

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: P560507

Luminaire Tested: **SDL-PA1-50-727-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560507
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-PA1-50-727-U-5WQ
Description: Springdale
(1) 70 CRI, 2700K, 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: 5558.9 lumens
Efficiency: N/A
Efficacy: 106.1 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

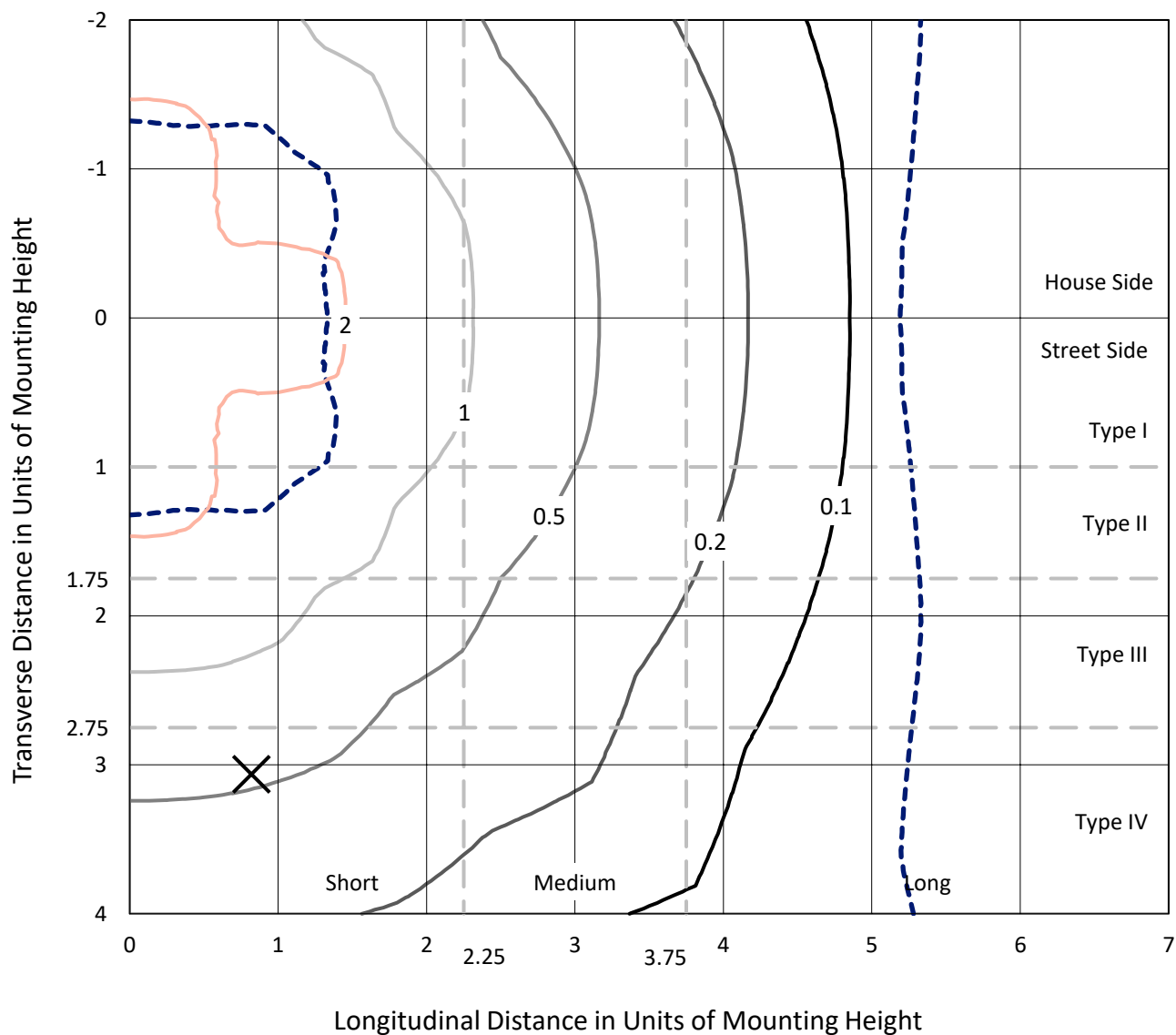


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

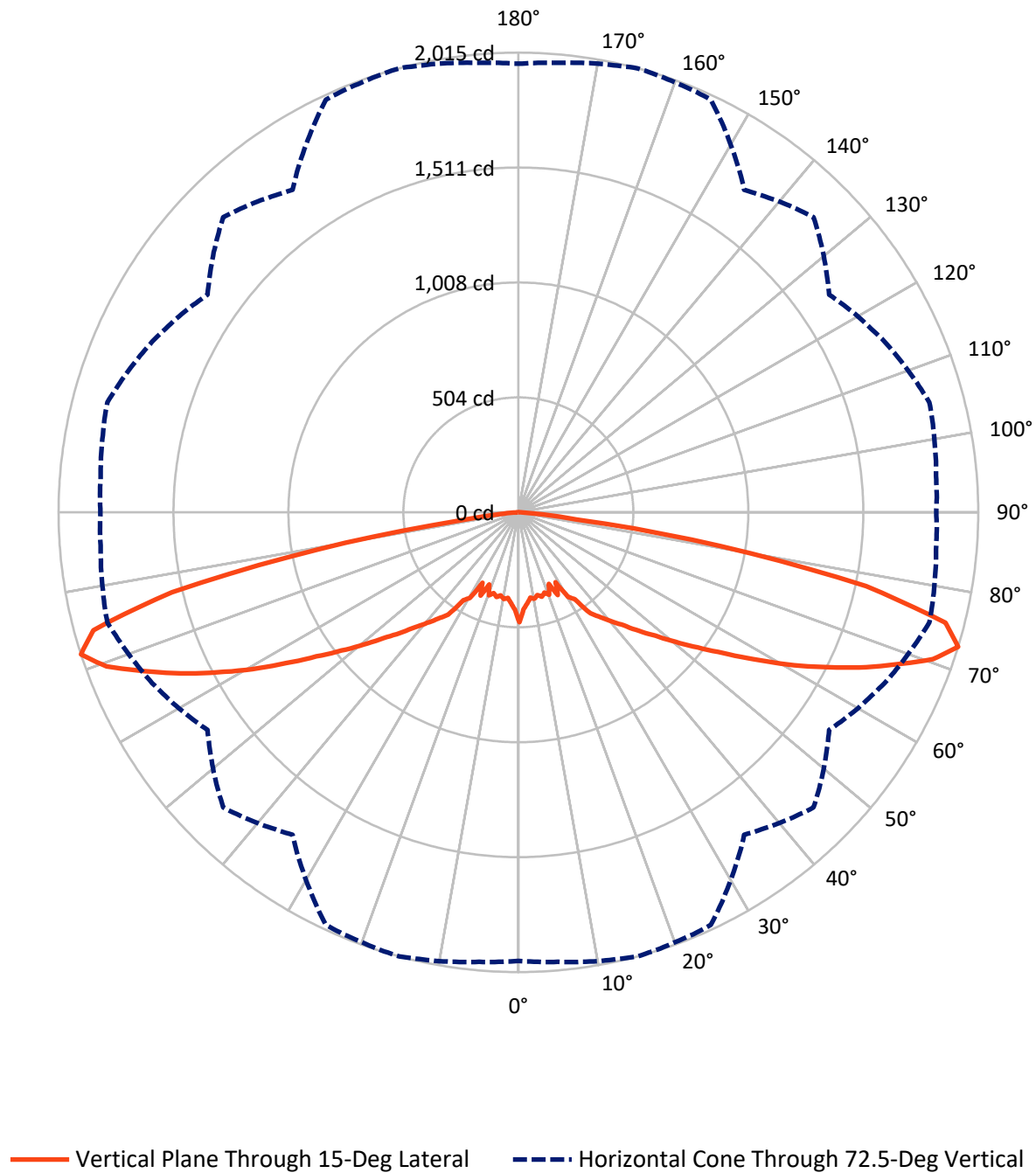


Based on 10 foot mounting height. Maximum calculated value = 4.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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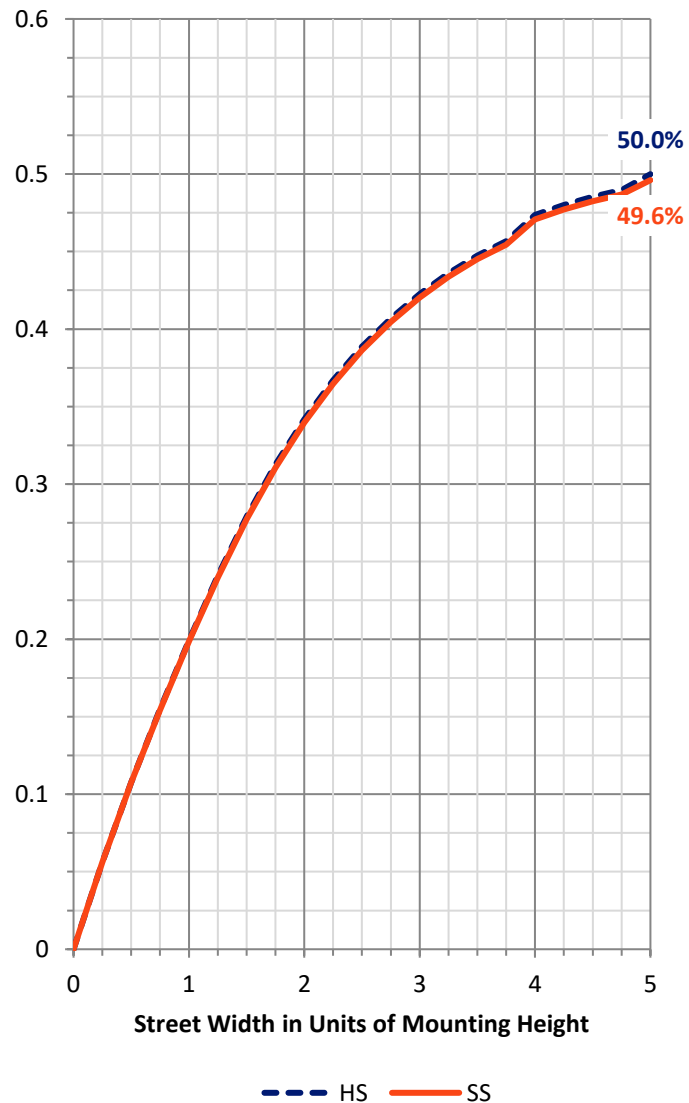
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2779.5	0.0	2779.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2779.5	0.0	2779.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5558.9	0.0	5558.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.8	0.7
10°-20°	87.8	1.6
20°-30°	156.6	2.8
30°-40°	299.5	5.4
40°-50°	510.1	9.2
50°-60°	893.0	16.1
60°-70°	1506.7	27.1
70°-80°	1757.5	31.6
80°-90°	310.0	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°	5558.9	100.0
0°-180°	5558.9	100.0

Coefficient of Utilization



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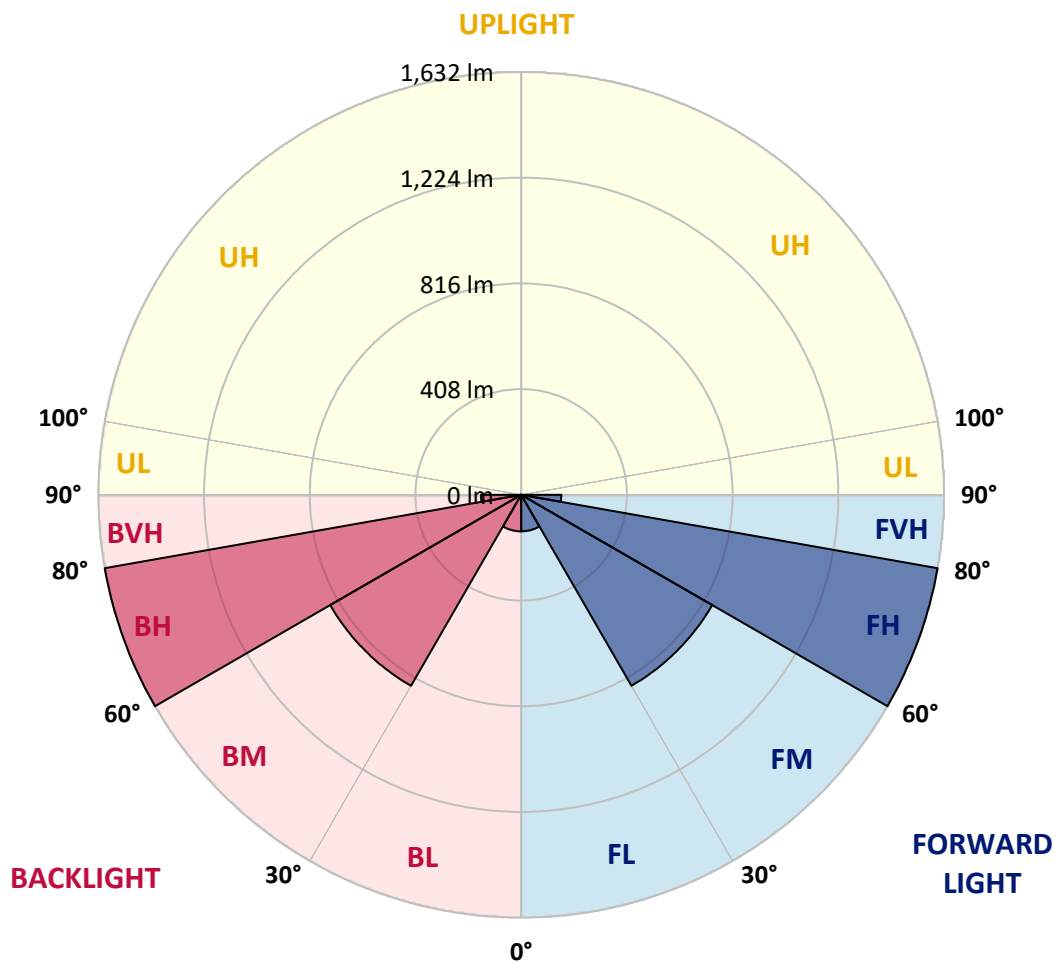
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	141.1	2.5			
FM	(30°-60°)	851.3	15.3			
FH	(60°-80°)	1632.1	29.4			G1/1800
FVH	(80°-90°)	155.0	2.8			G2/225
BL	(0°-30°)	141.1	2.5	B1/500		
BM	(30°-60°)	851.3	15.3	B1/1000		
BH	(60°-80°)	1632.1	29.4	B3/2500		G1/1800
BVH	(80°-90°)	155.0	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°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	426.5	428.5	428.5	428.5	428.5	426.5	426.5	432.4	438.3	444.1	450.0
5°	403.0	403.0	403.0	403.0	403.0	401.1	401.1	401.1	401.1	401.1	401.1
7.5°	344.3	348.3	350.2	358.0	363.9	371.7	377.6	379.6	381.5	381.5	383.5
10°	387.4	387.4	387.4	387.4	387.4	385.4	385.4	381.5	379.6	375.6	371.7
12.5°	340.4	338.5	336.5	346.3	354.1	363.9	371.7	373.7	375.6	377.6	379.6
15°	391.3	391.3	391.3	389.3	387.4	385.4	383.5	369.8	356.1	340.4	326.7
17.5°	332.6	334.6	334.6	344.3	352.2	361.9	369.8	365.9	361.9	356.1	352.2
20°	399.1	399.1	399.1	395.2	393.3	389.3	385.4	361.9	338.5	313.0	289.6
22.5°	338.5	338.5	338.5	338.5	340.4	340.4	340.4	342.4	344.3	346.3	348.3
25°	412.8	414.8	414.8	410.9	408.9	405.0	401.1	381.5	360.0	340.4	318.9
27.5°	356.1	356.1	356.1	354.1	352.2	348.3	346.3	350.2	356.1	360.0	363.9
30°	436.3	436.3	436.3	434.3	434.3	432.4	430.4	410.9	389.3	369.8	348.3
32.5°	530.2	528.2	526.3	508.7	491.1	471.5	453.9	444.1	434.3	422.6	412.8
35°	563.5	563.5	561.5	557.6	553.7	547.8	543.9	524.3	504.8	485.2	465.6
37.5°	596.7	596.7	594.8	592.8	588.9	586.9	583.0	561.5	541.9	520.4	498.9
40°	637.8	639.8	639.8	637.8	633.9	631.9	628.0	604.6	583.0	559.6	536.1
42.5°	688.7	688.7	686.7	684.8	682.8	678.9	676.9	655.4	631.9	610.4	586.9
45°	749.3	749.3	747.4	745.4	745.4	743.5	741.5	721.9	700.4	680.9	659.3
47.5°	823.7	821.7	819.8	817.8	813.9	811.9	808.0	786.5	766.9	745.4	723.9
50°	901.9	901.9	901.9	900.0	898.0	894.1	892.2	872.6	853.0	831.5	811.9
52.5°	986.1	988.0	988.0	988.0	986.1	986.1	984.1	964.5	945.0	923.5	903.9
55°	1085.8	1085.8	1085.8	1085.8	1087.8	1087.8	1087.8	1068.2	1048.7	1029.1	1009.5
57.5°	1199.3	1207.1	1213.0	1213.0	1213.0	1213.0	1213.0	1193.5	1173.9	1154.3	1134.8
60°	1330.4	1332.4	1334.3	1340.2	1344.1	1350.0	1353.9	1336.3	1318.7	1301.1	1283.5
62.5°	1459.5	1463.4	1465.4	1473.2	1479.1	1486.9	1492.8	1481.1	1467.4	1455.6	1441.9
65°	1592.6	1596.5	1598.4	1608.2	1620.0	1629.7	1639.5	1629.7	1621.9	1612.1	1602.4
67.5°	1733.4	1737.4	1739.3	1749.1	1760.8	1770.6	1780.4	1776.5	1772.6	1768.7	1764.7
70°	1884.1	1886.0	1886.0	1895.8	1907.6	1917.4	1927.1	1925.2	1923.2	1921.3	1919.3
72.5°	1966.3	1972.1	1978.0	1987.8	1997.6	2005.4	2015.2	2011.3	2005.4	2001.5	1995.6
75°	1860.6	1864.5	1868.4	1884.1	1901.7	1917.4	1933.0	1938.9	1946.7	1952.6	1958.4
77.5°	1457.6	1475.2	1490.8	1508.4	1524.1	1541.7	1557.4	1590.6	1621.9	1655.2	1686.5
80°	721.9	731.7	741.5	780.6	819.8	858.9	898.0	956.7	1017.4	1076.1	1134.8
82.5°	174.1	174.1	174.1	195.6	215.2	236.7	256.3	309.1	363.9	416.7	469.6
85°	35.2	37.2	39.1	48.9	58.7	66.5	76.3	84.1	92.0	99.8	107.6
87.5°	5.9	5.9	5.9	5.9	7.8	7.8	7.8	9.8	11.7	11.7	13.7
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	451.9	455.9	457.8	459.8	461.7	463.7	465.6	467.6	469.6	469.6	471.5
5°	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	403.0	405.0	406.9
7.5°	385.4	387.4	389.3	391.3	391.3	391.3	389.3	389.3	387.4	387.4	385.4
10°	361.9	352.2	340.4	330.6	330.6	332.6	332.6	332.6	326.7	322.8	316.9
12.5°	371.7	363.9	354.1	346.3	332.6	320.9	307.2	293.5	289.6	285.6	281.7
15°	315.0	305.2	293.5	281.7	275.9	268.0	262.2	254.3	252.4	250.4	246.5
17.5°	342.4	332.6	320.9	311.1	291.5	272.0	252.4	232.8	242.6	254.3	264.1
20°	291.5	291.5	293.5	293.5	293.5	291.5	291.5	289.6	283.7	275.9	270.0
22.5°	332.6	315.0	299.3	281.7	285.6	289.6	293.5	297.4	287.6	277.8	266.1
25°	324.8	330.6	334.6	340.4	324.8	309.1	291.5	275.9	283.7	291.5	299.3
27.5°	352.2	340.4	326.7	315.0	320.9	326.7	330.6	336.5	326.7	316.9	307.2
30°	350.2	352.2	352.2	354.1	346.3	336.5	328.7	318.9	322.8	328.7	332.6
32.5°	401.1	387.4	375.6	361.9	361.9	361.9	360.0	360.0	360.0	361.9	361.9
35°	448.0	432.4	414.8	397.2	393.3	391.3	387.4	383.5	387.4	391.3	395.2
37.5°	481.3	461.7	444.1	424.6	422.6	420.6	416.7	414.8	414.8	414.8	414.8
40°	518.5	500.9	483.3	465.6	461.7	457.8	451.9	448.0	446.1	444.1	440.2
42.5°	569.3	549.8	532.2	512.6	506.7	498.9	493.0	485.2	483.3	481.3	477.4
45°	635.9	610.4	586.9	561.5	553.7	547.8	540.0	532.2	530.2	526.3	524.3
47.5°	696.5	671.1	643.7	616.3	612.4	606.5	602.6	596.7	592.8	586.9	583.0
50°	778.7	743.5	710.2	675.0	675.0	673.0	673.0	671.1	663.2	655.4	647.6
52.5°	870.6	835.4	802.2	766.9	763.0	761.1	757.2	753.2	745.4	737.6	727.8
55°	974.3	939.1	903.9	868.7	866.7	866.7	864.8	862.8	851.1	839.3	827.6
57.5°	1099.5	1066.3	1031.1	995.8	997.8	997.8	999.8	999.8	984.1	968.5	950.8
60°	1244.3	1205.2	1164.1	1125.0	1130.8	1138.7	1144.5	1150.4	1130.8	1111.3	1089.8
62.5°	1402.8	1361.7	1322.6	1281.5	1293.2	1305.0	1314.8	1326.5	1297.1	1267.8	1238.5
65°	1555.4	1508.4	1461.5	1414.5	1436.1	1459.5	1481.1	1502.6	1467.4	1432.1	1396.9
67.5°	1710.0	1657.1	1602.4	1547.6	1573.0	1598.4	1623.9	1649.3	1614.1	1576.9	1541.7
70°	1852.8	1786.3	1719.7	1653.2	1678.7	1704.1	1729.5	1755.0	1721.7	1688.4	1655.2
72.5°	1929.1	1860.6	1794.1	1725.6	1751.0	1778.4	1803.9	1829.3	1788.2	1747.1	1704.1
75°	1899.7	1839.1	1780.4	1719.7	1756.9	1794.1	1831.3	1868.4	1813.7	1756.9	1702.1
77.5°	1657.1	1629.7	1600.4	1571.1	1637.6	1704.1	1770.6	1837.1	1758.9	1678.7	1600.4
80°	1154.3	1175.8	1195.4	1215.0	1310.8	1406.7	1500.6	1596.5	1504.5	1414.5	1322.6
82.5°	530.2	590.9	649.6	710.2	806.1	901.9	995.8	1091.7	990.0	888.2	784.5
85°	127.2	146.7	164.3	183.9	232.8	281.7	330.6	379.6	338.5	297.4	256.3
87.5°	15.7	17.6	17.6	19.6	17.6	17.6	15.7	13.7	15.7	15.7	17.6
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	471.5	473.5	473.5	475.4	475.4	475.4	475.4	473.5	473.5	473.5	475.4
5°	408.9	418.7	426.5	436.3	444.1	448.0	453.9	457.8	461.7	463.7	463.7
7.5°	383.5	379.6	373.7	369.8	363.9	371.7	381.5	389.3	397.2	399.1	401.1
10°	311.1	309.1	305.2	303.3	299.3	301.3	305.2	307.2	309.1	318.9	330.6
12.5°	277.8	279.8	281.7	283.7	285.6	279.8	273.9	266.1	260.2	270.0	279.8
15°	244.6	244.6	246.5	246.5	246.5	254.3	262.2	270.0	277.8	291.5	307.2
17.5°	273.9	270.0	266.1	260.2	256.3	258.3	258.3	260.2	260.2	268.0	273.9
20°	262.2	256.3	252.4	246.5	240.6	250.4	260.2	270.0	279.8	295.4	311.1
22.5°	256.3	268.0	277.8	289.6	299.3	293.5	287.6	279.8	273.9	273.9	273.9
25°	307.2	297.4	287.6	277.8	268.0	285.6	301.3	318.9	334.6	346.3	356.1
27.5°	297.4	305.2	313.0	318.9	326.7	336.5	346.3	356.1	365.9	383.5	399.1
30°	336.5	346.3	356.1	363.9	373.7	399.1	422.6	448.0	471.5	483.3	495.0
32.5°	361.9	381.5	399.1	418.7	436.3	450.0	463.7	477.4	491.1	502.8	516.5
35°	399.1	414.8	428.5	444.1	457.8	473.5	489.1	502.8	518.5	530.2	541.9
37.5°	414.8	432.4	450.0	465.6	483.3	502.8	520.4	540.0	557.6	567.4	575.2
40°	438.3	459.8	481.3	502.8	524.3	543.9	563.5	583.0	602.6	610.4	618.2
42.5°	475.4	498.9	522.4	543.9	567.4	588.9	608.5	630.0	649.6	657.4	665.2
45°	520.4	543.9	567.4	590.9	614.3	637.8	661.3	684.8	708.2	718.0	727.8
47.5°	577.2	600.6	626.1	649.6	673.0	702.4	729.8	759.1	786.5	794.3	802.2
50°	639.8	663.2	686.7	710.2	733.7	770.9	806.1	843.2	878.5	882.4	888.2
52.5°	720.0	743.5	765.0	788.5	810.0	851.1	892.2	931.3	972.4	974.3	978.2
55°	815.9	837.4	860.9	882.4	903.9	948.9	991.9	1036.9	1080.0	1080.0	1081.9
57.5°	935.2	958.7	982.2	1003.7	1027.2	1070.2	1113.2	1154.3	1197.4	1195.4	1193.5
60°	1070.2	1091.7	1111.3	1132.8	1152.4	1193.5	1236.5	1277.6	1318.7	1314.8	1308.9
62.5°	1209.1	1232.6	1256.1	1277.6	1301.1	1334.3	1369.5	1402.8	1436.1	1428.2	1420.4
65°	1361.7	1385.2	1410.6	1434.1	1457.6	1483.0	1510.4	1535.8	1561.3	1553.4	1547.6
67.5°	1504.5	1531.9	1559.3	1584.7	1612.1	1631.7	1651.3	1668.9	1688.4	1678.7	1668.9
70°	1621.9	1645.4	1668.9	1692.4	1715.8	1735.4	1755.0	1774.5	1794.1	1784.3	1774.5
72.5°	1663.0	1690.4	1717.8	1743.2	1770.6	1794.1	1817.6	1841.0	1864.5	1858.7	1850.8
75°	1645.4	1665.0	1684.5	1704.1	1723.7	1741.3	1760.8	1778.4	1796.0	1786.3	1776.5
77.5°	1520.2	1518.2	1514.3	1512.4	1508.4	1508.4	1510.4	1510.4	1510.4	1498.7	1486.9
80°	1230.6	1195.4	1160.2	1125.0	1089.8	1048.7	1007.6	966.5	925.4	886.3	847.2
82.5°	682.8	602.6	524.3	444.1	363.9	330.6	295.4	262.2	227.0	211.3	193.7
85°	215.2	187.8	160.4	133.0	105.6	99.8	93.9	86.1	80.2	74.3	68.5
87.5°	17.6	15.7	15.7	13.7	11.7	9.8	9.8	7.8	5.9	5.9	5.9
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°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	475.4	475.4	475.4	475.4	475.4	475.4	475.4	475.4	473.5	473.5	473.5
5°	465.6	465.6	465.6	465.6	465.6	465.6	465.6	463.7	463.7	461.7	457.8
7.5°	401.1	403.0	403.0	401.1	403.0	403.0	401.1	401.1	399.1	397.2	389.3
10°	340.4	350.2	350.2	350.2	350.2	350.2	340.4	330.6	318.9	309.1	307.2
12.5°	289.6	299.3	299.3	299.3	299.3	299.3	289.6	279.8	270.0	260.2	266.1
15°	320.9	334.6	334.6	334.6	334.6	334.6	320.9	307.2	291.5	277.8	270.0
17.5°	281.7	287.6	289.6	289.6	289.6	287.6	281.7	273.9	268.0	260.2	260.2
20°	324.8	340.4	342.4	344.3	342.4	340.4	324.8	311.1	295.4	279.8	270.0
22.5°	272.0	272.0	273.9	273.9	273.9	272.0	272.0	273.9	273.9	273.9	279.8
25°	367.8	377.6	377.6	375.6	377.6	377.6	367.8	356.1	346.3	334.6	318.9
27.5°	416.7	432.4	436.3	438.3	436.3	432.4	416.7	399.1	383.5	365.9	356.1
30°	506.7	518.5	518.5	518.5	518.5	518.5	506.7	495.0	483.3	471.5	448.0
32.5°	528.2	540.0	540.0	540.0	540.0	540.0	528.2	516.5	502.8	491.1	477.4
35°	551.7	563.5	565.4	565.4	565.4	563.5	551.7	541.9	530.2	518.5	502.8
37.5°	585.0	592.8	594.8	596.7	594.8	592.8	585.0	575.2	567.4	557.6	540.0
40°	624.1	631.9	631.9	631.9	631.9	631.9	624.1	618.2	610.4	602.6	583.0
42.5°	673.0	680.9	682.8	684.8	682.8	680.9	673.0	665.2	657.4	649.6	630.0
45°	735.6	745.4	747.4	749.3	747.4	745.4	735.6	727.8	718.0	708.2	684.8
47.5°	810.0	817.8	817.8	817.8	817.8	817.8	810.0	802.2	794.3	786.5	759.1
50°	892.2	896.1	898.0	898.0	898.0	896.1	892.2	888.2	882.4	878.5	843.2
52.5°	980.2	982.2	982.2	980.2	982.2	982.2	980.2	978.2	974.3	972.4	931.3
55°	1081.9	1081.9	1080.0	1076.1	1080.0	1081.9	1081.9	1081.9	1080.0	1080.0	1036.9
57.5°	1191.5	1189.5	1189.5	1187.6	1189.5	1189.5	1191.5	1193.5	1195.4	1197.4	1154.3
60°	1305.0	1299.1	1297.1	1293.2	1297.1	1299.1	1305.0	1308.9	1314.8	1318.7	1277.6
62.5°	1412.6	1404.8	1404.8	1404.8	1404.8	1404.8	1412.6	1420.4	1428.2	1436.1	1402.8
65°	1539.7	1531.9	1528.0	1524.1	1528.0	1531.9	1539.7	1547.6	1553.4	1561.3	1535.8
67.5°	1659.1	1649.3	1645.4	1639.5	1645.4	1649.3	1659.1	1668.9	1678.7	1688.4	1668.9
70°	1762.8	1753.0	1751.0	1749.1	1751.0	1753.0	1762.8	1774.5	1784.3	1794.1	1774.5
72.5°	1845.0	1837.1	1835.2	1831.3	1835.2	1837.1	1845.0	1850.8	1858.7	1864.5	1841.0
75°	1766.7	1756.9	1751.0	1743.2	1751.0	1756.9	1766.7	1776.5	1786.3	1796.0	1778.4
77.5°	1475.2	1463.4	1459.5	1453.7	1459.5	1463.4	1475.2	1486.9	1498.7	1510.4	1510.4
80°	808.0	768.9	759.1	747.4	759.1	768.9	808.0	847.2	886.3	925.4	966.5
82.5°	178.0	160.4	154.6	146.7	154.6	160.4	178.0	193.7	211.3	227.0	262.2
85°	60.7	54.8	50.9	47.0	50.9	54.8	60.7	68.5	74.3	80.2	86.1
87.5°	5.9	5.9	5.9	3.9	5.9	5.9	5.9	5.9	5.9	5.9	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	475.4	475.4	475.4	475.4	473.5	473.5	471.5	471.5	469.6	469.6	467.6
5°	453.9	448.0	444.1	436.3	426.5	418.7	408.9	406.9	405.0	403.0	401.1
7.5°	381.5	371.7	363.9	369.8	373.7	379.6	383.5	385.4	387.4	387.4	389.3
10°	305.2	301.3	299.3	303.3	305.2	309.1	311.1	316.9	322.8	326.7	332.6
12.5°	273.9	279.8	285.6	283.7	281.7	279.8	277.8	281.7	285.6	289.6	293.5
15°	262.2	254.3	246.5	246.5	246.5	244.6	244.6	246.5	250.4	252.4	254.3
17.5°	258.3	258.3	256.3	260.2	266.1	270.0	273.9	264.1	254.3	242.6	232.8
20°	260.2	250.4	240.6	246.5	252.4	256.3	262.2	270.0	275.9	283.7	289.6
22.5°	287.6	293.5	299.3	289.6	277.8	268.0	256.3	266.1	277.8	287.6	297.4
25°	301.3	285.6	268.0	277.8	287.6	297.4	307.2	299.3	291.5	283.7	275.9
27.5°	346.3	336.5	326.7	318.9	313.0	305.2	297.4	307.2	316.9	326.7	336.5
30°	422.6	399.1	373.7	363.9	356.1	346.3	336.5	332.6	328.7	322.8	318.9
32.5°	463.7	450.0	436.3	418.7	399.1	381.5	361.9	361.9	361.9	360.0	360.0
35°	489.1	473.5	457.8	444.1	428.5	414.8	399.1	395.2	391.3	387.4	383.5
37.5°	520.4	502.8	483.3	465.6	450.0	432.4	414.8	414.8	414.8	414.8	414.8
40°	563.5	543.9	524.3	502.8	481.3	459.8	438.3	440.2	444.1	446.1	448.0
42.5°	608.5	588.9	567.4	543.9	522.4	498.9	475.4	477.4	481.3	483.3	485.2
45°	661.3	637.8	614.3	590.9	567.4	543.9	520.4	524.3	526.3	530.2	532.2
47.5°	729.8	702.4	673.0	649.6	626.1	600.6	577.2	583.0	586.9	592.8	596.7
50°	806.1	770.9	733.7	710.2	686.7	663.2	639.8	647.6	655.4	663.2	671.1
52.5°	892.2	851.1	810.0	788.5	765.0	743.5	720.0	727.8	737.6	745.4	753.2
55°	991.9	948.9	903.9	882.4	860.9	837.4	815.9	827.6	839.3	851.1	862.8
57.5°	1113.2	1070.2	1027.2	1003.7	982.2	958.7	935.2	950.8	968.5	984.1	999.8
60°	1236.5	1193.5	1152.4	1132.8	1111.3	1091.7	1070.2	1089.8	1111.3	1130.8	1150.4
62.5°	1369.5	1334.3	1301.1	1277.6	1256.1	1232.6	1209.1	1238.5	1267.8	1297.1	1326.5
65°	1510.4	1483.0	1457.6	1434.1	1410.6	1385.2	1361.7	1396.9	1432.1	1467.4	1502.6
67.5°	1651.3	1631.7	1612.1	1584.7	1559.3	1531.9	1504.5	1541.7	1576.9	1614.1	1649.3
70°	1755.0	1735.4	1715.8	1692.4	1668.9	1645.4	1621.9	1655.2	1688.4	1721.7	1755.0
72.5°	1817.6	1794.1	1770.6	1743.2	1717.8	1690.4	1663.0	1704.1	1747.1	1788.2	1829.3
75°	1760.8	1741.3	1723.7	1704.1	1684.5	1665.0	1645.4	1702.1	1756.9	1813.7	1868.4
77.5°	1510.4	1508.4	1508.4	1512.4	1514.3	1518.2	1520.2	1600.4	1678.7	1758.9	1837.1
80°	1007.6	1048.7	1089.8	1125.0	1160.2	1195.4	1230.6	1322.6	1414.5	1504.5	1596.5
82.5°	295.4	330.6	363.9	444.1	524.3	602.6	682.8	784.5	888.2	990.0	1091.7
85°	93.9	99.8	105.6	133.0	160.4	187.8	215.2	256.3	297.4	338.5	379.6
87.5°	9.8	9.8	11.7	13.7	15.7	15.7	17.6	17.6	15.7	15.7	13.7
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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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	465.6	463.7	461.7	459.8	457.8	455.9	451.9	450.0	444.1	438.3	432.4
5°	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1
7.5°	389.3	391.3	391.3	391.3	389.3	387.4	385.4	383.5	381.5	381.5	379.6
10°	332.6	332.6	330.6	330.6	340.4	352.2	361.9	371.7	375.6	379.6	381.5
12.5°	307.2	320.9	332.6	346.3	354.1	363.9	371.7	379.6	377.6	375.6	373.7
15°	262.2	268.0	275.9	281.7	293.5	305.2	315.0	326.7	340.4	356.1	369.8
17.5°	252.4	272.0	291.5	311.1	320.9	332.6	342.4	352.2	356.1	361.9	365.9
20°	291.5	291.5	293.5	293.5	293.5	291.5	291.5	289.6	313.0	338.5	361.9
22.5°	293.5	289.6	285.6	281.7	299.3	315.0	332.6	348.3	346.3	344.3	342.4
25°	291.5	309.1	324.8	340.4	334.6	330.6	324.8	318.9	340.4	360.0	381.5
27.5°	330.6	326.7	320.9	315.0	326.7	340.4	352.2	363.9	360.0	356.1	350.2
30°	328.7	336.5	346.3	354.1	352.2	352.2	350.2	348.3	369.8	389.3	410.9
32.5°	360.0	361.9	361.9	361.9	375.6	387.4	401.1	412.8	422.6	434.3	444.1
35°	387.4	391.3	393.3	397.2	414.8	432.4	448.0	465.6	485.2	504.8	524.3
37.5°	416.7	420.6	422.6	424.6	444.1	461.7	481.3	498.9	520.4	541.9	561.5
40°	451.9	457.8	461.7	465.6	483.3	500.9	518.5	536.1	559.6	583.0	604.6
42.5°	493.0	498.9	506.7	512.6	532.2	549.8	569.3	586.9	610.4	631.9	655.4
45°	540.0	547.8	553.7	561.5	586.9	610.4	635.9	659.3	680.9	700.4	721.9
47.5°	602.6	606.5	612.4	616.3	643.7	671.1	696.5	723.9	745.4	766.9	786.5
50°	673.0	673.0	675.0	675.0	710.2	743.5	778.7	811.9	831.5	853.0	872.6
52.5°	757.2	761.1	763.0	766.9	802.2	835.4	870.6	903.9	923.5	945.0	964.5
55°	864.8	866.7	866.7	868.7	903.9	939.1	974.3	1009.5	1029.1	1048.7	1068.2
57.5°	999.8	997.8	997.8	995.8	1031.1	1066.3	1099.5	1134.8	1154.3	1173.9	1193.5
60°	1144.5	1138.7	1130.8	1125.0	1164.1	1205.2	1244.3	1283.5	1301.1	1318.7	1336.3
62.5°	1314.8	1305.0	1293.2	1281.5	1322.6	1361.7	1402.8	1441.9	1455.6	1467.4	1481.1
65°	1481.1	1459.5	1436.1	1414.5	1461.5	1508.4	1555.4	1602.4	1612.1	1621.9	1629.7
67.5°	1623.9	1598.4	1573.0	1547.6	1602.4	1657.1	1710.0	1764.7	1768.7	1772.6	1776.5
70°	1729.5	1704.1	1678.7	1653.2	1719.7	1786.3	1852.8	1919.3	1921.3	1923.2	1925.2
72.5°	1803.9	1778.4	1751.0	1725.6	1794.1	1860.6	1929.1	1995.6	2001.5	2005.4	2011.3
75°	1831.3	1794.1	1756.9	1719.7	1780.4	1839.1	1899.7	1958.4	1952.6	1946.7	1938.9
77.5°	1770.6	1704.1	1637.6	1571.1	1600.4	1629.7	1657.1	1686.5	1655.2	1621.9	1590.6
80°	1500.6	1406.7	1310.8	1215.0	1195.4	1175.8	1154.3	1134.8	1076.1	1017.4	956.7
82.5°	995.8	901.9	806.1	710.2	649.6	590.9	530.2	469.6	416.7	363.9	309.1
85°	330.6	281.7	232.8	183.9	164.3	146.7	127.2	107.6	99.8	92.0	84.1
87.5°	15.7	17.6	17.6	19.6	17.6	17.6	15.7	13.7	11.7	11.7	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	426.5	426.5	428.5	428.5	428.5	428.5	426.5	428.5	428.5	428.5	428.5
5°	401.1	401.1	403.0	403.0	403.0	403.0	403.0	403.0	403.0	403.0	403.0
7.5°	377.6	371.7	363.9	358.0	350.2	348.3	344.3	348.3	350.2	358.0	363.9
10°	385.4	385.4	387.4	387.4	387.4	387.4	387.4	387.4	387.4	387.4	387.4
12.5°	371.7	363.9	354.1	346.3	336.5	338.5	340.4	338.5	336.5	346.3	354.1
15°	383.5	385.4	387.4	389.3	391.3	391.3	391.3	391.3	391.3	389.3	387.4
17.5°	369.8	361.9	352.2	344.3	334.6	334.6	332.6	334.6	334.6	344.3	352.2
20°	385.4	389.3	393.3	395.2	399.1	399.1	399.1	399.1	399.1	395.2	393.3
22.5°	340.4	340.4	340.4	338.5	338.5	338.5	338.5	338.5	338.5	338.5	340.4
25°	401.1	405.0	408.9	410.9	414.8	414.8	412.8	414.8	414.8	410.9	408.9
27.5°	346.3	348.3	352.2	354.1	356.1	356.1	356.1	356.1	356.1	354.1	352.2
30°	430.4	432.4	434.3	434.3	436.3	436.3	436.3	436.3	436.3	434.3	434.3
32.5°	453.9	471.5	491.1	508.7	526.3	528.2	530.2	528.2	526.3	508.7	491.1
35°	543.9	547.8	553.7	557.6	561.5	563.5	563.5	563.5	561.5	557.6	553.7
37.5°	583.0	586.9	588.9	592.8	594.8	596.7	596.7	596.7	594.8	592.8	588.9
40°	628.0	631.9	633.9	637.8	639.8	639.8	637.8	639.8	639.8	637.8	633.9
42.5°	676.9	678.9	682.8	684.8	686.7	688.7	688.7	688.7	686.7	684.8	682.8
45°	741.5	743.5	745.4	745.4	747.4	749.3	749.3	749.3	747.4	745.4	745.4
47.5°	808.0	811.9	813.9	817.8	819.8	821.7	823.7	821.7	819.8	817.8	813.9
50°	892.2	894.1	898.0	900.0	901.9	901.9	901.9	901.9	901.9	900.0	898.0
52.5°	984.1	986.1	986.1	988.0	988.0	988.0	986.1	988.0	988.0	988.0	986.1
55°	1087.8	1087.8	1087.8	1085.8	1085.8	1085.8	1085.8	1085.8	1085.8	1085.8	1087.8
57.5°	1213.0	1213.0	1213.0	1213.0	1213.0	1207.1	1199.3	1207.1	1213.0	1213.0	1213.0
60°	1353.9	1350.0	1344.1	1340.2	1334.3	1332.4	1330.4	1332.4	1334.3	1340.2	1344.1
62.5°	1492.8	1486.9	1479.1	1473.2	1465.4	1463.4	1459.5	1463.4	1465.4	1473.2	1479.1
65°	1639.5	1629.7	1620.0	1608.2	1598.4	1596.5	1592.6	1596.5	1598.4	1608.2	1620.0
67.5°	1780.4	1770.6	1760.8	1749.1	1739.3	1737.4	1733.4	1737.4	1739.3	1749.1	1760.8
70°	1927.1	1917.4	1907.6	1895.8	1886.0	1886.0	1884.1	1886.0	1886.0	1895.8	1907.6
72.5°	2015.2	2005.4	1997.6	1987.8	1978.0	1972.1	1966.3	1972.1	1978.0	1987.8	1997.6
75°	1933.0	1917.4	1901.7	1884.1	1868.4	1864.5	1860.6	1864.5	1868.4	1884.1	1901.7
77.5°	1557.4	1541.7	1524.1	1508.4	1490.8	1475.2	1457.6	1475.2	1490.8	1508.4	1524.1
80°	898.0	858.9	819.8	780.6	741.5	731.7	721.9	731.7	741.5	780.6	819.8
82.5°	256.3	236.7	215.2	195.6	174.1	174.1	174.1	174.1	174.1	195.6	215.2
85°	76.3	66.5	58.7	48.9	39.1	37.2	35.2	37.2	39.1	48.9	58.7
87.5°	7.8	7.8	7.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	7.8
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: P560507

CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	426.5	426.5	432.4	438.3	444.1	450.0	451.9	455.9	457.8	459.8	461.7
5°	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1
7.5°	371.7	377.6	379.6	381.5	381.5	383.5	385.4	387.4	389.3	391.3	391.3
10°	385.4	385.4	381.5	379.6	375.6	371.7	361.9	352.2	340.4	330.6	330.6
12.5°	363.9	371.7	373.7	375.6	377.6	379.6	371.7	363.9	354.1	346.3	332.6
15°	385.4	383.5	369.8	356.1	340.4	326.7	315.0	305.2	293.5	281.7	275.9
17.5°	361.9	369.8	365.9	361.9	356.1	352.2	342.4	332.6	320.9	311.1	291.5
20°	389.3	385.4	361.9	338.5	313.0	289.6	291.5	291.5	293.5	293.5	293.5
22.5°	340.4	340.4	342.4	344.3	346.3	348.3	332.6	315.0	299.3	281.7	285.6
25°	405.0	401.1	381.5	360.0	340.4	318.9	324.8	330.6	334.6	340.4	324.8
27.5°	348.3	346.3	350.2	356.1	360.0	363.9	352.2	340.4	326.7	315.0	320.9
30°	432.4	430.4	410.9	389.3	369.8	348.3	350.2	352.2	352.2	354.1	346.3
32.5°	471.5	453.9	444.1	434.3	422.6	412.8	401.1	387.4	375.6	361.9	361.9
35°	547.8	543.9	524.3	504.8	485.2	465.6	448.0	432.4	414.8	397.2	393.3
37.5°	586.9	583.0	561.5	541.9	520.4	498.9	481.3	461.7	444.1	424.6	422.6
40°	631.9	628.0	604.6	583.0	559.6	536.1	518.5	500.9	483.3	465.6	461.7
42.5°	678.9	676.9	655.4	631.9	610.4	586.9	569.3	549.8	532.2	512.6	506.7
45°	743.5	741.5	721.9	700.4	680.9	659.3	635.9	610.4	586.9	561.5	553.7
47.5°	811.9	808.0	786.5	766.9	745.4	723.9	696.5	671.1	643.7	616.3	612.4
50°	894.1	892.2	872.6	853.0	831.5	811.9	778.7	743.5	710.2	675.0	675.0
52.5°	986.1	984.1	964.5	945.0	923.5	903.9	870.6	835.4	802.2	766.9	763.0
55°	1087.8	1087.8	1068.2	1048.7	1029.1	1009.5	974.3	939.1	903.9	868.7	866.7
57.5°	1213.0	1213.0	1193.5	1173.9	1154.3	1134.8	1099.5	1066.3	1031.1	995.8	997.8
60°	1350.0	1353.9	1336.3	1318.7	1301.1	1283.5	1244.3	1205.2	1164.1	1125.0	1130.8
62.5°	1486.9	1492.8	1481.1	1467.4	1455.6	1441.9	1402.8	1361.7	1322.6	1281.5	1293.2
65°	1629.7	1639.5	1629.7	1621.9	1612.1	1602.4	1555.4	1508.4	1461.5	1414.5	1436.1
67.5°	1770.6	1780.4	1776.5	1772.6	1768.7	1764.7	1710.0	1657.1	1602.4	1547.6	1573.0
70°	1917.4	1927.1	1925.2	1923.2	1921.3	1919.3	1852.8	1786.3	1719.7	1653.2	1678.7
72.5°	2005.4	2015.2	2011.3	2005.4	2001.5	1995.6	1929.1	1860.6	1794.1	1725.6	1751.0
75°	1917.4	1933.0	1938.9	1946.7	1952.6	1958.4	1899.7	1839.1	1780.4	1719.7	1756.9
77.5°	1541.7	1557.4	1590.6	1621.9	1655.2	1686.5	1657.1	1629.7	1600.4	1571.1	1637.6
80°	858.9	898.0	956.7	1017.4	1076.1	1134.8	1154.3	1175.8	1195.4	1215.0	1310.8
82.5°	236.7	256.3	309.1	363.9	416.7	469.6	530.2	590.9	649.6	710.2	806.1
85°	66.5	76.3	84.1	92.0	99.8	107.6	127.2	146.7	164.3	183.9	232.8
87.5°	7.8	7.8	9.8	11.7	11.7	13.7	15.7	17.6	17.6	19.6	17.6
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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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	463.7	465.6	467.6	469.6	469.6	471.5	471.5	473.5	473.5	475.4	475.4
5°	401.1	401.1	401.1	403.0	405.0	406.9	408.9	418.7	426.5	436.3	444.1
7.5°	391.3	389.3	389.3	387.4	387.4	385.4	383.5	379.6	373.7	369.8	363.9
10°	332.6	332.6	332.6	326.7	322.8	316.9	311.1	309.1	305.2	303.3	299.3
12.5°	320.9	307.2	293.5	289.6	285.6	281.7	277.8	279.8	281.7	283.7	285.6
15°	268.0	262.2	254.3	252.4	250.4	246.5	244.6	244.6	246.5	246.5	246.5
17.5°	272.0	252.4	232.8	242.6	254.3	264.1	273.9	270.0	266.1	260.2	256.3
20°	291.5	291.5	289.6	283.7	275.9	270.0	262.2	256.3	252.4	246.5	240.6
22.5°	289.6	293.5	297.4	287.6	277.8	266.1	256.3	268.0	277.8	289.6	299.3
25°	309.1	291.5	275.9	283.7	291.5	299.3	307.2	297.4	287.6	277.8	268.0
27.5°	326.7	330.6	336.5	326.7	316.9	307.2	297.4	305.2	313.0	318.9	326.7
30°	336.5	328.7	318.9	322.8	328.7	332.6	336.5	346.3	356.1	363.9	373.7
32.5°	361.9	360.0	360.0	360.0	361.9	361.9	361.9	381.5	399.1	418.7	436.3
35°	391.3	387.4	383.5	387.4	391.3	395.2	399.1	414.8	428.5	444.1	457.8
37.5°	420.6	416.7	414.8	414.8	414.8	414.8	414.8	432.4	450.0	465.6	483.3
40°	457.8	451.9	448.0	446.1	444.1	440.2	438.3	459.8	481.3	502.8	524.3
42.5°	498.9	493.0	485.2	483.3	481.3	477.4	475.4	498.9	522.4	543.9	567.4
45°	547.8	540.0	532.2	530.2	526.3	524.3	520.4	543.9	567.4	590.9	614.3
47.5°	606.5	602.6	596.7	592.8	586.9	583.0	577.2	600.6	626.1	649.6	673.0
50°	673.0	673.0	671.1	663.2	655.4	647.6	639.8	663.2	686.7	710.2	733.7
52.5°	761.1	757.2	753.2	745.4	737.6	727.8	720.0	743.5	765.0	788.5	810.0
55°	866.7	864.8	862.8	851.1	839.3	827.6	815.9	837.4	860.9	882.4	903.9
57.5°	997.8	999.8	999.8	984.1	968.5	950.8	935.2	958.7	982.2	1003.7	1027.2
60°	1138.7	1144.5	1150.4	1130.8	1111.3	1089.8	1070.2	1091.7	1111.3	1132.8	1152.4
62.5°	1305.0	1314.8	1326.5	1297.1	1267.8	1238.5	1209.1	1232.6	1256.1	1277.6	1301.1
65°	1459.5	1481.1	1502.6	1467.4	1432.1	1396.9	1361.7	1385.2	1410.6	1434.1	1457.6
67.5°	1598.4	1623.9	1649.3	1614.1	1576.9	1541.7	1504.5	1531.9	1559.3	1584.7	1612.1
70°	1704.1	1729.5	1755.0	1721.7	1688.4	1655.2	1621.9	1645.4	1668.9	1692.4	1715.8
72.5°	1778.4	1803.9	1829.3	1788.2	1747.1	1704.1	1663.0	1690.4	1717.8	1743.2	1770.6
75°	1794.1	1831.3	1868.4	1813.7	1756.9	1702.1	1645.4	1665.0	1684.5	1704.1	1723.7
77.5°	1704.1	1770.6	1837.1	1758.9	1678.7	1600.4	1520.2	1518.2	1514.3	1512.4	1508.4
80°	1406.7	1500.6	1596.5	1504.5	1414.5	1322.6	1230.6	1195.4	1160.2	1125.0	1089.8
82.5°	901.9	995.8	1091.7	990.0	888.2	784.5	682.8	602.6	524.3	444.1	363.9
85°	281.7	330.6	379.6	338.5	297.4	256.3	215.2	187.8	160.4	133.0	105.6
87.5°	17.6	15.7	13.7	15.7	15.7	17.6	17.6	15.7	15.7	13.7	11.7
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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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	475.4	475.4	473.5	473.5	473.5	475.4	475.4	475.4	475.4	475.4	475.4
5°	448.0	453.9	457.8	461.7	463.7	463.7	465.6	465.6	465.6	465.6	465.6
7.5°	371.7	381.5	389.3	397.2	399.1	401.1	401.1	403.0	403.0	401.1	403.0
10°	301.3	305.2	307.2	309.1	318.9	330.6	340.4	350.2	350.2	350.2	350.2
12.5°	279.8	273.9	266.1	260.2	270.0	279.8	289.6	299.3	299.3	299.3	299.3
15°	254.3	262.2	270.0	277.8	291.5	307.2	320.9	334.6	334.6	334.6	334.6
17.5°	258.3	258.3	260.2	260.2	268.0	273.9	281.7	287.6	289.6	289.6	289.6
20°	250.4	260.2	270.0	279.8	295.4	311.1	324.8	340.4	342.4	344.3	342.4
22.5°	293.5	287.6	279.8	273.9	273.9	273.9	272.0	272.0	273.9	273.9	273.9
25°	285.6	301.3	318.9	334.6	346.3	356.1	367.8	377.6	377.6	375.6	377.6
27.5°	336.5	346.3	356.1	365.9	383.5	399.1	416.7	432.4	436.3	438.3	436.3
30°	399.1	422.6	448.0	471.5	483.3	495.0	506.7	518.5	518.5	518.5	518.5
32.5°	450.0	463.7	477.4	491.1	502.8	516.5	528.2	540.0	540.0	540.0	540.0
35°	473.5	489.1	502.8	518.5	530.2	541.9	551.7	563.5	565.4	565.4	565.4
37.5°	502.8	520.4	540.0	557.6	567.4	575.2	585.0	592.8	594.8	596.7	594.8
40°	543.9	563.5	583.0	602.6	610.4	618.2	624.1	631.9	631.9	631.9	631.9
42.5°	588.9	608.5	630.0	649.6	657.4	665.2	673.0	680.9	682.8	684.8	682.8
45°	637.8	661.3	684.8	708.2	718.0	727.8	735.6	745.4	747.4	749.3	747.4
47.5°	702.4	729.8	759.1	786.5	794.3	802.2	810.0	817.8	817.8	817.8	817.8
50°	770.9	806.1	843.2	878.5	882.4	888.2	892.2	896.1	898.0	898.0	898.0
52.5°	851.1	892.2	931.3	972.4	974.3	978.2	980.2	982.2	982.2	980.2	982.2
55°	948.9	991.9	1036.9	1080.0	1080.0	1081.9	1081.9	1081.9	1080.0	1076.1	1080.0
57.5°	1070.2	1113.2	1154.3	1197.4	1195.4	1193.5	1191.5	1189.5	1189.5	1187.6	1189.5
60°	1193.5	1236.5	1277.6	1318.7	1314.8	1308.9	1305.0	1299.1	1297.1	1293.2	1297.1
62.5°	1334.3	1369.5	1402.8	1436.1	1428.2	1420.4	1412.6	1404.8	1404.8	1404.8	1404.8
65°	1483.0	1510.4	1535.8	1561.3	1553.4	1547.6	1539.7	1531.9	1528.0	1524.1	1528.0
67.5°	1631.7	1651.3	1668.9	1688.4	1678.7	1668.9	1659.1	1649.3	1645.4	1639.5	1645.4
70°	1735.4	1755.0	1774.5	1794.1	1784.3	1774.5	1762.8	1753.0	1751.0	1749.1	1751.0
72.5°	1794.1	1817.6	1841.0	1864.5	1858.7	1850.8	1845.0	1837.1	1835.2	1831.3	1835.2
75°	1741.3	1760.8	1778.4	1796.0	1786.3	1776.5	1766.7	1756.9	1751.0	1743.2	1751.0
77.5°	1508.4	1510.4	1510.4	1510.4	1498.7	1486.9	1475.2	1463.4	1459.5	1453.7	1459.5
80°	1048.7	1007.6	966.5	925.4	886.3	847.2	808.0	768.9	759.1	747.4	759.1
82.5°	330.6	295.4	262.2	227.0	211.3	193.7	178.0	160.4	154.6	146.7	154.6
85°	99.8	93.9	86.1	80.2	74.3	68.5	60.7	54.8	50.9	47.0	50.9
87.5°	9.8	9.8	7.8	5.9	5.9	5.9	5.9	5.9	5.9	3.9	5.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	475.4	475.4	475.4	473.5	473.5	473.5	475.4	475.4	475.4	475.4	473.5
5°	465.6	465.6	463.7	463.7	461.7	457.8	453.9	448.0	444.1	436.3	426.5
7.5°	403.0	401.1	401.1	399.1	397.2	389.3	381.5	371.7	363.9	369.8	373.7
10°	350.2	340.4	330.6	318.9	309.1	307.2	305.2	301.3	299.3	303.3	305.2
12.5°	299.3	289.6	279.8	270.0	260.2	266.1	273.9	279.8	285.6	283.7	281.7
15°	334.6	320.9	307.2	291.5	277.8	270.0	262.2	254.3	246.5	246.5	246.5
17.5°	287.6	281.7	273.9	268.0	260.2	260.2	258.3	258.3	256.3	260.2	266.1
20°	340.4	324.8	311.1	295.4	279.8	270.0	260.2	250.4	240.6	246.5	252.4
22.5°	272.0	272.0	273.9	273.9	273.9	279.8	287.6	293.5	299.3	289.6	277.8
25°	377.6	367.8	356.1	346.3	334.6	318.9	301.3	285.6	268.0	277.8	287.6
27.5°	432.4	416.7	399.1	383.5	365.9	356.1	346.3	336.5	326.7	318.9	313.0
30°	518.5	506.7	495.0	483.3	471.5	448.0	422.6	399.1	373.7	363.9	356.1
32.5°	540.0	528.2	516.5	502.8	491.1	477.4	463.7	450.0	436.3	418.7	399.1
35°	563.5	551.7	541.9	530.2	518.5	502.8	489.1	473.5	457.8	444.1	428.5
37.5°	592.8	585.0	575.2	567.4	557.6	540.0	520.4	502.8	483.3	465.6	450.0
40°	631.9	624.1	618.2	610.4	602.6	583.0	563.5	543.9	524.3	502.8	481.3
42.5°	680.9	673.0	665.2	657.4	649.6	630.0	608.5	588.9	567.4	543.9	522.4
45°	745.4	735.6	727.8	718.0	708.2	684.8	661.3	637.8	614.3	590.9	567.4
47.5°	817.8	810.0	802.2	794.3	786.5	759.1	729.8	702.4	673.0	649.6	626.1
50°	896.1	892.2	888.2	882.4	878.5	843.2	806.1	770.9	733.7	710.2	686.7
52.5°	982.2	980.2	978.2	974.3	972.4	931.3	892.2	851.1	810.0	788.5	765.0
55°	1081.9	1081.9	1081.9	1080.0	1080.0	1036.9	991.9	948.9	903.9	882.4	860.9
57.5°	1189.5	1191.5	1193.5	1195.4	1197.4	1154.3	1113.2	1070.2	1027.2	1003.7	982.2
60°	1299.1	1305.0	1308.9	1314.8	1318.7	1277.6	1236.5	1193.5	1152.4	1132.8	1111.3
62.5°	1404.8	1412.6	1420.4	1428.2	1436.1	1402.8	1369.5	1334.3	1301.1	1277.6	1256.1
65°	1531.9	1539.7	1547.6	1553.4	1561.3	1535.8	1510.4	1483.0	1457.6	1434.1	1410.6
67.5°	1649.3	1659.1	1668.9	1678.7	1688.4	1668.9	1651.3	1631.7	1612.1	1584.7	1559.3
70°	1753.0	1762.8	1774.5	1784.3	1794.1	1774.5	1755.0	1735.4	1715.8	1692.4	1668.9
72.5°	1837.1	1845.0	1850.8	1858.7	1864.5	1841.0	1817.6	1794.1	1770.6	1743.2	1717.8
75°	1756.9	1766.7	1776.5	1786.3	1796.0	1778.4	1760.8	1741.3	1723.7	1704.1	1684.5
77.5°	1463.4	1475.2	1486.9	1498.7	1510.4	1510.4	1510.4	1508.4	1508.4	1512.4	1514.3
80°	768.9	808.0	847.2	886.3	925.4	966.5	1007.6	1048.7	1089.8	1125.0	1160.2
82.5°	160.4	178.0	193.7	211.3	227.0	262.2	295.4	330.6	363.9	444.1	524.3
85°	54.8	60.7	68.5	74.3	80.2	86.1	93.9	99.8	105.6	133.0	160.4
87.5°	5.9	5.9	5.9	5.9	5.9	7.8	9.8	9.8	11.7	13.7	15.7
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: P560507

CATALOG NUMBER: SDL-PA1-50-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	473.5	471.5	471.5	469.6	469.6	467.6	465.6	463.7	461.7	459.8	457.8
5°	418.7	408.9	406.9	405.0	403.0	401.1	401.1	401.1	401.1	401.1	401.1
7.5°	379.6	383.5	385.4	387.4	387.4	389.3	389.3	391.3	391.3	391.3	389.3
10°	309.1	311.1	316.9	322.8	326.7	332.6	332.6	332.6	330.6	330.6	340.4
12.5°	279.8	277.8	281.7	285.6	289.6	293.5	307.2	320.9	332.6	346.3	354.1
15°	244.6	244.6	246.5	250.4	252.4	254.3	262.2	268.0	275.9	281.7	293.5
17.5°	270.0	273.9	264.1	254.3	242.6	232.8	252.4	272.0	291.5	311.1	320.9
20°	256.3	262.2	270.0	275.9	283.7	289.6	291.5	291.5	293.5	293.5	293.5
22.5°	268.0	256.3	266.1	277.8	287.6	297.4	293.5	289.6	285.6	281.7	299.3
25°	297.4	307.2	299.3	291.5	283.7	275.9	291.5	309.1	324.8	340.4	334.6
27.5°	305.2	297.4	307.2	316.9	326.7	336.5	330.6	326.7	320.9	315.0	326.7
30°	346.3	336.5	332.6	328.7	322.8	318.9	328.7	336.5	346.3	354.1	352.2
32.5°	381.5	361.9	361.9	361.9	360.0	360.0	360.0	361.9	361.9	361.9	375.6
35°	414.8	399.1	395.2	391.3	387.4	383.5	387.4	391.3	393.3	397.2	414.8
37.5°	432.4	414.8	414.8	414.8	414.8	414.8	416.7	420.6	422.6	424.6	444.1
40°	459.8	438.3	440.2	444.1	446.1	448.0	451.9	457.8	461.7	465.6	483.3
42.5°	498.9	475.4	477.4	481.3	483.3	485.2	493.0	498.9	506.7	512.6	532.2
45°	543.9	520.4	524.3	526.3	530.2	532.2	540.0	547.8	553.7	561.5	586.9
47.5°	600.6	577.2	583.0	586.9	592.8	596.7	602.6	606.5	612.4	616.3	643.7
50°	663.2	639.8	647.6	655.4	663.2	671.1	673.0	673.0	675.0	675.0	710.2
52.5°	743.5	720.0	727.8	737.6	745.4	753.2	757.2	761.1	763.0	766.9	802.2
55°	837.4	815.9	827.6	839.3	851.1	862.8	864.8	866.7	866.7	868.7	903.9
57.5°	958.7	935.2	950.8	968.5	984.1	999.8	999.8	997.8	997.8	995.8	1031.1
60°	1091.7	1070.2	1089.8	1111.3	1130.8	1150.4	1144.5	1138.7	1130.8	1125.0	1164.1
62.5°	1232.6	1209.1	1238.5	1267.8	1297.1	1326.5	1314.8	1305.0	1293.2	1281.5	1322.6
65°	1385.2	1361.7	1396.9	1432.1	1467.4	1502.6	1481.1	1459.5	1436.1	1414.5	1461.5
67.5°	1531.9	1504.5	1541.7	1576.9	1614.1	1649.3	1623.9	1598.4	1573.0	1547.6	1602.4
70°	1645.4	1621.9	1655.2	1688.4	1721.7	1755.0	1729.5	1704.1	1678.7	1653.2	1719.7
72.5°	1690.4	1663.0	1704.1	1747.1	1788.2	1829.3	1803.9	1778.4	1751.0	1725.6	1794.1
75°	1665.0	1645.4	1702.1	1756.9	1813.7	1868.4	1831.3	1794.1	1756.9	1719.7	1780.4
77.5°	1518.2	1520.2	1600.4	1678.7	1758.9	1837.1	1770.6	1704.1	1637.6	1571.1	1600.4
80°	1195.4	1230.6	1322.6	1414.5	1504.5	1596.5	1500.6	1406.7	1310.8	1215.0	1195.4
82.5°	602.6	682.8	784.5	888.2	990.0	1091.7	995.8	901.9	806.1	710.2	649.6
85°	187.8	215.2	256.3	297.4	338.5	379.6	330.6	281.7	232.8	183.9	164.3
87.5°	15.7	17.6	17.6	15.7	15.7	13.7	15.7	17.6	17.6	19.6	17.6
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3	481.3
2.5°	455.9	451.9	450.0	444.1	438.3	432.4	426.5	426.5	428.5	428.5	428.5
5°	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	403.0	403.0	403.0
7.5°	387.4	385.4	383.5	381.5	381.5	379.6	377.6	371.7	363.9	358.0	350.2
10°	352.2	361.9	371.7	375.6	379.6	381.5	385.4	385.4	387.4	387.4	387.4
12.5°	363.9	371.7	379.6	377.6	375.6	373.7	371.7	363.9	354.1	346.3	336.5
15°	305.2	315.0	326.7	340.4	356.1	369.8	383.5	385.4	387.4	389.3	391.3
17.5°	332.6	342.4	352.2	356.1	361.9	365.9	369.8	361.9	352.2	344.3	334.6
20°	291.5	291.5	289.6	313.0	338.5	361.9	385.4	389.3	393.3	395.2	399.1
22.5°	315.0	332.6	348.3	346.3	344.3	342.4	340.4	340.4	340.4	338.5	338.5
25°	330.6	324.8	318.9	340.4	360.0	381.5	401.1	405.0	408.9	410.9	414.8
27.5°	340.4	352.2	363.9	360.0	356.1	350.2	346.3	348.3	352.2	354.1	356.1
30°	352.2	350.2	348.3	369.8	389.3	410.9	430.4	432.4	434.3	434.3	436.3
32.5°	387.4	401.1	412.8	422.6	434.3	444.1	453.9	471.5	491.1	508.7	526.3
35°	432.4	448.0	465.6	485.2	504.8	524.3	543.9	547.8	553.7	557.6	561.5
37.5°	461.7	481.3	498.9	520.4	541.9	561.5	583.0	586.9	588.9	592.8	594.8
40°	500.9	518.5	536.1	559.6	583.0	604.6	628.0	631.9	633.9	637.8	639.8
42.5°	549.8	569.3	586.9	610.4	631.9	655.4	676.9	678.9	682.8	684.8	686.7
45°	610.4	635.9	659.3	680.9	700.4	721.9	741.5	743.5	745.4	745.4	747.4
47.5°	671.1	696.5	723.9	745.4	766.9	786.5	808.0	811.9	813.9	817.8	819.8
50°	743.5	778.7	811.9	831.5	853.0	872.6	892.2	894.1	898.0	900.0	901.9
52.5°	835.4	870.6	903.9	923.5	945.0	964.5	984.1	986.1	986.1	988.0	988.0
55°	939.1	974.3	1009.5	1029.1	1048.7	1068.2	1087.8	1087.8	1087.8	1085.8	1085.8
57.5°	1066.3	1099.5	1134.8	1154.3	1173.9	1193.5	1213.0	1213.0	1213.0	1213.0	1213.0
60°	1205.2	1244.3	1283.5	1301.1	1318.7	1336.3	1353.9	1350.0	1344.1	1340.2	1334.3
62.5°	1361.7	1402.8	1441.9	1455.6	1467.4	1481.1	1492.8	1486.9	1479.1	1473.2	1465.4
65°	1508.4	1555.4	1602.4	1612.1	1621.9	1629.7	1639.5	1629.7	1620.0	1608.2	1598.4
67.5°	1657.1	1710.0	1764.7	1768.7	1772.6	1776.5	1780.4	1770.6	1760.8	1749.1	1739.3
70°	1786.3	1852.8	1919.3	1921.3	1923.2	1925.2	1927.1	1917.4	1907.6	1895.8	1886.0
72.5°	1860.6	1929.1	1995.6	2001.5	2005.4	2011.3	2015.2	2005.4	1997.6	1987.8	1978.0
75°	1839.1	1899.7	1958.4	1952.6	1946.7	1938.9	1933.0	1917.4	1901.7	1884.1	1868.4
77.5°	1629.7	1657.1	1686.5	1655.2	1621.9	1590.6	1557.4	1541.7	1524.1	1508.4	1490.8
80°	1175.8	1154.3	1134.8	1076.1	1017.4	956.7	898.0	858.9	819.8	780.6	741.5
82.5°	590.9	530.2	469.6	416.7	363.9	309.1	256.3	236.7	215.2	195.6	174.1
85°	146.7	127.2	107.6	99.8	92.0	84.1	76.3	66.5	58.7	48.9	39.1
87.5°	17.6	15.7	13.7	11.7	11.7	9.8	7.8	7.8	7.8	5.9	5.9
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°	481.3	481.3
2.5°	428.5	426.5
5°	403.0	403.0
7.5°	348.3	344.3
10°	387.4	387.4
12.5°	338.5	340.4
15°	391.3	391.3
17.5°	334.6	332.6
20°	399.1	399.1
22.5°	338.5	338.5
25°	414.8	412.8
27.5°	356.1	356.1
30°	436.3	436.3
32.5°	528.2	530.2
35°	563.5	563.5
37.5°	596.7	596.7
40°	639.8	637.8
42.5°	688.7	688.7
45°	749.3	749.3
47.5°	821.7	823.7
50°	901.9	901.9
52.5°	988.0	986.1
55°	1085.8	1085.8
57.5°	1207.1	1199.3
60°	1332.4	1330.4
62.5°	1463.4	1459.5
65°	1596.5	1592.6
67.5°	1737.4	1733.4
70°	1886.0	1884.1
72.5°	1972.1	1966.3
75°	1864.5	1860.6
77.5°	1475.2	1457.6
80°	731.7	721.9
82.5°	174.1	174.1
85°	37.2	35.2
87.5°	5.9	5.9
90°	0.0	0.0

(END OF REPORT)