Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P560397

Luminaire Tested: **SDL-PA1-40-750-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P560397
	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-PA1-40-750-U-5WQ
Description:	Springdale
	(1) 70 CRI, 5000K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5123 lumens
Efficiency:	N/A
Efficacy:	130.0 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	39.4
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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Scaled Data Report

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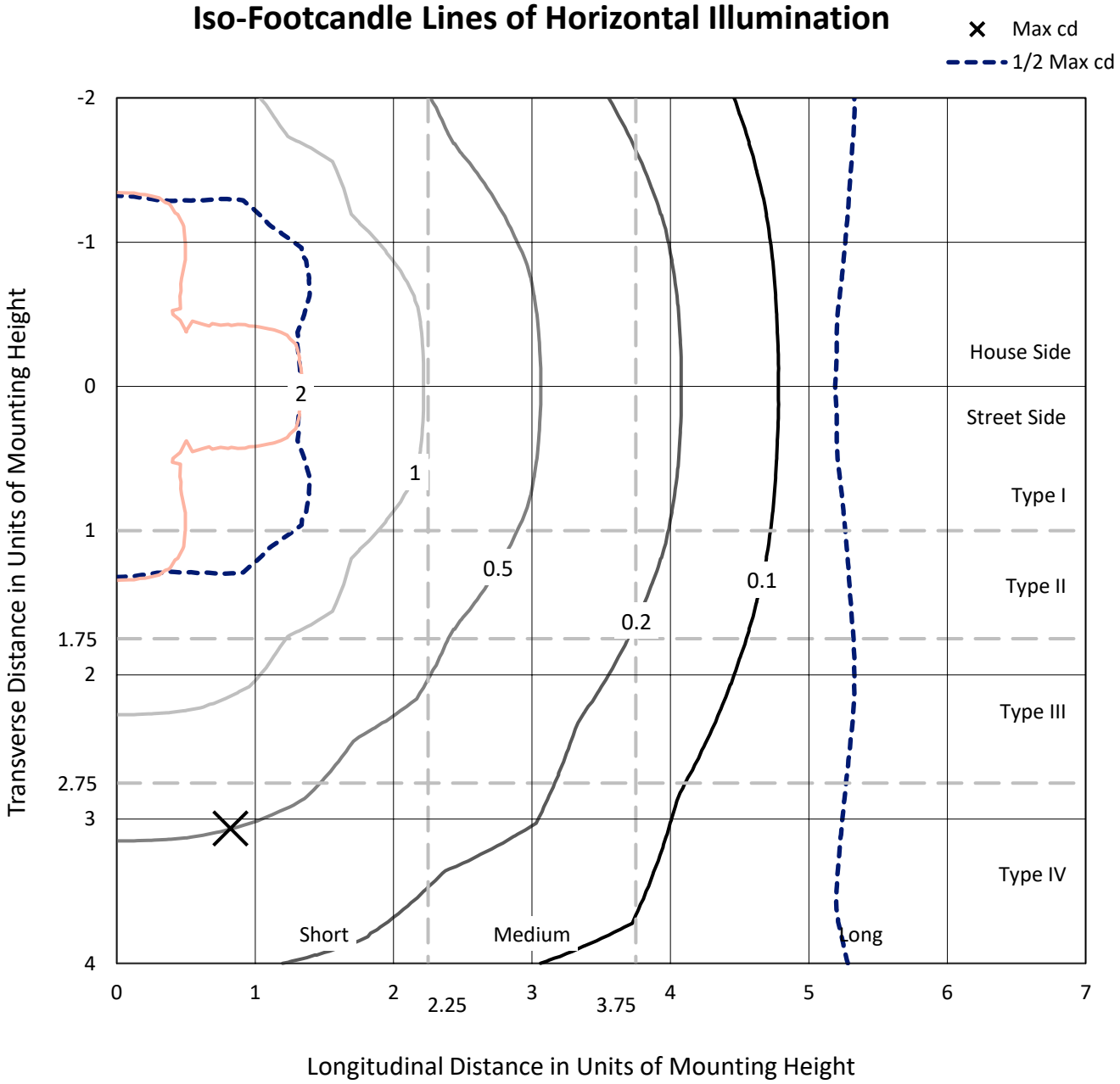
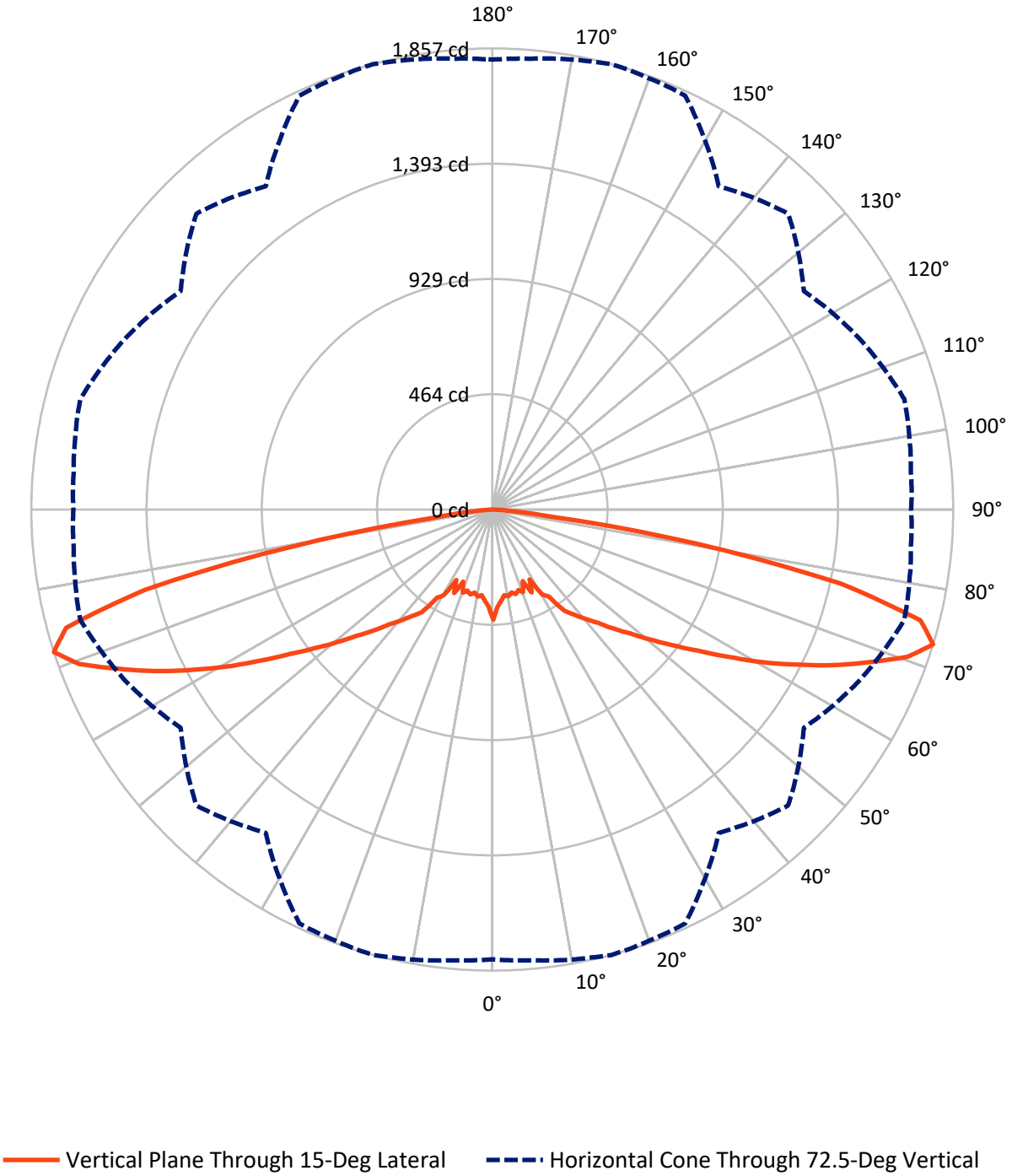
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
Type V - Short - N/A

REPORT NUMBER: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

Luminous Intensity Polar Plot



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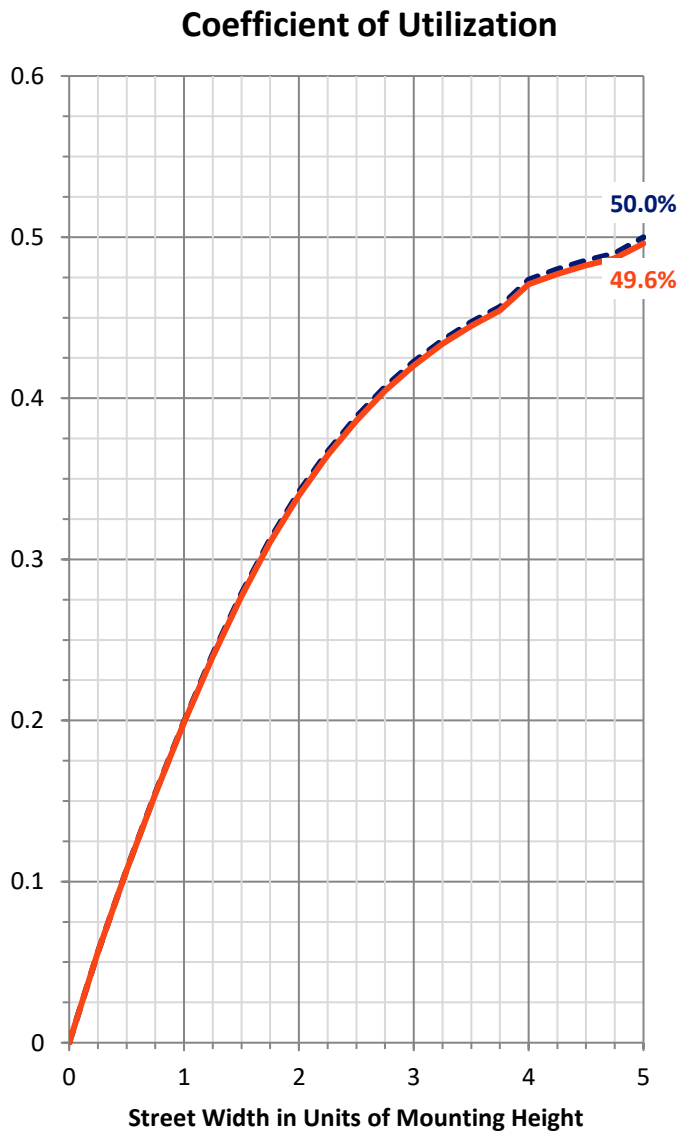
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2561.5	0.0	2561.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2561.5	0.0	2561.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5123.0	0.0	5123.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.8	0.7
10°-20°	80.9	1.6
20°-30°	144.3	2.8
30°-40°	276.0	5.4
40°-50°	470.1	9.2
50°-60°	822.9	16.1
60°-70°	1388.6	27.1
70°-80°	1619.7	31.6
80°-90°	285.7	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°	5123.0	100.0
0°-180°	5123.0	100.0



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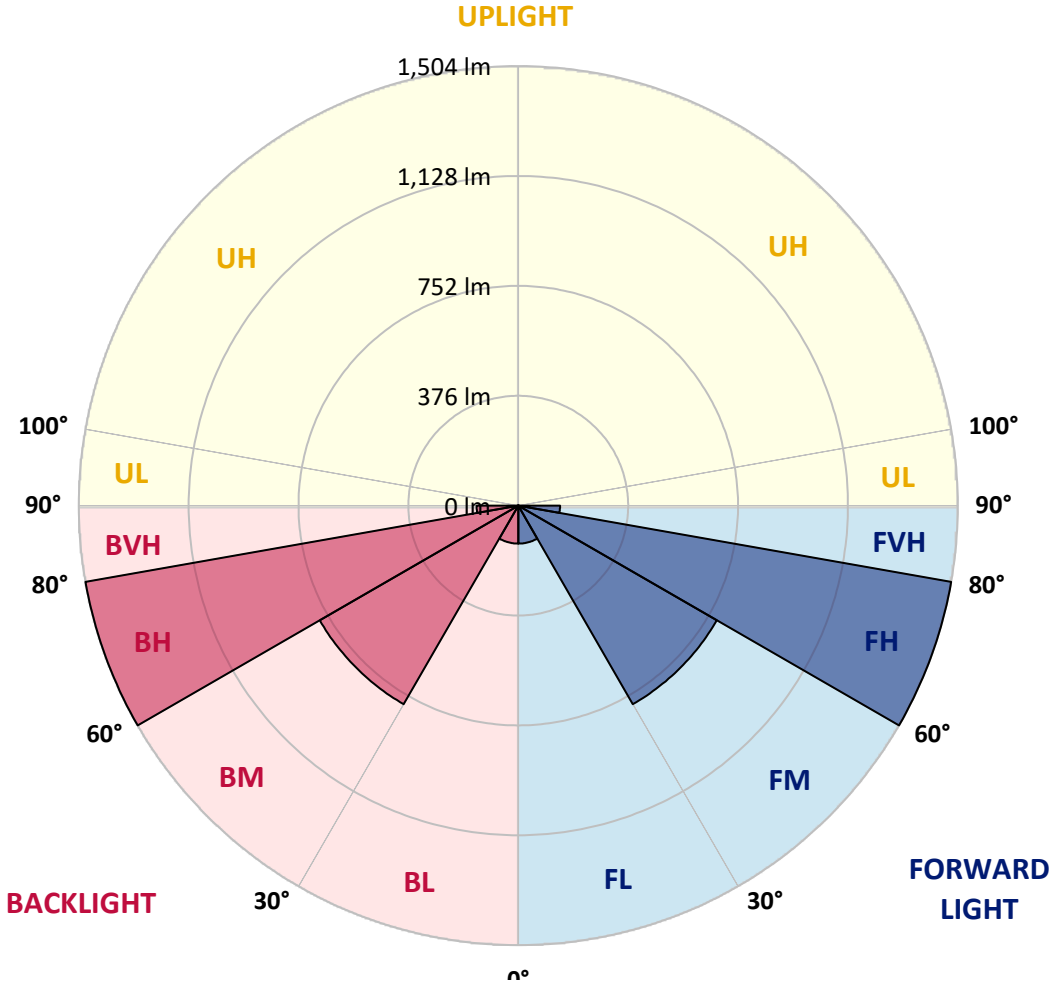
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	130.0	2.5			
FM	(30°-60°)	784.5	15.3			
FH	(60°-80°)	1504.1	29.4			G1/1800
FVH	(80°-90°)	142.8	2.8			G2/225
BL	(0°-30°)	130.0	2.5	B1/500		
BM	(30°-60°)	784.5	15.3	B1/1000		
BH	(60°-80°)	1504.1	29.4	B3/2500		G1/1800
BVH	(80°-90°)	142.8	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



REPORT NUMBER: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	443.5	443.5	443.5	443.5	443.5	443.5	*443.5*	443.5	443.5	443.5	443.5
2.5°	393.1	394.9	394.9	394.9	394.9	393.1	*393.1*	398.5	403.9	409.3	414.7
5°	371.4	371.4	371.4	371.4	371.4	369.6	*369.6*	369.6	369.6	369.6	369.6
7.5°	317.3	320.9	322.7	330.0	335.4	342.6	*348.0*	349.8	351.6	351.6	353.4
10°	357.0	357.0	357.0	357.0	357.0	355.2	*355.2*	351.6	349.8	346.2	342.6
12.5°	313.7	311.9	310.1	319.1	326.4	335.4	*342.6*	344.4	346.2	348.0	349.8
15°	360.6	360.6	360.6	358.8	357.0	355.2	*353.4*	340.8	328.2	313.7	301.1
17.5°	306.5	308.3	308.3	317.3	324.5	333.6	*340.8*	337.2	333.6	328.2	324.5
20°	367.8	367.8	367.8	364.2	362.4	358.8	*355.2*	333.6	311.9	288.5	266.9
22.5°	311.9	311.9	311.9	311.9	313.7	313.7	*313.7*	315.5	317.3	319.1	320.9
25°	380.4	382.2	382.2	378.6	376.8	373.2	*369.6*	351.6	331.8	313.7	293.9
27.5°	328.2	328.2	328.2	326.4	324.5	320.9	*319.1*	322.7	328.2	331.8	335.4
30°	402.1	402.1	402.1	400.3	400.3	398.5	*396.7*	378.6	358.8	340.8	320.9
32.5°	488.6	486.8	485.0	468.8	452.6	434.5	*418.3*	409.3	400.3	389.5	380.4
35°	519.3	519.3	517.5	513.9	510.3	504.9	*501.2*	483.2	465.2	447.2	429.1
37.5°	549.9	549.9	548.1	546.3	542.7	540.9	*537.3*	517.5	499.4	479.6	459.8
40°	587.8	589.6	589.6	587.8	584.2	582.4	*578.8*	557.1	537.3	515.7	494.0
42.5°	634.7	634.7	632.9	631.1	629.3	625.7	*623.9*	604.0	582.4	562.6	540.9
45°	690.6	690.6	688.8	687.0	687.0	685.2	*683.4*	665.3	645.5	627.5	607.6
47.5°	759.1	757.3	755.5	753.7	750.1	748.3	*744.7*	724.8	706.8	687.0	667.1
50°	831.2	831.2	831.2	829.4	827.6	824.0	*822.2*	804.2	786.1	766.3	748.3
52.5°	908.7	910.5	910.5	910.5	908.7	908.7	*906.9*	888.9	870.9	851.0	833.0
55°	1000.7	1000.7	1000.7	1000.7	1002.5	1002.5	*1002.5*	984.5	966.4	948.4	930.4
57.5°	1105.3	1112.5	1117.9	1117.9	1117.9	1117.9	*1117.9*	1099.9	1081.8	1063.8	1045.8
60°	1226.1	1227.9	1229.7	1235.1	1238.7	1244.1	*1247.7*	1231.5	1215.3	1199.0	1182.8
62.5°	1345.1	1348.7	1350.5	1357.7	1363.1	1370.3	*1375.7*	1364.9	1352.3	1341.5	1328.8
65°	1467.7	1471.3	1473.1	1482.1	1492.9	1501.9	*1511.0*	1501.9	1494.7	1485.7	1476.7
67.5°	1597.5	1601.1	1602.9	1611.9	1622.7	1631.8	*1640.8*	1637.2	1633.6	1630.0	1626.3
70°	1736.3	1738.1	1738.1	1747.2	1758.0	1767.0	*1776.0*	1774.2	1772.4	1770.6	1768.8
72.5°	*1812.1*	*1817.5*	*1822.9*	*1831.9*	*1840.9*	*1848.1*	*1857.1*	*1853.5*	*1848.1*	*1844.5*	*1839.1*
75°	1714.7	1718.3	1721.9	1736.3	1752.6	1767.0	*1781.4*	1786.8	1794.0	1799.4	1804.9
77.5°	1343.3	1359.5	1373.9	1390.1	1404.6	1420.8	*1435.2*	1465.9	1494.7	1525.4	1554.2
80°	665.3	674.3	683.4	719.4	755.5	791.5	*827.6*	881.7	937.6	991.7	1045.8
82.5°	160.5	160.5	160.5	180.3	198.3	218.2	*236.2*	284.9	335.4	384.0	432.7
85°	32.5	34.3	36.1	45.1	54.1	61.3	*70.3*	77.5	84.7	92.0	99.2
87.5°	5.4	5.4	5.4	5.4	7.2	7.2	*7.2*	9.0	10.8	10.8	12.6
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	416.5	420.1	421.9	423.7	425.5	427.3	429.1	430.9	432.7	432.7	434.5
5°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	371.4	373.2	375.0
7.5°	355.2	357.0	358.8	360.6	360.6	360.6	358.8	358.8	357.0	357.0	355.2
10°	333.6	324.5	313.7	304.7	304.7	306.5	306.5	306.5	301.1	297.5	292.1
12.5°	342.6	335.4	326.4	319.1	306.5	295.7	283.1	270.5	266.9	263.2	259.6
15°	290.3	281.3	270.5	259.6	254.2	247.0	241.6	234.4	232.6	230.8	227.2
17.5°	315.5	306.5	295.7	286.7	268.7	250.6	232.6	214.6	223.6	234.4	243.4
20°	268.7	268.7	270.5	270.5	270.5	268.7	268.7	266.9	261.4	254.2	248.8
22.5°	306.5	290.3	275.9	259.6	263.2	266.9	270.5	274.1	265.0	256.0	245.2
25°	299.3	304.7	308.3	313.7	299.3	284.9	268.7	254.2	261.4	268.7	275.9
27.5°	324.5	313.7	301.1	290.3	295.7	301.1	304.7	310.1	301.1	292.1	283.1
30°	322.7	324.5	324.5	326.4	319.1	310.1	302.9	293.9	297.5	302.9	306.5
32.5°	369.6	357.0	346.2	333.6	333.6	333.6	331.8	331.8	331.8	333.6	333.6
35°	412.9	398.5	382.2	366.0	362.4	360.6	357.0	353.4	357.0	360.6	364.2
37.5°	443.5	425.5	409.3	391.3	389.5	387.7	384.0	382.2	382.2	382.2	382.2
40°	477.8	461.6	445.4	429.1	425.5	421.9	416.5	412.9	411.1	409.3	405.7
42.5°	524.7	506.7	490.4	472.4	467.0	459.8	454.4	447.2	445.4	443.5	439.9
45°	586.0	562.6	540.9	517.5	510.3	504.9	497.6	490.4	488.6	485.0	483.2
47.5°	641.9	618.4	593.2	568.0	564.4	558.9	555.3	549.9	546.3	540.9	537.3
50°	717.6	685.2	654.5	622.1	622.1	620.2	620.2	618.4	611.2	604.0	596.8
52.5°	802.4	769.9	739.2	706.8	703.2	701.4	697.8	694.2	687.0	679.7	670.7
55°	897.9	865.5	833.0	800.6	798.7	798.7	796.9	795.1	784.3	773.5	762.7
57.5°	1013.3	982.7	950.2	917.8	919.6	919.6	921.4	921.4	906.9	892.5	876.3
60°	1146.7	1110.7	1072.8	1036.8	1042.2	1049.4	1054.8	1060.2	1042.2	1024.1	1004.3
62.5°	1292.8	1254.9	1218.9	1181.0	1191.8	1202.6	1211.6	1222.5	1195.4	1168.4	1141.3
65°	1433.4	1390.1	1346.9	1303.6	1323.4	1345.1	1364.9	1384.7	1352.3	1319.8	1287.4
67.5°	1575.9	1527.2	1476.7	1426.2	1449.6	1473.1	1496.5	1520.0	1487.5	1453.3	1420.8
70°	1707.5	1646.2	1584.9	1523.6	1547.0	1570.5	1593.9	1617.3	1586.7	1556.0	1525.4
72.5°	*1777.8*	*1714.7*	*1653.4*	*1590.3*	*1613.7*	*1639.0*	*1662.4*	*1685.8*	*1648.0*	*1610.1*	*1570.5*
75°	1750.8	1694.9	1640.8	1584.9	1619.1	1653.4	1687.7	1721.9	1671.4	1619.1	1568.7
77.5°	1527.2	1501.9	1474.9	1447.8	1509.2	1570.5	1631.8	1693.1	1620.9	1547.0	1474.9
80°	1063.8	1083.6	1101.7	1119.7	1208.0	1296.4	1382.9	1471.3	1386.5	1303.6	1218.9
82.5°	488.6	544.5	598.6	654.5	742.9	831.2	917.8	1006.1	912.3	818.6	723.0
85°	117.2	135.2	151.5	169.5	214.6	259.6	304.7	349.8	311.9	274.1	236.2
87.5°	14.4	16.2	16.2	18.0	16.2	16.2	14.4	12.6	14.4	14.4	16.2
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	434.5	436.3	436.3	438.1	438.1	438.1	438.1	436.3	436.3	436.3	438.1
5°	376.8	385.9	393.1	402.1	409.3	412.9	418.3	421.9	425.5	427.3	427.3
7.5°	353.4	349.8	344.4	340.8	335.4	342.6	351.6	358.8	366.0	367.8	369.6
10°	286.7	284.9	281.3	279.5	275.9	277.7	281.3	283.1	284.9	293.9	304.7
12.5°	256.0	257.8	259.6	261.4	263.2	257.8	252.4	245.2	239.8	248.8	257.8
15°	225.4	225.4	227.2	227.2	227.2	234.4	241.6	248.8	256.0	268.7	283.1
17.5°	252.4	248.8	245.2	239.8	236.2	238.0	238.0	239.8	239.8	247.0	252.4
20°	241.6	236.2	232.6	227.2	221.8	230.8	239.8	248.8	257.8	272.3	286.7
22.5°	236.2	247.0	256.0	266.9	275.9	270.5	265.0	257.8	252.4	252.4	252.4
25°	283.1	274.1	265.0	256.0	247.0	263.2	277.7	293.9	308.3	319.1	328.2
27.5°	274.1	281.3	288.5	293.9	301.1	310.1	319.1	328.2	337.2	353.4	367.8
30°	310.1	319.1	328.2	335.4	344.4	367.8	389.5	412.9	434.5	445.4	456.2
32.5°	333.6	351.6	367.8	385.9	402.1	414.7	427.3	439.9	452.6	463.4	476.0
35°	367.8	382.2	394.9	409.3	421.9	436.3	450.8	463.4	477.8	488.6	499.4
37.5°	382.2	398.5	414.7	429.1	445.4	463.4	479.6	497.6	513.9	522.9	530.1
40°	403.9	423.7	443.5	463.4	483.2	501.2	519.3	537.3	555.3	562.6	569.8
42.5°	438.1	459.8	481.4	501.2	522.9	542.7	560.7	580.6	598.6	605.8	613.0
45°	479.6	501.2	522.9	544.5	566.2	587.8	609.4	631.1	652.7	661.7	670.7
47.5°	531.9	553.5	577.0	598.6	620.2	647.3	672.5	699.6	724.8	732.0	739.2
50°	589.6	611.2	632.9	654.5	676.1	710.4	742.9	777.1	809.6	813.2	818.6
52.5°	663.5	685.2	705.0	726.6	746.5	784.3	822.2	858.3	896.1	897.9	901.5
55°	751.9	771.7	793.3	813.2	833.0	874.5	914.1	955.6	995.3	995.3	997.1
57.5°	861.9	883.5	905.1	925.0	946.6	986.3	1025.9	1063.8	1103.5	1101.7	1099.9
60°	986.3	1006.1	1024.1	1044.0	1062.0	1099.9	1139.5	1177.4	1215.3	1211.6	1206.2
62.5°	1114.3	1135.9	1157.6	1177.4	1199.0	1229.7	1262.1	1292.8	1323.4	1316.2	1309.0
65°	1254.9	1276.6	1300.0	1321.6	1343.3	1366.7	1392.0	1415.4	1438.8	1431.6	1426.2
67.5°	1386.5	1411.8	1437.0	1460.5	1485.7	1503.7	1521.8	1538.0	1556.0	1547.0	1538.0
70°	1494.7	1516.4	1538.0	1559.6	1581.3	1599.3	1617.3	1635.4	1653.4	1644.4	1635.4
72.5°	*1532.6*	*1557.8*	*1583.1*	*1606.5*	*1631.8*	*1653.4*	*1675.0*	*1696.7*	*1718.3*	*1712.9*	*1705.7*
75°	1516.4	1534.4	1552.4	1570.5	1588.5	1604.7	1622.7	1639.0	1655.2	1646.2	1637.2
77.5°	1401.0	1399.2	1395.6	1393.8	1390.1	1390.1	1392.0	1392.0	1392.0	1381.1	1370.3
80°	1134.1	1101.7	1069.2	1036.8	1004.3	966.4	928.6	890.7	852.8	816.8	780.7
82.5°	629.3	555.3	483.2	409.3	335.4	304.7	272.3	241.6	209.2	194.7	178.5
85°	198.3	173.1	147.8	122.6	97.4	92.0	86.5	79.3	73.9	68.5	63.1
87.5°	16.2	14.4	14.4	12.6	10.8	9.0	9.0	7.2	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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	438.1	438.1	438.1	438.1	438.1	438.1	438.1	438.1	436.3	436.3	436.3
5°	429.1	429.1	429.1	429.1	429.1	429.1	429.1	427.3	427.3	425.5	421.9
7.5°	369.6	371.4	371.4	369.6	371.4	371.4	369.6	369.6	367.8	366.0	358.8
10°	313.7	322.7	322.7	322.7	322.7	322.7	313.7	304.7	293.9	284.9	283.1
12.5°	266.9	275.9	275.9	275.9	275.9	275.9	266.9	257.8	248.8	239.8	245.2
15°	295.7	308.3	308.3	308.3	308.3	308.3	295.7	283.1	268.7	256.0	248.8
17.5°	259.6	265.0	266.9	266.9	266.9	265.0	259.6	252.4	247.0	239.8	239.8
20°	299.3	313.7	315.5	317.3	315.5	313.7	299.3	286.7	272.3	257.8	248.8
22.5°	250.6	250.6	252.4	252.4	252.4	250.6	250.6	252.4	252.4	252.4	257.8
25°	339.0	348.0	348.0	346.2	348.0	348.0	339.0	328.2	319.1	308.3	293.9
27.5°	384.0	398.5	402.1	403.9	402.1	398.5	384.0	367.8	353.4	337.2	328.2
30°	467.0	477.8	477.8	477.8	477.8	477.8	467.0	456.2	445.4	434.5	412.9
32.5°	486.8	497.6	497.6	497.6	497.6	497.6	486.8	476.0	463.4	452.6	439.9
35°	508.5	519.3	521.1	521.1	521.1	519.3	508.5	499.4	488.6	477.8	463.4
37.5°	539.1	546.3	548.1	549.9	548.1	546.3	539.1	530.1	522.9	513.9	497.6
40°	575.2	582.4	582.4	582.4	582.4	582.4	575.2	569.8	562.6	555.3	537.3
42.5°	620.2	627.5	629.3	631.1	629.3	627.5	620.2	613.0	605.8	598.6	580.6
45°	677.9	687.0	688.8	690.6	688.8	687.0	677.9	670.7	661.7	652.7	631.1
47.5°	746.5	753.7	753.7	753.7	753.7	753.7	746.5	739.2	732.0	724.8	699.6
50°	822.2	825.8	827.6	827.6	827.6	825.8	822.2	818.6	813.2	809.6	777.1
52.5°	903.3	905.1	905.1	903.3	905.1	905.1	903.3	901.5	897.9	896.1	858.3
55°	997.1	997.1	995.3	991.7	995.3	997.1	997.1	997.1	995.3	995.3	955.6
57.5°	1098.1	1096.3	1096.3	1094.4	1096.3	1096.3	1098.1	1099.9	1101.7	1103.5	1063.8
60°	1202.6	1197.2	1195.4	1191.8	1195.4	1197.2	1202.6	1206.2	1211.6	1215.3	1177.4
62.5°	1301.8	1294.6	1294.6	1294.6	1294.6	1294.6	1301.8	1309.0	1316.2	1323.4	1292.8
65°	1419.0	1411.8	1408.2	1404.6	1408.2	1411.8	1419.0	1426.2	1431.6	1438.8	1415.4
67.5°	1529.0	1520.0	1516.4	1511.0	1516.4	1520.0	1529.0	1538.0	1547.0	1556.0	1538.0
70°	1624.5	1615.5	1613.7	1611.9	1613.7	1615.5	1624.5	1635.4	1644.4	1653.4	1635.4
72.5°	*1700.3*	*1693.1*	*1691.3*	*1687.7*	*1691.3*	*1693.1*	*1700.3*	*1705.7*	*1712.9*	*1718.3*	*1696.7*
75°	1628.2	1619.1	1613.7	1606.5	1613.7	1619.1	1628.2	1637.2	1646.2	1655.2	1639.0
77.5°	1359.5	1348.7	1345.1	1339.7	1345.1	1348.7	1359.5	1370.3	1381.1	1392.0	1392.0
80°	744.7	708.6	699.6	688.8	699.6	708.6	744.7	780.7	816.8	852.8	890.7
82.5°	164.1	147.8	142.4	135.2	142.4	147.8	164.1	178.5	194.7	209.2	241.6
85°	55.9	50.5	46.9	43.3	46.9	50.5	55.9	63.1	68.5	73.9	79.3
87.5°	5.4	5.4	5.4	3.6	5.4	5.4	5.4	5.4	5.4	5.4	7.2
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	438.1	438.1	438.1	438.1	436.3	436.3	434.5	434.5	432.7	432.7	430.9
5°	418.3	412.9	409.3	402.1	393.1	385.9	376.8	375.0	373.2	371.4	369.6
7.5°	351.6	342.6	335.4	340.8	344.4	349.8	353.4	355.2	357.0	357.0	358.8
10°	281.3	277.7	275.9	279.5	281.3	284.9	286.7	292.1	297.5	301.1	306.5
12.5°	252.4	257.8	263.2	261.4	259.6	257.8	256.0	259.6	263.2	266.9	270.5
15°	241.6	234.4	227.2	227.2	227.2	225.4	225.4	227.2	230.8	232.6	234.4
17.5°	238.0	238.0	236.2	239.8	245.2	248.8	252.4	243.4	234.4	223.6	214.6
20°	239.8	230.8	221.8	227.2	232.6	236.2	241.6	248.8	254.2	261.4	266.9
22.5°	265.0	270.5	275.9	266.9	256.0	247.0	236.2	245.2	256.0	265.0	274.1
25°	277.7	263.2	247.0	256.0	265.0	274.1	283.1	275.9	268.7	261.4	254.2
27.5°	319.1	310.1	301.1	293.9	288.5	281.3	274.1	283.1	292.1	301.1	310.1
30°	389.5	367.8	344.4	335.4	328.2	319.1	310.1	306.5	302.9	297.5	293.9
32.5°	427.3	414.7	402.1	385.9	367.8	351.6	333.6	333.6	333.6	331.8	331.8
35°	450.8	436.3	421.9	409.3	394.9	382.2	367.8	364.2	360.6	357.0	353.4
37.5°	479.6	463.4	445.4	429.1	414.7	398.5	382.2	382.2	382.2	382.2	382.2
40°	519.3	501.2	483.2	463.4	443.5	423.7	403.9	405.7	409.3	411.1	412.9
42.5°	560.7	542.7	522.9	501.2	481.4	459.8	438.1	439.9	443.5	445.4	447.2
45°	609.4	587.8	566.2	544.5	522.9	501.2	479.6	483.2	485.0	488.6	490.4
47.5°	672.5	647.3	620.2	598.6	577.0	553.5	531.9	537.3	540.9	546.3	549.9
50°	742.9	710.4	676.1	654.5	632.9	611.2	589.6	596.8	604.0	611.2	618.4
52.5°	822.2	784.3	746.5	726.6	705.0	685.2	663.5	670.7	679.7	687.0	694.2
55°	914.1	874.5	833.0	813.2	793.3	771.7	751.9	762.7	773.5	784.3	795.1
57.5°	1025.9	986.3	946.6	925.0	905.1	883.5	861.9	876.3	892.5	906.9	921.4
60°	1139.5	1099.9	1062.0	1044.0	1024.1	1006.1	986.3	1004.3	1024.1	1042.2	1060.2
62.5°	1262.1	1229.7	1199.0	1177.4	1157.6	1135.9	1114.3	1141.3	1168.4	1195.4	1222.5
65°	1392.0	1366.7	1343.3	1321.6	1300.0	1276.6	1254.9	1287.4	1319.8	1352.3	1384.7
67.5°	1521.8	1503.7	1485.7	1460.5	1437.0	1411.8	1386.5	1420.8	1453.3	1487.5	1520.0
70°	1617.3	1599.3	1581.3	1559.6	1538.0	1516.4	1494.7	1525.4	1556.0	1586.7	1617.3
72.5°	*1675.0*	*1653.4*	*1631.8*	*1606.5*	*1583.1*	*1557.8*	*1532.6*	*1570.5*	*1610.1*	*1648.0*	*1685.8*
75°	1622.7	1604.7	1588.5	1570.5	1552.4	1534.4	1516.4	1568.7	1619.1	1671.4	1721.9
77.5°	1392.0	1390.1	1390.1	1393.8	1395.6	1399.2	1401.0	1474.9	1547.0	1620.9	1693.1
80°	928.6	966.4	1004.3	1036.8	1069.2	1101.7	1134.1	1218.9	1303.6	1386.5	1471.3
82.5°	272.3	304.7	335.4	409.3	483.2	555.3	629.3	723.0	818.6	912.3	1006.1
85°	86.5	92.0	97.4	122.6	147.8	173.1	198.3	236.2	274.1	311.9	349.8
87.5°	9.0	9.0	10.8	12.6	14.4	14.4	16.2	16.2	14.4	14.4	12.6
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	429.1	427.3	425.5	423.7	421.9	420.1	416.5	414.7	409.3	403.9	398.5
5°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6
7.5°	358.8	360.6	360.6	360.6	358.8	357.0	355.2	353.4	351.6	351.6	349.8
10°	306.5	306.5	304.7	304.7	313.7	324.5	333.6	342.6	346.2	349.8	351.6
12.5°	283.1	295.7	306.5	319.1	326.4	335.4	342.6	349.8	348.0	346.2	344.4
15°	241.6	247.0	254.2	259.6	270.5	281.3	290.3	301.1	313.7	328.2	340.8
17.5°	232.6	250.6	268.7	286.7	295.7	306.5	315.5	324.5	328.2	333.6	337.2
20°	268.7	268.7	270.5	270.5	270.5	268.7	268.7	266.9	288.5	311.9	333.6
22.5°	270.5	266.9	263.2	259.6	275.9	290.3	306.5	320.9	319.1	317.3	315.5
25°	268.7	284.9	299.3	313.7	308.3	304.7	299.3	293.9	313.7	331.8	351.6
27.5°	304.7	301.1	295.7	290.3	301.1	313.7	324.5	335.4	331.8	328.2	322.7
30°	302.9	310.1	319.1	326.4	324.5	324.5	322.7	320.9	340.8	358.8	378.6
32.5°	331.8	333.6	333.6	333.6	346.2	357.0	369.6	380.4	389.5	400.3	409.3
35°	357.0	360.6	362.4	366.0	382.2	398.5	412.9	429.1	447.2	465.2	483.2
37.5°	384.0	387.7	389.5	391.3	409.3	425.5	443.5	459.8	479.6	499.4	517.5
40°	416.5	421.9	425.5	429.1	445.4	461.6	477.8	494.0	515.7	537.3	557.1
42.5°	454.4	459.8	467.0	472.4	490.4	506.7	524.7	540.9	562.6	582.4	604.0
45°	497.6	504.9	510.3	517.5	540.9	562.6	586.0	607.6	627.5	645.5	665.3
47.5°	555.3	558.9	564.4	568.0	593.2	618.4	641.9	667.1	687.0	706.8	724.8
50°	620.2	620.2	622.1	622.1	654.5	685.2	717.6	748.3	766.3	786.1	804.2
52.5°	697.8	701.4	703.2	706.8	739.2	769.9	802.4	833.0	851.0	870.9	888.9
55°	796.9	798.7	798.7	800.6	833.0	865.5	897.9	930.4	948.4	966.4	984.5
57.5°	921.4	919.6	919.6	917.8	950.2	982.7	1013.3	1045.8	1063.8	1081.8	1099.9
60°	1054.8	1049.4	1042.2	1036.8	1072.8	1110.7	1146.7	1182.8	1199.0	1215.3	1231.5
62.5°	1211.6	1202.6	1191.8	1181.0	1218.9	1254.9	1292.8	1328.8	1341.5	1352.3	1364.9
65°	1364.9	1345.1	1323.4	1303.6	1346.9	1390.1	1433.4	1476.7	1485.7	1494.7	1501.9
67.5°	1496.5	1473.1	1449.6	1426.2	1476.7	1527.2	1575.9	1626.3	1630.0	1633.6	1637.2
70°	1593.9	1570.5	1547.0	1523.6	1584.9	1646.2	1707.5	1768.8	1770.6	1772.4	1774.2
72.5°	*1662.4*	*1639.0*	*1613.7*	*1590.3*	*1653.4*	*1714.7*	*1777.8*	*1839.1*	*1844.5*	*1848.1*	*1853.5*
75°	1687.7	1653.4	1619.1	1584.9	1640.8	1694.9	1750.8	1804.9	1799.4	1794.0	1786.8
77.5°	1631.8	1570.5	1509.2	1447.8	1474.9	1501.9	1527.2	1554.2	1525.4	1494.7	1465.9
80°	1382.9	1296.4	1208.0	1119.7	1101.7	1083.6	1063.8	1045.8	991.7	937.6	881.7
82.5°	917.8	831.2	742.9	654.5	598.6	544.5	488.6	432.7	384.0	335.4	284.9
85°	304.7	259.6	214.6	169.5	151.5	135.2	117.2	99.2	92.0	84.7	77.5
87.5°	14.4	16.2	16.2	18.0	16.2	16.2	14.4	12.6	10.8	10.8	9.0
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	393.1	393.1	394.9	394.9	394.9	394.9	393.1	394.9	394.9	394.9	394.9
5°	369.6	369.6	371.4	371.4	371.4	371.4	371.4	371.4	371.4	371.4	371.4
7.5°	348.0	342.6	335.4	330.0	322.7	320.9	317.3	320.9	322.7	330.0	335.4
10°	355.2	355.2	357.0	357.0	357.0	357.0	357.0	357.0	357.0	357.0	357.0
12.5°	342.6	335.4	326.4	319.1	310.1	311.9	313.7	311.9	310.1	319.1	326.4
15°	353.4	355.2	357.0	358.8	360.6	360.6	360.6	360.6	360.6	358.8	357.0
17.5°	340.8	333.6	324.5	317.3	308.3	308.3	306.5	308.3	308.3	317.3	324.5
20°	355.2	358.8	362.4	364.2	367.8	367.8	367.8	367.8	367.8	364.2	362.4
22.5°	313.7	313.7	313.7	311.9	311.9	311.9	311.9	311.9	311.9	311.9	313.7
25°	369.6	373.2	376.8	378.6	382.2	382.2	380.4	382.2	382.2	378.6	376.8
27.5°	319.1	320.9	324.5	326.4	328.2	328.2	328.2	328.2	328.2	326.4	324.5
30°	396.7	398.5	400.3	400.3	402.1	402.1	402.1	402.1	402.1	400.3	400.3
32.5°	418.3	434.5	452.6	468.8	485.0	486.8	488.6	486.8	485.0	468.8	452.6
35°	501.2	504.9	510.3	513.9	517.5	519.3	519.3	519.3	517.5	513.9	510.3
37.5°	537.3	540.9	542.7	546.3	548.1	549.9	549.9	549.9	548.1	546.3	542.7
40°	578.8	582.4	584.2	587.8	589.6	589.6	587.8	589.6	589.6	587.8	584.2
42.5°	623.9	625.7	629.3	631.1	632.9	634.7	634.7	634.7	632.9	631.1	629.3
45°	683.4	685.2	687.0	687.0	688.8	690.6	690.6	690.6	688.8	687.0	687.0
47.5°	744.7	748.3	750.1	753.7	755.5	757.3	759.1	757.3	755.5	753.7	750.1
50°	822.2	824.0	827.6	829.4	831.2	831.2	831.2	831.2	831.2	829.4	827.6
52.5°	906.9	908.7	908.7	910.5	910.5	910.5	908.7	910.5	910.5	910.5	908.7
55°	1002.5	1002.5	1002.5	1000.7	1000.7	1000.7	1000.7	1000.7	1000.7	1000.7	1002.5
57.5°	1117.9	1117.9	1117.9	1117.9	1117.9	1112.5	1105.3	1112.5	1117.9	1117.9	1117.9
60°	1247.7	1244.1	1238.7	1235.1	1229.7	1227.9	1226.1	1227.9	1229.7	1235.1	1238.7
62.5°	1375.7	1370.3	1363.1	1357.7	1350.5	1348.7	1345.1	1348.7	1350.5	1357.7	1363.1
65°	1511.0	1501.9	1492.9	1482.1	1473.1	1471.3	1467.7	1471.3	1473.1	1482.1	1492.9
67.5°	1640.8	1631.8	1622.7	1611.9	1602.9	1601.1	1597.5	1601.1	1602.9	1611.9	1622.7
70°	1776.0	1767.0	1758.0	1747.2	1738.1	1738.1	1736.3	1738.1	1738.1	1747.2	1758.0
72.5°	*1857.1*	*1848.1*	*1840.9*	*1831.9*	*1822.9*	*1817.5*	*1812.1*	*1817.5*	*1822.9*	*1831.9*	*1840.9*
75°	1781.4	1767.0	1752.6	1736.3	1721.9	1718.3	1714.7	1718.3	1721.9	1736.3	1752.6
77.5°	1435.2	1420.8	1404.6	1390.1	1373.9	1359.5	1343.3	1359.5	1373.9	1390.1	1404.6
80°	827.6	791.5	755.5	719.4	683.4	674.3	665.3	674.3	683.4	719.4	755.5
82.5°	236.2	218.2	198.3	180.3	160.5	160.5	160.5	160.5	160.5	180.3	198.3
85°	70.3	61.3	54.1	45.1	36.1	34.3	32.5	34.3	36.1	45.1	54.1
87.5°	7.2	7.2	7.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	7.2
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	393.1	393.1	398.5	403.9	409.3	414.7	416.5	420.1	421.9	423.7	425.5
5°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6
7.5°	342.6	348.0	349.8	351.6	351.6	353.4	355.2	357.0	358.8	360.6	360.6
10°	355.2	355.2	351.6	349.8	346.2	342.6	333.6	324.5	313.7	304.7	304.7
12.5°	335.4	342.6	344.4	346.2	348.0	349.8	342.6	335.4	326.4	319.1	306.5
15°	355.2	353.4	340.8	328.2	313.7	301.1	290.3	281.3	270.5	259.6	254.2
17.5°	333.6	340.8	337.2	333.6	328.2	324.5	315.5	306.5	295.7	286.7	268.7
20°	358.8	355.2	333.6	311.9	288.5	266.9	268.7	268.7	270.5	270.5	270.5
22.5°	313.7	313.7	315.5	317.3	319.1	320.9	306.5	290.3	275.9	259.6	263.2
25°	373.2	369.6	351.6	331.8	313.7	293.9	299.3	304.7	308.3	313.7	299.3
27.5°	320.9	319.1	322.7	328.2	331.8	335.4	324.5	313.7	301.1	290.3	295.7
30°	398.5	396.7	378.6	358.8	340.8	320.9	322.7	324.5	324.5	326.4	319.1
32.5°	434.5	418.3	409.3	400.3	389.5	380.4	369.6	357.0	346.2	333.6	333.6
35°	504.9	501.2	483.2	465.2	447.2	429.1	412.9	398.5	382.2	366.0	362.4
37.5°	540.9	537.3	517.5	499.4	479.6	459.8	443.5	425.5	409.3	391.3	389.5
40°	582.4	578.8	557.1	537.3	515.7	494.0	477.8	461.6	445.4	429.1	425.5
42.5°	625.7	623.9	604.0	582.4	562.6	540.9	524.7	506.7	490.4	472.4	467.0
45°	685.2	683.4	665.3	645.5	627.5	607.6	586.0	562.6	540.9	517.5	510.3
47.5°	748.3	744.7	724.8	706.8	687.0	667.1	641.9	618.4	593.2	568.0	564.4
50°	824.0	822.2	804.2	786.1	766.3	748.3	717.6	685.2	654.5	622.1	622.1
52.5°	908.7	906.9	888.9	870.9	851.0	833.0	802.4	769.9	739.2	706.8	703.2
55°	1002.5	1002.5	984.5	966.4	948.4	930.4	897.9	865.5	833.0	800.6	798.7
57.5°	1117.9	1117.9	1099.9	1081.8	1063.8	1045.8	1013.3	982.7	950.2	917.8	919.6
60°	1244.1	1247.7	1231.5	1215.3	1199.0	1182.8	1146.7	1110.7	1072.8	1036.8	1042.2
62.5°	1370.3	1375.7	1364.9	1352.3	1341.5	1328.8	1292.8	1254.9	1218.9	1181.0	1191.8
65°	1501.9	1511.0	1501.9	1494.7	1485.7	1476.7	1433.4	1390.1	1346.9	1303.6	1323.4
67.5°	1631.8	1640.8	1637.2	1633.6	1630.0	1626.3	1575.9	1527.2	1476.7	1426.2	1449.6
70°	1767.0	1776.0	1774.2	1772.4	1770.6	1768.8	1707.5	1646.2	1584.9	1523.6	1547.0
72.5°	*1848.1*	*1857.1*	*1853.5*	*1848.1*	*1844.5*	*1839.1*	*1777.8*	*1714.7*	*1653.4*	*1590.3*	*1613.7*
75°	1767.0	1781.4	1786.8	1794.0	1799.4	1804.9	1750.8	1694.9	1640.8	1584.9	1619.1
77.5°	1420.8	1435.2	1465.9	1494.7	1525.4	1554.2	1527.2	1501.9	1474.9	1447.8	1509.2
80°	791.5	827.6	881.7	937.6	991.7	1045.8	1063.8	1083.6	1101.7	1119.7	1208.0
82.5°	218.2	236.2	284.9	335.4	384.0	432.7	488.6	544.5	598.6	654.5	742.9
85°	61.3	70.3	77.5	84.7	92.0	99.2	117.2	135.2	151.5	169.5	214.6
87.5°	7.2	7.2	9.0	10.8	10.8	12.6	14.4	16.2	16.2	18.0	16.2
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	427.3	429.1	430.9	432.7	432.7	434.5	434.5	436.3	436.3	438.1	438.1
5°	369.6	369.6	369.6	371.4	373.2	375.0	376.8	385.9	393.1	402.1	409.3
7.5°	360.6	358.8	358.8	357.0	357.0	355.2	353.4	349.8	344.4	340.8	335.4
10°	306.5	306.5	306.5	301.1	297.5	292.1	286.7	284.9	281.3	279.5	275.9
12.5°	295.7	283.1	270.5	266.9	263.2	259.6	256.0	257.8	259.6	261.4	263.2
15°	247.0	241.6	234.4	232.6	230.8	227.2	225.4	225.4	227.2	227.2	227.2
17.5°	250.6	232.6	214.6	223.6	234.4	243.4	252.4	248.8	245.2	239.8	236.2
20°	268.7	268.7	266.9	261.4	254.2	248.8	241.6	236.2	232.6	227.2	221.8
22.5°	266.9	270.5	274.1	265.0	256.0	245.2	236.2	247.0	256.0	266.9	275.9
25°	284.9	268.7	254.2	261.4	268.7	275.9	283.1	274.1	265.0	256.0	247.0
27.5°	301.1	304.7	310.1	301.1	292.1	283.1	274.1	281.3	288.5	293.9	301.1
30°	310.1	302.9	293.9	297.5	302.9	306.5	310.1	319.1	328.2	335.4	344.4
32.5°	333.6	331.8	331.8	331.8	333.6	333.6	333.6	351.6	367.8	385.9	402.1
35°	360.6	357.0	353.4	357.0	360.6	364.2	367.8	382.2	394.9	409.3	421.9
37.5°	387.7	384.0	382.2	382.2	382.2	382.2	382.2	398.5	414.7	429.1	445.4
40°	421.9	416.5	412.9	411.1	409.3	405.7	403.9	423.7	443.5	463.4	483.2
42.5°	459.8	454.4	447.2	445.4	443.5	439.9	438.1	459.8	481.4	501.2	522.9
45°	504.9	497.6	490.4	488.6	485.0	483.2	479.6	501.2	522.9	544.5	566.2
47.5°	558.9	555.3	549.9	546.3	540.9	537.3	531.9	553.5	577.0	598.6	620.2
50°	620.2	620.2	618.4	611.2	604.0	596.8	589.6	611.2	632.9	654.5	676.1
52.5°	701.4	697.8	694.2	687.0	679.7	670.7	663.5	685.2	705.0	726.6	746.5
55°	798.7	796.9	795.1	784.3	773.5	762.7	751.9	771.7	793.3	813.2	833.0
57.5°	919.6	921.4	921.4	906.9	892.5	876.3	861.9	883.5	905.1	925.0	946.6
60°	1049.4	1054.8	1060.2	1042.2	1024.1	1004.3	986.3	1006.1	1024.1	1044.0	1062.0
62.5°	1202.6	1211.6	1222.5	1195.4	1168.4	1141.3	1114.3	1135.9	1157.6	1177.4	1199.0
65°	1345.1	1364.9	1384.7	1352.3	1319.8	1287.4	1254.9	1276.6	1300.0	1321.6	1343.3
67.5°	1473.1	1496.5	1520.0	1487.5	1453.3	1420.8	1386.5	1411.8	1437.0	1460.5	1485.7
70°	1570.5	1593.9	1617.3	1586.7	1556.0	1525.4	1494.7	1516.4	1538.0	1559.6	1581.3
72.5°	*1639.0*	*1662.4*	*1685.8*	*1648.0*	*1610.1*	*1570.5*	*1532.6*	*1557.8*	*1583.1*	*1606.5*	*1631.8*
75°	1653.4	1687.7	1721.9	1671.4	1619.1	1568.7	1516.4	1534.4	1552.4	1570.5	1588.5
77.5°	1570.5	1631.8	1693.1	1620.9	1547.0	1474.9	1401.0	1399.2	1395.6	1393.8	1390.1
80°	1296.4	1382.9	1471.3	1386.5	1303.6	1218.9	1134.1	1101.7	1069.2	1036.8	1004.3
82.5°	831.2	917.8	1006.1	912.3	818.6	723.0	629.3	555.3	483.2	409.3	335.4
85°	259.6	304.7	349.8	311.9	274.1	236.2	198.3	173.1	147.8	122.6	97.4
87.5°	16.2	14.4	12.6	14.4	14.4	16.2	16.2	14.4	14.4	12.6	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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	438.1	438.1	436.3	436.3	436.3	438.1	438.1	438.1	438.1	438.1	438.1
5°	412.9	418.3	421.9	425.5	427.3	427.3	429.1	429.1	429.1	429.1	429.1
7.5°	342.6	351.6	358.8	366.0	367.8	369.6	369.6	371.4	371.4	369.6	371.4
10°	277.7	281.3	283.1	284.9	293.9	304.7	313.7	322.7	322.7	322.7	322.7
12.5°	257.8	252.4	245.2	239.8	248.8	257.8	266.9	275.9	275.9	275.9	275.9
15°	234.4	241.6	248.8	256.0	268.7	283.1	295.7	308.3	308.3	308.3	308.3
17.5°	238.0	238.0	239.8	239.8	247.0	252.4	259.6	265.0	266.9	266.9	266.9
20°	230.8	239.8	248.8	257.8	272.3	286.7	299.3	313.7	315.5	317.3	315.5
22.5°	270.5	265.0	257.8	252.4	252.4	252.4	250.6	250.6	252.4	252.4	252.4
25°	263.2	277.7	293.9	308.3	319.1	328.2	339.0	348.0	348.0	346.2	348.0
27.5°	310.1	319.1	328.2	337.2	353.4	367.8	384.0	398.5	402.1	403.9	402.1
30°	367.8	389.5	412.9	434.5	445.4	456.2	467.0	477.8	477.8	477.8	477.8
32.5°	414.7	427.3	439.9	452.6	463.4	476.0	486.8	497.6	497.6	497.6	497.6
35°	436.3	450.8	463.4	477.8	488.6	499.4	508.5	519.3	521.1	521.1	521.1
37.5°	463.4	479.6	497.6	513.9	522.9	530.1	539.1	546.3	548.1	549.9	548.1
40°	501.2	519.3	537.3	555.3	562.6	569.8	575.2	582.4	582.4	582.4	582.4
42.5°	542.7	560.7	580.6	598.6	605.8	613.0	620.2	627.5	629.3	631.1	629.3
45°	587.8	609.4	631.1	652.7	661.7	670.7	677.9	687.0	688.8	690.6	688.8
47.5°	647.3	672.5	699.6	724.8	732.0	739.2	746.5	753.7	753.7	753.7	753.7
50°	710.4	742.9	777.1	809.6	813.2	818.6	822.2	825.8	827.6	827.6	827.6
52.5°	784.3	822.2	858.3	896.1	897.9	901.5	903.3	905.1	905.1	903.3	905.1
55°	874.5	914.1	955.6	995.3	995.3	997.1	997.1	997.1	995.3	991.7	995.3
57.5°	986.3	1025.9	1063.8	1103.5	1101.7	1099.9	1098.1	1096.3	1096.3	1094.4	1096.3
60°	1099.9	1139.5	1177.4	1215.3	1211.6	1206.2	1202.6	1197.2	1195.4	1191.8	1195.4
62.5°	1229.7	1262.1	1292.8	1323.4	1316.2	1309.0	1301.8	1294.6	1294.6	1294.6	1294.6
65°	1366.7	1392.0	1415.4	1438.8	1431.6	1426.2	1419.0	1411.8	1408.2	1404.6	1408.2
67.5°	1503.7	1521.8	1538.0	1556.0	1547.0	1538.0	1529.0	1520.0	1516.4	1511.0	1516.4
70°	1599.3	1617.3	1635.4	1653.4	1644.4	1635.4	1624.5	1615.5	1613.7	1611.9	1613.7
72.5°	*1653.4*	*1675.0*	*1696.7*	*1718.3*	*1712.9*	*1705.7*	*1700.3*	*1693.1*	*1691.3*	*1687.7*	*1691.3*
75°	1604.7	1622.7	1639.0	1655.2	1646.2	1637.2	1628.2	1619.1	1613.7	1606.5	1613.7
77.5°	1390.1	1392.0	1392.0	1392.0	1381.1	1370.3	1359.5	1348.7	1345.1	1339.7	1345.1
80°	966.4	928.6	890.7	852.8	816.8	780.7	744.7	708.6	699.6	688.8	699.6
82.5°	304.7	272.3	241.6	209.2	194.7	178.5	164.1	147.8	142.4	135.2	142.4
85°	92.0	86.5	79.3	73.9	68.5	63.1	55.9	50.5	46.9	43.3	46.9
87.5°	9.0	9.0	7.2	5.4	5.4	5.4	5.4	5.4	5.4	3.6	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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	438.1	438.1	438.1	436.3	436.3	436.3	438.1	438.1	438.1	438.1	436.3
5°	429.1	429.1	427.3	427.3	425.5	421.9	418.3	412.9	409.3	402.1	393.1
7.5°	371.4	369.6	369.6	367.8	366.0	358.8	351.6	342.6	335.4	340.8	344.4
10°	322.7	313.7	304.7	293.9	284.9	283.1	281.3	277.7	275.9	279.5	281.3
12.5°	275.9	266.9	257.8	248.8	239.8	245.2	252.4	257.8	263.2	261.4	259.6
15°	308.3	295.7	283.1	268.7	256.0	248.8	241.6	234.4	227.2	227.2	227.2
17.5°	265.0	259.6	252.4	247.0	239.8	239.8	238.0	238.0	236.2	239.8	245.2
20°	313.7	299.3	286.7	272.3	257.8	248.8	239.8	230.8	221.8	227.2	232.6
22.5°	250.6	250.6	252.4	252.4	252.4	257.8	265.0	270.5	275.9	266.9	256.0
25°	348.0	339.0	328.2	319.1	308.3	293.9	277.7	263.2	247.0	256.0	265.0
27.5°	398.5	384.0	367.8	353.4	337.2	328.2	319.1	310.1	301.1	293.9	288.5
30°	477.8	467.0	456.2	445.4	434.5	412.9	389.5	367.8	344.4	335.4	328.2
32.5°	497.6	486.8	476.0	463.4	452.6	439.9	427.3	414.7	402.1	385.9	367.8
35°	519.3	508.5	499.4	488.6	477.8	463.4	450.8	436.3	421.9	409.3	394.9
37.5°	546.3	539.1	530.1	522.9	513.9	497.6	479.6	463.4	445.4	429.1	414.7
40°	582.4	575.2	569.8	562.6	555.3	537.3	519.3	501.2	483.2	463.4	443.5
42.5°	627.5	620.2	613.0	605.8	598.6	580.6	560.7	542.7	522.9	501.2	481.4
45°	687.0	677.9	670.7	661.7	652.7	631.1	609.4	587.8	566.2	544.5	522.9
47.5°	753.7	746.5	739.2	732.0	724.8	699.6	672.5	647.3	620.2	598.6	577.0
50°	825.8	822.2	818.6	813.2	809.6	777.1	742.9	710.4	676.1	654.5	632.9
52.5°	905.1	903.3	901.5	897.9	896.1	858.3	822.2	784.3	746.5	726.6	705.0
55°	997.1	997.1	997.1	995.3	995.3	955.6	914.1	874.5	833.0	813.2	793.3
57.5°	1096.3	1098.1	1099.9	1101.7	1103.5	1063.8	1025.9	986.3	946.6	925.0	905.1
60°	1197.2	1202.6	1206.2	1211.6	1215.3	1177.4	1139.5	1099.9	1062.0	1044.0	1024.1
62.5°	1294.6	1301.8	1309.0	1316.2	1323.4	1292.8	1262.1	1229.7	1199.0	1177.4	1157.6
65°	1411.8	1419.0	1426.2	1431.6	1438.8	1415.4	1392.0	1366.7	1343.3	1321.6	1300.0
67.5°	1520.0	1529.0	1538.0	1547.0	1556.0	1538.0	1521.8	1503.7	1485.7	1460.5	1437.0
70°	1615.5	1624.5	1635.4	1644.4	1653.4	1635.4	1617.3	1599.3	1581.3	1559.6	1538.0
72.5°	*1693.1*	*1700.3*	*1705.7*	*1712.9*	*1718.3*	*1696.7*	*1675.0*	*1653.4*	*1631.8*	*1606.5*	*1583.1*
75°	1619.1	1628.2	1637.2	1646.2	1655.2	1639.0	1622.7	1604.7	1588.5	1570.5	1552.4
77.5°	1348.7	1359.5	1370.3	1381.1	1392.0	1392.0	1392.0	1390.1	1390.1	1393.8	1395.6
80°	708.6	744.7	780.7	816.8	852.8	890.7	928.6	966.4	1004.3	1036.8	1069.2
82.5°	147.8	164.1	178.5	194.7	209.2	241.6	272.3	304.7	335.4	409.3	483.2
85°	50.5	55.9	63.1	68.5	73.9	79.3	86.5	92.0	97.4	122.6	147.8
87.5°	5.4	5.4	5.4	5.4	5.4	7.2	9.0	9.0	10.8	12.6	14.4
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	436.3	434.5	434.5	432.7	432.7	430.9	429.1	427.3	425.5	423.7	421.9
5°	385.9	376.8	375.0	373.2	371.4	369.6	369.6	369.6	369.6	369.6	369.6
7.5°	349.8	353.4	355.2	357.0	357.0	358.8	358.8	360.6	360.6	360.6	358.8
10°	284.9	286.7	292.1	297.5	301.1	306.5	306.5	306.5	304.7	304.7	313.7
12.5°	257.8	256.0	259.6	263.2	266.9	270.5	283.1	295.7	306.5	319.1	326.4
15°	225.4	225.4	227.2	230.8	232.6	234.4	241.6	247.0	254.2	259.6	270.5
17.5°	248.8	252.4	243.4	234.4	223.6	214.6	232.6	250.6	268.7	286.7	295.7
20°	236.2	241.6	248.8	254.2	261.4	266.9	268.7	268.7	270.5	270.5	270.5
22.5°	247.0	236.2	245.2	256.0	265.0	274.1	270.5	266.9	263.2	259.6	275.9
25°	274.1	283.1	275.9	268.7	261.4	254.2	268.7	284.9	299.3	313.7	308.3
27.5°	281.3	274.1	283.1	292.1	301.1	310.1	304.7	301.1	295.7	290.3	301.1
30°	319.1	310.1	306.5	302.9	297.5	293.9	302.9	310.1	319.1	326.4	324.5
32.5°	351.6	333.6	333.6	333.6	331.8	331.8	331.8	333.6	333.6	333.6	346.2
35°	382.2	367.8	364.2	360.6	357.0	353.4	357.0	360.6	362.4	366.0	382.2
37.5°	398.5	382.2	382.2	382.2	382.2	382.2	384.0	387.7	389.5	391.3	409.3
40°	423.7	403.9	405.7	409.3	411.1	412.9	416.5	421.9	425.5	429.1	445.4
42.5°	459.8	438.1	439.9	443.5	445.4	447.2	454.4	459.8	467.0	472.4	490.4
45°	501.2	479.6	483.2	485.0	488.6	490.4	497.6	504.9	510.3	517.5	540.9
47.5°	553.5	531.9	537.3	540.9	546.3	549.9	555.3	558.9	564.4	568.0	593.2
50°	611.2	589.6	596.8	604.0	611.2	618.4	620.2	620.2	622.1	622.1	654.5
52.5°	685.2	663.5	670.7	679.7	687.0	694.2	697.8	701.4	703.2	706.8	739.2
55°	771.7	751.9	762.7	773.5	784.3	795.1	796.9	798.7	798.7	800.6	833.0
57.5°	883.5	861.9	876.3	892.5	906.9	921.4	921.4	919.6	919.6	917.8	950.2
60°	1006.1	986.3	1004.3	1024.1	1042.2	1060.2	1054.8	1049.4	1042.2	1036.8	1072.8
62.5°	1135.9	1114.3	1141.3	1168.4	1195.4	1222.5	1211.6	1202.6	1191.8	1181.0	1218.9
65°	1276.6	1254.9	1287.4	1319.8	1352.3	1384.7	1364.9	1345.1	1323.4	1303.6	1346.9
67.5°	1411.8	1386.5	1420.8	1453.3	1487.5	1520.0	1496.5	1473.1	1449.6	1426.2	1476.7
70°	1516.4	1494.7	1525.4	1556.0	1586.7	1617.3	1593.9	1570.5	1547.0	1523.6	1584.9
72.5°	*1557.8*	*1532.6*	*1570.5*	*1610.1*	*1648.0*	*1685.8*	*1662.4*	*1639.0*	*1613.7*	*1590.3*	*1653.4*
75°	1534.4	1516.4	1568.7	1619.1	1671.4	1721.9	1687.7	1653.4	1619.1	1584.9	1640.8
77.5°	1399.2	1401.0	1474.9	1547.0	1620.9	1693.1	1631.8	1570.5	1509.2	1447.8	1474.9
80°	1101.7	1134.1	1218.9	1303.6	1386.5	1471.3	1382.9	1296.4	1208.0	1119.7	1101.7
82.5°	555.3	629.3	723.0	818.6	912.3	1006.1	917.8	831.2	742.9	654.5	598.6
85°	173.1	198.3	236.2	274.1	311.9	349.8	304.7	259.6	214.6	169.5	151.5
87.5°	14.4	16.2	16.2	14.4	14.4	12.6	14.4	16.2	16.2	18.0	16.2
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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5	443.5
2.5°	420.1	416.5	414.7	409.3	403.9	398.5	393.1	393.1	394.9	394.9	394.9
5°	369.6	369.6	369.6	369.6	369.6	369.6	369.6	369.6	371.4	371.4	371.4
7.5°	357.0	355.2	353.4	351.6	351.6	349.8	348.0	342.6	335.4	330.0	322.7
10°	324.5	333.6	342.6	346.2	349.8	351.6	355.2	355.2	357.0	357.0	357.0
12.5°	335.4	342.6	349.8	348.0	346.2	344.4	342.6	335.4	326.4	319.1	310.1
15°	281.3	290.3	301.1	313.7	328.2	340.8	353.4	355.2	357.0	358.8	360.6
17.5°	306.5	315.5	324.5	328.2	333.6	337.2	340.8	333.6	324.5	317.3	308.3
20°	268.7	268.7	266.9	288.5	311.9	333.6	355.2	358.8	362.4	364.2	367.8
22.5°	290.3	306.5	320.9	319.1	317.3	315.5	313.7	313.7	313.7	311.9	311.9
25°	304.7	299.3	293.9	313.7	331.8	351.6	369.6	373.2	376.8	378.6	382.2
27.5°	313.7	324.5	335.4	331.8	328.2	322.7	319.1	320.9	324.5	326.4	328.2
30°	324.5	322.7	320.9	340.8	358.8	378.6	396.7	398.5	400.3	400.3	402.1
32.5°	357.0	369.6	380.4	389.5	400.3	409.3	418.3	434.5	452.6	468.8	485.0
35°	398.5	412.9	429.1	447.2	465.2	483.2	501.2	504.9	510.3	513.9	517.5
37.5°	425.5	443.5	459.8	479.6	499.4	517.5	537.3	540.9	542.7	546.3	548.1
40°	461.6	477.8	494.0	515.7	537.3	557.1	578.8	582.4	584.2	587.8	589.6
42.5°	506.7	524.7	540.9	562.6	582.4	604.0	623.9	625.7	629.3	631.1	632.9
45°	562.6	586.0	607.6	627.5	645.5	665.3	683.4	685.2	687.0	687.0	688.8
47.5°	618.4	641.9	667.1	687.0	706.8	724.8	744.7	748.3	750.1	753.7	755.5
50°	685.2	717.6	748.3	766.3	786.1	804.2	822.2	824.0	827.6	829.4	831.2
52.5°	769.9	802.4	833.0	851.0	870.9	888.9	906.9	908.7	908.7	910.5	910.5
55°	865.5	897.9	930.4	948.4	966.4	984.5	1002.5	1002.5	1002.5	1000.7	1000.7
57.5°	982.7	1013.3	1045.8	1063.8	1081.8	1099.9	1117.9	1117.9	1117.9	1117.9	1117.9
60°	1110.7	1146.7	1182.8	1199.0	1215.3	1231.5	1247.7	1244.1	1238.7	1235.1	1229.7
62.5°	1254.9	1292.8	1328.8	1341.5	1352.3	1364.9	1375.7	1370.3	1363.1	1357.7	1350.5
65°	1390.1	1433.4	1476.7	1485.7	1494.7	1501.9	1511.0	1501.9	1492.9	1482.1	1473.1
67.5°	1527.2	1575.9	1626.3	1630.0	1633.6	1637.2	1640.8	1631.8	1622.7	1611.9	1602.9
70°	1646.2	1707.5	1768.8	1770.6	1772.4	1774.2	1776.0	1767.0	1758.0	1747.2	1738.1
72.5°	*1714.7*	*1777.8*	*1839.1*	*1844.5*	*1848.1*	*1853.5*	*1857.1*	*1848.1*	*1840.9*	*1831.9*	*1822.9*
75°	1694.9	1750.8	1804.9	1799.4	1794.0	1786.8	1781.4	1767.0	1752.6	1736.3	1721.9
77.5°	1501.9	1527.2	1554.2	1525.4	1494.7	1465.9	1435.2	1420.8	1404.6	1390.1	1373.9
80°	1083.6	1063.8	1045.8	991.7	937.6	881.7	827.6	791.5	755.5	719.4	683.4
82.5°	544.5	488.6	432.7	384.0	335.4	284.9	236.2	218.2	198.3	180.3	160.5
85°	135.2	117.2	99.2	92.0	84.7	77.5	70.3	61.3	54.1	45.1	36.1
87.5°	16.2	14.4	12.6	10.8	10.8	9.0	7.2	7.2	7.2	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: P560397
CATALOG NUMBER: SDL-PA1-40-750-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	443.5	443.5
2.5°	394.9	393.1
5°	371.4	371.4
7.5°	320.9	317.3
10°	357.0	357.0
12.5°	311.9	313.7
15°	360.6	360.6
17.5°	308.3	306.5
20°	367.8	367.8
22.5°	311.9	311.9
25°	382.2	380.4
27.5°	328.2	328.2
30°	402.1	402.1
32.5°	486.8	488.6
35°	519.3	519.3
37.5°	549.9	549.9
40°	589.6	587.8
42.5°	634.7	634.7
45°	690.6	690.6
47.5°	757.3	759.1
50°	831.2	831.2
52.5°	910.5	908.7
55°	1000.7	1000.7
57.5°	1112.5	1105.3
60°	1227.9	1226.1
62.5°	1348.7	1345.1
65°	1471.3	1467.7
67.5°	1601.1	1597.5
70°	1738.1	1736.3
72.5°	*1817.5*	*1812.1*
75°	1718.3	1714.7
77.5°	1359.5	1343.3
80°	674.3	665.3
82.5°	160.5	160.5
85°	34.3	32.5
87.5°	5.4	5.4
90°	0.0	0.0

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