

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: P560485

Luminaire Tested: **SDL-PA1-50-722-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560485
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-PA1-50-722-U-5WQ
Description: Springdale
(1) 70 CRI, 2200K, 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: 4886.4 lumens
Efficiency: N/A
Efficacy: 93.3 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

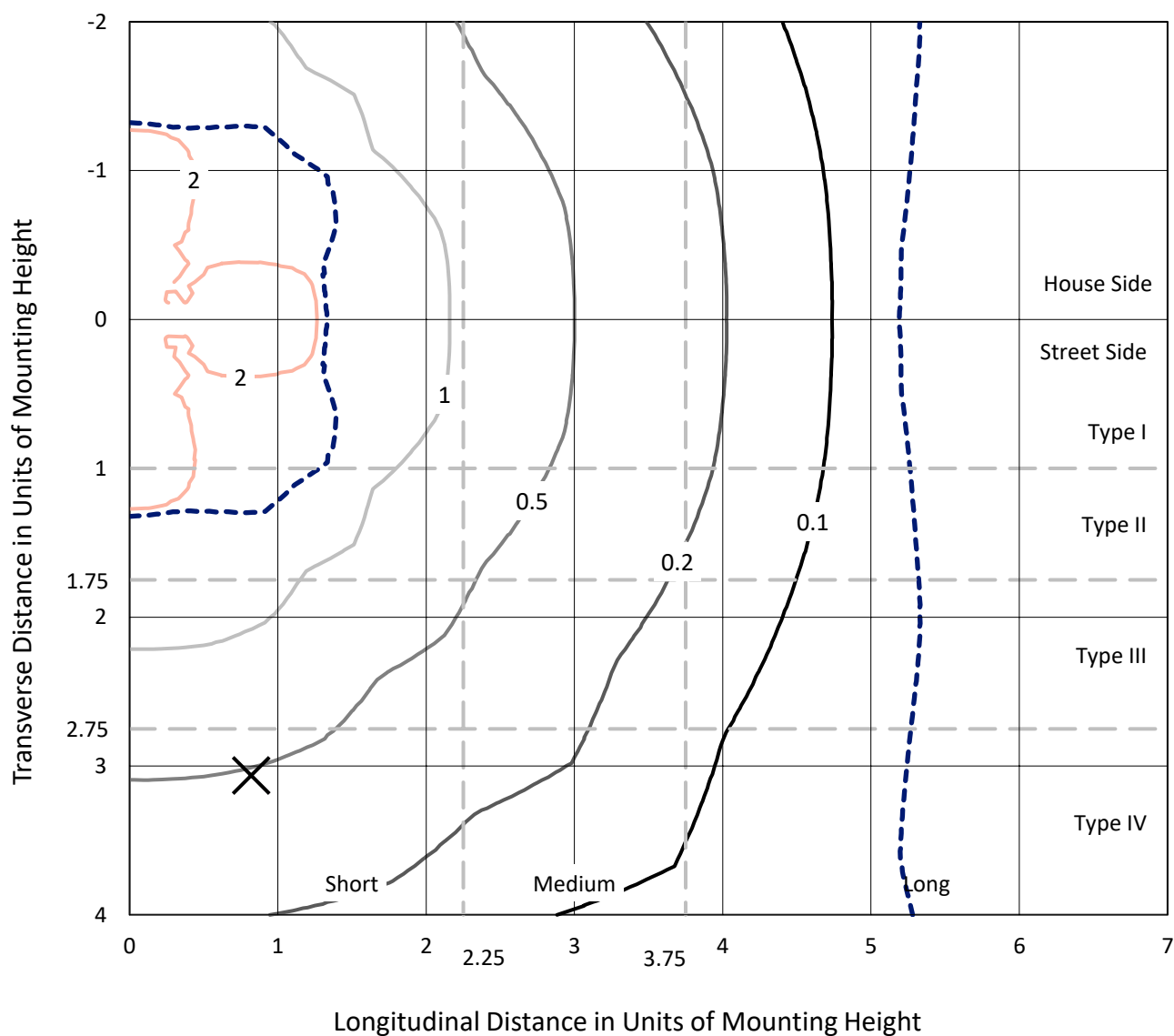


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

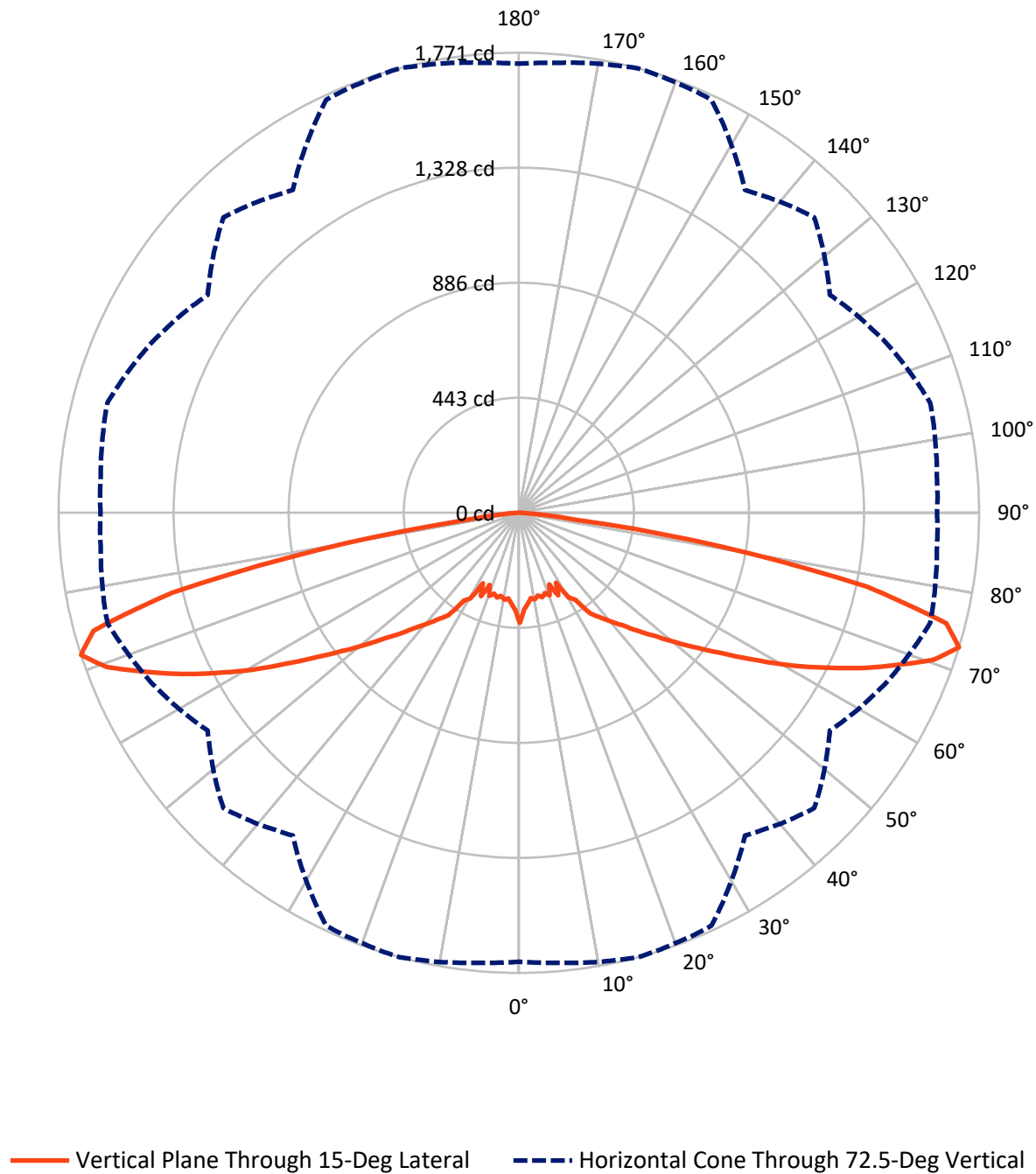


Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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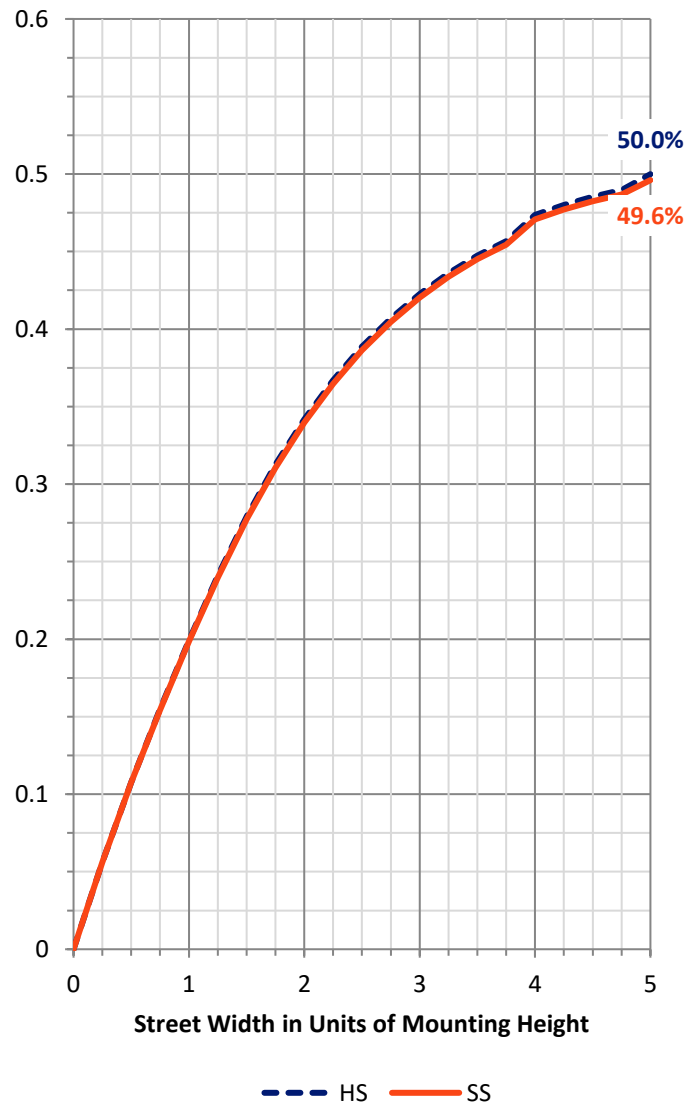
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2443.2	0.0	2443.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2443.2	0.0	2443.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	4886.4	0.0	4886.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	0.7
10°-20°	77.1	1.6
20°-30°	137.6	2.8
30°-40°	263.3	5.4
40°-50°	448.4	9.2
50°-60°	784.9	16.1
60°-70°	1324.4	27.1
70°-80°	1544.9	31.6
80°-90°	272.5	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°	4886.4	100.0
0°-180°	4886.4	100.0



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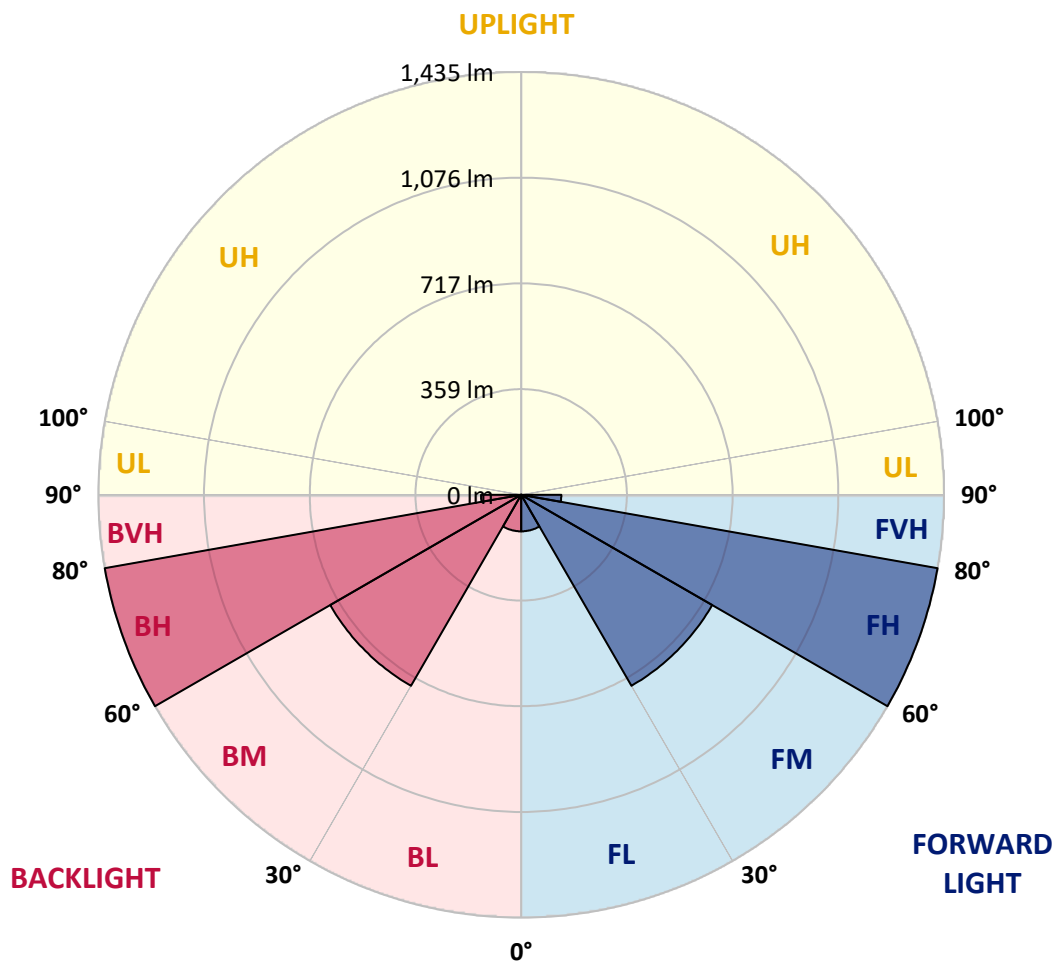
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	124.0	2.5			
FM	(30°-60°)	748.3	15.3			
FH	(60°-80°)	1434.6	29.4			G1/1800
FVH	(80°-90°)	136.3	2.8			G2/225
BL	(0°-30°)	124.0	2.5	B1/500		
BM	(30°-60°)	748.3	15.3	B1/1000		
BH	(60°-80°)	1434.6	29.4	B3/2500		G1/1800
BVH	(80°-90°)	136.3	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°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	374.9	376.6	376.6	376.6	376.6	374.9	374.9	380.1	385.2	390.4	395.5
5°	354.3	354.3	354.3	354.3	354.3	352.5	352.5	352.5	352.5	352.5	352.5
7.5°	302.7	306.1	307.8	314.7	319.9	326.8	331.9	333.6	335.4	335.4	337.1
10°	340.5	340.5	340.5	340.5	340.5	338.8	338.8	335.4	333.6	330.2	326.8
12.5°	299.2	297.5	295.8	304.4	311.3	319.9	326.8	328.5	330.2	331.9	333.6
15°	344.0	344.0	344.0	342.2	340.5	338.8	337.1	325.0	313.0	299.2	287.2
17.5°	292.4	294.1	294.1	302.7	309.6	318.2	325.0	321.6	318.2	313.0	309.6
20°	350.8	350.8	350.8	347.4	345.7	342.2	338.8	318.2	297.5	275.2	254.5
22.5°	297.5	297.5	297.5	297.5	299.2	299.2	299.2	301.0	302.7	304.4	306.1
25°	362.9	364.6	364.6	361.1	359.4	356.0	352.5	335.4	316.4	299.2	280.3
27.5°	313.0	313.0	313.0	311.3	309.6	306.1	304.4	307.8	313.0	316.4	319.9
30°	383.5	383.5	383.5	381.8	381.8	380.1	378.3	361.1	342.2	325.0	306.1
32.5°	466.1	464.3	462.6	447.1	431.7	414.5	399.0	390.4	381.8	371.5	362.9
35°	495.3	495.3	493.6	490.1	486.7	481.5	478.1	460.9	443.7	426.5	409.3
37.5°	524.5	524.5	522.8	521.1	517.6	515.9	512.5	493.6	476.4	457.5	438.5
40°	560.6	562.4	562.4	560.6	557.2	555.5	552.0	531.4	512.5	491.8	471.2
42.5°	605.4	605.4	603.6	601.9	600.2	596.8	595.0	576.1	555.5	536.6	515.9
45°	658.7	658.7	656.9	655.2	655.2	653.5	651.8	634.6	615.7	598.5	579.6
47.5°	724.0	722.3	720.6	718.9	715.4	713.7	710.3	691.3	674.1	655.2	636.3
50°	792.8	792.8	792.8	791.1	789.4	785.9	784.2	767.0	749.8	730.9	713.7
52.5°	866.8	868.5	868.5	868.5	866.8	866.8	865.0	847.8	830.6	811.7	794.5
55°	954.5	954.5	954.5	954.5	956.2	956.2	956.2	939.0	921.8	904.6	887.4
57.5°	1054.2	1061.1	1066.2	1066.2	1066.2	1066.2	1066.2	1049.0	1031.9	1014.7	997.5
60°	1169.4	1171.2	1172.9	1178.0	1181.5	1186.6	1190.1	1174.6	1159.1	1143.6	1128.2
62.5°	1282.9	1286.4	1288.1	1295.0	1300.1	1307.0	1312.2	1301.9	1289.8	1279.5	1267.5
65°	1399.9	1403.3	1405.0	1413.6	1424.0	1432.6	1441.2	1432.6	1425.7	1417.1	1408.5
67.5°	1523.7	1527.1	1528.9	1537.5	1547.8	1556.4	1565.0	1561.5	1558.1	1554.7	1551.2
70°	1656.1	1657.8	1657.8	1666.4	1676.8	1685.4	1694.0	1692.2	1690.5	1688.8	1687.1
72.5°	1728.4	1733.5	1738.7	1747.3	1755.9	1762.7	1771.3	1767.9	1762.7	1759.3	1754.1
75°	1635.5	1638.9	1642.4	1656.1	1671.6	1685.4	1699.1	1704.3	1711.2	1716.3	1721.5
77.5°	1281.2	1296.7	1310.5	1325.9	1339.7	1355.2	1368.9	1398.2	1425.7	1454.9	1482.4
80°	634.6	643.2	651.8	686.2	720.6	755.0	789.4	841.0	894.3	945.9	997.5
82.5°	153.1	153.1	153.1	172.0	189.2	208.1	225.3	271.7	319.9	366.3	412.7
85°	31.0	32.7	34.4	43.0	51.6	58.5	67.1	73.9	80.8	87.7	94.6
87.5°	5.2	5.2	5.2	5.2	6.9	6.9	6.9	8.6	10.3	10.3	12.0
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°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	397.3	400.7	402.4	404.1	405.9	407.6	409.3	411.0	412.7	412.7	414.5
5°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	354.3	356.0	357.7
7.5°	338.8	340.5	342.2	344.0	344.0	344.0	342.2	342.2	340.5	340.5	338.8
10°	318.2	309.6	299.2	290.6	290.6	292.4	292.4	292.4	287.2	283.8	278.6
12.5°	326.8	319.9	311.3	304.4	292.4	282.0	270.0	258.0	254.5	251.1	247.6
15°	276.9	268.3	258.0	247.6	242.5	235.6	230.4	223.6	221.8	220.1	216.7
17.5°	301.0	292.4	282.0	273.4	256.2	239.0	221.8	204.7	213.2	223.6	232.2
20°	256.2	256.2	258.0	258.0	258.0	256.2	256.2	254.5	249.4	242.5	237.3
22.5°	292.4	276.9	263.1	247.6	251.1	254.5	258.0	261.4	252.8	244.2	233.9
25°	285.5	290.6	294.1	299.2	285.5	271.7	256.2	242.5	249.4	256.2	263.1
27.5°	309.6	299.2	287.2	276.9	282.0	287.2	290.6	295.8	287.2	278.6	270.0
30°	307.8	309.6	309.6	311.3	304.4	295.8	288.9	280.3	283.8	288.9	292.4
32.5°	352.5	340.5	330.2	318.2	318.2	318.2	316.4	316.4	316.4	318.2	318.2
35°	393.8	380.1	364.6	349.1	345.7	344.0	340.5	337.1	340.5	344.0	347.4
37.5°	423.1	405.9	390.4	373.2	371.5	369.7	366.3	364.6	364.6	364.6	364.6
40°	455.7	440.3	424.8	409.3	405.9	402.4	397.3	393.8	392.1	390.4	386.9
42.5°	500.4	483.3	467.8	450.6	445.4	438.5	433.4	426.5	424.8	423.1	419.6
45°	558.9	536.6	515.9	493.6	486.7	481.5	474.7	467.8	466.1	462.6	460.9
47.5°	612.2	589.9	565.8	541.7	538.3	533.1	529.7	524.5	521.1	515.9	512.5
50°	684.5	653.5	624.3	593.3	593.3	591.6	591.6	589.9	583.0	576.1	569.2
52.5°	765.3	734.3	705.1	674.1	670.7	669.0	665.5	662.1	655.2	648.3	639.7
55°	856.4	825.5	794.5	763.6	761.9	761.9	760.1	758.4	748.1	737.8	727.5
57.5°	966.5	937.3	906.3	875.4	877.1	877.1	878.8	878.8	865.0	851.3	835.8
60°	1093.8	1059.4	1023.3	988.9	994.0	1000.9	1006.1	1011.2	994.0	976.8	957.9
62.5°	1233.1	1196.9	1162.6	1126.4	1136.8	1147.1	1155.7	1166.0	1140.2	1114.4	1088.6
65°	1367.2	1325.9	1284.7	1243.4	1262.3	1282.9	1301.9	1320.8	1289.8	1258.9	1227.9
67.5°	1503.1	1456.6	1408.5	1360.3	1382.7	1405.0	1427.4	1449.8	1418.8	1386.1	1355.2
70°	1628.6	1570.1	1511.7	1453.2	1475.5	1497.9	1520.3	1542.6	1513.4	1484.1	1454.9
72.5°	1695.7	1635.5	1577.0	1516.8	1539.2	1563.3	1585.6	1608.0	1571.9	1535.7	1497.9
75°	1669.9	1616.6	1565.0	1511.7	1544.3	1577.0	1609.7	1642.4	1594.2	1544.3	1496.2
77.5°	1456.6	1432.6	1406.8	1381.0	1439.4	1497.9	1556.4	1614.8	1546.1	1475.5	1406.8
80°	1014.7	1033.6	1050.8	1068.0	1152.2	1236.5	1319.1	1403.3	1322.5	1243.4	1162.6
82.5°	466.1	519.4	571.0	624.3	708.5	792.8	875.4	959.6	870.2	780.8	689.6
85°	111.8	129.0	144.5	161.7	204.7	247.6	290.6	333.6	297.5	261.4	225.3
87.5°	13.8	15.5	15.5	17.2	15.5	15.5	13.8	12.0	13.8	13.8	15.5
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°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	414.5	416.2	416.2	417.9	417.9	417.9	417.9	416.2	416.2	416.2	417.9
5°	359.4	368.0	374.9	383.5	390.4	393.8	399.0	402.4	405.9	407.6	407.6
7.5°	337.1	333.6	328.5	325.0	319.9	326.8	335.4	342.2	349.1	350.8	352.5
10°	273.4	271.7	268.3	266.6	263.1	264.8	268.3	270.0	271.7	280.3	290.6
12.5°	244.2	245.9	247.6	249.4	251.1	245.9	240.8	233.9	228.7	237.3	245.9
15°	215.0	215.0	216.7	216.7	216.7	223.6	230.4	237.3	244.2	256.2	270.0
17.5°	240.8	237.3	233.9	228.7	225.3	227.0	227.0	228.7	228.7	235.6	240.8
20°	230.4	225.3	221.8	216.7	211.5	220.1	228.7	237.3	245.9	259.7	273.4
22.5°	225.3	235.6	244.2	254.5	263.1	258.0	252.8	245.9	240.8	240.8	240.8
25°	270.0	261.4	252.8	244.2	235.6	251.1	264.8	280.3	294.1	304.4	313.0
27.5°	261.4	268.3	275.2	280.3	287.2	295.8	304.4	313.0	321.6	337.1	350.8
30°	295.8	304.4	313.0	319.9	328.5	350.8	371.5	393.8	414.5	424.8	435.1
32.5°	318.2	335.4	350.8	368.0	383.5	395.5	407.6	419.6	431.7	442.0	454.0
35°	350.8	364.6	376.6	390.4	402.4	416.2	429.9	442.0	455.7	466.1	476.4
37.5°	364.6	380.1	395.5	409.3	424.8	442.0	457.5	474.7	490.1	498.7	505.6
40°	385.2	404.1	423.1	442.0	460.9	478.1	495.3	512.5	529.7	536.6	543.4
42.5°	417.9	438.5	459.2	478.1	498.7	517.6	534.8	553.8	571.0	577.8	584.7
45°	457.5	478.1	498.7	519.4	540.0	560.6	581.3	601.9	622.6	631.1	639.7
47.5°	507.3	528.0	550.3	571.0	591.6	617.4	641.5	667.3	691.3	698.2	705.1
50°	562.4	583.0	603.6	624.3	644.9	677.6	708.5	741.2	772.2	775.6	780.8
52.5°	632.9	653.5	672.4	693.1	712.0	748.1	784.2	818.6	854.7	856.4	859.9
55°	717.1	736.1	756.7	775.6	794.5	834.1	871.9	911.5	949.3	949.3	951.0
57.5°	822.0	842.7	863.3	882.2	902.9	940.7	978.5	1014.7	1052.5	1050.8	1049.0
60°	940.7	959.6	976.8	995.7	1012.9	1049.0	1086.9	1123.0	1159.1	1155.7	1150.5
62.5°	1062.8	1083.4	1104.1	1123.0	1143.6	1172.9	1203.8	1233.1	1262.3	1255.4	1248.5
65°	1196.9	1217.6	1239.9	1260.6	1281.2	1303.6	1327.6	1350.0	1372.4	1365.5	1360.3
67.5°	1322.5	1346.6	1370.6	1393.0	1417.1	1434.3	1451.5	1466.9	1484.1	1475.5	1466.9
70°	1425.7	1446.3	1466.9	1487.6	1508.2	1525.4	1542.6	1559.8	1577.0	1568.4	1559.8
72.5°	1461.8	1485.9	1509.9	1532.3	1556.4	1577.0	1597.7	1618.3	1638.9	1633.8	1626.9
75°	1446.3	1463.5	1480.7	1497.9	1515.1	1530.6	1547.8	1563.3	1578.7	1570.1	1561.5
77.5°	1336.2	1334.5	1331.1	1329.4	1325.9	1325.9	1327.6	1327.6	1327.6	1317.3	1307.0
80°	1081.7	1050.8	1019.8	988.9	957.9	921.8	885.7	849.6	813.4	779.0	744.7
82.5°	600.2	529.7	460.9	390.4	319.9	290.6	259.7	230.4	199.5	185.7	170.3
85°	189.2	165.1	141.0	116.9	92.9	87.7	82.5	75.7	70.5	65.4	60.2
87.5°	15.5	13.8	13.8	12.0	10.3	8.6	8.6	6.9	5.2	5.2	5.2
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°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	416.2	416.2	416.2
5°	409.3	409.3	409.3	409.3	409.3	409.3	409.3	407.6	407.6	405.9	402.4
7.5°	352.5	354.3	354.3	352.5	354.3	354.3	352.5	352.5	350.8	349.1	342.2
10°	299.2	307.8	307.8	307.8	307.8	307.8	299.2	290.6	280.3	271.7	270.0
12.5°	254.5	263.1	263.1	263.1	263.1	263.1	254.5	245.9	237.3	228.7	233.9
15°	282.0	294.1	294.1	294.1	294.1	294.1	282.0	270.0	256.2	244.2	237.3
17.5°	247.6	252.8	254.5	254.5	254.5	252.8	247.6	240.8	235.6	228.7	228.7
20°	285.5	299.2	301.0	302.7	301.0	299.2	285.5	273.4	259.7	245.9	237.3
22.5°	239.0	239.0	240.8	240.8	240.8	239.0	239.0	240.8	240.8	240.8	245.9
25°	323.3	331.9	331.9	330.2	331.9	331.9	323.3	313.0	304.4	294.1	280.3
27.5°	366.3	380.1	383.5	385.2	383.5	380.1	366.3	350.8	337.1	321.6	313.0
30°	445.4	455.7	455.7	455.7	455.7	455.7	445.4	435.1	424.8	414.5	393.8
32.5°	464.3	474.7	474.7	474.7	474.7	474.7	464.3	454.0	442.0	431.7	419.6
35°	485.0	495.3	497.0	497.0	497.0	495.3	485.0	476.4	466.1	455.7	442.0
37.5°	514.2	521.1	522.8	524.5	522.8	521.1	514.2	505.6	498.7	490.1	474.7
40°	548.6	555.5	555.5	555.5	555.5	555.5	548.6	543.4	536.6	529.7	512.5
42.5°	591.6	598.5	600.2	601.9	600.2	598.5	591.6	584.7	577.8	571.0	553.8
45°	646.6	655.2	656.9	658.7	656.9	655.2	646.6	639.7	631.1	622.6	601.9
47.5°	712.0	718.9	718.9	718.9	718.9	718.9	712.0	705.1	698.2	691.3	667.3
50°	784.2	787.6	789.4	789.4	789.4	787.6	784.2	780.8	775.6	772.2	741.2
52.5°	861.6	863.3	863.3	861.6	863.3	863.3	861.6	859.9	856.4	854.7	818.6
55°	951.0	951.0	949.3	945.9	949.3	951.0	951.0	951.0	949.3	949.3	911.5
57.5°	1047.3	1045.6	1045.6	1043.9	1045.6	1045.6	1047.3	1049.0	1050.8	1052.5	1014.7
60°	1147.1	1141.9	1140.2	1136.8	1140.2	1141.9	1147.1	1150.5	1155.7	1159.1	1123.0
62.5°	1241.7	1234.8	1234.8	1234.8	1234.8	1234.8	1241.7	1248.5	1255.4	1262.3	1233.1
65°	1353.4	1346.6	1343.1	1339.7	1343.1	1346.6	1353.4	1360.3	1365.5	1372.4	1350.0
67.5°	1458.4	1449.8	1446.3	1441.2	1446.3	1449.8	1458.4	1466.9	1475.5	1484.1	1466.9
70°	1549.5	1540.9	1539.2	1537.5	1539.2	1540.9	1549.5	1559.8	1568.4	1577.0	1559.8
72.5°	1621.7	1614.8	1613.1	1609.7	1613.1	1614.8	1621.7	1626.9	1633.8	1638.9	1618.3
75°	1552.9	1544.3	1539.2	1532.3	1539.2	1544.3	1552.9	1561.5	1570.1	1578.7	1563.3
77.5°	1296.7	1286.4	1282.9	1277.8	1282.9	1286.4	1296.7	1307.0	1317.3	1327.6	1327.6
80°	710.3	675.9	667.3	656.9	667.3	675.9	710.3	744.7	779.0	813.4	849.6
82.5°	156.5	141.0	135.9	129.0	135.9	141.0	156.5	170.3	185.7	199.5	230.4
85°	53.3	48.2	44.7	41.3	44.7	48.2	53.3	60.2	65.4	70.5	75.7
87.5°	5.2	5.2	5.2	3.4	5.2	5.2	5.2	5.2	5.2	5.2	6.9
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	417.9	417.9	417.9	417.9	416.2	416.2	414.5	414.5	412.7	412.7	411.0
5°	399.0	393.8	390.4	383.5	374.9	368.0	359.4	357.7	356.0	354.3	352.5
7.5°	335.4	326.8	319.9	325.0	328.5	333.6	337.1	338.8	340.5	340.5	342.2
10°	268.3	264.8	263.1	266.6	268.3	271.7	273.4	278.6	283.8	287.2	292.4
12.5°	240.8	245.9	251.1	249.4	247.6	245.9	244.2	247.6	251.1	254.5	258.0
15°	230.4	223.6	216.7	216.7	216.7	215.0	215.0	216.7	220.1	221.8	223.6
17.5°	227.0	227.0	225.3	228.7	233.9	237.3	240.8	232.2	223.6	213.2	204.7
20°	228.7	220.1	211.5	216.7	221.8	225.3	230.4	237.3	242.5	249.4	254.5
22.5°	252.8	258.0	263.1	254.5	244.2	235.6	225.3	233.9	244.2	252.8	261.4
25°	264.8	251.1	235.6	244.2	252.8	261.4	270.0	263.1	256.2	249.4	242.5
27.5°	304.4	295.8	287.2	280.3	275.2	268.3	261.4	270.0	278.6	287.2	295.8
30°	371.5	350.8	328.5	319.9	313.0	304.4	295.8	292.4	288.9	283.8	280.3
32.5°	407.6	395.5	383.5	368.0	350.8	335.4	318.2	318.2	318.2	316.4	316.4
35°	429.9	416.2	402.4	390.4	376.6	364.6	350.8	347.4	344.0	340.5	337.1
37.5°	457.5	442.0	424.8	409.3	395.5	380.1	364.6	364.6	364.6	364.6	364.6
40°	495.3	478.1	460.9	442.0	423.1	404.1	385.2	386.9	390.4	392.1	393.8
42.5°	534.8	517.6	498.7	478.1	459.2	438.5	417.9	419.6	423.1	424.8	426.5
45°	581.3	560.6	540.0	519.4	498.7	478.1	457.5	460.9	462.6	466.1	467.8
47.5°	641.5	617.4	591.6	571.0	550.3	528.0	507.3	512.5	515.9	521.1	524.5
50°	708.5	677.6	644.9	624.3	603.6	583.0	562.4	569.2	576.1	583.0	589.9
52.5°	784.2	748.1	712.0	693.1	672.4	653.5	632.9	639.7	648.3	655.2	662.1
55°	871.9	834.1	794.5	775.6	756.7	736.1	717.1	727.5	737.8	748.1	758.4
57.5°	978.5	940.7	902.9	882.2	863.3	842.7	822.0	835.8	851.3	865.0	878.8
60°	1086.9	1049.0	1012.9	995.7	976.8	959.6	940.7	957.9	976.8	994.0	1011.2
62.5°	1203.8	1172.9	1143.6	1123.0	1104.1	1083.4	1062.8	1088.6	1114.4	1140.2	1166.0
65°	1327.6	1303.6	1281.2	1260.6	1239.9	1217.6	1196.9	1227.9	1258.9	1289.8	1320.8
67.5°	1451.5	1434.3	1417.1	1393.0	1370.6	1346.6	1322.5	1355.2	1386.1	1418.8	1449.8
70°	1542.6	1525.4	1508.2	1487.6	1466.9	1446.3	1425.7	1454.9	1484.1	1513.4	1542.6
72.5°	1597.7	1577.0	1556.4	1532.3	1509.9	1485.9	1461.8	1497.9	1535.7	1571.9	1608.0
75°	1547.8	1530.6	1515.1	1497.9	1480.7	1463.5	1446.3	1496.2	1544.3	1594.2	1642.4
77.5°	1327.6	1325.9	1325.9	1329.4	1331.1	1334.5	1336.2	1406.8	1475.5	1546.1	1614.8
80°	885.7	921.8	957.9	988.9	1019.8	1050.8	1081.7	1162.6	1243.4	1322.5	1403.3
82.5°	259.7	290.6	319.9	390.4	460.9	529.7	600.2	689.6	780.8	870.2	959.6
85°	82.5	87.7	92.9	116.9	141.0	165.1	189.2	225.3	261.4	297.5	333.6
87.5°	8.6	8.6	10.3	12.0	13.8	13.8	15.5	15.5	13.8	13.8	12.0
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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CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	409.3	407.6	405.9	404.1	402.4	400.7	397.3	395.5	390.4	385.2	380.1
5°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5
7.5°	342.2	344.0	344.0	344.0	342.2	340.5	338.8	337.1	335.4	335.4	333.6
10°	292.4	292.4	290.6	290.6	299.2	309.6	318.2	326.8	330.2	333.6	335.4
12.5°	270.0	282.0	292.4	304.4	311.3	319.9	326.8	333.6	331.9	330.2	328.5
15°	230.4	235.6	242.5	247.6	258.0	268.3	276.9	287.2	299.2	313.0	325.0
17.5°	221.8	239.0	256.2	273.4	282.0	292.4	301.0	309.6	313.0	318.2	321.6
20°	256.2	256.2	258.0	258.0	258.0	256.2	256.2	254.5	275.2	297.5	318.2
22.5°	258.0	254.5	251.1	247.6	263.1	276.9	292.4	306.1	304.4	302.7	301.0
25°	256.2	271.7	285.5	299.2	294.1	290.6	285.5	280.3	299.2	316.4	335.4
27.5°	290.6	287.2	282.0	276.9	287.2	299.2	309.6	319.9	316.4	313.0	307.8
30°	288.9	295.8	304.4	311.3	309.6	309.6	307.8	306.1	325.0	342.2	361.1
32.5°	316.4	318.2	318.2	318.2	330.2	340.5	352.5	362.9	371.5	381.8	390.4
35°	340.5	344.0	345.7	349.1	364.6	380.1	393.8	409.3	426.5	443.7	460.9
37.5°	366.3	369.7	371.5	373.2	390.4	405.9	423.1	438.5	457.5	476.4	493.6
40°	397.3	402.4	405.9	409.3	424.8	440.3	455.7	471.2	491.8	512.5	531.4
42.5°	433.4	438.5	445.4	450.6	467.8	483.3	500.4	515.9	536.6	555.5	576.1
45°	474.7	481.5	486.7	493.6	515.9	536.6	558.9	579.6	598.5	615.7	634.6
47.5°	529.7	533.1	538.3	541.7	565.8	589.9	612.2	636.3	655.2	674.1	691.3
50°	591.6	591.6	593.3	593.3	624.3	653.5	684.5	713.7	730.9	749.8	767.0
52.5°	665.5	669.0	670.7	674.1	705.1	734.3	765.3	794.5	811.7	830.6	847.8
55°	760.1	761.9	761.9	763.6	794.5	825.5	856.4	887.4	904.6	921.8	939.0
57.5°	878.8	877.1	877.1	875.4	906.3	937.3	966.5	997.5	1014.7	1031.9	1049.0
60°	1006.1	1000.9	994.0	988.9	1023.3	1059.4	1093.8	1128.2	1143.6	1159.1	1174.6
62.5°	1155.7	1147.1	1136.8	1126.4	1162.6	1196.9	1233.1	1267.5	1279.5	1289.8	1301.9
65°	1301.9	1282.9	1262.3	1243.4	1284.7	1325.9	1367.2	1408.5	1417.1	1425.7	1432.6
67.5°	1427.4	1405.0	1382.7	1360.3	1408.5	1456.6	1503.1	1551.2	1554.7	1558.1	1561.5
70°	1520.3	1497.9	1475.5	1453.2	1511.7	1570.1	1628.6	1687.1	1688.8	1690.5	1692.2
72.5°	1585.6	1563.3	1539.2	1516.8	1577.0	1635.5	1695.7	1754.1	1759.3	1762.7	1767.9
75°	1609.7	1577.0	1544.3	1511.7	1565.0	1616.6	1669.9	1721.5	1716.3	1711.2	1704.3
77.5°	1556.4	1497.9	1439.4	1381.0	1406.8	1432.6	1456.6	1482.4	1454.9	1425.7	1398.2
80°	1319.1	1236.5	1152.2	1068.0	1050.8	1033.6	1014.7	997.5	945.9	894.3	841.0
82.5°	875.4	792.8	708.5	624.3	571.0	519.4	466.1	412.7	366.3	319.9	271.7
85°	290.6	247.6	204.7	161.7	144.5	129.0	111.8	94.6	87.7	80.8	73.9
87.5°	13.8	15.5	15.5	17.2	15.5	15.5	13.8	12.0	10.3	10.3	8.6
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	374.9	374.9	376.6	376.6	376.6	376.6	374.9	376.6	376.6	376.6	376.6
5°	352.5	352.5	354.3	354.3	354.3	354.3	354.3	354.3	354.3	354.3	354.3
7.5°	331.9	326.8	319.9	314.7	307.8	306.1	302.7	306.1	307.8	314.7	319.9
10°	338.8	338.8	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5
12.5°	326.8	319.9	311.3	304.4	295.8	297.5	299.2	297.5	295.8	304.4	311.3
15°	337.1	338.8	340.5	342.2	344.0	344.0	344.0	344.0	344.0	342.2	340.5
17.5°	325.0	318.2	309.6	302.7	294.1	294.1	292.4	294.1	294.1	302.7	309.6
20°	338.8	342.2	345.7	347.4	350.8	350.8	350.8	350.8	350.8	347.4	345.7
22.5°	299.2	299.2	299.2	297.5	297.5	297.5	297.5	297.5	297.5	297.5	299.2
25°	352.5	356.0	359.4	361.1	364.6	364.6	362.9	364.6	364.6	361.1	359.4
27.5°	304.4	306.1	309.6	311.3	313.0	313.0	313.0	313.0	313.0	311.3	309.6
30°	378.3	380.1	381.8	381.8	383.5	383.5	383.5	383.5	383.5	381.8	381.8
32.5°	399.0	414.5	431.7	447.1	462.6	464.3	466.1	464.3	462.6	447.1	431.7
35°	478.1	481.5	486.7	490.1	493.6	495.3	495.3	495.3	493.6	490.1	486.7
37.5°	512.5	515.9	517.6	521.1	522.8	524.5	524.5	524.5	522.8	521.1	517.6
40°	552.0	555.5	557.2	560.6	562.4	562.4	560.6	562.4	562.4	560.6	557.2
42.5°	595.0	596.8	600.2	601.9	603.6	605.4	605.4	605.4	603.6	601.9	600.2
45°	651.8	653.5	655.2	655.2	656.9	658.7	658.7	658.7	656.9	655.2	655.2
47.5°	710.3	713.7	715.4	718.9	720.6	722.3	724.0	722.3	720.6	718.9	715.4
50°	784.2	785.9	789.4	791.1	792.8	792.8	792.8	792.8	792.8	791.1	789.4
52.5°	865.0	866.8	866.8	868.5	868.5	868.5	866.8	868.5	868.5	868.5	866.8
55°	956.2	956.2	956.2	954.5	954.5	954.5	954.5	954.5	954.5	954.5	956.2
57.5°	1066.2	1066.2	1066.2	1066.2	1066.2	1061.1	1054.2	1061.1	1066.2	1066.2	1066.2
60°	1190.1	1186.6	1181.5	1178.0	1172.9	1171.2	1169.4	1171.2	1172.9	1178.0	1181.5
62.5°	1312.2	1307.0	1300.1	1295.0	1288.1	1286.4	1282.9	1286.4	1288.1	1295.0	1300.1
65°	1441.2	1432.6	1424.0	1413.6	1405.0	1403.3	1399.9	1403.3	1405.0	1413.6	1424.0
67.5°	1565.0	1556.4	1547.8	1537.5	1528.9	1527.1	1523.7	1527.1	1528.9	1537.5	1547.8
70°	1694.0	1685.4	1676.8	1666.4	1657.8	1657.8	1656.1	1657.8	1657.8	1666.4	1676.8
72.5°	1771.3	1762.7	1755.9	1747.3	1738.7	1733.5	1728.4	1733.5	1738.7	1747.3	1755.9
75°	1699.1	1685.4	1671.6	1656.1	1642.4	1638.9	1635.5	1638.9	1642.4	1656.1	1671.6
77.5°	1368.9	1355.2	1339.7	1325.9	1310.5	1296.7	1281.2	1296.7	1310.5	1325.9	1339.7
80°	789.4	755.0	720.6	686.2	651.8	643.2	634.6	643.2	651.8	686.2	720.6
82.5°	225.3	208.1	189.2	172.0	153.1	153.1	153.1	153.1	153.1	172.0	189.2
85°	67.1	58.5	51.6	43.0	34.4	32.7	31.0	32.7	34.4	43.0	51.6
87.5°	6.9	6.9	6.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.9
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	374.9	374.9	380.1	385.2	390.4	395.5	397.3	400.7	402.4	404.1	405.9
5°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5
7.5°	326.8	331.9	333.6	335.4	335.4	337.1	338.8	340.5	342.2	344.0	344.0
10°	338.8	338.8	335.4	333.6	330.2	326.8	318.2	309.6	299.2	290.6	290.6
12.5°	319.9	326.8	328.5	330.2	331.9	333.6	326.8	319.9	311.3	304.4	292.4
15°	338.8	337.1	325.0	313.0	299.2	287.2	276.9	268.3	258.0	247.6	242.5
17.5°	318.2	325.0	321.6	318.2	313.0	309.6	301.0	292.4	282.0	273.4	256.2
20°	342.2	338.8	318.2	297.5	275.2	254.5	256.2	256.2	258.0	258.0	258.0
22.5°	299.2	299.2	301.0	302.7	304.4	306.1	292.4	276.9	263.1	247.6	251.1
25°	356.0	352.5	335.4	316.4	299.2	280.3	285.5	290.6	294.1	299.2	285.5
27.5°	306.1	304.4	307.8	313.0	316.4	319.9	309.6	299.2	287.2	276.9	282.0
30°	380.1	378.3	361.1	342.2	325.0	306.1	307.8	309.6	309.6	311.3	304.4
32.5°	414.5	399.0	390.4	381.8	371.5	362.9	352.5	340.5	330.2	318.2	318.2
35°	481.5	478.1	460.9	443.7	426.5	409.3	393.8	380.1	364.6	349.1	345.7
37.5°	515.9	512.5	493.6	476.4	457.5	438.5	423.1	405.9	390.4	373.2	371.5
40°	555.5	552.0	531.4	512.5	491.8	471.2	455.7	440.3	424.8	409.3	405.9
42.5°	596.8	595.0	576.1	555.5	536.6	515.9	500.4	483.3	467.8	450.6	445.4
45°	653.5	651.8	634.6	615.7	598.5	579.6	558.9	536.6	515.9	493.6	486.7
47.5°	713.7	710.3	691.3	674.1	655.2	636.3	612.2	589.9	565.8	541.7	538.3
50°	785.9	784.2	767.0	749.8	730.9	713.7	684.5	653.5	624.3	593.3	593.3
52.5°	866.8	865.0	847.8	830.6	811.7	794.5	765.3	734.3	705.1	674.1	670.7
55°	956.2	956.2	939.0	921.8	904.6	887.4	856.4	825.5	794.5	763.6	761.9
57.5°	1066.2	1066.2	1049.0	1031.9	1014.7	997.5	966.5	937.3	906.3	875.4	877.1
60°	1186.6	1190.1	1174.6	1159.1	1143.6	1128.2	1093.8	1059.4	1023.3	988.9	994.0
62.5°	1307.0	1312.2	1301.9	1289.8	1279.5	1267.5	1233.1	1196.9	1162.6	1126.4	1136.8
65°	1432.6	1441.2	1432.6	1425.7	1417.1	1408.5	1367.2	1325.9	1284.7	1243.4	1262.3
67.5°	1556.4	1565.0	1561.5	1558.1	1554.7	1551.2	1503.1	1456.6	1408.5	1360.3	1382.7
70°	1685.4	1694.0	1692.2	1690.5	1688.8	1687.1	1628.6	1570.1	1511.7	1453.2	1475.5
72.5°	1762.7	1771.3	1767.9	1762.7	1759.3	1754.1	1695.7	1635.5	1577.0	1516.8	1539.2
75°	1685.4	1699.1	1704.3	1711.2	1716.3	1721.5	1669.9	1616.6	1565.0	1511.7	1544.3
77.5°	1355.2	1368.9	1398.2	1425.7	1454.9	1482.4	1456.6	1432.6	1406.8	1381.0	1439.4
80°	755.0	789.4	841.0	894.3	945.9	997.5	1014.7	1033.6	1050.8	1068.0	1152.2
82.5°	208.1	225.3	271.7	319.9	366.3	412.7	466.1	519.4	571.0	624.3	708.5
85°	58.5	67.1	73.9	80.8	87.7	94.6	111.8	129.0	144.5	161.7	204.7
87.5°	6.9	6.9	8.6	10.3	10.3	12.0	13.8	15.5	15.5	17.2	15.5
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	407.6	409.3	411.0	412.7	412.7	414.5	414.5	416.2	416.2	417.9	417.9
5°	352.5	352.5	352.5	354.3	356.0	357.7	359.4	368.0	374.9	383.5	390.4
7.5°	344.0	342.2	342.2	340.5	340.5	338.8	337.1	333.6	328.5	325.0	319.9
10°	292.4	292.4	292.4	287.2	283.8	278.6	273.4	271.7	268.3	266.6	263.1
12.5°	282.0	270.0	258.0	254.5	251.1	247.6	244.2	245.9	247.6	249.4	251.1
15°	235.6	230.4	223.6	221.8	220.1	216.7	215.0	215.0	216.7	216.7	216.7
17.5°	239.0	221.8	204.7	213.2	223.6	232.2	240.8	237.3	233.9	228.7	225.3
20°	256.2	256.2	254.5	249.4	242.5	237.3	230.4	225.3	221.8	216.7	211.5
22.5°	254.5	258.0	261.4	252.8	244.2	233.9	225.3	235.6	244.2	254.5	263.1
25°	271.7	256.2	242.5	249.4	256.2	263.1	270.0	261.4	252.8	244.2	235.6
27.5°	287.2	290.6	295.8	287.2	278.6	270.0	261.4	268.3	275.2	280.3	287.2
30°	295.8	288.9	280.3	283.8	288.9	292.4	295.8	304.4	313.0	319.9	328.5
32.5°	318.2	316.4	316.4	316.4	318.2	318.2	318.2	335.4	350.8	368.0	383.5
35°	344.0	340.5	337.1	340.5	344.0	347.4	350.8	364.6	376.6	390.4	402.4
37.5°	369.7	366.3	364.6	364.6	364.6	364.6	364.6	380.1	395.5	409.3	424.8
40°	402.4	397.3	393.8	392.1	390.4	386.9	385.2	404.1	423.1	442.0	460.9
42.5°	438.5	433.4	426.5	424.8	423.1	419.6	417.9	438.5	459.2	478.1	498.7
45°	481.5	474.7	467.8	466.1	462.6	460.9	457.5	478.1	498.7	519.4	540.0
47.5°	533.1	529.7	524.5	521.1	515.9	512.5	507.3	528.0	550.3	571.0	591.6
50°	591.6	591.6	589.9	583.0	576.1	569.2	562.4	583.0	603.6	624.3	644.9
52.5°	669.0	665.5	662.1	655.2	648.3	639.7	632.9	653.5	672.4	693.1	712.0
55°	761.9	760.1	758.4	748.1	737.8	727.5	717.1	736.1	756.7	775.6	794.5
57.5°	877.1	878.8	878.8	865.0	851.3	835.8	822.0	842.7	863.3	882.2	902.9
60°	1000.9	1006.1	1011.2	994.0	976.8	957.9	940.7	959.6	976.8	995.7	1012.9
62.5°	1147.1	1155.7	1166.0	1140.2	1114.4	1088.6	1062.8	1083.4	1104.1	1123.0	1143.6
65°	1282.9	1301.9	1320.8	1289.8	1258.9	1227.9	1196.9	1217.6	1239.9	1260.6	1281.2
67.5°	1405.0	1427.4	1449.8	1418.8	1386.1	1355.2	1322.5	1346.6	1370.6	1393.0	1417.1
70°	1497.9	1520.3	1542.6	1513.4	1484.1	1454.9	1425.7	1446.3	1466.9	1487.6	1508.2
72.5°	1563.3	1585.6	1608.0	1571.9	1535.7	1497.9	1461.8	1485.9	1509.9	1532.3	1556.4
75°	1577.0	1609.7	1642.4	1594.2	1544.3	1496.2	1446.3	1463.5	1480.7	1497.9	1515.1
77.5°	1497.9	1556.4	1614.8	1546.1	1475.5	1406.8	1336.2	1334.5	1331.1	1329.4	1325.9
80°	1236.5	1319.1	1403.3	1322.5	1243.4	1162.6	1081.7	1050.8	1019.8	988.9	957.9
82.5°	792.8	875.4	959.6	870.2	780.8	689.6	600.2	529.7	460.9	390.4	319.9
85°	247.6	290.6	333.6	297.5	261.4	225.3	189.2	165.1	141.0	116.9	92.9
87.5°	15.5	13.8	12.0	13.8	13.8	15.5	15.5	13.8	13.8	12.0	10.3
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-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	417.9	417.9	416.2	416.2	416.2	417.9	417.9	417.9	417.9	417.9	417.9
5°	393.8	399.0	402.4	405.9	407.6	407.6	409.3	409.3	409.3	409.3	409.3
7.5°	326.8	335.4	342.2	349.1	350.8	352.5	352.5	354.3	354.3	352.5	354.3
10°	264.8	268.3	270.0	271.7	280.3	290.6	299.2	307.8	307.8	307.8	307.8
12.5°	245.9	240.8	233.9	228.7	237.3	245.9	254.5	263.1	263.1	263.1	263.1
15°	223.6	230.4	237.3	244.2	256.2	270.0	282.0	294.1	294.1	294.1	294.1
17.5°	227.0	227.0	228.7	228.7	235.6	240.8	247.6	252.8	254.5	254.5	254.5
20°	220.1	228.7	237.3	245.9	259.7	273.4	285.5	299.2	301.0	302.7	301.0
22.5°	258.0	252.8	245.9	240.8	240.8	240.8	239.0	239.0	240.8	240.8	240.8
25°	251.1	264.8	280.3	294.1	304.4	313.0	323.3	331.9	331.9	330.2	331.9
27.5°	295.8	304.4	313.0	321.6	337.1	350.8	366.3	380.1	383.5	385.2	383.5
30°	350.8	371.5	393.8	414.5	424.8	435.1	445.4	455.7	455.7	455.7	455.7
32.5°	395.5	407.6	419.6	431.7	442.0	454.0	464.3	474.7	474.7	474.7	474.7
35°	416.2	429.9	442.0	455.7	466.1	476.4	485.0	495.3	497.0	497.0	497.0
37.5°	442.0	457.5	474.7	490.1	498.7	505.6	514.2	521.1	522.8	524.5	522.8
40°	478.1	495.3	512.5	529.7	536.6	543.4	548.6	555.5	555.5	555.5	555.5
42.5°	517.6	534.8	553.8	571.0	577.8	584.7	591.6	598.5	600.2	601.9	600.2
45°	560.6	581.3	601.9	622.6	631.1	639.7	646.6	655.2	656.9	658.7	656.9
47.5°	617.4	641.5	667.3	691.3	698.2	705.1	712.0	718.9	718.9	718.9	718.9
50°	677.6	708.5	741.2	772.2	775.6	780.8	784.2	787.6	789.4	789.4	789.4
52.5°	748.1	784.2	818.6	854.7	856.4	859.9	861.6	863.3	863.3	861.6	863.3
55°	834.1	871.9	911.5	949.3	949.3	951.0	951.0	951.0	949.3	945.9	949.3
57.5°	940.7	978.5	1014.7	1052.5	1050.8	1049.0	1047.3	1045.6	1045.6	1043.9	1045.6
60°	1049.0	1086.9	1123.0	1159.1	1155.7	1150.5	1147.1	1141.9	1140.2	1136.8	1140.2
62.5°	1172.9	1203.8	1233.1	1262.3	1255.4	1248.5	1241.7	1234.8	1234.8	1234.8	1234.8
65°	1303.6	1327.6	1350.0	1372.4	1365.5	1360.3	1353.4	1346.6	1343.1	1339.7	1343.1
67.5°	1434.3	1451.5	1466.9	1484.1	1475.5	1466.9	1458.4	1449.8	1446.3	1441.2	1446.3
70°	1525.4	1542.6	1559.8	1577.0	1568.4	1559.8	1549.5	1540.9	1539.2	1537.5	1539.2
72.5°	1577.0	1597.7	1618.3	1638.9	1633.8	1626.9	1621.7	1614.8	1613.1	1609.7	1613.1
75°	1530.6	1547.8	1563.3	1578.7	1570.1	1561.5	1552.9	1544.3	1539.2	1532.3	1539.2
77.5°	1325.9	1327.6	1327.6	1327.6	1317.3	1307.0	1296.7	1286.4	1282.9	1277.8	1282.9
80°	921.8	885.7	849.6	813.4	779.0	744.7	710.3	675.9	667.3	656.9	667.3
82.5°	290.6	259.7	230.4	199.5	185.7	170.3	156.5	141.0	135.9	129.0	135.9
85°	87.7	82.5	75.7	70.5	65.4	60.2	53.3	48.2	44.7	41.3	44.7
87.5°	8.6	8.6	6.9	5.2	5.2	5.2	5.2	5.2	5.2	3.4	5.2
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	417.9	417.9	417.9	416.2	416.2	416.2	417.9	417.9	417.9	417.9	416.2
5°	409.3	409.3	407.6	407.6	405.9	402.4	399.0	393.8	390.4	383.5	374.9
7.5°	354.3	352.5	352.5	350.8	349.1	342.2	335.4	326.8	319.9	325.0	328.5
10°	307.8	299.2	290.6	280.3	271.7	270.0	268.3	264.8	263.1	266.6	268.3
12.5°	263.1	254.5	245.9	237.3	228.7	233.9	240.8	245.9	251.1	249.4	247.6
15°	294.1	282.0	270.0	256.2	244.2	237.3	230.4	223.6	216.7	216.7	216.7
17.5°	252.8	247.6	240.8	235.6	228.7	228.7	227.0	227.0	225.3	228.7	233.9
20°	299.2	285.5	273.4	259.7	245.9	237.3	228.7	220.1	211.5	216.7	221.8
22.5°	239.0	239.0	240.8	240.8	240.8	245.9	252.8	258.0	263.1	254.5	244.2
25°	331.9	323.3	313.0	304.4	294.1	280.3	264.8	251.1	235.6	244.2	252.8
27.5°	380.1	366.3	350.8	337.1	321.6	313.0	304.4	295.8	287.2	280.3	275.2
30°	455.7	445.4	435.1	424.8	414.5	393.8	371.5	350.8	328.5	319.9	313.0
32.5°	474.7	464.3	454.0	442.0	431.7	419.6	407.6	395.5	383.5	368.0	350.8
35°	495.3	485.0	476.4	466.1	455.7	442.0	429.9	416.2	402.4	390.4	376.6
37.5°	521.1	514.2	505.6	498.7	490.1	474.7	457.5	442.0	424.8	409.3	395.5
40°	555.5	548.6	543.4	536.6	529.7	512.5	495.3	478.1	460.9	442.0	423.1
42.5°	598.5	591.6	584.7	577.8	571.0	553.8	534.8	517.6	498.7	478.1	459.2
45°	655.2	646.6	639.7	631.1	622.6	601.9	581.3	560.6	540.0	519.4	498.7
47.5°	718.9	712.0	705.1	698.2	691.3	667.3	641.5	617.4	591.6	571.0	550.3
50°	787.6	784.2	780.8	775.6	772.2	741.2	708.5	677.6	644.9	624.3	603.6
52.5°	863.3	861.6	859.9	856.4	854.7	818.6	784.2	748.1	712.0	693.1	672.4
55°	951.0	951.0	951.0	949.3	949.3	911.5	871.9	834.1	794.5	775.6	756.7
57.5°	1045.6	1047.3	1049.0	1050.8	1052.5	1014.7	978.5	940.7	902.9	882.2	863.3
60°	1141.9	1147.1	1150.5	1155.7	1159.1	1123.0	1086.9	1049.0	1012.9	995.7	976.8
62.5°	1234.8	1241.7	1248.5	1255.4	1262.3	1233.1	1203.8	1172.9	1143.6	1123.0	1104.1
65°	1346.6	1353.4	1360.3	1365.5	1372.4	1350.0	1327.6	1303.6	1281.2	1260.6	1239.9
67.5°	1449.8	1458.4	1466.9	1475.5	1484.1	1466.9	1451.5	1434.3	1417.1	1393.0	1370.6
70°	1540.9	1549.5	1559.8	1568.4	1577.0	1559.8	1542.6	1525.4	1508.2	1487.6	1466.9
72.5°	1614.8	1621.7	1626.9	1633.8	1638.9	1618.3	1597.7	1577.0	1556.4	1532.3	1509.9
75°	1544.3	1552.9	1561.5	1570.1	1578.7	1563.3	1547.8	1530.6	1515.1	1497.9	1480.7
77.5°	1286.4	1296.7	1307.0	1317.3	1327.6	1327.6	1327.6	1325.9	1325.9	1329.4	1331.1
80°	675.9	710.3	744.7	779.0	813.4	849.6	885.7	921.8	957.9	988.9	1019.8
82.5°	141.0	156.5	170.3	185.7	199.5	230.4	259.7	290.6	319.9	390.4	460.9
85°	48.2	53.3	60.2	65.4	70.5	75.7	82.5	87.7	92.9	116.9	141.0
87.5°	5.2	5.2	5.2	5.2	5.2	6.9	8.6	8.6	10.3	12.0	13.8
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: P560485

CATALOG NUMBER: SDL-PA1-50-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	416.2	414.5	414.5	412.7	412.7	411.0	409.3	407.6	405.9	404.1	402.4
5°	368.0	359.4	357.7	356.0	354.3	352.5	352.5	352.5	352.5	352.5	352.5
7.5°	333.6	337.1	338.8	340.5	340.5	342.2	342.2	344.0	344.0	344.0	342.2
10°	271.7	273.4	278.6	283.8	287.2	292.4	292.4	292.4	290.6	290.6	299.2
12.5°	245.9	244.2	247.6	251.1	254.5	258.0	270.0	282.0	292.4	304.4	311.3
15°	215.0	215.0	216.7	220.1	221.8	223.6	230.4	235.6	242.5	247.6	258.0
17.5°	237.3	240.8	232.2	223.6	213.2	204.7	221.8	239.0	256.2	273.4	282.0
20°	225.3	230.4	237.3	242.5	249.4	254.5	256.2	256.2	258.0	258.0	258.0
22.5°	235.6	225.3	233.9	244.2	252.8	261.4	258.0	254.5	251.1	247.6	263.1
25°	261.4	270.0	263.1	256.2	249.4	242.5	256.2	271.7	285.5	299.2	294.1
27.5°	268.3	261.4	270.0	278.6	287.2	295.8	290.6	287.2	282.0	276.9	287.2
30°	304.4	295.8	292.4	288.9	283.8	280.3	288.9	295.8	304.4	311.3	309.6
32.5°	335.4	318.2	318.2	318.2	316.4	316.4	316.4	318.2	318.2	318.2	330.2
35°	364.6	350.8	347.4	344.0	340.5	337.1	340.5	344.0	345.7	349.1	364.6
37.5°	380.1	364.6	364.6	364.6	364.6	364.6	366.3	369.7	371.5	373.2	390.4
40°	404.1	385.2	386.9	390.4	392.1	393.8	397.3	402.4	405.9	409.3	424.8
42.5°	438.5	417.9	419.6	423.1	424.8	426.5	433.4	438.5	445.4	450.6	467.8
45°	478.1	457.5	460.9	462.6	466.1	467.8	474.7	481.5	486.7	493.6	515.9
47.5°	528.0	507.3	512.5	515.9	521.1	524.5	529.7	533.1	538.3	541.7	565.8
50°	583.0	562.4	569.2	576.1	583.0	589.9	591.6	591.6	593.3	593.3	624.3
52.5°	653.5	632.9	639.7	648.3	655.2	662.1	665.5	669.0	670.7	674.1	705.1
55°	736.1	717.1	727.5	737.8	748.1	758.4	760.1	761.9	761.9	763.6	794.5
57.5°	842.7	822.0	835.8	851.3	865.0	878.8	878.8	877.1	877.1	875.4	906.3
60°	959.6	940.7	957.9	976.8	994.0	1011.2	1006.1	1000.9	994.0	988.9	1023.3
62.5°	1083.4	1062.8	1088.6	1114.4	1140.2	1166.0	1155.7	1147.1	1136.8	1126.4	1162.6
65°	1217.6	1196.9	1227.9	1258.9	1289.8	1320.8	1301.9	1282.9	1262.3	1243.4	1284.7
67.5°	1346.6	1322.5	1355.2	1386.1	1418.8	1449.8	1427.4	1405.0	1382.7	1360.3	1408.5
70°	1446.3	1425.7	1454.9	1484.1	1513.4	1542.6	1520.3	1497.9	1475.5	1453.2	1511.7
72.5°	1485.9	1461.8	1497.9	1535.7	1571.9	1608.0	1585.6	1563.3	1539.2	1516.8	1577.0
75°	1463.5	1446.3	1496.2	1544.3	1594.2	1642.4	1609.7	1577.0	1544.3	1511.7	1565.0
77.5°	1334.5	1336.2	1406.8	1475.5	1546.1	1614.8	1556.4	1497.9	1439.4	1381.0	1406.8
80°	1050.8	1081.7	1162.6	1243.4	1322.5	1403.3	1319.1	1236.5	1152.2	1068.0	1050.8
82.5°	529.7	600.2	689.6	780.8	870.2	959.6	875.4	792.8	708.5	624.3	571.0
85°	165.1	189.2	225.3	261.4	297.5	333.6	290.6	247.6	204.7	161.7	144.5
87.5°	13.8	15.5	15.5	13.8	13.8	12.0	13.8	15.5	15.5	17.2	15.5
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°	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1	423.1
2.5°	400.7	397.3	395.5	390.4	385.2	380.1	374.9	374.9	376.6	376.6	376.6
5°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	354.3	354.3	354.3
7.5°	340.5	338.8	337.1	335.4	335.4	333.6	331.9	326.8	319.9	314.7	307.8
10°	309.6	318.2	326.8	330.2	333.6	335.4	338.8	338.8	340.5	340.5	340.5
12.5°	319.9	326.8	333.6	331.9	330.2	328.5	326.8	319.9	311.3	304.4	295.8
15°	268.3	276.9	287.2	299.2	313.0	325.0	337.1	338.8	340.5	342.2	344.0
17.5°	292.4	301.0	309.6	313.0	318.2	321.6	325.0	318.2	309.6	302.7	294.1
20°	256.2	256.2	254.5	275.2	297.5	318.2	338.8	342.2	345.7	347.4	350.8
22.5°	276.9	292.4	306.1	304.4	302.7	301.0	299.2	299.2	299.2	297.5	297.5
25°	290.6	285.5	280.3	299.2	316.4	335.4	352.5	356.0	359.4	361.1	364.6
27.5°	299.2	309.6	319.9	316.4	313.0	307.8	304.4	306.1	309.6	311.3	313.0
30°	309.6	307.8	306.1	325.0	342.2	361.1	378.3	380.1	381.8	381.8	383.5
32.5°	340.5	352.5	362.9	371.5	381.8	390.4	399.0	414.5	431.7	447.1	462.6
35°	380.1	393.8	409.3	426.5	443.7	460.9	478.1	481.5	486.7	490.1	493.6
37.5°	405.9	423.1	438.5	457.5	476.4	493.6	512.5	515.9	517.6	521.1	522.8
40°	440.3	455.7	471.2	491.8	512.5	531.4	552.0	555.5	557.2	560.6	562.4
42.5°	483.3	500.4	515.9	536.6	555.5	576.1	595.0	596.8	600.2	601.9	603.6
45°	536.6	558.9	579.6	598.5	615.7	634.6	651.8	653.5	655.2	655.2	656.9
47.5°	589.9	612.2	636.3	655.2	674.1	691.3	710.3	713.7	715.4	718.9	720.6
50°	653.5	684.5	713.7	730.9	749.8	767.0	784.2	785.9	789.4	791.1	792.8
52.5°	734.3	765.3	794.5	811.7	830.6	847.8	865.0	866.8	866.8	868.5	868.5
55°	825.5	856.4	887.4	904.6	921.8	939.0	956.2	956.2	956.2	954.5	954.5
57.5°	937.3	966.5	997.5	1014.7	1031.9	1049.0	1066.2	1066.2	1066.2	1066.2	1066.2
60°	1059.4	1093.8	1128.2	1143.6	1159.1	1174.6	1190.1	1186.6	1181.5	1178.0	1172.9
62.5°	1196.9	1233.1	1267.5	1279.5	1289.8	1301.9	1312.2	1307.0	1300.1	1295.0	1288.1
65°	1325.9	1367.2	1408.5	1417.1	1425.7	1432.6	1441.2	1432.6	1424.0	1413.6	1405.0
67.5°	1456.6	1503.1	1551.2	1554.7	1558.1	1561.5	1565.0	1556.4	1547.8	1537.5	1528.9
70°	1570.1	1628.6	1687.1	1688.8	1690.5	1692.2	1694.0	1685.4	1676.8	1666.4	1657.8
72.5°	1635.5	1695.7	1754.1	1759.3	1762.7	1767.9	1771.3	1762.7	1755.9	1747.3	1738.7
75°	1616.6	1669.9	1721.5	1716.3	1711.2	1704.3	1699.1	1685.4	1671.6	1656.1	1642.4
77.5°	1432.6	1456.6	1482.4	1454.9	1425.7	1398.2	1368.9	1355.2	1339.7	1325.9	1310.5
80°	1033.6	1014.7	997.5	945.9	894.3	841.0	789.4	755.0	720.6	686.2	651.8
82.5°	519.4	466.1	412.7	366.3	319.9	271.7	225.3	208.1	189.2	172.0	153.1
85°	129.0	111.8	94.6	87.7	80.8	73.9	67.1	58.5	51.6	43.0	34.4
87.5°	15.5	13.8	12.0	10.3	10.3	8.6	6.9	6.9	6.9	5.2	5.2
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°	423.1	423.1
2.5°	376.6	374.9
5°	354.3	354.3
7.5°	306.1	302.7
10°	340.5	340.5
12.5°	297.5	299.2
15°	344.0	344.0
17.5°	294.1	292.4
20°	350.8	350.8
22.5°	297.5	297.5
25°	364.6	362.9
27.5°	313.0	313.0
30°	383.5	383.5
32.5°	464.3	466.1
35°	495.3	495.3
37.5°	524.5	524.5
40°	562.4	560.6
42.5°	605.4	605.4
45°	658.7	658.7
47.5°	722.3	724.0
50°	792.8	792.8
52.5°	868.5	866.8
55°	954.5	954.5
57.5°	1061.1	1054.2
60°	1171.2	1169.4
62.5°	1286.4	1282.9
65°	1403.3	1399.9
67.5°	1527.1	1523.7
70°	1657.8	1656.1
72.5°	1733.5	1728.4
75°	1638.9	1635.5
77.5°	1296.7	1281.2
80°	643.2	634.6
82.5°	153.1	153.1
85°	32.7	31.0
87.5°	5.2	5.2
90°	0.0	0.0

(END OF REPORT)