609.1	2453.0	2293.5	2134.1	2073.0	2011.9	1950.9	1889.8
82.5°	1564.1	1726.9	1893.2	1716.8	1540.3	1360.5	1184.1	1045.0	909.3	770.2	631.1
85°	488.6	573.4	658.2	587.0	515.7	444.5	373.2	325.7	278.2	230.7	183.2
87.5°	30.5	27.1	23.7	27.1	27.1	30.5	30.5	27.1	27.1	23.7	20.4
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	824.5	824.5	821.1	821.1	821.1	824.5	824.5	824.5	824.5	824.5	824.5
5°	777.0	787.1	793.9	800.7	804.1	804.1	807.5	807.5	807.5	807.5	807.5
7.5°	644.6	661.6	675.2	688.7	692.1	695.5	695.5	698.9	698.9	695.5	698.9
10°	522.5	529.3	532.7	536.1	553.0	573.4	590.3	607.3	607.3	607.3	607.3
12.5°	485.2	475.0	461.4	451.2	468.2	485.2	502.1	519.1	519.1	519.1	519.1
15°	441.1	454.6	468.2	481.8	505.5	532.7	556.4	580.2	580.2	580.2	580.2
17.5°	447.9	447.9	451.2	451.2	464.8	475.0	488.6	498.7	502.1	502.1	502.1
20°	434.3	451.2	468.2	485.2	512.3	539.5	563.2	590.3	593.7	597.1	593.7
22.5°	508.9	498.7	485.2	475.0	475.0	475.0	471.6	471.6	475.0	475.0	475.0
25°	495.4	522.5	553.0	580.2	600.5	617.5	637.8	654.8	654.8	651.4	654.8
27.5°	583.6	600.5	617.5	634.5	665.0	692.1	722.7	749.8	756.6	760.0	756.6
30°	692.1	732.8	777.0	817.7	838.0	858.4	878.7	899.1	899.1	899.1	899.1
32.5°	780.3	804.1	827.8	851.6	872.0	895.7	916.1	936.4	936.4	936.4	936.4
35°	821.1	848.2	872.0	899.1	919.5	939.8	956.8	977.1	980.5	980.5	980.5
37.5°	872.0	902.5	936.4	967.0	983.9	997.5	1014.5	1028.0	1031.4	1034.8	1031.4
40°	943.2	977.1	1011.1	1045.0	1058.6	1072.1	1082.3	1095.9	1095.9	1095.9	1095.9
42.5°	1021.2	1055.2	1092.5	1126.4	1140.0	1153.6	1167.1	1180.7	1184.1	1187.5	1184.1
45°	1106.1	1146.8	1187.5	1228.2	1245.2	1262.1	1275.7	1292.7	1296.1	1299.4	1296.1
47.5°	1218.0	1265.5	1316.4	1363.9	1377.5	1391.1	1404.6	1418.2	1418.2	1418.2	1418.2
50°	1336.8	1397.8	1462.3	1523.4	1530.2	1540.3	1547.1	1553.9	1557.3	1557.3	1557.3
52.5°	1475.9	1547.1	1615.0	1686.2	1689.6	1696.4	1699.8	1703.2	1703.2	1699.8	1703.2
55°	1645.5	1720.2	1798.2	1872.8	1872.8	1876.2	1876.2	1876.2	1872.8	1866.0	1872.8
57.5°	1855.9	1930.5	2001.8	2076.4	2073.0	2069.6	2066.2	2062.8	2062.8	2059.4	2062.8
60°	2069.6	2144.3	2215.5	2286.8	2280.0	2269.8	2263.0	2252.8	2249.4	2242.6	2249.4
62.5°	2313.9	2375.0	2432.6	2490.3	2476.8	2463.2	2449.6	2436.0	2436.0	2436.0	2436.0
65°	2571.8	2619.3	2663.4	2707.5	2693.9	2683.7	2670.1	2656.6	2649.8	2643.0	2649.8
67.5°	2829.6	2863.5	2894.1	2928.0	2911.0	2894.1	2877.1	2860.1	2853.4	2843.2	2853.4
70°	3009.4	3043.4	3077.3	3111.2	3094.2	3077.3	3056.9	3040.0	3036.6	3033.2	3036.6
72.5°	3111.2	3151.9	3192.6	3233.3	3223.2	3209.6	3199.4	3185.9	3182.5	3175.7	3182.5
75°	3019.6	3053.5	3084.1	3114.6	3097.6	3080.7	3063.7	3046.7	3036.6	3023.0	3036.6
77.5°	2615.9	2619.3	2619.3	2619.3	2598.9	2578.5	2558.2	2537.8	2531.0	2520.9	2531.0
80°	1818.5	1747.3	1676.0	1604.8	1536.9	1469.1	1401.2	1333.4	1316.4	1296.1	1316.4
82.5°	573.4	512.3	454.6	393.6	366.4	335.9	308.7	278.2	268.0	254.5	268.0
85°	173.0	162.9	149.3	139.1	128.9	118.7	105.2	95.0	88.2	81.4	88.2
87.5°	17.0	17.0	13.6	10.2	10.2	10.2	10.2	10.2	10.2	6.8	10.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	824.5	824.5	824.5	821.1	821.1	821.1	824.5	824.5	824.5	824.5	821.1
5°	807.5	807.5	804.1	804.1	800.7	793.9	787.1	777.0	770.2	756.6	739.6
7.5°	698.9	695.5	695.5	692.1	688.7	675.2	661.6	644.6	631.1	641.2	648.0
10°	607.3	590.3	573.4	553.0	536.1	532.7	529.3	522.5	519.1	525.9	529.3
12.5°	519.1	502.1	485.2	468.2	451.2	461.4	475.0	485.2	495.4	492.0	488.6
15°	580.2	556.4	532.7	505.5	481.8	468.2	454.6	441.1	427.5	427.5	427.5
17.5°	498.7	488.6	475.0	464.8	451.2	451.2	447.9	447.9	444.5	451.2	461.4
20°	590.3	563.2	539.5	512.3	485.2	468.2	451.2	434.3	417.3	427.5	437.7
22.5°	471.6	471.6	475.0	475.0	475.0	485.2	498.7	508.9	519.1	502.1	481.8
25°	654.8	637.8	617.5	600.5	580.2	553.0	522.5	495.4	464.8	481.8	498.7
27.5°	749.8	722.7	692.1	665.0	634.5	617.5	600.5	583.6	566.6	553.0	542.8
30°	899.1	878.7	858.4	838.0	817.7	777.0	732.8	692.1	648.0	631.1	617.5
32.5°	936.4	916.1	895.7	872.0	851.6	827.8	804.1	780.3	756.6	726.1	692.1
35°	977.1	956.8	939.8	919.5	899.1	872.0	848.2	821.1	793.9	770.2	743.0
37.5°	1028.0	1014.5	997.5	983.9	967.0	936.4	902.5	872.0	838.0	807.5	780.3
40°	1095.9	1082.3	1072.1	1058.6	1045.0	1011.1	977.1	943.2	909.3	872.0	834.6
42.5°	1180.7	1167.1	1153.6	1140.0	1126.4	1092.5	1055.2	1021.2	983.9	943.2	905.9
45°	1292.7	1275.7	1262.1	1245.2	1228.2	1187.5	1146.8	1106.1	1065.3	1024.6	983.9
47.5°	1418.2	1404.6	1391.1	1377.5	1363.9	1316.4	1265.5	1218.0	1167.1	1126.4	1085.7
50°	1553.9	1547.1	1540.3	1530.2	1523.4	1462.3	1397.8	1336.8	1272.3	1231.6	1190.9
52.5°	1703.2	1699.8	1696.4	1689.6	1686.2	1615.0	1547.1	1475.9	1404.6	1367.3	1326.6
55°	1876.2	1876.2	1876.2	1872.8	1872.8	1798.2	1720.2	1645.5	1567.5	1530.2	1492.8
57.5°	2062.8	2066.2	2069.6	2073.0	2076.4	2001.8	1930.5	1855.9	1781.2	1740.5	1703.2
60°	2252.8	2263.0	2269.8	2280.0	2286.8	2215.5	2144.3	2069.6	1998.4	1964.4	1927.1
62.5°	2436.0	2449.6	2463.2	2476.8	2490.3	2432.6	2375.0	2313.9	2256.2	2215.5	2178.2
65°	2656.6	2670.1	2683.7	2693.9	2707.5	2663.4	2619.3	2571.8	2527.6	2486.9	2446.2
67.5°	2860.1	2877.1	2894.1	2911.0	2928.0	2894.1	2863.5	2829.6	2795.7	2748.2	2704.1
70°	3040.0	3056.9	3077.3	3094.2	3111.2	3077.3	3043.4	3009.4	2975.5	2934.8	2894.1
72.5°	3185.9	3199.4	3209.6	3223.2	3233.3	3192.6	3151.9	3111.2	3070.5	3023.0	2978.9
75°	3046.7	3063.7	3080.7	3097.6	3114.6	3084.1	3053.5	3019.6	2989.1	2955.1	2921.2
77.5°	2537.8	2558.2	2578.5	2598.9	2619.3	2619.3	2619.3	2615.9	2615.9	2622.6	2626.0
80°	1333.4	1401.2	1469.1	1536.9	1604.8	1676.0	1747.3	1818.5	1889.8	1950.9	2011.9
82.5°	278.2	308.7	335.9	366.4	393.6	454.6	512.3	573.4	631.1	770.2	909.3
85°	95.0	105.2	118.7	128.9	139.1	149.3	162.9	173.0	183.2	230.7	278.2
87.5°	10.2	10.2	10.2	10.2	10.2	13.6	17.0	17.0	20.4	23.7	27.1
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	821.1	817.7	817.7	814.3	814.3	810.9	807.5	804.1	800.7	797.3	793.9
5°	726.1	709.1	705.7	702.3	698.9	695.5	695.5	695.5	695.5	695.5	695.5
7.5°	658.2	665.0	668.4	671.8	671.8	675.2	675.2	678.6	678.6	678.6	675.2
10°	536.1	539.5	549.6	559.8	566.6	576.8	576.8	576.8	573.4	573.4	590.3
12.5°	485.2	481.8	488.6	495.4	502.1	508.9	532.7	556.4	576.8	600.5	614.1
15°	424.1	424.1	427.5	434.3	437.7	441.1	454.6	464.8	478.4	488.6	508.9
17.5°	468.2	475.0	458.0	441.1	420.7	403.7	437.7	471.6	505.5	539.5	556.4
20°	444.5	454.6	468.2	478.4	492.0	502.1	505.5	505.5	508.9	508.9	508.9
22.5°	464.8	444.5	461.4	481.8	498.7	515.7	508.9	502.1	495.4	488.6	519.1
25°	515.7	532.7	519.1	505.5	492.0	478.4	505.5	536.1	563.2	590.3	580.2
27.5°	529.3	515.7	532.7	549.6	566.6	583.6	573.4	566.6	556.4	546.2	566.6
30°	600.5	583.6	576.8	570.0	559.8	553.0	570.0	583.6	600.5	614.1	610.7
32.5°	661.6	627.7	627.7	627.7	624.3	624.3	624.3	627.7	627.7	627.7	651.4
35°	719.3	692.1	685.3	678.6	671.8	665.0	671.8	678.6	682.0	688.7	719.3
37.5°	749.8	719.3	719.3	719.3	719.3	719.3	722.7	729.5	732.8	736.2	770.2
40°	797.3	760.0	763.4	770.2	773.6	777.0	783.7	793.9	800.7	807.5	838.0
42.5°	865.2	824.5	827.8	834.6	838.0	841.4	855.0	865.2	878.7	888.9	922.8
45°	943.2	902.5	909.3	912.7	919.5	922.8	936.4	950.0	960.2	973.7	1017.8
47.5°	1041.6	1000.9	1011.1	1017.8	1028.0	1034.8	1045.0	1051.8	1062.0	1068.7	1116.2
50°	1150.2	1109.4	1123.0	1136.6	1150.2	1163.7	1167.1	1167.1	1170.5	1170.5	1231.6
52.5°	1289.3	1248.6	1262.1	1279.1	1292.7	1306.2	1313.0	1319.8	1323.2	1330.0	1391.1
55°	1452.1	1414.8	1435.2	1455.5	1475.9	1496.2	1499.6	1503.0	1503.0	1506.4	1567.5
57.5°	1662.5	1621.8	1648.9	1679.4	1706.6	1733.7	1733.7	1730.3	1730.3	1726.9	1788.0
60°	1893.2	1855.9	1889.8	1927.1	1961.0	1995.0	1984.8	1974.6	1961.0	1950.9	2018.7
62.5°	2137.5	2096.8	2147.6	2198.5	2249.4	2300.3	2280.0	2263.0	2242.6	2222.3	2293.5
65°	2402.1	2361.4	2422.5	2483.5	2544.6	2605.7	2568.4	2531.0	2490.3	2453.0	2534.4
67.5°	2656.6	2609.1	2673.5	2734.6	2799.1	2860.1	2816.0	2771.9	2727.8	2683.7	2778.7
70°	2853.4	2812.6	2870.3	2928.0	2985.7	3043.4	2999.2	2955.1	2911.0	2866.9	2982.3
72.5°	2931.4	2883.9	2955.1	3029.8	3101.0	3172.3	3128.2	3084.1	3036.6	2992.5	3111.2
75°	2887.3	2853.4	2951.7	3046.7	3145.1	3240.1	3175.7	3111.2	3046.7	2982.3	3087.5
77.5°	2632.8	2636.2	2775.3	2911.0	3050.1	3185.9	3070.5	2955.1	2839.8	2724.4	2775.3
80°	2073.0	2134.1	2293.5	2453.0	2609.1	2768.5	2602.3	2439.4	2273.2	2106.9	2073.0
82.5°	1045.0	1184.1	1360.5	1540.3	1716.8	1893.2	1726.9	1564.1	1397.8	1231.6	1126.4
85°	325.7	373.2	444.5	515.7	587.0	658.2	573.4	488.6	403.7	318.9	285.0
87.5°	27.1	30.5	30.5	27.1	27.1	23.7	27.1	30.5	30.5	33.9	30.5
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: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6	834.6
2.5°	790.5	783.7	780.3	770.2	760.0	749.8	739.6	739.6	743.0	743.0	743.0
5°	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	698.9	698.9	698.9
7.5°	671.8	668.4	665.0	661.6	661.6	658.2	654.8	644.6	631.1	620.9	607.3
10°	610.7	627.7	644.6	651.4	658.2	661.6	668.4	668.4	671.8	671.8	671.8
12.5°	631.1	644.6	658.2	654.8	651.4	648.0	644.6	631.1	614.1	600.5	583.6
15°	529.3	546.2	566.6	590.3	617.5	641.2	665.0	668.4	671.8	675.2	678.6
17.5°	576.8	593.7	610.7	617.5	627.7	634.5	641.2	627.7	610.7	597.1	580.2
20°	505.5	505.5	502.1	542.8	587.0	627.7	668.4	675.2	682.0	685.3	692.1
22.5°	546.2	576.8	603.9	600.5	597.1	593.7	590.3	590.3	590.3	587.0	587.0
25°	573.4	563.2	553.0	590.3	624.3	661.6	695.5	702.3	709.1	712.5	719.3
27.5°	590.3	610.7	631.1	624.3	617.5	607.3	600.5	603.9	610.7	614.1	617.5
30°	610.7	607.3	603.9	641.2	675.2	712.5	746.4	749.8	753.2	753.2	756.6
32.5°	671.8	695.5	715.9	732.8	753.2	770.2	787.1	817.7	851.6	882.1	912.7
35°	749.8	777.0	807.5	841.4	875.3	909.3	943.2	950.0	960.2	967.0	973.7
37.5°	800.7	834.6	865.2	902.5	939.8	973.7	1011.1	1017.8	1021.2	1028.0	1031.4
40°	868.6	899.1	929.6	970.3	1011.1	1048.4	1089.1	1095.9	1099.3	1106.1	1109.4
42.5°	953.4	987.3	1017.8	1058.6	1095.9	1136.6	1173.9	1177.3	1184.1	1187.5	1190.9
45°	1058.6	1102.7	1143.4	1180.7	1214.6	1251.9	1285.9	1289.3	1292.7	1292.7	1296.1
47.5°	1163.7	1207.8	1255.3	1292.7	1330.0	1363.9	1401.2	1408.0	1411.4	1418.2	1421.6
50°	1289.3	1350.3	1408.0	1441.9	1479.3	1513.2	1547.1	1550.5	1557.3	1560.7	1564.1
52.5°	1448.7	1509.8	1567.5	1601.4	1638.7	1672.7	1706.6	1710.0	1710.0	1713.4	1713.4
55°	1628.5	1689.6	1750.7	1784.6	1818.5	1852.5	1886.4	1886.4	1886.4	1883.0	1883.0
57.5°	1849.1	1906.8	1967.8	2001.8	2035.7	2069.6	2103.5	2103.5	2103.5	2103.5	2103.5
60°	2090.0	2157.8	2225.7	2256.2	2286.8	2317.3	2347.8	2341.0	2330.9	2324.1	2313.9
62.5°	2361.4	2432.6	2500.5	2524.3	2544.6	2568.4	2588.7	2578.5	2565.0	2554.8	2541.2
65°	2615.9	2697.3	2778.7	2795.7	2812.6	2826.2	2843.2	2826.2	2809.2	2788.9	2771.9
67.5°	2873.7	2965.3	3060.3	3067.1	3073.9	3080.7	3087.5	3070.5	3053.5	3033.2	3016.2
70°	3097.6	3213.0	3328.3	3331.7	3335.1	3338.5	3341.9	3325.0	3308.0	3287.6	3270.7
72.5°	3226.6	3345.3	3460.7	3470.8	3477.6	3487.8	3494.6	3477.6	3464.1	3447.1	3430.1
75°	3189.2	3294.4	3396.2	3386.0	3375.8	3362.3	3352.1	3325.0	3297.8	3267.3	3240.1
77.5°	2826.2	2873.7	2924.6	2870.3	2812.6	2758.4	2700.7	2673.5	2643.0	2615.9	2585.3
80°	2039.1	2001.8	1967.8	1866.0	1764.3	1659.1	1557.3	1489.4	1421.6	1353.7	1285.9
82.5°	1024.6	919.5	814.3	722.7	631.1	536.1	444.5	410.5	373.2	339.3	302.0
85°	254.5	220.5	186.6	173.0	159.5	145.9	132.3	115.4	101.8	84.8	67.9
87.5°	30.5	27.1	23.7	20.4	20.4	17.0	13.6	13.6	13.6	10.2	10.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561101

CATALOG NUMBER: SDL-PA1-80-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	834.6	834.6
2.5°	743.0	739.6
5°	698.9	698.9
7.5°	603.9	597.1
10°	671.8	671.8
12.5°	587.0	590.3
15°	678.6	678.6
17.5°	580.2	576.8
20°	692.1	692.1
22.5°	587.0	587.0
25°	719.3	715.9
27.5°	617.5	617.5
30°	756.6	756.6
32.5°	916.1	919.5
35°	977.1	977.1
37.5°	1034.8	1034.8
40°	1109.4	1106.1
42.5°	1194.3	1194.3
45°	1299.4	1299.4
47.5°	1425.0	1428.4
50°	1564.1	1564.1
52.5°	1713.4	1710.0
55°	1883.0	1883.0
57.5°	2093.4	2079.8
60°	2310.5	2307.1
62.5°	2537.8	2531.0
65°	2768.5	2761.7
67.5°	3012.8	3006.0
70°	3270.7	3267.3
72.5°	3420.0	3409.8
75°	3233.3	3226.6
77.5°	2558.2	2527.6
80°	1268.9	1251.9
82.5°	302.0	302.0
85°	64.5	61.1
87.5°	10.2	10.2
90°	0.0	0.0

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