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: P560529

Luminaire Tested: **SDL-PA1-50-730-U-5WQ**

Issue Date: 7/26/2021

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P560529
	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-PA1-50-730-U-5WQ
Description:	Springdale
	(1) 70 CRI, 3000K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6053.5 lumens
Efficiency:	N/A
Efficacy:	115.5 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):	52.4
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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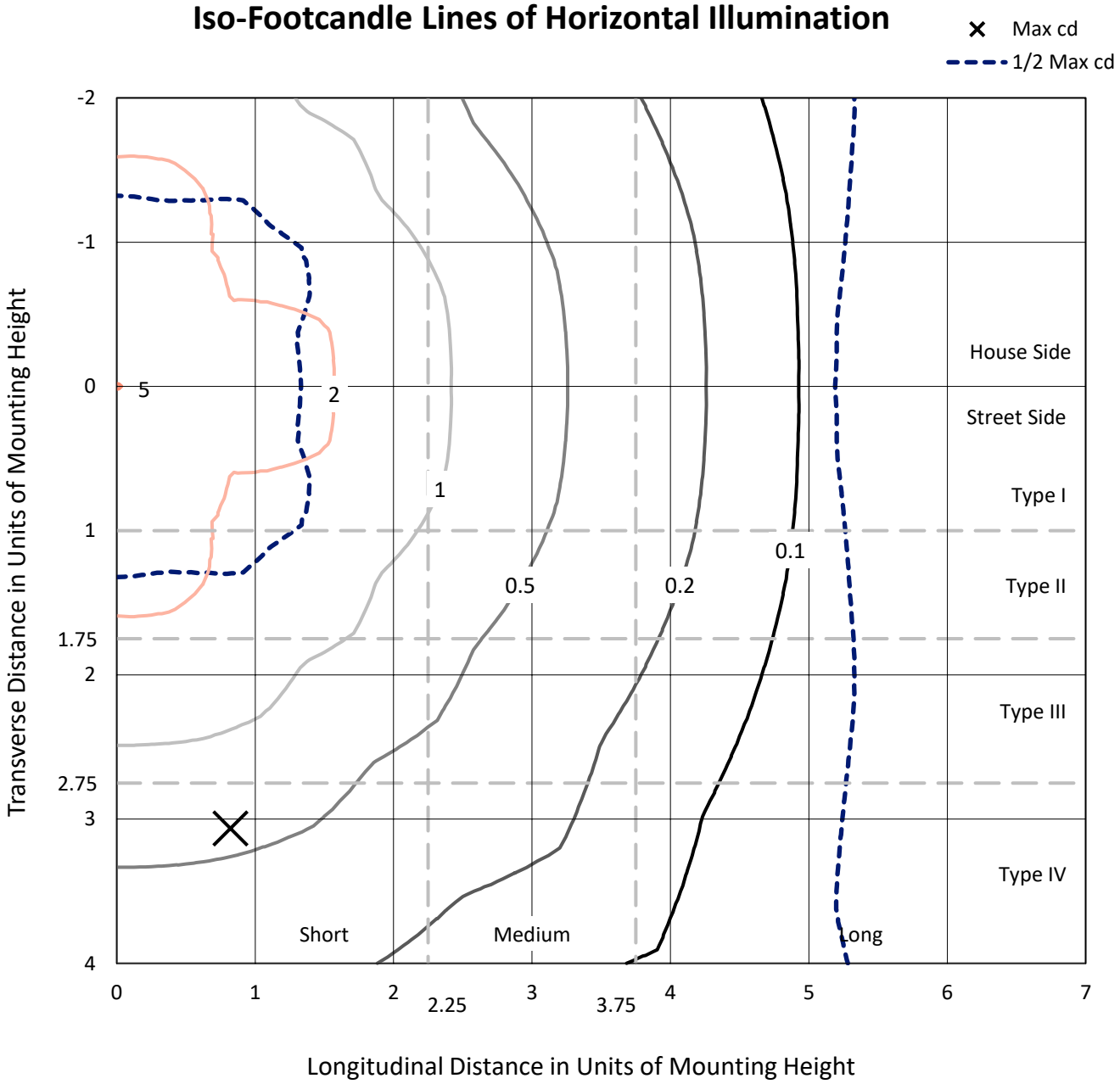
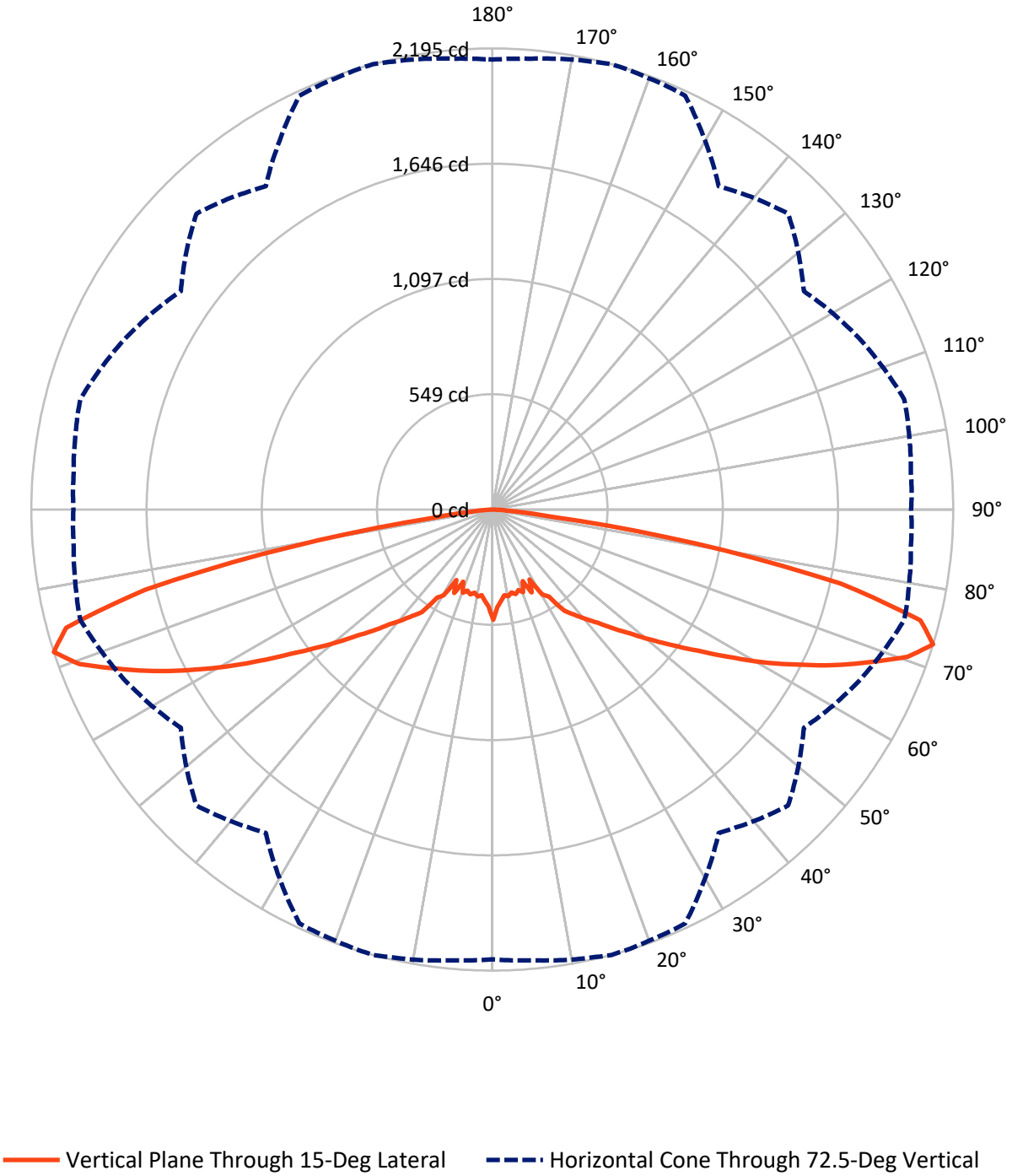
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
Type V - Short - N/A

REPORT NUMBER: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

Luminous Intensity Polar Plot



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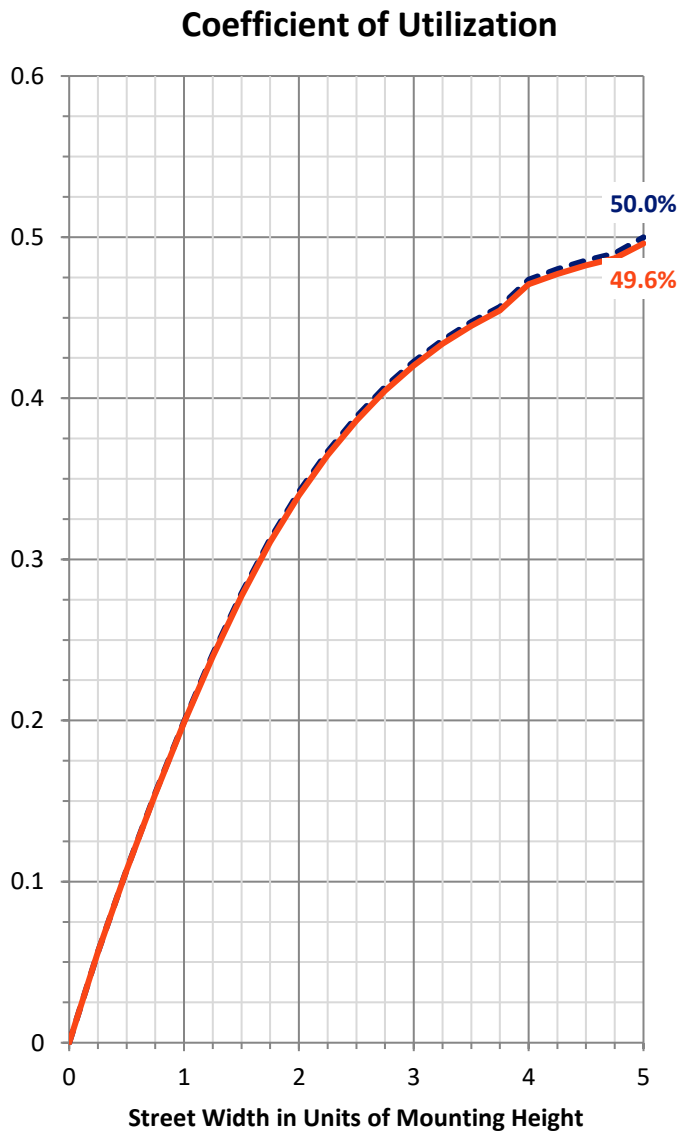
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3026.8	0.0	3026.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3026.8	0.0	3026.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6053.5	0.0	6053.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	0.7
10°-20°	95.6	1.6
20°-30°	170.5	2.8
30°-40°	326.2	5.4
40°-50°	555.5	9.2
50°-60°	972.4	16.1
60°-70°	1640.8	27.1
70°-80°	1913.9	31.6
80°-90°	337.6	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°	6053.5	100.0
0°-180°	6053.5	100.0



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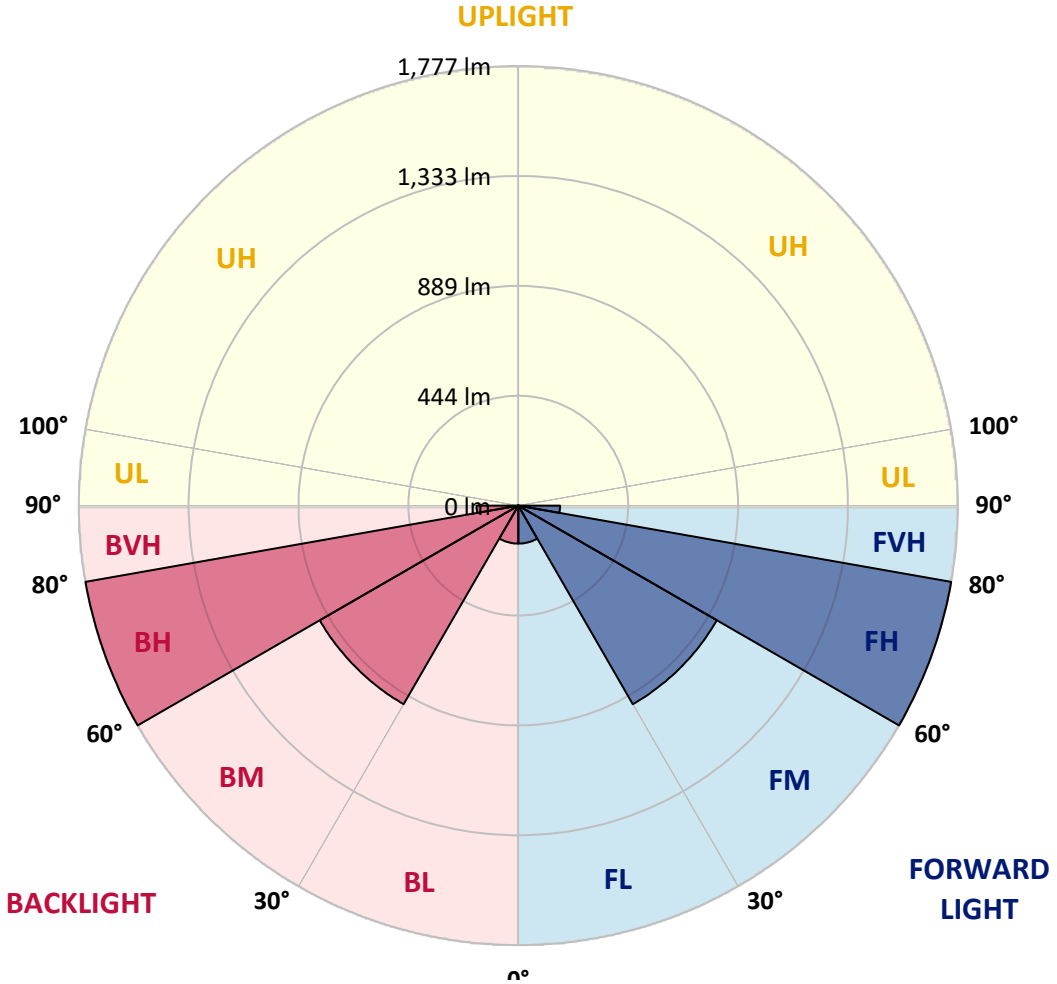
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	153.6	2.5			
FM	(30°-60°)	927.0	15.3			
FH	(60°-80°)	1777.3	29.4			G1/1800
FVH	(80°-90°)	168.8	2.8			G2/225
BL	(0°-30°)	153.6	2.5	B1/500		
BM	(30°-60°)	927.0	15.3	B1/1000		
BH	(60°-80°)	1777.3	29.4	B3/2500		G1/1800
BVH	(80°-90°)	168.8	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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	524.1	524.1	524.1	524.1	524.1	524.1	*524.1*	524.1	524.1	524.1	524.1
2.5°	464.5	466.6	466.6	466.6	466.6	464.5	*464.5*	470.9	477.2	483.6	490.0
5°	438.9	438.9	438.9	438.9	438.9	436.8	*436.8*	436.8	436.8	436.8	436.8
7.5°	375.0	379.2	381.4	389.9	396.3	404.8	*411.2*	413.3	415.5	415.5	417.6
10°	421.8	421.8	421.8	421.8	421.8	419.7	*419.7*	415.5	413.3	409.1	404.8
12.5°	370.7	368.6	366.5	377.1	385.6	396.3	*404.8*	406.9	409.1	411.2	413.3
15°	426.1	426.1	426.1	424.0	421.8	419.7	*417.6*	402.7	387.8	370.7	355.8
17.5°	362.2	364.3	364.3	375.0	383.5	394.2	*402.7*	398.4	394.2	387.8	383.5
20°	434.6	434.6	434.6	430.4	428.2	424.0	*419.7*	394.2	368.6	340.9	315.3
22.5°	368.6	368.6	368.6	368.6	370.7	370.7	*370.7*	372.8	375.0	377.1	379.2
25°	449.5	451.7	451.7	447.4	445.3	441.0	*436.8*	415.5	392.0	370.7	347.3
27.5°	387.8	387.8	387.8	385.6	383.5	379.2	*377.1*	381.4	387.8	392.0	396.3
30°	475.1	475.1	475.1	473.0	473.0	470.9	*468.7*	447.4	424.0	402.7	379.2
32.5°	577.4	575.2	573.1	553.9	534.8	513.5	*494.3*	483.6	473.0	460.2	449.5
35°	613.6	613.6	611.5	607.2	602.9	596.6	*592.3*	571.0	549.7	528.4	507.1
37.5°	649.8	649.8	647.7	645.6	641.3	639.2	*634.9*	611.5	590.2	566.7	543.3
40°	694.6	696.7	696.7	694.6	690.3	688.2	*683.9*	658.3	634.9	609.3	583.8
42.5°	750.0	750.0	747.8	745.7	743.6	739.3	*737.2*	713.7	688.2	664.7	639.2
45°	816.0	816.0	813.9	811.7	811.7	809.6	*807.5*	786.2	762.7	741.4	718.0
47.5°	897.0	894.8	892.7	890.6	886.3	884.2	*879.9*	856.5	835.2	811.7	788.3
50°	982.2	982.2	982.2	980.1	977.9	973.7	*971.5*	950.2	928.9	905.5	884.2
52.5°	1073.8	1075.9	1075.9	1075.9	1073.8	1073.8	*1071.7*	1050.4	1029.1	1005.6	984.3
55°	1182.5	1182.5	1182.5	1182.5	1184.6	1184.6	*1184.6*	1163.3	1142.0	1120.7	1099.4
57.5°	1306.0	1314.5	1320.9	1320.9	1320.9	1320.9	*1320.9*	1299.6	1278.3	1257.0	1235.7
60°	1448.8	1450.9	1453.0	1459.4	1463.7	1470.1	*1474.3*	1455.2	1436.0	1416.8	1397.6
62.5°	1589.4	1593.6	1595.8	1604.3	1610.7	1619.2	*1625.6*	1612.8	1597.9	1585.1	1570.2
65°	1734.3	1738.5	1740.7	1751.3	1764.1	1774.7	*1785.4*	1774.7	1766.2	1755.6	1744.9
67.5°	1887.7	1891.9	1894.1	1904.7	1917.5	1928.1	*1938.8*	1934.5	1930.3	1926.0	1921.8
70°	2051.7	2053.8	2053.8	2064.5	2077.3	2087.9	*2098.6*	2096.5	2094.3	2092.2	2090.1
72.5°	*2141.2*	*2147.6*	*2154.0*	*2164.6*	*2175.3*	*2183.8*	*2194.5*	*2190.2*	*2183.8*	*2179.5*	*2173.2*
75°	2026.1	2030.4	2034.7	2051.7	2070.9	2087.9	*2105.0*	2111.4	2119.9	2126.3	2132.7
77.5°	1587.3	1606.4	1623.5	1642.6	1659.7	1678.9	*1695.9*	1732.1	1766.2	1802.4	1836.5
80°	786.2	796.8	807.5	850.1	892.7	935.3	*977.9*	1041.8	1107.9	1171.8	1235.7
82.5°	189.6	189.6	189.6	213.1	234.4	257.8	*279.1*	336.6	396.3	453.8	511.3
85°	38.3	40.5	42.6	53.3	63.9	72.4	*83.1*	91.6	100.1	108.7	117.2
87.5°	6.4	6.4	6.4	6.4	8.5	8.5	*8.5*	10.7	12.8	12.8	14.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0

REPORT NUMBER: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	492.2	496.4	498.5	500.7	502.8	504.9	507.1	509.2	511.3	511.3	513.5
5°	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	438.9	441.0	443.2
7.5°	419.7	421.8	424.0	426.1	426.1	426.1	424.0	424.0	421.8	421.8	419.7
10°	394.2	383.5	370.7	360.1	360.1	362.2	362.2	362.2	355.8	351.5	345.1
12.5°	404.8	396.3	385.6	377.1	362.2	349.4	334.5	319.6	315.3	311.1	306.8
15°	343.0	332.4	319.6	306.8	300.4	291.9	285.5	277.0	274.8	272.7	268.4
17.5°	372.8	362.2	349.4	338.8	317.5	296.1	274.8	253.5	264.2	277.0	287.6
20°	317.5	317.5	319.6	319.6	319.6	317.5	317.5	315.3	308.9	300.4	294.0
22.5°	362.2	343.0	326.0	306.8	311.1	315.3	319.6	323.8	313.2	302.5	289.8
25°	353.7	360.1	364.3	370.7	353.7	336.6	317.5	300.4	308.9	317.5	326.0
27.5°	383.5	370.7	355.8	343.0	349.4	355.8	360.1	366.5	355.8	345.1	334.5
30°	381.4	383.5	383.5	385.6	377.1	366.5	357.9	347.3	351.5	357.9	362.2
32.5°	436.8	421.8	409.1	394.2	394.2	394.2	392.0	392.0	392.0	394.2	394.2
35°	487.9	470.9	451.7	432.5	428.2	426.1	421.8	417.6	421.8	426.1	430.4
37.5°	524.1	502.8	483.6	462.3	460.2	458.1	453.8	451.7	451.7	451.7	451.7
40°	564.6	545.4	526.2	507.1	502.8	498.5	492.2	487.9	485.8	483.6	479.4
42.5°	620.0	598.7	579.5	558.2	551.8	543.3	536.9	528.4	526.2	524.1	519.9
45°	692.4	664.7	639.2	611.5	602.9	596.6	588.0	579.5	577.4	573.1	571.0
47.5°	758.5	730.8	700.9	671.1	666.9	660.5	656.2	649.8	645.6	639.2	634.9
50°	848.0	809.6	773.4	735.0	735.0	732.9	732.9	730.8	722.3	713.7	705.2
52.5°	948.1	909.7	873.5	835.2	830.9	828.8	824.5	820.3	811.7	803.2	792.6
55°	1061.0	1022.7	984.3	946.0	943.8	943.8	941.7	939.6	926.8	914.0	901.2
57.5°	1197.4	1161.1	1122.8	1084.4	1086.6	1086.6	1088.7	1088.7	1071.7	1054.6	1035.4
60°	1355.0	1312.4	1267.7	1225.1	1231.5	1240.0	1246.4	1252.8	1231.5	1210.1	1186.7
62.5°	1527.6	1482.9	1440.2	1395.5	1408.3	1421.1	1431.7	1444.5	1412.6	1380.6	1348.6
65°	1693.8	1642.6	1591.5	1540.4	1563.8	1589.4	1612.8	1636.3	1597.9	1559.6	1521.2
67.5°	1862.1	1804.6	1744.9	1685.3	1713.0	1740.7	1768.4	1796.0	1757.7	1717.2	1678.9
70°	2017.6	1945.2	1872.7	1800.3	1828.0	1855.7	1883.4	1911.1	1874.9	1838.7	1802.4
72.5°	*2100.7*	*2026.1*	*1953.7*	*1879.1*	*1906.8*	*1936.7*	*1964.4*	*1992.1*	*1947.3*	*1902.6*	*1855.7*
75°	2068.8	2002.7	1938.8	1872.7	1913.2	1953.7	1994.2	2034.7	1975.0	1913.2	1853.6
77.5°	1804.6	1774.7	1742.8	1710.8	1783.3	1855.7	1928.1	2000.6	1915.4	1828.0	1742.8
80°	1257.0	1280.5	1301.8	1323.1	1427.5	1531.9	1634.1	1738.5	1638.4	1540.4	1440.2
82.5°	577.4	643.4	707.3	773.4	877.8	982.2	1084.4	1188.8	1078.1	967.3	854.3
85°	138.5	159.8	179.0	200.3	253.5	306.8	360.1	413.3	368.6	323.8	279.1
87.5°	17.0	19.2	19.2	21.3	19.2	19.2	17.0	14.9	17.0	17.0	19.2
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	513.5	515.6	515.6	517.7	517.7	517.7	517.7	515.6	515.6	515.6	517.7
5°	445.3	455.9	464.5	475.1	483.6	487.9	494.3	498.5	502.8	504.9	504.9
7.5°	417.6	413.3	406.9	402.7	396.3	404.8	415.5	424.0	432.5	434.6	436.8
10°	338.8	336.6	332.4	330.2	326.0	328.1	332.4	334.5	336.6	347.3	360.1
12.5°	302.5	304.7	306.8	308.9	311.1	304.7	298.3	289.8	283.4	294.0	304.7
15°	266.3	266.3	268.4	268.4	268.4	277.0	285.5	294.0	302.5	317.5	334.5
17.5°	298.3	294.0	289.8	283.4	279.1	281.2	281.2	283.4	283.4	291.9	298.3
20°	285.5	279.1	274.8	268.4	262.1	272.7	283.4	294.0	304.7	321.7	338.8
22.5°	279.1	291.9	302.5	315.3	326.0	319.6	313.2	304.7	298.3	298.3	298.3
25°	334.5	323.8	313.2	302.5	291.9	311.1	328.1	347.3	364.3	377.1	387.8
27.5°	323.8	332.4	340.9	347.3	355.8	366.5	377.1	387.8	398.4	417.6	434.6
30°	366.5	377.1	387.8	396.3	406.9	434.6	460.2	487.9	513.5	526.2	539.0
32.5°	394.2	415.5	434.6	455.9	475.1	490.0	504.9	519.9	534.8	547.5	562.5
35°	434.6	451.7	466.6	483.6	498.5	515.6	532.6	547.5	564.6	577.4	590.2
37.5°	451.7	470.9	490.0	507.1	526.2	547.5	566.7	588.0	607.2	617.9	626.4
40°	477.2	500.7	524.1	547.5	571.0	592.3	613.6	634.9	656.2	664.7	673.3
42.5°	517.7	543.3	568.9	592.3	617.9	641.3	662.6	686.0	707.3	715.9	724.4
45°	566.7	592.3	617.9	643.4	669.0	694.6	720.1	745.7	771.3	781.9	792.6
47.5°	628.5	654.1	681.8	707.3	732.9	764.9	794.7	826.7	856.5	865.0	873.5
50°	696.7	722.3	747.8	773.4	799.0	839.4	877.8	918.3	956.6	960.9	967.3
52.5°	784.0	809.6	833.0	858.6	882.0	926.8	971.5	1014.1	1058.9	1061.0	1065.3
55°	888.4	911.9	937.4	960.9	984.3	1033.3	1080.2	1129.2	1176.1	1176.1	1178.2
57.5°	1018.4	1044.0	1069.5	1093.0	1118.5	1165.4	1212.3	1257.0	1303.9	1301.8	1299.6
60°	1165.4	1188.8	1210.1	1233.6	1254.9	1299.6	1346.5	1391.2	1436.0	1431.7	1425.3
62.5°	1316.7	1342.2	1367.8	1391.2	1416.8	1453.0	1491.4	1527.6	1563.8	1555.3	1546.8
65°	1482.9	1508.4	1536.1	1561.7	1587.3	1615.0	1644.8	1672.5	1700.2	1691.7	1685.3
67.5°	1638.4	1668.2	1698.0	1725.7	1755.6	1776.9	1798.2	1817.4	1838.7	1828.0	1817.4
70°	1766.2	1791.8	1817.4	1842.9	1868.5	1889.8	1911.1	1932.4	1953.7	1943.1	1932.4
72.5°	*1811.0*	*1840.8*	*1870.6*	*1898.3*	*1928.1*	*1953.7*	*1979.3*	*2004.8*	*2030.4*	*2024.0*	*2015.5*
75°	1791.8	1813.1	1834.4	1855.7	1877.0	1896.2	1917.5	1936.7	1955.8	1945.2	1934.5
77.5°	1655.4	1653.3	1649.0	1646.9	1642.6	1642.6	1644.8	1644.8	1644.8	1632.0	1619.2
80°	1340.1	1301.8	1263.4	1225.1	1186.7	1142.0	1097.2	1052.5	1007.7	965.1	922.5
82.5°	743.6	656.2	571.0	483.6	396.3	360.1	321.7	285.5	247.1	230.1	210.9
85°	234.4	204.5	174.7	144.9	115.0	108.7	102.3	93.7	87.4	81.0	74.6
87.5°	19.2	17.0	17.0	14.9	12.8	10.7	10.7	8.5	6.4	6.4	6.4
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	517.7	517.7	517.7	517.7	517.7	517.7	517.7	517.7	515.6	515.6	515.6
5°	507.1	507.1	507.1	507.1	507.1	507.1	507.1	504.9	504.9	502.8	498.5
7.5°	436.8	438.9	438.9	436.8	438.9	438.9	436.8	436.8	434.6	432.5	424.0
10°	370.7	381.4	381.4	381.4	381.4	381.4	370.7	360.1	347.3	336.6	334.5
12.5°	315.3	326.0	326.0	326.0	326.0	326.0	315.3	304.7	294.0	283.4	289.8
15°	349.4	364.3	364.3	364.3	364.3	364.3	349.4	334.5	317.5	302.5	294.0
17.5°	306.8	313.2	315.3	315.3	315.3	313.2	306.8	298.3	291.9	283.4	283.4
20°	353.7	370.7	372.8	375.0	372.8	370.7	353.7	338.8	321.7	304.7	294.0
22.5°	296.1	296.1	298.3	298.3	298.3	296.1	296.1	298.3	298.3	298.3	304.7
25°	400.5	411.2	411.2	409.1	411.2	411.2	400.5	387.8	377.1	364.3	347.3
27.5°	453.8	470.9	475.1	477.2	475.1	470.9	453.8	434.6	417.6	398.4	387.8
30°	551.8	564.6	564.6	564.6	564.6	564.6	551.8	539.0	526.2	513.5	487.9
32.5°	575.2	588.0	588.0	588.0	588.0	588.0	575.2	562.5	547.5	534.8	519.9
35°	600.8	613.6	615.7	615.7	615.7	613.6	600.8	590.2	577.4	564.6	547.5
37.5°	637.0	645.6	647.7	649.8	647.7	645.6	637.0	626.4	617.9	607.2	588.0
40°	679.6	688.2	688.2	688.2	688.2	688.2	679.6	673.3	664.7	656.2	634.9
42.5°	732.9	741.4	743.6	745.7	743.6	741.4	732.9	724.4	715.9	707.3	686.0
45°	801.1	811.7	813.9	816.0	813.9	811.7	801.1	792.6	781.9	771.3	745.7
47.5°	882.0	890.6	890.6	890.6	890.6	890.6	882.0	873.5	865.0	856.5	826.7
50°	971.5	975.8	977.9	977.9	977.9	975.8	971.5	967.3	960.9	956.6	918.3
52.5°	1067.4	1069.5	1069.5	1067.4	1069.5	1069.5	1067.4	1065.3	1061.0	1058.9	1014.1
55°	1178.2	1178.2	1176.1	1171.8	1176.1	1178.2	1178.2	1178.2	1176.1	1176.1	1129.2
57.5°	1297.5	1295.4	1295.4	1293.2	1295.4	1295.4	1297.5	1299.6	1301.8	1303.9	1257.0
60°	1421.1	1414.7	1412.6	1408.3	1412.6	1414.7	1421.1	1425.3	1431.7	1436.0	1391.2
62.5°	1538.3	1529.7	1529.7	1529.7	1529.7	1529.7	1538.3	1546.8	1555.3	1563.8	1527.6
65°	1676.7	1668.2	1664.0	1659.7	1664.0	1668.2	1676.7	1685.3	1691.7	1700.2	1672.5
67.5°	1806.7	1796.0	1791.8	1785.4	1791.8	1796.0	1806.7	1817.4	1828.0	1838.7	1817.4
70°	1919.6	1909.0	1906.8	1904.7	1906.8	1909.0	1919.6	1932.4	1943.1	1953.7	1932.4
72.5°	*2009.1*	*2000.6*	*1998.5*	*1994.2*	*1998.5*	*2000.6*	*2009.1*	*2015.5*	*2024.0*	*2030.4*	*2004.8*
75°	1923.9	1913.2	1906.8	1898.3	1906.8	1913.2	1923.9	1934.5	1945.2	1955.8	1936.7
77.5°	1606.4	1593.6	1589.4	1583.0	1589.4	1593.6	1606.4	1619.2	1632.0	1644.8	1644.8
80°	879.9	837.3	826.7	813.9	826.7	837.3	879.9	922.5	965.1	1007.7	1052.5
82.5°	193.9	174.7	168.3	159.8	168.3	174.7	193.9	210.9	230.1	247.1	285.5
85°	66.0	59.7	55.4	51.1	55.4	59.7	66.0	74.6	81.0	87.4	93.7
87.5°	6.4	6.4	6.4	4.3	6.4	6.4	6.4	6.4	6.4	6.4	8.5
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	517.7	517.7	517.7	517.7	515.6	515.6	513.5	513.5	511.3	511.3	509.2
5°	494.3	487.9	483.6	475.1	464.5	455.9	445.3	443.2	441.0	438.9	436.8
7.5°	415.5	404.8	396.3	402.7	406.9	413.3	417.6	419.7	421.8	421.8	424.0
10°	332.4	328.1	326.0	330.2	332.4	336.6	338.8	345.1	351.5	355.8	362.2
12.5°	298.3	304.7	311.1	308.9	306.8	304.7	302.5	306.8	311.1	315.3	319.6
15°	285.5	277.0	268.4	268.4	268.4	266.3	266.3	268.4	272.7	274.8	277.0
17.5°	281.2	281.2	279.1	283.4	289.8	294.0	298.3	287.6	277.0	264.2	253.5
20°	283.4	272.7	262.1	268.4	274.8	279.1	285.5	294.0	300.4	308.9	315.3
22.5°	313.2	319.6	326.0	315.3	302.5	291.9	279.1	289.8	302.5	313.2	323.8
25°	328.1	311.1	291.9	302.5	313.2	323.8	334.5	326.0	317.5	308.9	300.4
27.5°	377.1	366.5	355.8	347.3	340.9	332.4	323.8	334.5	345.1	355.8	366.5
30°	460.2	434.6	406.9	396.3	387.8	377.1	366.5	362.2	357.9	351.5	347.3
32.5°	504.9	490.0	475.1	455.9	434.6	415.5	394.2	394.2	394.2	392.0	392.0
35°	532.6	515.6	498.5	483.6	466.6	451.7	434.6	430.4	426.1	421.8	417.6
37.5°	566.7	547.5	526.2	507.1	490.0	470.9	451.7	451.7	451.7	451.7	451.7
40°	613.6	592.3	571.0	547.5	524.1	500.7	477.2	479.4	483.6	485.8	487.9
42.5°	662.6	641.3	617.9	592.3	568.9	543.3	517.7	519.9	524.1	526.2	528.4
45°	720.1	694.6	669.0	643.4	617.9	592.3	566.7	571.0	573.1	577.4	579.5
47.5°	794.7	764.9	732.9	707.3	681.8	654.1	628.5	634.9	639.2	645.6	649.8
50°	877.8	839.4	799.0	773.4	747.8	722.3	696.7	705.2	713.7	722.3	730.8
52.5°	971.5	926.8	882.0	858.6	833.0	809.6	784.0	792.6	803.2	811.7	820.3
55°	1080.2	1033.3	984.3	960.9	937.4	911.9	888.4	901.2	914.0	926.8	939.6
57.5°	1212.3	1165.4	1118.5	1093.0	1069.5	1044.0	1018.4	1035.4	1054.6	1071.7	1088.7
60°	1346.5	1299.6	1254.9	1233.6	1210.1	1188.8	1165.4	1186.7	1210.1	1231.5	1252.8
62.5°	1491.4	1453.0	1416.8	1391.2	1367.8	1342.2	1316.7	1348.6	1380.6	1412.6	1444.5
65°	1644.8	1615.0	1587.3	1561.7	1536.1	1508.4	1482.9	1521.2	1559.6	1597.9	1636.3
67.5°	1798.2	1776.9	1755.6	1725.7	1698.0	1668.2	1638.4	1678.9	1717.2	1757.7	1796.0
70°	1911.1	1889.8	1868.5	1842.9	1817.4	1791.8	1766.2	1802.4	1838.7	1874.9	1911.1
72.5°	*1979.3*	*1953.7*	*1928.1*	*1898.3*	*1870.6*	*1840.8*	*1811.0*	*1855.7*	*1902.6*	*1947.3*	*1992.1*
75°	1917.5	1896.2	1877.0	1855.7	1834.4	1813.1	1791.8	1853.6	1913.2	1975.0	2034.7
77.5°	1644.8	1642.6	1642.6	1646.9	1649.0	1653.3	1655.4	1742.8	1828.0	1915.4	2000.6
80°	1097.2	1142.0	1186.7	1225.1	1263.4	1301.8	1340.1	1440.2	1540.4	1638.4	1738.5
82.5°	321.7	360.1	396.3	483.6	571.0	656.2	743.6	854.3	967.3	1078.1	1188.8
85°	102.3	108.7	115.0	144.9	174.7	204.5	234.4	279.1	323.8	368.6	413.3
87.5°	10.7	10.7	12.8	14.9	17.0	17.0	19.2	19.2	17.0	17.0	14.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	507.1	504.9	502.8	500.7	498.5	496.4	492.2	490.0	483.6	477.2	470.9
5°	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8
7.5°	424.0	426.1	426.1	426.1	424.0	421.8	419.7	417.6	415.5	415.5	413.3
10°	362.2	362.2	360.1	360.1	370.7	383.5	394.2	404.8	409.1	413.3	415.5
12.5°	334.5	349.4	362.2	377.1	385.6	396.3	404.8	413.3	411.2	409.1	406.9
15°	285.5	291.9	300.4	306.8	319.6	332.4	343.0	355.8	370.7	387.8	402.7
17.5°	274.8	296.1	317.5	338.8	349.4	362.2	372.8	383.5	387.8	394.2	398.4
20°	317.5	317.5	319.6	319.6	319.6	317.5	317.5	315.3	340.9	368.6	394.2
22.5°	319.6	315.3	311.1	306.8	326.0	343.0	362.2	379.2	377.1	375.0	372.8
25°	317.5	336.6	353.7	370.7	364.3	360.1	353.7	347.3	370.7	392.0	415.5
27.5°	360.1	355.8	349.4	343.0	355.8	370.7	383.5	396.3	392.0	387.8	381.4
30°	357.9	366.5	377.1	385.6	383.5	383.5	381.4	379.2	402.7	424.0	447.4
32.5°	392.0	394.2	394.2	394.2	409.1	421.8	436.8	449.5	460.2	473.0	483.6
35°	421.8	426.1	428.2	432.5	451.7	470.9	487.9	507.1	528.4	549.7	571.0
37.5°	453.8	458.1	460.2	462.3	483.6	502.8	524.1	543.3	566.7	590.2	611.5
40°	492.2	498.5	502.8	507.1	526.2	545.4	564.6	583.8	609.3	634.9	658.3
42.5°	536.9	543.3	551.8	558.2	579.5	598.7	620.0	639.2	664.7	688.2	713.7
45°	588.0	596.6	602.9	611.5	639.2	664.7	692.4	718.0	741.4	762.7	786.2
47.5°	656.2	660.5	666.9	671.1	700.9	730.8	758.5	788.3	811.7	835.2	856.5
50°	732.9	732.9	735.0	735.0	773.4	809.6	848.0	884.2	905.5	928.9	950.2
52.5°	824.5	828.8	830.9	835.2	873.5	909.7	948.1	984.3	1005.6	1029.1	1050.4
55°	941.7	943.8	943.8	946.0	984.3	1022.7	1061.0	1099.4	1120.7	1142.0	1163.3
57.5°	1088.7	1086.6	1086.6	1084.4	1122.8	1161.1	1197.4	1235.7	1257.0	1278.3	1299.6
60°	1246.4	1240.0	1231.5	1225.1	1267.7	1312.4	1355.0	1397.6	1416.8	1436.0	1455.2
62.5°	1431.7	1421.1	1408.3	1395.5	1440.2	1482.9	1527.6	1570.2	1585.1	1597.9	1612.8
65°	1612.8	1589.4	1563.8	1540.4	1591.5	1642.6	1693.8	1744.9	1755.6	1766.2	1774.7
67.5°	1768.4	1740.7	1713.0	1685.3	1744.9	1804.6	1862.1	1921.8	1926.0	1930.3	1934.5
70°	1883.4	1855.7	1828.0	1800.3	1872.7	1945.2	2017.6	2090.1	2092.2	2094.3	2096.5
72.5°	*1964.4*	*1936.7*	*1906.8*	*1879.1*	*1953.7*	*2026.1*	*2100.7*	*2173.2*	*2179.5*	*2183.8*	*2190.2*
75°	1994.2	1953.7	1913.2	1872.7	1938.8	2002.7	2068.8	2132.7	2126.3	2119.9	2111.4
77.5°	1928.1	1855.7	1783.3	1710.8	1742.8	1774.7	1804.6	1836.5	1802.4	1766.2	1732.1
80°	1634.1	1531.9	1427.5	1323.1	1301.8	1280.5	1257.0	1235.7	1171.8	1107.9	1041.8
82.5°	1084.4	982.2	877.8	773.4	707.3	643.4	577.4	511.3	453.8	396.3	336.6
85°	360.1	306.8	253.5	200.3	179.0	159.8	138.5	117.2	108.7	100.1	91.6
87.5°	17.0	19.2	19.2	21.3	19.2	19.2	17.0	14.9	12.8	12.8	10.7
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	464.5	464.5	466.6	466.6	466.6	466.6	464.5	466.6	466.6	466.6	466.6
5°	436.8	436.8	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9
7.5°	411.2	404.8	396.3	389.9	381.4	379.2	375.0	379.2	381.4	389.9	396.3
10°	419.7	419.7	421.8	421.8	421.8	421.8	421.8	421.8	421.8	421.8	421.8
12.5°	404.8	396.3	385.6	377.1	366.5	368.6	370.7	368.6	366.5	377.1	385.6
15°	417.6	419.7	421.8	424.0	426.1	426.1	426.1	426.1	426.1	424.0	421.8
17.5°	402.7	394.2	383.5	375.0	364.3	364.3	362.2	364.3	364.3	375.0	383.5
20°	419.7	424.0	428.2	430.4	434.6	434.6	434.6	434.6	434.6	430.4	428.2
22.5°	370.7	370.7	370.7	368.6	368.6	368.6	368.6	368.6	368.6	368.6	370.7
25°	436.8	441.0	445.3	447.4	451.7	451.7	449.5	451.7	451.7	447.4	445.3
27.5°	377.1	379.2	383.5	385.6	387.8	387.8	387.8	387.8	387.8	385.6	383.5
30°	468.7	470.9	473.0	473.0	475.1	475.1	475.1	475.1	475.1	473.0	473.0
32.5°	494.3	513.5	534.8	553.9	573.1	575.2	577.4	575.2	573.1	553.9	534.8
35°	592.3	596.6	602.9	607.2	611.5	613.6	613.6	613.6	611.5	607.2	602.9
37.5°	634.9	639.2	641.3	645.6	647.7	649.8	649.8	649.8	647.7	645.6	641.3
40°	683.9	688.2	690.3	694.6	696.7	696.7	694.6	696.7	696.7	694.6	690.3
42.5°	737.2	739.3	743.6	745.7	747.8	750.0	750.0	750.0	747.8	745.7	743.6
45°	807.5	809.6	811.7	811.7	813.9	816.0	816.0	816.0	813.9	811.7	811.7
47.5°	879.9	884.2	886.3	890.6	892.7	894.8	897.0	894.8	892.7	890.6	886.3
50°	971.5	973.7	977.9	980.1	982.2	982.2	982.2	982.2	982.2	980.1	977.9
52.5°	1071.7	1073.8	1073.8	1075.9	1075.9	1075.9	1073.8	1075.9	1075.9	1075.9	1073.8
55°	1184.6	1184.6	1184.6	1182.5	1182.5	1182.5	1182.5	1182.5	1182.5	1182.5	1184.6
57.5°	1320.9	1320.9	1320.9	1320.9	1320.9	1314.5	1306.0	1314.5	1320.9	1320.9	1320.9
60°	1474.3	1470.1	1463.7	1459.4	1453.0	1450.9	1448.8	1450.9	1453.0	1459.4	1463.7
62.5°	1625.6	1619.2	1610.7	1604.3	1595.8	1593.6	1589.4	1593.6	1595.8	1604.3	1610.7
65°	1785.4	1774.7	1764.1	1751.3	1740.7	1738.5	1734.3	1738.5	1740.7	1751.3	1764.1
67.5°	1938.8	1928.1	1917.5	1904.7	1894.1	1891.9	1887.7	1891.9	1894.1	1904.7	1917.5
70°	2098.6	2087.9	2077.3	2064.5	2053.8	2053.8	2051.7	2053.8	2053.8	2064.5	2077.3
72.5°	*2194.5*	*2183.8*	*2175.3*	*2164.6*	*2154.0*	*2147.6*	*2141.2*	*2147.6*	*2154.0*	*2164.6*	*2175.3*
75°	2105.0	2087.9	2070.9	2051.7	2034.7	2030.4	2026.1	2030.4	2034.7	2051.7	2070.9
77.5°	1695.9	1678.9	1659.7	1642.6	1623.5	1606.4	1587.3	1606.4	1623.5	1642.6	1659.7
80°	977.9	935.3	892.7	850.1	807.5	796.8	786.2	796.8	807.5	850.1	892.7
82.5°	279.1	257.8	234.4	213.1	189.6	189.6	189.6	189.6	189.6	213.1	234.4
85°	83.1	72.4	63.9	53.3	42.6	40.5	38.3	40.5	42.6	53.3	63.9
87.5°	8.5	8.5	8.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	8.5
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	464.5	464.5	470.9	477.2	483.6	490.0	492.2	496.4	498.5	500.7	502.8
5°	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8
7.5°	404.8	411.2	413.3	415.5	415.5	417.6	419.7	421.8	424.0	426.1	426.1
10°	419.7	419.7	415.5	413.3	409.1	404.8	394.2	383.5	370.7	360.1	360.1
12.5°	396.3	404.8	406.9	409.1	411.2	413.3	404.8	396.3	385.6	377.1	362.2
15°	419.7	417.6	402.7	387.8	370.7	355.8	343.0	332.4	319.6	306.8	300.4
17.5°	394.2	402.7	398.4	394.2	387.8	383.5	372.8	362.2	349.4	338.8	317.5
20°	424.0	419.7	394.2	368.6	340.9	315.3	317.5	317.5	319.6	319.6	319.6
22.5°	370.7	370.7	372.8	375.0	377.1	379.2	362.2	343.0	326.0	306.8	311.1
25°	441.0	436.8	415.5	392.0	370.7	347.3	353.7	360.1	364.3	370.7	353.7
27.5°	379.2	377.1	381.4	387.8	392.0	396.3	383.5	370.7	355.8	343.0	349.4
30°	470.9	468.7	447.4	424.0	402.7	379.2	381.4	383.5	383.5	385.6	377.1
32.5°	513.5	494.3	483.6	473.0	460.2	449.5	436.8	421.8	409.1	394.2	394.2
35°	596.6	592.3	571.0	549.7	528.4	507.1	487.9	470.9	451.7	432.5	428.2
37.5°	639.2	634.9	611.5	590.2	566.7	543.3	524.1	502.8	483.6	462.3	460.2
40°	688.2	683.9	658.3	634.9	609.3	583.8	564.6	545.4	526.2	507.1	502.8
42.5°	739.3	737.2	713.7	688.2	664.7	639.2	620.0	598.7	579.5	558.2	551.8
45°	809.6	807.5	786.2	762.7	741.4	718.0	692.4	664.7	639.2	611.5	602.9
47.5°	884.2	879.9	856.5	835.2	811.7	788.3	758.5	730.8	700.9	671.1	666.9
50°	973.7	971.5	950.2	928.9	905.5	884.2	848.0	809.6	773.4	735.0	735.0
52.5°	1073.8	1071.7	1050.4	1029.1	1005.6	984.3	948.1	909.7	873.5	835.2	830.9
55°	1184.6	1184.6	1163.3	1142.0	1120.7	1099.4	1061.0	1022.7	984.3	946.0	943.8
57.5°	1320.9	1320.9	1299.6	1278.3	1257.0	1235.7	1197.4	1161.1	1122.8	1084.4	1086.6
60°	1470.1	1474.3	1455.2	1436.0	1416.8	1397.6	1355.0	1312.4	1267.7	1225.1	1231.5
62.5°	1619.2	1625.6	1612.8	1597.9	1585.1	1570.2	1527.6	1482.9	1440.2	1395.5	1408.3
65°	1774.7	1785.4	1774.7	1766.2	1755.6	1744.9	1693.8	1642.6	1591.5	1540.4	1563.8
67.5°	1928.1	1938.8	1934.5	1930.3	1926.0	1921.8	1862.1	1804.6	1744.9	1685.3	1713.0
70°	2087.9	2098.6	2096.5	2094.3	2092.2	2090.1	2017.6	1945.2	1872.7	1800.3	1828.0
72.5°	*2183.8*	*2194.5*	*2190.2*	*2183.8*	*2179.5*	*2173.2*	*2100.7*	*2026.1*	*1953.7*	*1879.1*	*1906.8*
75°	2087.9	2105.0	2111.4	2119.9	2126.3	2132.7	2068.8	2002.7	1938.8	1872.7	1913.2
77.5°	1678.9	1695.9	1732.1	1766.2	1802.4	1836.5	1804.6	1774.7	1742.8	1710.8	1783.3
80°	935.3	977.9	1041.8	1107.9	1171.8	1235.7	1257.0	1280.5	1301.8	1323.1	1427.5
82.5°	257.8	279.1	336.6	396.3	453.8	511.3	577.4	643.4	707.3	773.4	877.8
85°	72.4	83.1	91.6	100.1	108.7	117.2	138.5	159.8	179.0	200.3	253.5
87.5°	8.5	8.5	10.7	12.8	12.8	14.9	17.0	19.2	19.2	21.3	19.2
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	504.9	507.1	509.2	511.3	511.3	513.5	513.5	515.6	515.6	517.7	517.7
5°	436.8	436.8	436.8	438.9	441.0	443.2	445.3	455.9	464.5	475.1	483.6
7.5°	426.1	424.0	424.0	421.8	421.8	419.7	417.6	413.3	406.9	402.7	396.3
10°	362.2	362.2	362.2	355.8	351.5	345.1	338.8	336.6	332.4	330.2	326.0
12.5°	349.4	334.5	319.6	315.3	311.1	306.8	302.5	304.7	306.8	308.9	311.1
15°	291.9	285.5	277.0	274.8	272.7	268.4	266.3	266.3	268.4	268.4	268.4
17.5°	296.1	274.8	253.5	264.2	277.0	287.6	298.3	294.0	289.8	283.4	279.1
20°	317.5	317.5	315.3	308.9	300.4	294.0	285.5	279.1	274.8	268.4	262.1
22.5°	315.3	319.6	323.8	313.2	302.5	289.8	279.1	291.9	302.5	315.3	326.0
25°	336.6	317.5	300.4	308.9	317.5	326.0	334.5	323.8	313.2	302.5	291.9
27.5°	355.8	360.1	366.5	355.8	345.1	334.5	323.8	332.4	340.9	347.3	355.8
30°	366.5	357.9	347.3	351.5	357.9	362.2	366.5	377.1	387.8	396.3	406.9
32.5°	394.2	392.0	392.0	392.0	394.2	394.2	394.2	415.5	434.6	455.9	475.1
35°	426.1	421.8	417.6	421.8	426.1	430.4	434.6	451.7	466.6	483.6	498.5
37.5°	458.1	453.8	451.7	451.7	451.7	451.7	451.7	470.9	490.0	507.1	526.2
40°	498.5	492.2	487.9	485.8	483.6	479.4	477.2	500.7	524.1	547.5	571.0
42.5°	543.3	536.9	528.4	526.2	524.1	519.9	517.7	543.3	568.9	592.3	617.9
45°	596.6	588.0	579.5	577.4	573.1	571.0	566.7	592.3	617.9	643.4	669.0
47.5°	660.5	656.2	649.8	645.6	639.2	634.9	628.5	654.1	681.8	707.3	732.9
50°	732.9	732.9	730.8	722.3	713.7	705.2	696.7	722.3	747.8	773.4	799.0
52.5°	828.8	824.5	820.3	811.7	803.2	792.6	784.0	809.6	833.0	858.6	882.0
55°	943.8	941.7	939.6	926.8	914.0	901.2	888.4	911.9	937.4	960.9	984.3
57.5°	1086.6	1088.7	1088.7	1071.7	1054.6	1035.4	1018.4	1044.0	1069.5	1093.0	1118.5
60°	1240.0	1246.4	1252.8	1231.5	1210.1	1186.7	1165.4	1188.8	1210.1	1233.6	1254.9
62.5°	1421.1	1431.7	1444.5	1412.6	1380.6	1348.6	1316.7	1342.2	1367.8	1391.2	1416.8
65°	1589.4	1612.8	1636.3	1597.9	1559.6	1521.2	1482.9	1508.4	1536.1	1561.7	1587.3
67.5°	1740.7	1768.4	1796.0	1757.7	1717.2	1678.9	1638.4	1668.2	1698.0	1725.7	1755.6
70°	1855.7	1883.4	1911.1	1874.9	1838.7	1802.4	1766.2	1791.8	1817.4	1842.9	1868.5
72.5°	*1936.7*	*1964.4*	*1992.1*	*1947.3*	*1902.6*	*1855.7*	*1811.0*	*1840.8*	*1870.6*	*1898.3*	*1928.1*
75°	1953.7	1994.2	2034.7	1975.0	1913.2	1853.6	1791.8	1813.1	1834.4	1855.7	1877.0
77.5°	1855.7	1928.1	2000.6	1915.4	1828.0	1742.8	1655.4	1653.3	1649.0	1646.9	1642.6
80°	1531.9	1634.1	1738.5	1638.4	1540.4	1440.2	1340.1	1301.8	1263.4	1225.1	1186.7
82.5°	982.2	1084.4	1188.8	1078.1	967.3	854.3	743.6	656.2	571.0	483.6	396.3
85°	306.8	360.1	413.3	368.6	323.8	279.1	234.4	204.5	174.7	144.9	115.0
87.5°	19.2	17.0	14.9	17.0	17.0	19.2	19.2	17.0	17.0	14.9	12.8
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	517.7	517.7	515.6	515.6	515.6	517.7	517.7	517.7	517.7	517.7	517.7
5°	487.9	494.3	498.5	502.8	504.9	504.9	507.1	507.1	507.1	507.1	507.1
7.5°	404.8	415.5	424.0	432.5	434.6	436.8	436.8	438.9	438.9	436.8	438.9
10°	328.1	332.4	334.5	336.6	347.3	360.1	370.7	381.4	381.4	381.4	381.4
12.5°	304.7	298.3	289.8	283.4	294.0	304.7	315.3	326.0	326.0	326.0	326.0
15°	277.0	285.5	294.0	302.5	317.5	334.5	349.4	364.3	364.3	364.3	364.3
17.5°	281.2	281.2	283.4	283.4	291.9	298.3	306.8	313.2	315.3	315.3	315.3
20°	272.7	283.4	294.0	304.7	321.7	338.8	353.7	370.7	372.8	375.0	372.8
22.5°	319.6	313.2	304.7	298.3	298.3	298.3	296.1	296.1	298.3	298.3	298.3
25°	311.1	328.1	347.3	364.3	377.1	387.8	400.5	411.2	411.2	409.1	411.2
27.5°	366.5	377.1	387.8	398.4	417.6	434.6	453.8	470.9	475.1	477.2	475.1
30°	434.6	460.2	487.9	513.5	526.2	539.0	551.8	564.6	564.6	564.6	564.6
32.5°	490.0	504.9	519.9	534.8	547.5	562.5	575.2	588.0	588.0	588.0	588.0
35°	515.6	532.6	547.5	564.6	577.4	590.2	600.8	613.6	615.7	615.7	615.7
37.5°	547.5	566.7	588.0	607.2	617.9	626.4	637.0	645.6	647.7	649.8	647.7
40°	592.3	613.6	634.9	656.2	664.7	673.3	679.6	688.2	688.2	688.2	688.2
42.5°	641.3	662.6	686.0	707.3	715.9	724.4	732.9	741.4	743.6	745.7	743.6
45°	694.6	720.1	745.7	771.3	781.9	792.6	801.1	811.7	813.9	816.0	813.9
47.5°	764.9	794.7	826.7	856.5	865.0	873.5	882.0	890.6	890.6	890.6	890.6
50°	839.4	877.8	918.3	956.6	960.9	967.3	971.5	975.8	977.9	977.9	977.9
52.5°	926.8	971.5	1014.1	1058.9	1061.0	1065.3	1067.4	1069.5	1069.5	1067.4	1069.5
55°	1033.3	1080.2	1129.2	1176.1	1176.1	1178.2	1178.2	1178.2	1176.1	1171.8	1176.1
57.5°	1165.4	1212.3	1257.0	1303.9	1301.8	1299.6	1297.5	1295.4	1295.4	1293.2	1295.4
60°	1299.6	1346.5	1391.2	1436.0	1431.7	1425.3	1421.1	1414.7	1412.6	1408.3	1412.6
62.5°	1453.0	1491.4	1527.6	1563.8	1555.3	1546.8	1538.3	1529.7	1529.7	1529.7	1529.7
65°	1615.0	1644.8	1672.5	1700.2	1691.7	1685.3	1676.7	1668.2	1664.0	1659.7	1664.0
67.5°	1776.9	1798.2	1817.4	1838.7	1828.0	1817.4	1806.7	1796.0	1791.8	1785.4	1791.8
70°	1889.8	1911.1	1932.4	1953.7	1943.1	1932.4	1919.6	1909.0	1906.8	1904.7	1906.8
72.5°	*1953.7*	*1979.3*	*2004.8*	*2030.4*	*2024.0*	*2015.5*	*2009.1*	*2000.6*	*1998.5*	*1994.2*	*1998.5*
75°	1896.2	1917.5	1936.7	1955.8	1945.2	1934.5	1923.9	1913.2	1906.8	1898.3	1906.8
77.5°	1642.6	1644.8	1644.8	1644.8	1632.0	1619.2	1606.4	1593.6	1589.4	1583.0	1589.4
80°	1142.0	1097.2	1052.5	1007.7	965.1	922.5	879.9	837.3	826.7	813.9	826.7
82.5°	360.1	321.7	285.5	247.1	230.1	210.9	193.9	174.7	168.3	159.8	168.3
85°	108.7	102.3	93.7	87.4	81.0	74.6	66.0	59.7	55.4	51.1	55.4
87.5°	10.7	10.7	8.5	6.4	6.4	6.4	6.4	6.4	6.4	4.3	6.4
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	517.7	517.7	517.7	515.6	515.6	515.6	517.7	517.7	517.7	517.7	515.6
5°	507.1	507.1	504.9	504.9	502.8	498.5	494.3	487.9	483.6	475.1	464.5
7.5°	438.9	436.8	436.8	434.6	432.5	424.0	415.5	404.8	396.3	402.7	406.9
10°	381.4	370.7	360.1	347.3	336.6	334.5	332.4	328.1	326.0	330.2	332.4
12.5°	326.0	315.3	304.7	294.0	283.4	289.8	298.3	304.7	311.1	308.9	306.8
15°	364.3	349.4	334.5	317.5	302.5	294.0	285.5	277.0	268.4	268.4	268.4
17.5°	313.2	306.8	298.3	291.9	283.4	283.4	281.2	281.2	279.1	283.4	289.8
20°	370.7	353.7	338.8	321.7	304.7	294.0	283.4	272.7	262.1	268.4	274.8
22.5°	296.1	296.1	298.3	298.3	298.3	304.7	313.2	319.6	326.0	315.3	302.5
25°	411.2	400.5	387.8	377.1	364.3	347.3	328.1	311.1	291.9	302.5	313.2
27.5°	470.9	453.8	434.6	417.6	398.4	387.8	377.1	366.5	355.8	347.3	340.9
30°	564.6	551.8	539.0	526.2	513.5	487.9	460.2	434.6	406.9	396.3	387.8
32.5°	588.0	575.2	562.5	547.5	534.8	519.9	504.9	490.0	475.1	455.9	434.6
35°	613.6	600.8	590.2	577.4	564.6	547.5	532.6	515.6	498.5	483.6	466.6
37.5°	645.6	637.0	626.4	617.9	607.2	588.0	566.7	547.5	526.2	507.1	490.0
40°	688.2	679.6	673.3	664.7	656.2	634.9	613.6	592.3	571.0	547.5	524.1
42.5°	741.4	732.9	724.4	715.9	707.3	686.0	662.6	641.3	617.9	592.3	568.9
45°	811.7	801.1	792.6	781.9	771.3	745.7	720.1	694.6	669.0	643.4	617.9
47.5°	890.6	882.0	873.5	865.0	856.5	826.7	794.7	764.9	732.9	707.3	681.8
50°	975.8	971.5	967.3	960.9	956.6	918.3	877.8	839.4	799.0	773.4	747.8
52.5°	1069.5	1067.4	1065.3	1061.0	1058.9	1014.1	971.5	926.8	882.0	858.6	833.0
55°	1178.2	1178.2	1178.2	1176.1	1176.1	1129.2	1080.2	1033.3	984.3	960.9	937.4
57.5°	1295.4	1297.5	1299.6	1301.8	1303.9	1257.0	1212.3	1165.4	1118.5	1093.0	1069.5
60°	1414.7	1421.1	1425.3	1431.7	1436.0	1391.2	1346.5	1299.6	1254.9	1233.6	1210.1
62.5°	1529.7	1538.3	1546.8	1555.3	1563.8	1527.6	1491.4	1453.0	1416.8	1391.2	1367.8
65°	1668.2	1676.7	1685.3	1691.7	1700.2	1672.5	1644.8	1615.0	1587.3	1561.7	1536.1
67.5°	1796.0	1806.7	1817.4	1828.0	1838.7	1817.4	1798.2	1776.9	1755.6	1725.7	1698.0
70°	1909.0	1919.6	1932.4	1943.1	1953.7	1932.4	1911.1	1889.8	1868.5	1842.9	1817.4
72.5°	*2000.6*	*2009.1*	*2015.5*	*2024.0*	*2030.4*	*2004.8*	*1979.3*	*1953.7*	*1928.1*	*1898.3*	*1870.6*
75°	1913.2	1923.9	1934.5	1945.2	1955.8	1936.7	1917.5	1896.2	1877.0	1855.7	1834.4
77.5°	1593.6	1606.4	1619.2	1632.0	1644.8	1644.8	1644.8	1642.6	1642.6	1646.9	1649.0
80°	837.3	879.9	922.5	965.1	1007.7	1052.5	1097.2	1142.0	1186.7	1225.1	1263.4
82.5°	174.7	193.9	210.9	230.1	247.1	285.5	321.7	360.1	396.3	483.6	571.0
85°	59.7	66.0	74.6	81.0	87.4	93.7	102.3	108.7	115.0	144.9	174.7
87.5°	6.4	6.4	6.4	6.4	6.4	8.5	10.7	10.7	12.8	14.9	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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	515.6	513.5	513.5	511.3	511.3	509.2	507.1	504.9	502.8	500.7	498.5
5°	455.9	445.3	443.2	441.0	438.9	436.8	436.8	436.8	436.8	436.8	436.8
7.5°	413.3	417.6	419.7	421.8	421.8	424.0	424.0	426.1	426.1	426.1	424.0
10°	336.6	338.8	345.1	351.5	355.8	362.2	362.2	362.2	360.1	360.1	370.7
12.5°	304.7	302.5	306.8	311.1	315.3	319.6	334.5	349.4	362.2	377.1	385.6
15°	266.3	266.3	268.4	272.7	274.8	277.0	285.5	291.9	300.4	306.8	319.6
17.5°	294.0	298.3	287.6	277.0	264.2	253.5	274.8	296.1	317.5	338.8	349.4
20°	279.1	285.5	294.0	300.4	308.9	315.3	317.5	317.5	319.6	319.6	319.6
22.5°	291.9	279.1	289.8	302.5	313.2	323.8	319.6	315.3	311.1	306.8	326.0
25°	323.8	334.5	326.0	317.5	308.9	300.4	317.5	336.6	353.7	370.7	364.3
27.5°	332.4	323.8	334.5	345.1	355.8	366.5	360.1	355.8	349.4	343.0	355.8
30°	377.1	366.5	362.2	357.9	351.5	347.3	357.9	366.5	377.1	385.6	383.5
32.5°	415.5	394.2	394.2	394.2	392.0	392.0	392.0	394.2	394.2	394.2	409.1
35°	451.7	434.6	430.4	426.1	421.8	417.6	421.8	426.1	428.2	432.5	451.7
37.5°	470.9	451.7	451.7	451.7	451.7	451.7	453.8	458.1	460.2	462.3	483.6
40°	500.7	477.2	479.4	483.6	485.8	487.9	492.2	498.5	502.8	507.1	526.2
42.5°	543.3	517.7	519.9	524.1	526.2	528.4	536.9	543.3	551.8	558.2	579.5
45°	592.3	566.7	571.0	573.1	577.4	579.5	588.0	596.6	602.9	611.5	639.2
47.5°	654.1	628.5	634.9	639.2	645.6	649.8	656.2	660.5	666.9	671.1	700.9
50°	722.3	696.7	705.2	713.7	722.3	730.8	732.9	732.9	735.0	735.0	773.4
52.5°	809.6	784.0	792.6	803.2	811.7	820.3	824.5	828.8	830.9	835.2	873.5
55°	911.9	888.4	901.2	914.0	926.8	939.6	941.7	943.8	943.8	946.0	984.3
57.5°	1044.0	1018.4	1035.4	1054.6	1071.7	1088.7	1088.7	1086.6	1086.6	1084.4	1122.8
60°	1188.8	1165.4	1186.7	1210.1	1231.5	1252.8	1246.4	1240.0	1231.5	1225.1	1267.7
62.5°	1342.2	1316.7	1348.6	1380.6	1412.6	1444.5	1431.7	1421.1	1408.3	1395.5	1440.2
65°	1508.4	1482.9	1521.2	1559.6	1597.9	1636.3	1612.8	1589.4	1563.8	1540.4	1591.5
67.5°	1668.2	1638.4	1678.9	1717.2	1757.7	1796.0	1768.4	1740.7	1713.0	1685.3	1744.9
70°	1791.8	1766.2	1802.4	1838.7	1874.9	1911.1	1883.4	1855.7	1828.0	1800.3	1872.7
72.5°	*1840.8*	*1811.0*	*1855.7*	*1902.6*	*1947.3*	*1992.1*	*1964.4*	*1936.7*	*1906.8*	*1879.1*	*1953.7*
75°	1813.1	1791.8	1853.6	1913.2	1975.0	2034.7	1994.2	1953.7	1913.2	1872.7	1938.8
77.5°	1653.3	1655.4	1742.8	1828.0	1915.4	2000.6	1928.1	1855.7	1783.3	1710.8	1742.8
80°	1301.8	1340.1	1440.2	1540.4	1638.4	1738.5	1634.1	1531.9	1427.5	1323.1	1301.8
82.5°	656.2	743.6	854.3	967.3	1078.1	1188.8	1084.4	982.2	877.8	773.4	707.3
85°	204.5	234.4	279.1	323.8	368.6	413.3	360.1	306.8	253.5	200.3	179.0
87.5°	17.0	19.2	19.2	17.0	17.0	14.9	17.0	19.2	19.2	21.3	19.2
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1	524.1
2.5°	496.4	492.2	490.0	483.6	477.2	470.9	464.5	464.5	466.6	466.6	466.6
5°	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	438.9	438.9	438.9
7.5°	421.8	419.7	417.6	415.5	415.5	413.3	411.2	404.8	396.3	389.9	381.4
10°	383.5	394.2	404.8	409.1	413.3	415.5	419.7	419.7	421.8	421.8	421.8
12.5°	396.3	404.8	413.3	411.2	409.1	406.9	404.8	396.3	385.6	377.1	366.5
15°	332.4	343.0	355.8	370.7	387.8	402.7	417.6	419.7	421.8	424.0	426.1
17.5°	362.2	372.8	383.5	387.8	394.2	398.4	402.7	394.2	383.5	375.0	364.3
20°	317.5	317.5	315.3	340.9	368.6	394.2	419.7	424.0	428.2	430.4	434.6
22.5°	343.0	362.2	379.2	377.1	375.0	372.8	370.7	370.7	370.7	368.6	368.6
25°	360.1	353.7	347.3	370.7	392.0	415.5	436.8	441.0	445.3	447.4	451.7
27.5°	370.7	383.5	396.3	392.0	387.8	381.4	377.1	379.2	383.5	385.6	387.8
30°	383.5	381.4	379.2	402.7	424.0	447.4	468.7	470.9	473.0	473.0	475.1
32.5°	421.8	436.8	449.5	460.2	473.0	483.6	494.3	513.5	534.8	553.9	573.1
35°	470.9	487.9	507.1	528.4	549.7	571.0	592.3	596.6	602.9	607.2	611.5
37.5°	502.8	524.1	543.3	566.7	590.2	611.5	634.9	639.2	641.3	645.6	647.7
40°	545.4	564.6	583.8	609.3	634.9	658.3	683.9	688.2	690.3	694.6	696.7
42.5°	598.7	620.0	639.2	664.7	688.2	713.7	737.2	739.3	743.6	745.7	747.8
45°	664.7	692.4	718.0	741.4	762.7	786.2	807.5	809.6	811.7	811.7	813.9
47.5°	730.8	758.5	788.3	811.7	835.2	856.5	879.9	884.2	886.3	890.6	892.7
50°	809.6	848.0	884.2	905.5	928.9	950.2	971.5	973.7	977.9	980.1	982.2
52.5°	909.7	948.1	984.3	1005.6	1029.1	1050.4	1071.7	1073.8	1073.8	1075.9	1075.9
55°	1022.7	1061.0	1099.4	1120.7	1142.0	1163.3	1184.6	1184.6	1184.6	1182.5	1182.5
57.5°	1161.1	1197.4	1235.7	1257.0	1278.3	1299.6	1320.9	1320.9	1320.9	1320.9	1320.9
60°	1312.4	1355.0	1397.6	1416.8	1436.0	1455.2	1474.3	1470.1	1463.7	1459.4	1453.0
62.5°	1482.9	1527.6	1570.2	1585.1	1597.9	1612.8	1625.6	1619.2	1610.7	1604.3	1595.8
65°	1642.6	1693.8	1744.9	1755.6	1766.2	1774.7	1785.4	1774.7	1764.1	1751.3	1740.7
67.5°	1804.6	1862.1	1921.8	1926.0	1930.3	1934.5	1938.8	1928.1	1917.5	1904.7	1894.1
70°	1945.2	2017.6	2090.1	2092.2	2094.3	2096.5	2098.6	2087.9	2077.3	2064.5	2053.8
72.5°	*2026.1*	*2100.7*	*2173.2*	*2179.5*	*2183.8*	*2190.2*	*2194.5*	*2183.8*	*2175.3*	*2164.6*	*2154.0*
75°	2002.7	2068.8	2132.7	2126.3	2119.9	2111.4	2105.0	2087.9	2070.9	2051.7	2034.7
77.5°	1774.7	1804.6	1836.5	1802.4	1766.2	1732.1	1695.9	1678.9	1659.7	1642.6	1623.5
80°	1280.5	1257.0	1235.7	1171.8	1107.9	1041.8	977.9	935.3	892.7	850.1	807.5
82.5°	643.4	577.4	511.3	453.8	396.3	336.6	279.1	257.8	234.4	213.1	189.6
85°	159.8	138.5	117.2	108.7	100.1	91.6	83.1	72.4	63.9	53.3	42.6
87.5°	19.2	17.0	14.9	12.8	12.8	10.7	8.5	8.5	8.5	6.4	6.4
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: P560529
CATALOG NUMBER: SDL-PA1-50-730-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	524.1	524.1
2.5°	466.6	464.5
5°	438.9	438.9
7.5°	379.2	375.0
10°	421.8	421.8
12.5°	368.6	370.7
15°	426.1	426.1
17.5°	364.3	362.2
20°	434.6	434.6
22.5°	368.6	368.6
25°	451.7	449.5
27.5°	387.8	387.8
30°	475.1	475.1
32.5°	575.2	577.4
35°	613.6	613.6
37.5°	649.8	649.8
40°	696.7	694.6
42.5°	750.0	750.0
45°	816.0	816.0
47.5°	894.8	897.0
50°	982.2	982.2
52.5°	1075.9	1073.8
55°	1182.5	1182.5
57.5°	1314.5	1306.0
60°	1450.9	1448.8
62.5°	1593.6	1589.4
65°	1738.5	1734.3
67.5°	1891.9	1887.7
70°	2053.8	2051.7
72.5°	*2147.6*	*2141.2*
75°	2030.4	2026.1
77.5°	1606.4	1587.3
80°	796.8	786.2
82.5°	189.6	189.6
85°	40.5	38.3
87.5°	6.4	6.4
90°	0.0	0.0

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