

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: P560639

Luminaire Tested: **SDL-PA1-50-830-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560639
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-PA1-50-830-U-5WQ
Description: Springdale
(1) 80 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: 5282 lumens
Efficiency: N/A
Efficacy: 100.8 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



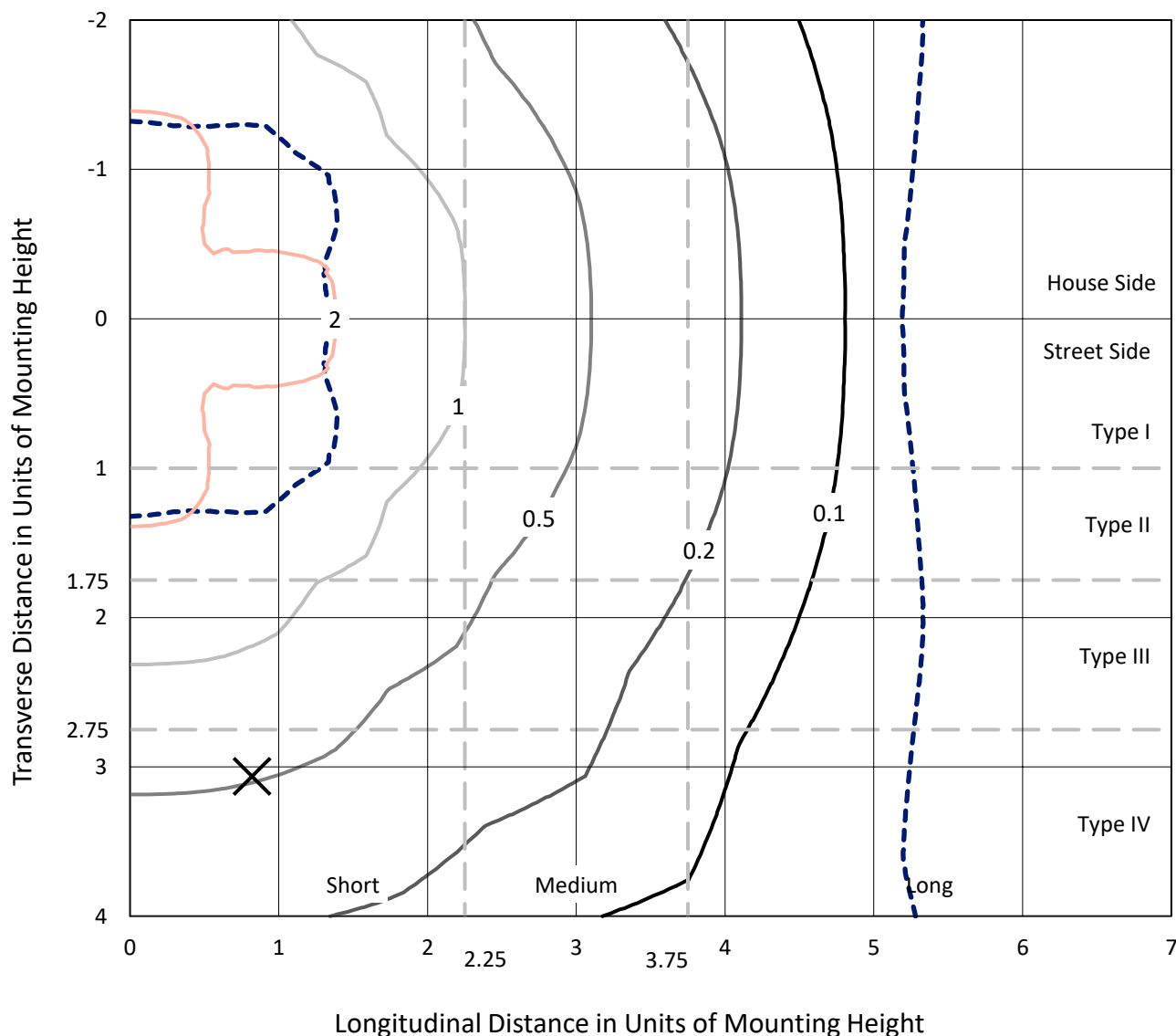
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



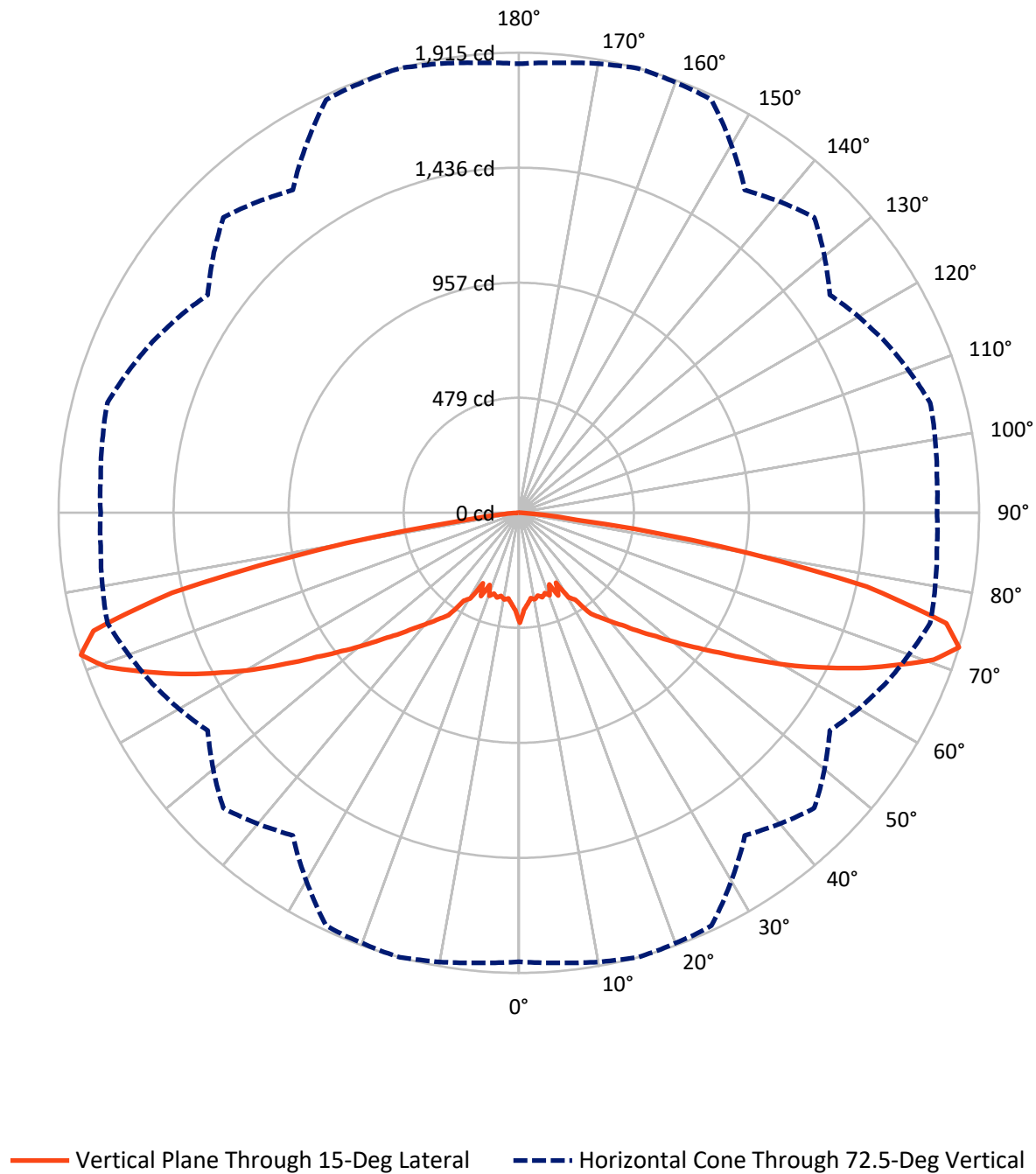
Based on 10 foot mounting height. Maximum calculated value = 4.6 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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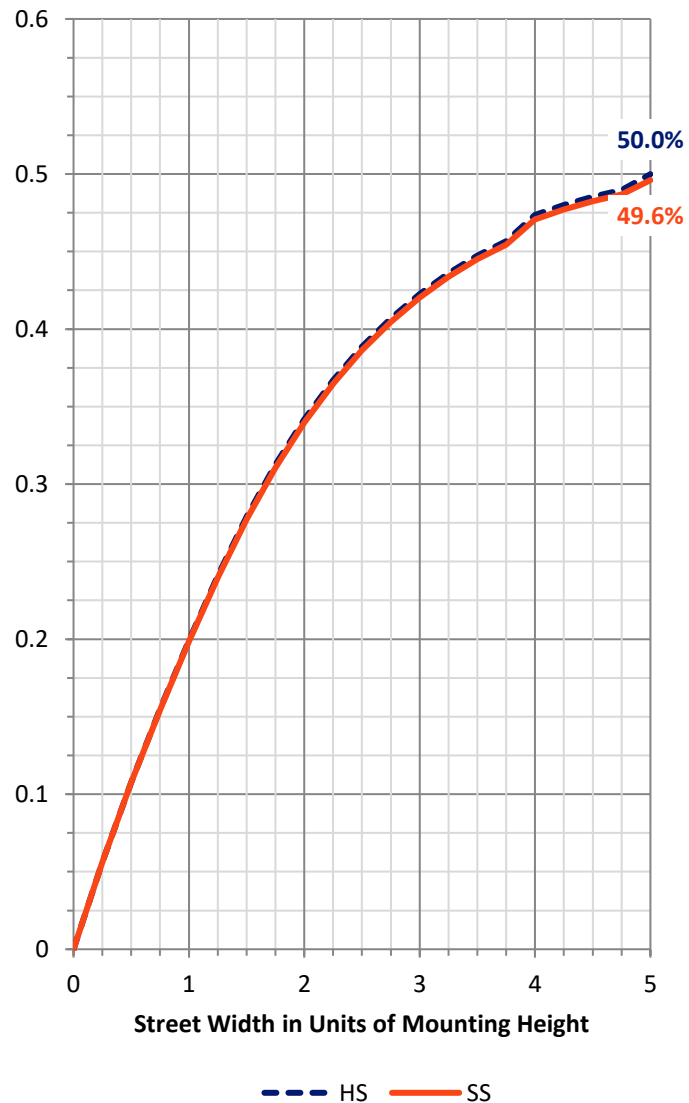
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2641.0	0.0	2641.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2641.0	0.0	2641.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5282.0	0.0	5282.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.9	0.7
10°-20°	83.4	1.6
20°-30°	148.8	2.8
30°-40°	284.6	5.4
40°-50°	484.7	9.2
50°-60°	848.5	16.1
60°-70°	1431.7	27.1
70°-80°	1669.9	31.6
80°-90°	294.6	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°	5282.0	100.0
0°-180°	5282.0	100.0



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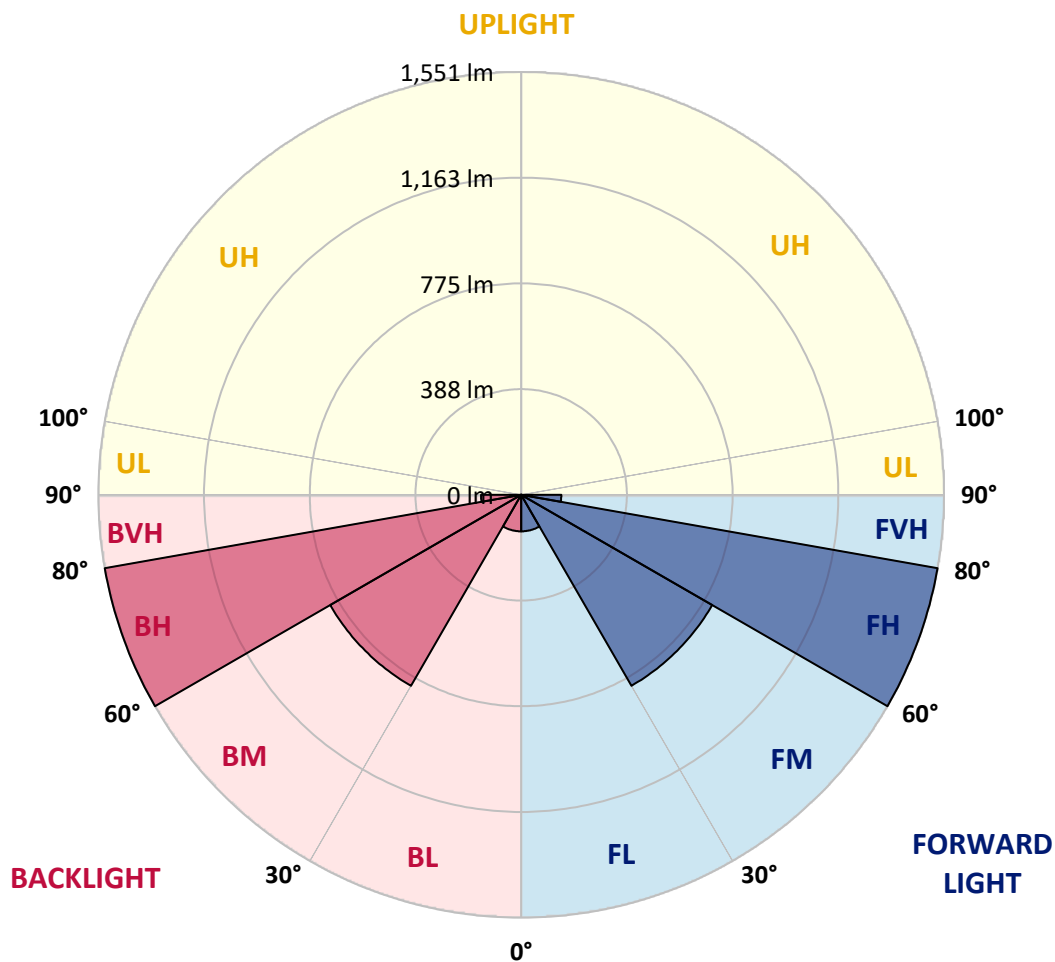
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.0	2.5			
FM	(30°-60°)	808.9	15.3			
FH	(60°-80°)	1550.8	29.4			G1/1800
FVH	(80°-90°)	147.3	2.8			G2/225
BL	(0°-30°)	134.0	2.5	B1/500		
BM	(30°-60°)	808.9	15.3	B1/1000		
BH	(60°-80°)	1550.8	29.4	B3/2500		G1/1800
BVH	(80°-90°)	147.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	405.3	407.1	407.1	407.1	407.1	405.3	405.3	410.8	416.4	422.0	427.6
5°	383.0	383.0	383.0	383.0	383.0	381.1	381.1	381.1	381.1	381.1	381.1
7.5°	327.2	330.9	332.8	340.2	345.8	353.2	358.8	360.6	362.5	362.5	364.4
10°	368.1	368.1	368.1	368.1	368.1	366.2	366.2	362.5	360.6	356.9	353.2
12.5°	323.5	321.6	319.7	329.0	336.5	345.8	353.2	355.1	356.9	358.8	360.6
15°	371.8	371.8	371.8	369.9	368.1	366.2	364.4	351.4	338.3	323.5	310.5
17.5°	316.0	317.9	317.9	327.2	334.6	343.9	351.4	347.6	343.9	338.3	334.6
20°	379.2	379.2	379.2	375.5	373.7	369.9	366.2	343.9	321.6	297.4	275.1
22.5°	321.6	321.6	321.6	321.6	323.5	323.5	323.5	325.3	327.2	329.0	330.9
25°	392.2	394.1	394.1	390.4	388.5	384.8	381.1	362.5	342.1	323.5	303.0
27.5°	338.3	338.3	338.3	336.5	334.6	330.9	329.0	332.8	338.3	342.1	345.8
30°	414.6	414.6	414.6	412.7	412.7	410.8	409.0	390.4	369.9	351.4	330.9
32.5°	503.8	501.9	500.1	483.3	466.6	448.0	431.3	422.0	412.7	401.5	392.2
35°	535.4	535.4	533.5	529.8	526.1	520.5	516.8	498.2	479.6	461.0	442.4
37.5°	567.0	567.0	565.1	563.3	559.6	557.7	554.0	533.5	514.9	494.5	474.0
40°	606.0	607.9	607.9	606.0	602.3	600.5	596.7	574.4	554.0	531.7	509.4
42.5°	654.4	654.4	652.5	650.7	648.8	645.1	643.2	622.8	600.5	580.0	557.7
45°	712.0	712.0	710.1	708.3	708.3	706.4	704.6	686.0	665.5	646.9	626.5
47.5°	782.6	780.8	778.9	777.1	773.3	771.5	767.8	747.3	728.7	708.3	687.8
50°	857.0	857.0	857.0	855.1	853.3	849.6	847.7	829.1	810.5	790.1	771.5
52.5°	936.9	938.8	938.8	938.8	936.9	936.9	935.1	916.5	897.9	877.4	858.9
55°	1031.7	1031.7	1031.7	1031.7	1033.6	1033.6	1033.6	1015.0	996.4	977.8	959.2
57.5°	1139.6	1147.0	1152.6	1152.6	1152.6	1152.6	1152.6	1134.0	1115.4	1096.8	1078.2
60°	1264.1	1266.0	1267.8	1273.4	1277.1	1282.7	1286.4	1269.7	1253.0	1236.2	1219.5
62.5°	1386.8	1390.5	1392.4	1399.8	1405.4	1412.8	1418.4	1407.3	1394.3	1383.1	1370.1
65°	1513.2	1516.9	1518.8	1528.1	1539.3	1548.6	1557.8	1548.6	1541.1	1531.8	1522.5
67.5°	1647.1	1650.8	1652.7	1661.9	1673.1	1682.4	1691.7	1688.0	1684.3	1680.5	1676.8
70°	1790.2	1792.1	1792.1	1801.4	1812.5	1821.8	1831.1	1829.3	1827.4	1825.5	1823.7
72.5°	1868.3	1873.9	1879.5	1888.7	1898.0	1905.5	1914.8	1911.1	1905.5	1901.8	1896.2
75°	1767.9	1771.6	1775.3	1790.2	1807.0	1821.8	1836.7	1842.3	1849.7	1855.3	1860.9
77.5°	1385.0	1401.7	1416.6	1433.3	1448.2	1464.9	1479.8	1511.4	1541.1	1572.7	1602.5
80°	686.0	695.3	704.6	741.7	778.9	816.1	853.3	909.1	966.7	1022.5	1078.2
82.5°	165.5	165.5	165.5	185.9	204.5	224.9	243.5	293.7	345.8	396.0	446.2
85°	33.5	35.3	37.2	46.5	55.8	63.2	72.5	79.9	87.4	94.8	102.2
87.5°	5.6	5.6	5.6	5.6	7.4	7.4	7.4	9.3	11.2	11.2	13.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	429.4	433.1	435.0	436.9	438.7	440.6	442.4	444.3	446.2	446.2	448.0
5°	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	383.0	384.8	386.7
7.5°	366.2	368.1	369.9	371.8	371.8	371.8	369.9	369.9	368.1	368.1	366.2
10°	343.9	334.6	323.5	314.2	314.2	316.0	316.0	316.0	310.5	306.7	301.2
12.5°	353.2	345.8	336.5	329.0	316.0	304.9	291.9	278.9	275.1	271.4	267.7
15°	299.3	290.0	278.9	267.7	262.1	254.7	249.1	241.7	239.8	238.0	234.2
17.5°	325.3	316.0	304.9	295.6	277.0	258.4	239.8	221.2	230.5	241.7	251.0
20°	277.0	277.0	278.9	278.9	278.9	277.0	277.0	275.1	269.6	262.1	256.5
22.5°	316.0	299.3	284.4	267.7	271.4	275.1	278.9	282.6	273.3	264.0	252.8
25°	308.6	314.2	317.9	323.5	308.6	293.7	277.0	262.1	269.6	277.0	284.4
27.5°	334.6	323.5	310.5	299.3	304.9	310.5	314.2	319.7	310.5	301.2	291.9
30°	332.8	334.6	334.6	336.5	329.0	319.7	312.3	303.0	306.7	312.3	316.0
32.5°	381.1	368.1	356.9	343.9	343.9	343.9	342.1	342.1	342.1	343.9	343.9
35°	425.7	410.8	394.1	377.4	373.7	371.8	368.1	364.4	368.1	371.8	375.5
37.5°	457.3	438.7	422.0	403.4	401.5	399.7	396.0	394.1	394.1	394.1	394.1
40°	492.6	475.9	459.2	442.4	438.7	435.0	429.4	425.7	423.9	422.0	418.3
42.5°	541.0	522.4	505.6	487.1	481.5	474.0	468.5	461.0	459.2	457.3	453.6
45°	604.2	580.0	557.7	533.5	526.1	520.5	513.1	505.6	503.8	500.1	498.2
47.5°	661.8	637.6	611.6	585.6	581.9	576.3	572.6	567.0	563.3	557.7	554.0
50°	739.9	706.4	674.8	641.4	641.4	639.5	639.5	637.6	630.2	622.8	615.3
52.5°	827.3	793.8	762.2	728.7	725.0	723.2	719.4	715.7	708.3	700.8	691.5
55°	925.8	892.3	858.9	825.4	823.5	823.5	821.7	819.8	808.7	797.5	786.4
57.5°	1044.8	1013.2	979.7	946.2	948.1	948.1	950.0	950.0	935.1	920.2	903.5
60°	1182.3	1145.1	1106.1	1068.9	1074.5	1081.9	1087.5	1093.1	1074.5	1055.9	1035.5
62.5°	1332.9	1293.9	1256.7	1217.6	1228.8	1240.0	1249.3	1260.4	1232.5	1204.6	1176.7
65°	1477.9	1433.3	1388.7	1344.1	1364.5	1386.8	1407.3	1427.7	1394.3	1360.8	1327.3
67.5°	1624.8	1574.6	1522.5	1470.5	1494.6	1518.8	1543.0	1567.1	1533.7	1498.4	1464.9
70°	1760.5	1697.3	1634.1	1570.9	1595.0	1619.2	1643.4	1667.5	1635.9	1604.3	1572.7
72.5°	1833.0	1767.9	1704.7	1639.6	1663.8	1689.8	1714.0	1738.2	1699.1	1660.1	1619.2
75°	1805.1	1747.5	1691.7	1634.1	1669.4	1704.7	1740.0	1775.3	1723.3	1669.4	1617.3
77.5°	1574.6	1548.6	1520.7	1492.8	1556.0	1619.2	1682.4	1745.6	1671.2	1595.0	1520.7
80°	1096.8	1117.3	1135.9	1154.4	1245.5	1336.6	1425.9	1516.9	1429.6	1344.1	1256.7
82.5°	503.8	561.4	617.2	674.8	765.9	857.0	946.2	1037.3	940.7	844.0	745.5
85°	120.8	139.4	156.2	174.7	221.2	267.7	314.2	360.6	321.6	282.6	243.5
87.5°	14.9	16.7	16.7	18.6	16.7	16.7	14.9	13.0	14.9	14.9	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	448.0	449.9	449.9	451.7	451.7	451.7	451.7	449.9	449.9	449.9	451.7
5°	388.5	397.8	405.3	414.6	422.0	425.7	431.3	435.0	438.7	440.6	440.6
7.5°	364.4	360.6	355.1	351.4	345.8	353.2	362.5	369.9	377.4	379.2	381.1
10°	295.6	293.7	290.0	288.1	284.4	286.3	290.0	291.9	293.7	303.0	314.2
12.5°	264.0	265.8	267.7	269.6	271.4	265.8	260.3	252.8	247.2	256.5	265.8
15°	232.4	232.4	234.2	234.2	234.2	241.7	249.1	256.5	264.0	277.0	291.9
17.5°	260.3	256.5	252.8	247.2	243.5	245.4	245.4	247.2	247.2	254.7	260.3
20°	249.1	243.5	239.8	234.2	228.7	238.0	247.2	256.5	265.8	280.7	295.6
22.5°	243.5	254.7	264.0	275.1	284.4	278.9	273.3	265.8	260.3	260.3	260.3
25°	291.9	282.6	273.3	264.0	254.7	271.4	286.3	303.0	317.9	329.0	338.3
27.5°	282.6	290.0	297.4	303.0	310.5	319.7	329.0	338.3	347.6	364.4	379.2
30°	319.7	329.0	338.3	345.8	355.1	379.2	401.5	425.7	448.0	459.2	470.3
32.5°	343.9	362.5	379.2	397.8	414.6	427.6	440.6	453.6	466.6	477.8	490.8
35°	379.2	394.1	407.1	422.0	435.0	449.9	464.8	477.8	492.6	503.8	514.9
37.5°	394.1	410.8	427.6	442.4	459.2	477.8	494.5	513.1	529.8	539.1	546.5
40°	416.4	436.9	457.3	477.8	498.2	516.8	535.4	554.0	572.6	580.0	587.4
42.5°	451.7	474.0	496.4	516.8	539.1	559.6	578.2	598.6	617.2	624.6	632.1
45°	494.5	516.8	539.1	561.4	583.7	606.0	628.3	650.7	673.0	682.3	691.5
47.5°	548.4	570.7	594.9	617.2	639.5	667.4	693.4	721.3	747.3	754.8	762.2
50°	607.9	630.2	652.5	674.8	697.1	732.4	765.9	801.2	834.7	838.4	844.0
52.5°	684.1	706.4	726.9	749.2	769.6	808.7	847.7	884.9	923.9	925.8	929.5
55°	775.2	795.7	818.0	838.4	858.9	901.6	942.5	985.3	1026.2	1026.2	1028.0
57.5°	888.6	910.9	933.2	953.7	976.0	1016.9	1057.8	1096.8	1137.7	1135.9	1134.0
60°	1016.9	1037.3	1055.9	1076.4	1095.0	1134.0	1174.9	1213.9	1253.0	1249.3	1243.7
62.5°	1148.9	1171.2	1193.5	1213.9	1236.2	1267.8	1301.3	1332.9	1364.5	1357.1	1349.6
65°	1293.9	1316.2	1340.3	1362.7	1385.0	1409.1	1435.2	1459.3	1483.5	1476.0	1470.5
67.5°	1429.6	1455.6	1481.6	1505.8	1531.8	1550.4	1569.0	1585.7	1604.3	1595.0	1585.7
70°	1541.1	1563.4	1585.7	1608.0	1630.3	1648.9	1667.5	1686.1	1704.7	1695.4	1686.1
72.5°	1580.2	1606.2	1632.2	1656.4	1682.4	1704.7	1727.0	1749.3	1771.6	1766.1	1758.6
75°	1563.4	1582.0	1600.6	1619.2	1637.8	1654.5	1673.1	1689.8	1706.6	1697.3	1688.0
77.5°	1444.4	1442.6	1438.9	1437.0	1433.3	1433.3	1435.2	1435.2	1435.2	1424.0	1412.8
80°	1169.3	1135.9	1102.4	1068.9	1035.5	996.4	957.4	918.3	879.3	842.1	804.9
82.5°	648.8	572.6	498.2	422.0	345.8	314.2	280.7	249.1	215.6	200.8	184.0
85°	204.5	178.5	152.4	126.4	100.4	94.8	89.2	81.8	76.2	70.6	65.1
87.5°	16.7	14.9	14.9	13.0	11.2	9.3	9.3	7.4	5.6	5.6	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	451.7	451.7	451.7	451.7	451.7	451.7	451.7	451.7	449.9	449.9	449.9
5°	442.4	442.4	442.4	442.4	442.4	442.4	442.4	440.6	440.6	438.7	435.0
7.5°	381.1	383.0	383.0	381.1	383.0	383.0	381.1	381.1	379.2	377.4	369.9
10°	323.5	332.8	332.8	332.8	332.8	332.8	323.5	314.2	303.0	293.7	291.9
12.5°	275.1	284.4	284.4	284.4	284.4	284.4	275.1	265.8	256.5	247.2	252.8
15°	304.9	317.9	317.9	317.9	317.9	317.9	304.9	291.9	277.0	264.0	256.5
17.5°	267.7	273.3	275.1	275.1	275.1	273.3	267.7	260.3	254.7	247.2	247.2
20°	308.6	323.5	325.3	327.2	325.3	323.5	308.6	295.6	280.7	265.8	256.5
22.5°	258.4	258.4	260.3	260.3	260.3	258.4	258.4	260.3	260.3	260.3	265.8
25°	349.5	358.8	358.8	356.9	358.8	358.8	349.5	338.3	329.0	317.9	303.0
27.5°	396.0	410.8	414.6	416.4	414.6	410.8	396.0	379.2	364.4	347.6	338.3
30°	481.5	492.6	492.6	492.6	492.6	492.6	481.5	470.3	459.2	448.0	425.7
32.5°	501.9	513.1	513.1	513.1	513.1	513.1	501.9	490.8	477.8	466.6	453.6
35°	524.2	535.4	537.3	537.3	537.3	535.4	524.2	514.9	503.8	492.6	477.8
37.5°	555.8	563.3	565.1	567.0	565.1	563.3	555.8	546.5	539.1	529.8	513.1
40°	593.0	600.5	600.5	600.5	600.5	600.5	593.0	587.4	580.0	572.6	554.0
42.5°	639.5	646.9	648.8	650.7	648.8	646.9	639.5	632.1	624.6	617.2	598.6
45°	699.0	708.3	710.1	712.0	710.1	708.3	699.0	691.5	682.3	673.0	650.7
47.5°	769.6	777.1	777.1	777.1	777.1	777.1	769.6	762.2	754.8	747.3	721.3
50°	847.7	851.4	853.3	853.3	853.3	851.4	847.7	844.0	838.4	834.7	801.2
52.5°	931.4	933.2	933.2	931.4	933.2	933.2	931.4	929.5	925.8	923.9	884.9
55°	1028.0	1028.0	1026.2	1022.5	1026.2	1028.0	1028.0	1028.0	1026.2	1026.2	985.3
57.5°	1132.1	1130.3	1130.3	1128.4	1130.3	1130.3	1132.1	1134.0	1135.9	1137.7	1096.8
60°	1240.0	1234.4	1232.5	1228.8	1232.5	1234.4	1240.0	1243.7	1249.3	1253.0	1213.9
62.5°	1342.2	1334.8	1334.8	1334.8	1334.8	1334.8	1342.2	1349.6	1357.1	1364.5	1332.9
65°	1463.0	1455.6	1451.9	1448.2	1451.9	1455.6	1463.0	1470.5	1476.0	1483.5	1459.3
67.5°	1576.4	1567.1	1563.4	1557.8	1563.4	1567.1	1576.4	1585.7	1595.0	1604.3	1585.7
70°	1675.0	1665.7	1663.8	1661.9	1663.8	1665.7	1675.0	1686.1	1695.4	1704.7	1686.1
72.5°	1753.0	1745.6	1743.7	1740.0	1743.7	1745.6	1753.0	1758.6	1766.1	1771.6	1749.3
75°	1678.7	1669.4	1663.8	1656.4	1663.8	1669.4	1678.7	1688.0	1697.3	1706.6	1689.8
77.5°	1401.7	1390.5	1386.8	1381.2	1386.8	1390.5	1401.7	1412.8	1424.0	1435.2	1435.2
80°	767.8	730.6	721.3	710.1	721.3	730.6	767.8	804.9	842.1	879.3	918.3
82.5°	169.2	152.4	146.9	139.4	146.9	152.4	169.2	184.0	200.8	215.6	249.1
85°	57.6	52.1	48.3	44.6	48.3	52.1	57.6	65.1	70.6	76.2	81.8
87.5°	5.6	5.6	5.6	3.7	5.6	5.6	5.6	5.6	5.6	5.6	7.4
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	451.7	451.7	451.7	451.7	449.9	449.9	448.0	448.0	446.2	446.2	444.3
5°	431.3	425.7	422.0	414.6	405.3	397.8	388.5	386.7	384.8	383.0	381.1
7.5°	362.5	353.2	345.8	351.4	355.1	360.6	364.4	366.2	368.1	368.1	369.9
10°	290.0	286.3	284.4	288.1	290.0	293.7	295.6	301.2	306.7	310.5	316.0
12.5°	260.3	265.8	271.4	269.6	267.7	265.8	264.0	267.7	271.4	275.1	278.9
15°	249.1	241.7	234.2	234.2	234.2	232.4	232.4	234.2	238.0	239.8	241.7
17.5°	245.4	245.4	243.5	247.2	252.8	256.5	260.3	251.0	241.7	230.5	221.2
20°	247.2	238.0	228.7	234.2	239.8	243.5	249.1	256.5	262.1	269.6	275.1
22.5°	273.3	278.9	284.4	275.1	264.0	254.7	243.5	252.8	264.0	273.3	282.6
25°	286.3	271.4	254.7	264.0	273.3	282.6	291.9	284.4	277.0	269.6	262.1
27.5°	329.0	319.7	310.5	303.0	297.4	290.0	282.6	291.9	301.2	310.5	319.7
30°	401.5	379.2	355.1	345.8	338.3	329.0	319.7	316.0	312.3	306.7	303.0
32.5°	440.6	427.6	414.6	397.8	379.2	362.5	343.9	343.9	343.9	342.1	342.1
35°	464.8	449.9	435.0	422.0	407.1	394.1	379.2	375.5	371.8	368.1	364.4
37.5°	494.5	477.8	459.2	442.4	427.6	410.8	394.1	394.1	394.1	394.1	394.1
40°	535.4	516.8	498.2	477.8	457.3	436.9	416.4	418.3	422.0	423.9	425.7
42.5°	578.2	559.6	539.1	516.8	496.4	474.0	451.7	453.6	457.3	459.2	461.0
45°	628.3	606.0	583.7	561.4	539.1	516.8	494.5	498.2	500.1	503.8	505.6
47.5°	693.4	667.4	639.5	617.2	594.9	570.7	548.4	554.0	557.7	563.3	567.0
50°	765.9	732.4	697.1	674.8	652.5	630.2	607.9	615.3	622.8	630.2	637.6
52.5°	847.7	808.7	769.6	749.2	726.9	706.4	684.1	691.5	700.8	708.3	715.7
55°	942.5	901.6	858.9	838.4	818.0	795.7	775.2	786.4	797.5	808.7	819.8
57.5°	1057.8	1016.9	976.0	953.7	933.2	910.9	888.6	903.5	920.2	935.1	950.0
60°	1174.9	1134.0	1095.0	1076.4	1055.9	1037.3	1016.9	1035.5	1055.9	1074.5	1093.1
62.5°	1301.3	1267.8	1236.2	1213.9	1193.5	1171.2	1148.9	1176.7	1204.6	1232.5	1260.4
65°	1435.2	1409.1	1385.0	1362.7	1340.3	1316.2	1293.9	1327.3	1360.8	1394.3	1427.7
67.5°	1569.0	1550.4	1531.8	1505.8	1481.6	1455.6	1429.6	1464.9	1498.4	1533.7	1567.1
70°	1667.5	1648.9	1630.3	1608.0	1585.7	1563.4	1541.1	1572.7	1604.3	1635.9	1667.5
72.5°	1727.0	1704.7	1682.4	1656.4	1632.2	1606.2	1580.2	1619.2	1660.1	1699.1	1738.2
75°	1673.1	1654.5	1637.8	1619.2	1600.6	1582.0	1563.4	1617.3	1669.4	1723.3	1775.3
77.5°	1435.2	1433.3	1433.3	1437.0	1438.9	1442.6	1444.4	1520.7	1595.0	1671.2	1745.6
80°	957.4	996.4	1035.5	1068.9	1102.4	1135.9	1169.3	1256.7	1344.1	1429.6	1516.9
82.5°	280.7	314.2	345.8	422.0	498.2	572.6	648.8	745.5	844.0	940.7	1037.3
85°	89.2	94.8	100.4	126.4	152.4	178.5	204.5	243.5	282.6	321.6	360.6
87.5°	9.3	9.3	11.2	13.0	14.9	14.9	16.7	16.7	14.9	14.9	13.0
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	442.4	440.6	438.7	436.9	435.0	433.1	429.4	427.6	422.0	416.4	410.8
5°	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
7.5°	369.9	371.8	371.8	371.8	369.9	368.1	366.2	364.4	362.5	362.5	360.6
10°	316.0	316.0	314.2	314.2	323.5	334.6	343.9	353.2	356.9	360.6	362.5
12.5°	291.9	304.9	316.0	329.0	336.5	345.8	353.2	360.6	358.8	356.9	355.1
15°	249.1	254.7	262.1	267.7	278.9	290.0	299.3	310.5	323.5	338.3	351.4
17.5°	239.8	258.4	277.0	295.6	304.9	316.0	325.3	334.6	338.3	343.9	347.6
20°	277.0	277.0	278.9	278.9	278.9	277.0	277.0	275.1	297.4	321.6	343.9
22.5°	278.9	275.1	271.4	267.7	284.4	299.3	316.0	330.9	329.0	327.2	325.3
25°	277.0	293.7	308.6	323.5	317.9	314.2	308.6	303.0	323.5	342.1	362.5
27.5°	314.2	310.5	304.9	299.3	310.5	323.5	334.6	345.8	342.1	338.3	332.8
30°	312.3	319.7	329.0	336.5	334.6	334.6	332.8	330.9	351.4	369.9	390.4
32.5°	342.1	343.9	343.9	343.9	356.9	368.1	381.1	392.2	401.5	412.7	422.0
35°	368.1	371.8	373.7	377.4	394.1	410.8	425.7	442.4	461.0	479.6	498.2
37.5°	396.0	399.7	401.5	403.4	422.0	438.7	457.3	474.0	494.5	514.9	533.5
40°	429.4	435.0	438.7	442.4	459.2	475.9	492.6	509.4	531.7	554.0	574.4
42.5°	468.5	474.0	481.5	487.1	505.6	522.4	541.0	557.7	580.0	600.5	622.8
45°	513.1	520.5	526.1	533.5	557.7	580.0	604.2	626.5	646.9	665.5	686.0
47.5°	572.6	576.3	581.9	585.6	611.6	637.6	661.8	687.8	708.3	728.7	747.3
50°	639.5	639.5	641.4	641.4	674.8	706.4	739.9	771.5	790.1	810.5	829.1
52.5°	719.4	723.2	725.0	728.7	762.2	793.8	827.3	858.9	877.4	897.9	916.5
55°	821.7	823.5	823.5	825.4	858.9	892.3	925.8	959.2	977.8	996.4	1015.0
57.5°	950.0	948.1	948.1	946.2	979.7	1013.2	1044.8	1078.2	1096.8	1115.4	1134.0
60°	1087.5	1081.9	1074.5	1068.9	1106.1	1145.1	1182.3	1219.5	1236.2	1253.0	1269.7
62.5°	1249.3	1240.0	1228.8	1217.6	1256.7	1293.9	1332.9	1370.1	1383.1	1394.3	1407.3
65°	1407.3	1386.8	1364.5	1344.1	1388.7	1433.3	1477.9	1522.5	1531.8	1541.1	1548.6
67.5°	1543.0	1518.8	1494.6	1470.5	1522.5	1574.6	1624.8	1676.8	1680.5	1684.3	1688.0
70°	1643.4	1619.2	1595.0	1570.9	1634.1	1697.3	1760.5	1823.7	1825.5	1827.4	1829.3
72.5°	1714.0	1689.8	1663.8	1639.6	1704.7	1767.9	1833.0	1896.2	1901.8	1905.5	1911.1
75°	1740.0	1704.7	1669.4	1634.1	1691.7	1747.5	1805.1	1860.9	1855.3	1849.7	1842.3
77.5°	1682.4	1619.2	1556.0	1492.8	1520.7	1548.6	1574.6	1602.5	1572.7	1541.1	1511.4
80°	1425.9	1336.6	1245.5	1154.4	1135.9	1117.3	1096.8	1078.2	1022.5	966.7	909.1
82.5°	946.2	857.0	765.9	674.8	617.2	561.4	503.8	446.2	396.0	345.8	293.7
85°	314.2	267.7	221.2	174.7	156.2	139.4	120.8	102.2	94.8	87.4	79.9
87.5°	14.9	16.7	16.7	18.6	16.7	16.7	14.9	13.0	11.2	11.2	9.3
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	405.3	405.3	407.1	407.1	407.1	407.1	405.3	407.1	407.1	407.1	407.1
5°	381.1	381.1	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0
7.5°	358.8	353.2	345.8	340.2	332.8	330.9	327.2	330.9	332.8	340.2	345.8
10°	366.2	366.2	368.1	368.1	368.1	368.1	368.1	368.1	368.1	368.1	368.1
12.5°	353.2	345.8	336.5	329.0	319.7	321.6	323.5	321.6	319.7	329.0	336.5
15°	364.4	366.2	368.1	369.9	371.8	371.8	371.8	371.8	371.8	369.9	368.1
17.5°	351.4	343.9	334.6	327.2	317.9	317.9	316.0	317.9	317.9	327.2	334.6
20°	366.2	369.9	373.7	375.5	379.2	379.2	379.2	379.2	379.2	375.5	373.7
22.5°	323.5	323.5	323.5	321.6	321.6	321.6	321.6	321.6	321.6	321.6	323.5
25°	381.1	384.8	388.5	390.4	394.1	394.1	392.2	394.1	394.1	390.4	388.5
27.5°	329.0	330.9	334.6	336.5	338.3	338.3	338.3	338.3	338.3	336.5	334.6
30°	409.0	410.8	412.7	412.7	414.6	414.6	414.6	414.6	414.6	412.7	412.7
32.5°	431.3	448.0	466.6	483.3	500.1	501.9	503.8	501.9	500.1	483.3	466.6
35°	516.8	520.5	526.1	529.8	533.5	535.4	535.4	535.4	533.5	529.8	526.1
37.5°	554.0	557.7	559.6	563.3	565.1	567.0	567.0	567.0	565.1	563.3	559.6
40°	596.7	600.5	602.3	606.0	607.9	607.9	606.0	607.9	607.9	606.0	602.3
42.5°	643.2	645.1	648.8	650.7	652.5	654.4	654.4	654.4	652.5	650.7	648.8
45°	704.6	706.4	708.3	708.3	710.1	712.0	712.0	712.0	710.1	708.3	708.3
47.5°	767.8	771.5	773.3	777.1	778.9	780.8	782.6	780.8	778.9	777.1	773.3
50°	847.7	849.6	853.3	855.1	857.0	857.0	857.0	857.0	857.0	855.1	853.3
52.5°	935.1	936.9	936.9	938.8	938.8	938.8	936.9	938.8	938.8	938.8	936.9
55°	1033.6	1033.6	1033.6	1031.7	1031.7	1031.7	1031.7	1031.7	1031.7	1031.7	1033.6
57.5°	1152.6	1152.6	1152.6	1152.6	1152.6	1147.0	1139.6	1147.0	1152.6	1152.6	1152.6
60°	1286.4	1282.7	1277.1	1273.4	1267.8	1266.0	1264.1	1266.0	1267.8	1273.4	1277.1
62.5°	1418.4	1412.8	1405.4	1399.8	1392.4	1390.5	1386.8	1390.5	1392.4	1399.8	1405.4
65°	1557.8	1548.6	1539.3	1528.1	1518.8	1516.9	1513.2	1516.9	1518.8	1528.1	1539.3
67.5°	1691.7	1682.4	1673.1	1661.9	1652.7	1650.8	1647.1	1650.8	1652.7	1661.9	1673.1
70°	1831.1	1821.8	1812.5	1801.4	1792.1	1792.1	1790.2	1792.1	1792.1	1801.4	1812.5
72.5°	1914.8	1905.5	1898.0	1888.7	1879.5	1873.9	1868.3	1873.9	1879.5	1888.7	1898.0
75°	1836.7	1821.8	1807.0	1790.2	1775.3	1771.6	1767.9	1771.6	1775.3	1790.2	1807.0
77.5°	1479.8	1464.9	1448.2	1433.3	1416.6	1401.7	1385.0	1401.7	1416.6	1433.3	1448.2
80°	853.3	816.1	778.9	741.7	704.6	695.3	686.0	695.3	704.6	741.7	778.9
82.5°	243.5	224.9	204.5	185.9	165.5	165.5	165.5	165.5	165.5	185.9	204.5
85°	72.5	63.2	55.8	46.5	37.2	35.3	33.5	35.3	37.2	46.5	55.8
87.5°	7.4	7.4	7.4	5.6	5.6	5.6	5.6	5.6	5.6	5.6	7.4
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	405.3	405.3	410.8	416.4	422.0	427.6	429.4	433.1	435.0	436.9	438.7
5°	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
7.5°	353.2	358.8	360.6	362.5	362.5	364.4	366.2	368.1	369.9	371.8	371.8
10°	366.2	366.2	362.5	360.6	356.9	353.2	343.9	334.6	323.5	314.2	314.2
12.5°	345.8	353.2	355.1	356.9	358.8	360.6	353.2	345.8	336.5	329.0	316.0
15°	366.2	364.4	351.4	338.3	323.5	310.5	299.3	290.0	278.9	267.7	262.1
17.5°	343.9	351.4	347.6	343.9	338.3	334.6	325.3	316.0	304.9	295.6	277.0
20°	369.9	366.2	343.9	321.6	297.4	275.1	277.0	277.0	278.9	278.9	278.9
22.5°	323.5	323.5	325.3	327.2	329.0	330.9	316.0	299.3	284.4	267.7	271.4
25°	384.8	381.1	362.5	342.1	323.5	303.0	308.6	314.2	317.9	323.5	308.6
27.5°	330.9	329.0	332.8	338.3	342.1	345.8	334.6	323.5	310.5	299.3	304.9
30°	410.8	409.0	390.4	369.9	351.4	330.9	332.8	334.6	334.6	336.5	329.0
32.5°	448.0	431.3	422.0	412.7	401.5	392.2	381.1	368.1	356.9	343.9	343.9
35°	520.5	516.8	498.2	479.6	461.0	442.4	425.7	410.8	394.1	377.4	373.7
37.5°	557.7	554.0	533.5	514.9	494.5	474.0	457.3	438.7	422.0	403.4	401.5
40°	600.5	596.7	574.4	554.0	531.7	509.4	492.6	475.9	459.2	442.4	438.7
42.5°	645.1	643.2	622.8	600.5	580.0	557.7	541.0	522.4	505.6	487.1	481.5
45°	706.4	704.6	686.0	665.5	646.9	626.5	604.2	580.0	557.7	533.5	526.1
47.5°	771.5	767.8	747.3	728.7	708.3	687.8	661.8	637.6	611.6	585.6	581.9
50°	849.6	847.7	829.1	810.5	790.1	771.5	739.9	706.4	674.8	641.4	641.4
52.5°	936.9	935.1	916.5	897.9	877.4	858.9	827.3	793.8	762.2	728.7	725.0
55°	1033.6	1033.6	1015.0	996.4	977.8	959.2	925.8	892.3	858.9	825.4	823.5
57.5°	1152.6	1152.6	1134.0	1115.4	1096.8	1078.2	1044.8	1013.2	979.7	946.2	948.1
60°	1282.7	1286.4	1269.7	1253.0	1236.2	1219.5	1182.3	1145.1	1106.1	1068.9	1074.5
62.5°	1412.8	1418.4	1407.3	1394.3	1383.1	1370.1	1332.9	1293.9	1256.7	1217.6	1228.8
65°	1548.6	1557.8	1548.6	1541.1	1531.8	1522.5	1477.9	1433.3	1388.7	1344.1	1364.5
67.5°	1682.4	1691.7	1688.0	1684.3	1680.5	1676.8	1624.8	1574.6	1522.5	1470.5	1494.6
70°	1821.8	1831.1	1829.3	1827.4	1825.5	1823.7	1760.5	1697.3	1634.1	1570.9	1595.0
72.5°	1905.5	1914.8	1911.1	1905.5	1901.8	1896.2	1833.0	1767.9	1704.7	1639.6	1663.8
75°	1821.8	1836.7	1842.3	1849.7	1855.3	1860.9	1805.1	1747.5	1691.7	1634.1	1669.4
77.5°	1464.9	1479.8	1511.4	1541.1	1572.7	1602.5	1574.6	1548.6	1520.7	1492.8	1556.0
80°	816.1	853.3	909.1	966.7	1022.5	1078.2	1096.8	1117.3	1135.9	1154.4	1245.5
82.5°	224.9	243.5	293.7	345.8	396.0	446.2	503.8	561.4	617.2	674.8	765.9
85°	63.2	72.5	79.9	87.4	94.8	102.2	120.8	139.4	156.2	174.7	221.2
87.5°	7.4	7.4	9.3	11.2	11.2	13.0	14.9	16.7	16.7	18.6	16.7
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	440.6	442.4	444.3	446.2	446.2	448.0	448.0	449.9	449.9	451.7	451.7
5°	381.1	381.1	381.1	383.0	384.8	386.7	388.5	397.8	405.3	414.6	422.0
7.5°	371.8	369.9	369.9	368.1	368.1	366.2	364.4	360.6	355.1	351.4	345.8
10°	316.0	316.0	316.0	310.5	306.7	301.2	295.6	293.7	290.0	288.1	284.4
12.5°	304.9	291.9	278.9	275.1	271.4	267.7	264.0	265.8	267.7	269.6	271.4
15°	254.7	249.1	241.7	239.8	238.0	234.2	232.4	232.4	234.2	234.2	234.2
17.5°	258.4	239.8	221.2	230.5	241.7	251.0	260.3	256.5	252.8	247.2	243.5
20°	277.0	277.0	275.1	269.6	262.1	256.5	249.1	243.5	239.8	234.2	228.7
22.5°	275.1	278.9	282.6	273.3	264.0	252.8	243.5	254.7	264.0	275.1	284.4
25°	293.7	277.0	262.1	269.6	277.0	284.4	291.9	282.6	273.3	264.0	254.7
27.5°	310.5	314.2	319.7	310.5	301.2	291.9	282.6	290.0	297.4	303.0	310.5
30°	319.7	312.3	303.0	306.7	312.3	316.0	319.7	329.0	338.3	345.8	355.1
32.5°	343.9	342.1	342.1	342.1	343.9	343.9	343.9	362.5	379.2	397.8	414.6
35°	371.8	368.1	364.4	368.1	371.8	375.5	379.2	394.1	407.1	422.0	435.0
37.5°	399.7	396.0	394.1	394.1	394.1	394.1	394.1	410.8	427.6	442.4	459.2
40°	435.0	429.4	425.7	423.9	422.0	418.3	416.4	436.9	457.3	477.8	498.2
42.5°	474.0	468.5	461.0	459.2	457.3	453.6	451.7	474.0	496.4	516.8	539.1
45°	520.5	513.1	505.6	503.8	500.1	498.2	494.5	516.8	539.1	561.4	583.7
47.5°	576.3	572.6	567.0	563.3	557.7	554.0	548.4	570.7	594.9	617.2	639.5
50°	639.5	639.5	637.6	630.2	622.8	615.3	607.9	630.2	652.5	674.8	697.1
52.5°	723.2	719.4	715.7	708.3	700.8	691.5	684.1	706.4	726.9	749.2	769.6
55°	823.5	821.7	819.8	808.7	797.5	786.4	775.2	795.7	818.0	838.4	858.9
57.5°	948.1	950.0	950.0	935.1	920.2	903.5	888.6	910.9	933.2	953.7	976.0
60°	1081.9	1087.5	1093.1	1074.5	1055.9	1035.5	1016.9	1037.3	1055.9	1076.4	1095.0
62.5°	1240.0	1249.3	1260.4	1232.5	1204.6	1176.7	1148.9	1171.2	1193.5	1213.9	1236.2
65°	1386.8	1407.3	1427.7	1394.3	1360.8	1327.3	1293.9	1316.2	1340.3	1362.7	1385.0
67.5°	1518.8	1543.0	1567.1	1533.7	1498.4	1464.9	1429.6	1455.6	1481.6	1505.8	1531.8
70°	1619.2	1643.4	1667.5	1635.9	1604.3	1572.7	1541.1	1563.4	1585.7	1608.0	1630.3
72.5°	1689.8	1714.0	1738.2	1699.1	1660.1	1619.2	1580.2	1606.2	1632.2	1656.4	1682.4
75°	1704.7	1740.0	1775.3	1723.3	1669.4	1617.3	1563.4	1582.0	1600.6	1619.2	1637.8
77.5°	1619.2	1682.4	1745.6	1671.2	1595.0	1520.7	1444.4	1442.6	1438.9	1437.0	1433.3
80°	1336.6	1425.9	1516.9	1429.6	1344.1	1256.7	1169.3	1135.9	1102.4	1068.9	1035.5
82.5°	857.0	946.2	1037.3	940.7	844.0	745.5	648.8	572.6	498.2	422.0	345.8
85°	267.7	314.2	360.6	321.6	282.6	243.5	204.5	178.5	152.4	126.4	100.4
87.5°	16.7	14.9	13.0	14.9	14.9	16.7	16.7	14.9	14.9	13.0	11.2
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	451.7	451.7	449.9	449.9	449.9	451.7	451.7	451.7	451.7	451.7	451.7
5°	425.7	431.3	435.0	438.7	440.6	440.6	442.4	442.4	442.4	442.4	442.4
7.5°	353.2	362.5	369.9	377.4	379.2	381.1	381.1	383.0	383.0	381.1	383.0
10°	286.3	290.0	291.9	293.7	303.0	314.2	323.5	332.8	332.8	332.8	332.8
12.5°	265.8	260.3	252.8	247.2	256.5	265.8	275.1	284.4	284.4	284.4	284.4
15°	241.7	249.1	256.5	264.0	277.0	291.9	304.9	317.9	317.9	317.9	317.9
17.5°	245.4	245.4	247.2	247.2	254.7	260.3	267.7	273.3	275.1	275.1	275.1
20°	238.0	247.2	256.5	265.8	280.7	295.6	308.6	323.5	325.3	327.2	325.3
22.5°	278.9	273.3	265.8	260.3	260.3	260.3	258.4	258.4	260.3	260.3	260.3
25°	271.4	286.3	303.0	317.9	329.0	338.3	349.5	358.8	358.8	356.9	358.8
27.5°	319.7	329.0	338.3	347.6	364.4	379.2	396.0	410.8	414.6	416.4	414.6
30°	379.2	401.5	425.7	448.0	459.2	470.3	481.5	492.6	492.6	492.6	492.6
32.5°	427.6	440.6	453.6	466.6	477.8	490.8	501.9	513.1	513.1	513.1	513.1
35°	449.9	464.8	477.8	492.6	503.8	514.9	524.2	535.4	537.3	537.3	537.3
37.5°	477.8	494.5	513.1	529.8	539.1	546.5	555.8	563.3	565.1	567.0	565.1
40°	516.8	535.4	554.0	572.6	580.0	587.4	593.0	600.5	600.5	600.5	600.5
42.5°	559.6	578.2	598.6	617.2	624.6	632.1	639.5	646.9	648.8	650.7	648.8
45°	606.0	628.3	650.7	673.0	682.3	691.5	699.0	708.3	710.1	712.0	710.1
47.5°	667.4	693.4	721.3	747.3	754.8	762.2	769.6	777.1	777.1	777.1	777.1
50°	732.4	765.9	801.2	834.7	838.4	844.0	847.7	851.4	853.3	853.3	853.3
52.5°	808.7	847.7	884.9	923.9	925.8	929.5	931.4	933.2	933.2	931.4	933.2
55°	901.6	942.5	985.3	1026.2	1026.2	1028.0	1028.0	1028.0	1026.2	1022.5	1026.2
57.5°	1016.9	1057.8	1096.8	1137.7	1135.9	1134.0	1132.1	1130.3	1130.3	1128.4	1130.3
60°	1134.0	1174.9	1213.9	1253.0	1249.3	1243.7	1240.0	1234.4	1232.5	1228.8	1232.5
62.5°	1267.8	1301.3	1332.9	1364.5	1357.1	1349.6	1342.2	1334.8	1334.8	1334.8	1334.8
65°	1409.1	1435.2	1459.3	1483.5	1476.0	1470.5	1463.0	1455.6	1451.9	1448.2	1451.9
67.5°	1550.4	1569.0	1585.7	1604.3	1595.0	1585.7	1576.4	1567.1	1563.4	1557.8	1563.4
70°	1648.9	1667.5	1686.1	1704.7	1695.4	1686.1	1675.0	1665.7	1663.8	1661.9	1663.8
72.5°	1704.7	1727.0	1749.3	1771.6	1766.1	1758.6	1753.0	1745.6	1743.7	1740.0	1743.7
75°	1654.5	1673.1	1689.8	1706.6	1697.3	1688.0	1678.7	1669.4	1663.8	1656.4	1663.8
77.5°	1433.3	1435.2	1435.2	1435.2	1424.0	1412.8	1401.7	1390.5	1386.8	1381.2	1386.8
80°	996.4	957.4	918.3	879.3	842.1	804.9	767.8	730.6	721.3	710.1	721.3
82.5°	314.2	280.7	249.1	215.6	200.8	184.0	169.2	152.4	146.9	139.4	146.9
85°	94.8	89.2	81.8	76.2	70.6	65.1	57.6	52.1	48.3	44.6	48.3
87.5°	9.3	9.3	7.4	5.6	5.6	5.6	5.6	5.6	5.6	3.7	5.6
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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	451.7	451.7	451.7	449.9	449.9	449.9	451.7	451.7	451.7	451.7	449.9
5°	442.4	442.4	440.6	440.6	438.7	435.0	431.3	425.7	422.0	414.6	405.3
7.5°	383.0	381.1	381.1	379.2	377.4	369.9	362.5	353.2	345.8	351.4	355.1
10°	332.8	323.5	314.2	303.0	293.7	291.9	290.0	286.3	284.4	288.1	290.0
12.5°	284.4	275.1	265.8	256.5	247.2	252.8	260.3	265.8	271.4	269.6	267.7
15°	317.9	304.9	291.9	277.0	264.0	256.5	249.1	241.7	234.2	234.2	234.2
17.5°	273.3	267.7	260.3	254.7	247.2	247.2	245.4	245.4	243.5	247.2	252.8
20°	323.5	308.6	295.6	280.7	265.8	256.5	247.2	238.0	228.7	234.2	239.8
22.5°	258.4	258.4	260.3	260.3	260.3	265.8	273.3	278.9	284.4	275.1	264.0
25°	358.8	349.5	338.3	329.0	317.9	303.0	286.3	271.4	254.7	264.0	273.3
27.5°	410.8	396.0	379.2	364.4	347.6	338.3	329.0	319.7	310.5	303.0	297.4
30°	492.6	481.5	470.3	459.2	448.0	425.7	401.5	379.2	355.1	345.8	338.3
32.5°	513.1	501.9	490.8	477.8	466.6	453.6	440.6	427.6	414.6	397.8	379.2
35°	535.4	524.2	514.9	503.8	492.6	477.8	464.8	449.9	435.0	422.0	407.1
37.5°	563.3	555.8	546.5	539.1	529.8	513.1	494.5	477.8	459.2	442.4	427.6
40°	600.5	593.0	587.4	580.0	572.6	554.0	535.4	516.8	498.2	477.8	457.3
42.5°	646.9	639.5	632.1	624.6	617.2	598.6	578.2	559.6	539.1	516.8	496.4
45°	708.3	699.0	691.5	682.3	673.0	650.7	628.3	606.0	583.7	561.4	539.1
47.5°	777.1	769.6	762.2	754.8	747.3	721.3	693.4	667.4	639.5	617.2	594.9
50°	851.4	847.7	844.0	838.4	834.7	801.2	765.9	732.4	697.1	674.8	652.5
52.5°	933.2	931.4	929.5	925.8	923.9	884.9	847.7	808.7	769.6	749.2	726.9
55°	1028.0	1028.0	1028.0	1026.2	1026.2	985.3	942.5	901.6	858.9	838.4	818.0
57.5°	1130.3	1132.1	1134.0	1135.9	1137.7	1096.8	1057.8	1016.9	976.0	953.7	933.2
60°	1234.4	1240.0	1243.7	1249.3	1253.0	1213.9	1174.9	1134.0	1095.0	1076.4	1055.9
62.5°	1334.8	1342.2	1349.6	1357.1	1364.5	1332.9	1301.3	1267.8	1236.2	1213.9	1193.5
65°	1455.6	1463.0	1470.5	1476.0	1483.5	1459.3	1435.2	1409.1	1385.0	1362.7	1340.3
67.5°	1567.1	1576.4	1585.7	1595.0	1604.3	1585.7	1569.0	1550.4	1531.8	1505.8	1481.6
70°	1665.7	1675.0	1686.1	1695.4	1704.7	1686.1	1667.5	1648.9	1630.3	1608.0	1585.7
72.5°	1745.6	1753.0	1758.6	1766.1	1771.6	1749.3	1727.0	1704.7	1682.4	1656.4	1632.2
75°	1669.4	1678.7	1688.0	1697.3	1706.6	1689.8	1673.1	1654.5	1637.8	1619.2	1600.6
77.5°	1390.5	1401.7	1412.8	1424.0	1435.2	1435.2	1435.2	1433.3	1433.3	1437.0	1438.9
80°	730.6	767.8	804.9	842.1	879.3	918.3	957.4	996.4	1035.5	1068.9	1102.4
82.5°	152.4	169.2	184.0	200.8	215.6	249.1	280.7	314.2	345.8	422.0	498.2
85°	52.1	57.6	65.1	70.6	76.2	81.8	89.2	94.8	100.4	126.4	152.4
87.5°	5.6	5.6	5.6	5.6	5.6	7.4	9.3	9.3	11.2	13.0	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: P560639

CATALOG NUMBER: SDL-PA1-50-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	449.9	448.0	448.0	446.2	446.2	444.3	442.4	440.6	438.7	436.9	435.0
5°	397.8	388.5	386.7	384.8	383.0	381.1	381.1	381.1	381.1	381.1	381.1
7.5°	360.6	364.4	366.2	368.1	368.1	369.9	369.9	371.8	371.8	371.8	369.9
10°	293.7	295.6	301.2	306.7	310.5	316.0	316.0	316.0	314.2	314.2	323.5
12.5°	265.8	264.0	267.7	271.4	275.1	278.9	291.9	304.9	316.0	329.0	336.5
15°	232.4	232.4	234.2	238.0	239.8	241.7	249.1	254.7	262.1	267.7	278.9
17.5°	256.5	260.3	251.0	241.7	230.5	221.2	239.8	258.4	277.0	295.6	304.9
20°	243.5	249.1	256.5	262.1	269.6	275.1	277.0	277.0	278.9	278.9	278.9
22.5°	254.7	243.5	252.8	264.0	273.3	282.6	278.9	275.1	271.4	267.7	284.4
25°	282.6	291.9	284.4	277.0	269.6	262.1	277.0	293.7	308.6	323.5	317.9
27.5°	290.0	282.6	291.9	301.2	310.5	319.7	314.2	310.5	304.9	299.3	310.5
30°	329.0	319.7	316.0	312.3	306.7	303.0	312.3	319.7	329.0	336.5	334.6
32.5°	362.5	343.9	343.9	343.9	342.1	342.1	342.1	343.9	343.9	343.9	356.9
35°	394.1	379.2	375.5	371.8	368.1	364.4	368.1	371.8	373.7	377.4	394.1
37.5°	410.8	394.1	394.1	394.1	394.1	394.1	396.0	399.7	401.5	403.4	422.0
40°	436.9	416.4	418.3	422.0	423.9	425.7	429.4	435.0	438.7	442.4	459.2
42.5°	474.0	451.7	453.6	457.3	459.2	461.0	468.5	474.0	481.5	487.1	505.6
45°	516.8	494.5	498.2	500.1	503.8	505.6	513.1	520.5	526.1	533.5	557.7
47.5°	570.7	548.4	554.0	557.7	563.3	567.0	572.6	576.3	581.9	585.6	611.6
50°	630.2	607.9	615.3	622.8	630.2	637.6	639.5	639.5	641.4	641.4	674.8
52.5°	706.4	684.1	691.5	700.8	708.3	715.7	719.4	723.2	725.0	728.7	762.2
55°	795.7	775.2	786.4	797.5	808.7	819.8	821.7	823.5	823.5	825.4	858.9
57.5°	910.9	888.6	903.5	920.2	935.1	950.0	950.0	948.1	948.1	946.2	979.7
60°	1037.3	1016.9	1035.5	1055.9	1074.5	1093.1	1087.5	1081.9	1074.5	1068.9	1106.1
62.5°	1171.2	1148.9	1176.7	1204.6	1232.5	1260.4	1249.3	1240.0	1228.8	1217.6	1256.7
65°	1316.2	1293.9	1327.3	1360.8	1394.3	1427.7	1407.3	1386.8	1364.5	1344.1	1388.7
67.5°	1455.6	1429.6	1464.9	1498.4	1533.7	1567.1	1543.0	1518.8	1494.6	1470.5	1522.5
70°	1563.4	1541.1	1572.7	1604.3	1635.9	1667.5	1643.4	1619.2	1595.0	1570.9	1634.1
72.5°	1606.2	1580.2	1619.2	1660.1	1699.1	1738.2	1714.0	1689.8	1663.8	1639.6	1704.7
75°	1582.0	1563.4	1617.3	1669.4	1723.3	1775.3	1740.0	1704.7	1669.4	1634.1	1691.7
77.5°	1442.6	1444.4	1520.7	1595.0	1671.2	1745.6	1682.4	1619.2	1556.0	1492.8	1520.7
80°	1135.9	1169.3	1256.7	1344.1	1429.6	1516.9	1425.9	1336.6	1245.5	1154.4	1135.9
82.5°	572.6	648.8	745.5	844.0	940.7	1037.3	946.2	857.0	765.9	674.8	617.2
85°	178.5	204.5	243.5	282.6	321.6	360.6	314.2	267.7	221.2	174.7	156.2
87.5°	14.9	16.7	16.7	14.9	14.9	13.0	14.9	16.7	16.7	18.6	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3	457.3
2.5°	433.1	429.4	427.6	422.0	416.4	410.8	405.3	405.3	407.1	407.1	407.1
5°	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	383.0	383.0	383.0
7.5°	368.1	366.2	364.4	362.5	362.5	360.6	358.8	353.2	345.8	340.2	332.8
10°	334.6	343.9	353.2	356.9	360.6	362.5	366.2	366.2	368.1	368.1	368.1
12.5°	345.8	353.2	360.6	358.8	356.9	355.1	353.2	345.8	336.5	329.0	319.7
15°	290.0	299.3	310.5	323.5	338.3	351.4	364.4	366.2	368.1	369.9	371.8
17.5°	316.0	325.3	334.6	338.3	343.9	347.6	351.4	343.9	334.6	327.2	317.9
20°	277.0	277.0	275.1	297.4	321.6	343.9	366.2	369.9	373.7	375.5	379.2
22.5°	299.3	316.0	330.9	329.0	327.2	325.3	323.5	323.5	323.5	321.6	321.6
25°	314.2	308.6	303.0	323.5	342.1	362.5	381.1	384.8	388.5	390.4	394.1
27.5°	323.5	334.6	345.8	342.1	338.3	332.8	329.0	330.9	334.6	336.5	338.3
30°	334.6	332.8	330.9	351.4	369.9	390.4	409.0	410.8	412.7	412.7	414.6
32.5°	368.1	381.1	392.2	401.5	412.7	422.0	431.3	448.0	466.6	483.3	500.1
35°	410.8	425.7	442.4	461.0	479.6	498.2	516.8	520.5	526.1	529.8	533.5
37.5°	438.7	457.3	474.0	494.5	514.9	533.5	554.0	557.7	559.6	563.3	565.1
40°	475.9	492.6	509.4	531.7	554.0	574.4	596.7	600.5	602.3	606.0	607.9
42.5°	522.4	541.0	557.7	580.0	600.5	622.8	643.2	645.1	648.8	650.7	652.5
45°	580.0	604.2	626.5	646.9	665.5	686.0	704.6	706.4	708.3	708.3	710.1
47.5°	637.6	661.8	687.8	708.3	728.7	747.3	767.8	771.5	773.3	777.1	778.9
50°	706.4	739.9	771.5	790.1	810.5	829.1	847.7	849.6	853.3	855.1	857.0
52.5°	793.8	827.3	858.9	877.4	897.9	916.5	935.1	936.9	936.9	938.8	938.8
55°	892.3	925.8	959.2	977.8	996.4	1015.0	1033.6	1033.6	1033.6	1031.7	1031.7
57.5°	1013.2	1044.8	1078.2	1096.8	1115.4	1134.0	1152.6	1152.6	1152.6	1152.6	1152.6
60°	1145.1	1182.3	1219.5	1236.2	1253.0	1269.7	1286.4	1282.7	1277.1	1273.4	1267.8
62.5°	1293.9	1332.9	1370.1	1383.1	1394.3	1407.3	1418.4	1412.8	1405.4	1399.8	1392.4
65°	1433.3	1477.9	1522.5	1531.8	1541.1	1548.6	1557.8	1548.6	1539.3	1528.1	1518.8
67.5°	1574.6	1624.8	1676.8	1680.5	1684.3	1688.0	1691.7	1682.4	1673.1	1661.9	1652.7
70°	1697.3	1760.5	1823.7	1825.5	1827.4	1829.3	1831.1	1821.8	1812.5	1801.4	1792.1
72.5°	1767.9	1833.0	1896.2	1901.8	1905.5	1911.1	1914.8	1905.5	1898.0	1888.7	1879.5
75°	1747.5	1805.1	1860.9	1855.3	1849.7	1842.3	1836.7	1821.8	1807.0	1790.2	1775.3
77.5°	1548.6	1574.6	1602.5	1572.7	1541.1	1511.4	1479.8	1464.9	1448.2	1433.3	1416.6
80°	1117.3	1096.8	1078.2	1022.5	966.7	909.1	853.3	816.1	778.9	741.7	704.6
82.5°	561.4	503.8	446.2	396.0	345.8	293.7	243.5	224.9	204.5	185.9	165.5
85°	139.4	120.8	102.2	94.8	87.4	79.9	72.5	63.2	55.8	46.5	37.2
87.5°	16.7	14.9	13.0	11.2	11.2	9.3	7.4	7.4	7.4	5.6	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	457.3	457.3
2.5°	407.1	405.3
5°	383.0	383.0
7.5°	330.9	327.2
10°	368.1	368.1
12.5°	321.6	323.5
15°	371.8	371.8
17.5°	317.9	316.0
20°	379.2	379.2
22.5°	321.6	321.6
25°	394.1	392.2
27.5°	338.3	338.3
30°	414.6	414.6
32.5°	501.9	503.8
35°	535.4	535.4
37.5°	567.0	567.0
40°	607.9	606.0
42.5°	654.4	654.4
45°	712.0	712.0
47.5°	780.8	782.6
50°	857.0	857.0
52.5°	938.8	936.9
55°	1031.7	1031.7
57.5°	1147.0	1139.6
60°	1266.0	1264.1
62.5°	1390.5	1386.8
65°	1516.9	1513.2
67.5°	1650.8	1647.1
70°	1792.1	1790.2
72.5°	1873.9	1868.3
75°	1771.6	1767.9
77.5°	1401.7	1385.0
80°	695.3	686.0
82.5°	165.5	165.5
85°	35.3	33.5
87.5°	5.6	5.6
90°	0.0	0.0

(END OF REPORT)