

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: INVUE

Report Number: P367404

Luminaire Tested: **MSA-SA2C-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367404
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2C-727-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8838 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

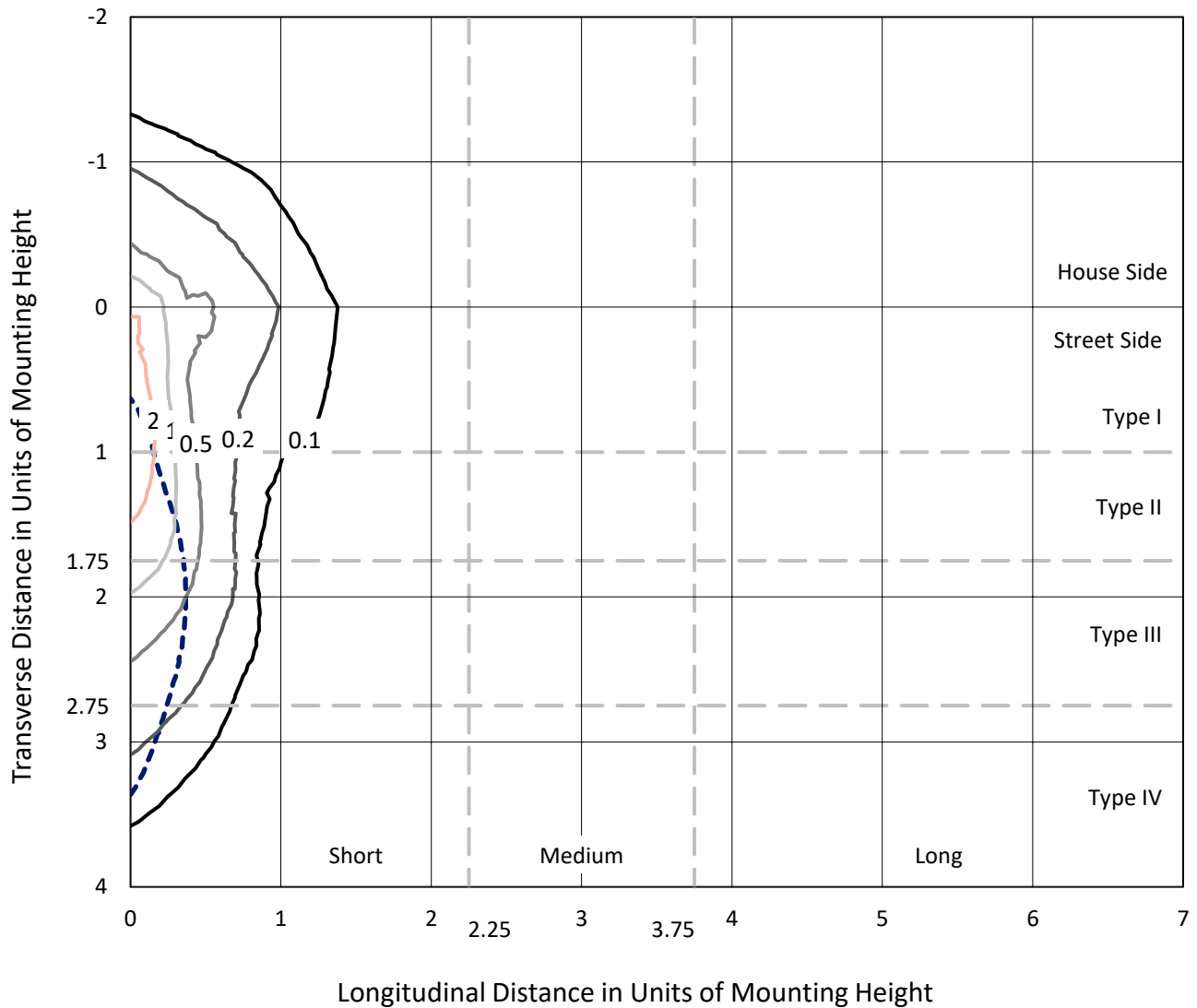
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

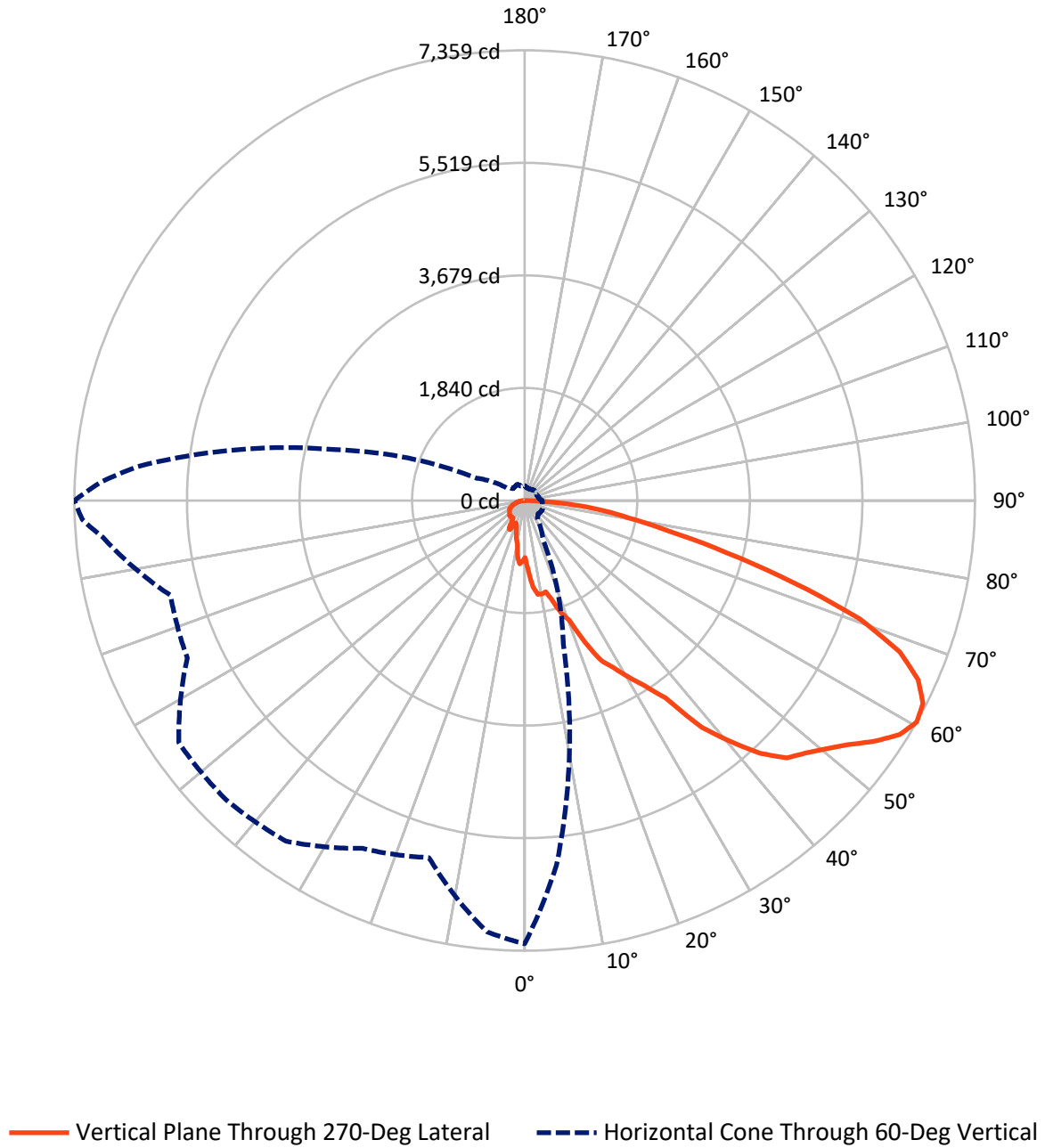
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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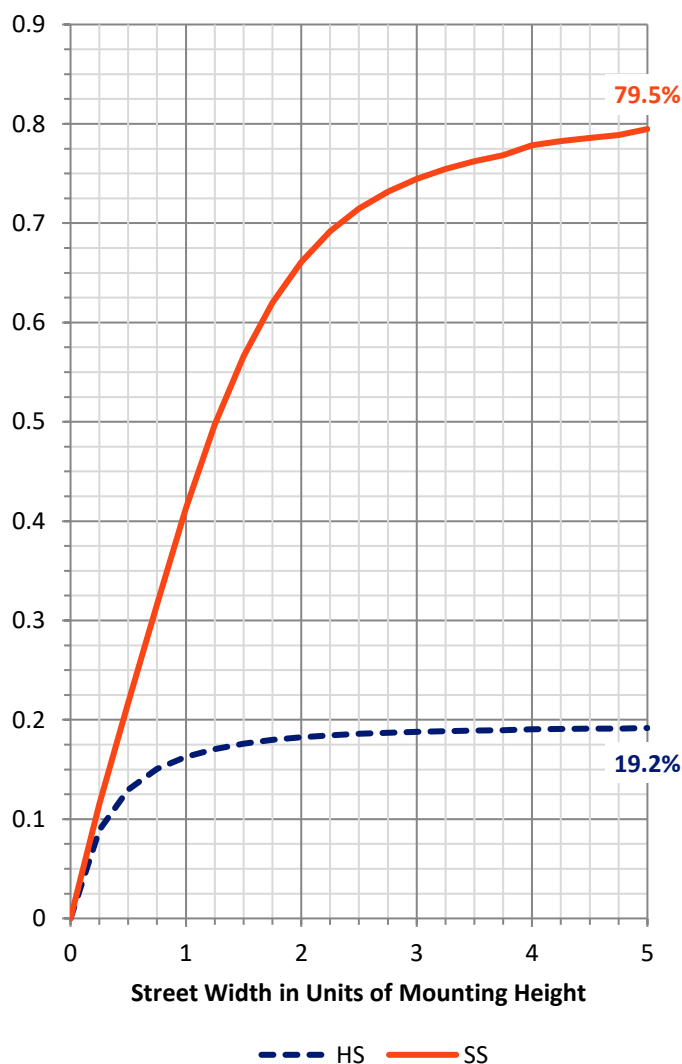
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1711.7	0.0	1711.7
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	7126.3	0.0	7126.3
	% Fixture	80.6	0.0	80.6
Total	Lumens	8838.0	0.0	8838.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.9	1.2
10°-20°	310.5	3.5
20°-30°	548.2	6.2
30°-40°	853.8	9.7
40°-50°	1405.7	15.9
50°-60°	2006.4	22.7
60°-70°	2127.5	24.1
70°-80°	1175.1	13.3
80°-90°	304.0	3.4
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°	8838.0	100.0
0°-180°	8838.0	100.0

Coefficient of Utilization



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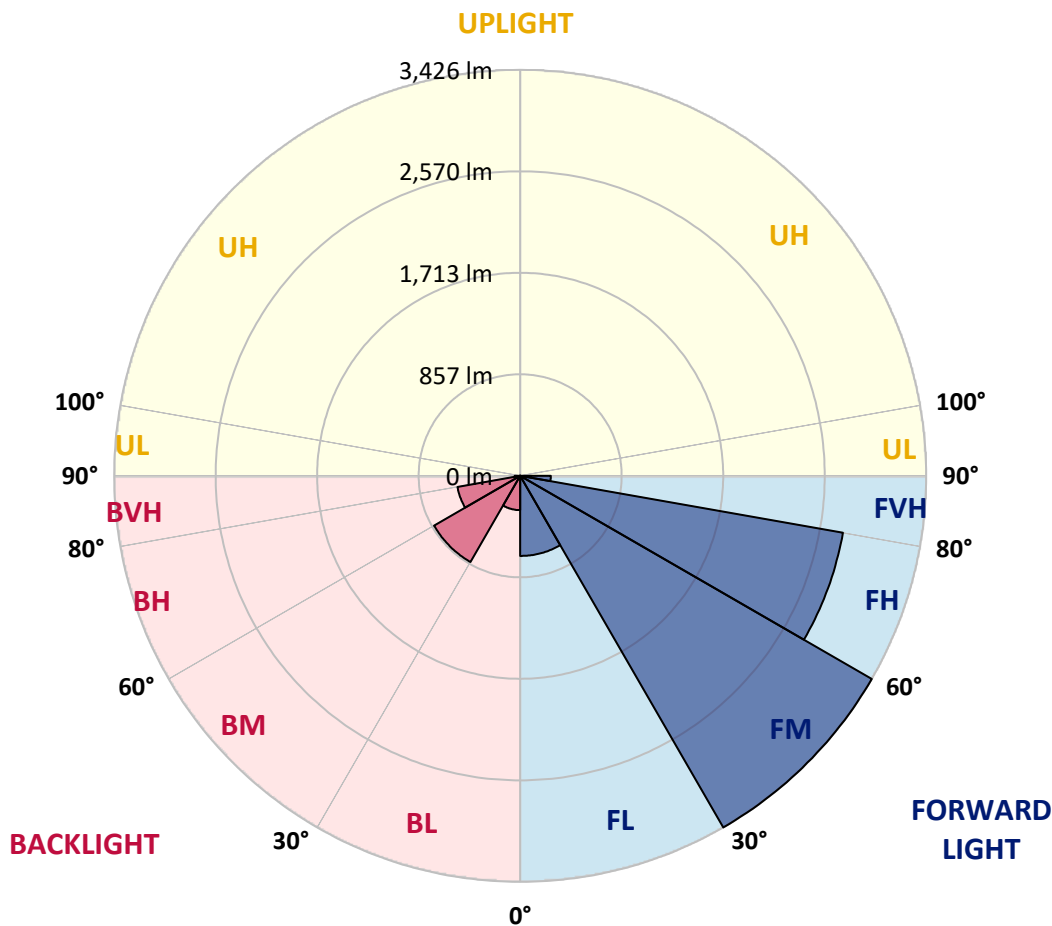
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	676.3	7.7			
FM (30°-60°)	3426.2	38.8			
FH (60°-80°)	2765.4	31.3			G2/5000
FVH (80°-90°)	258.4	2.9			G3/500
BL (0°-30°)	289.4	3.3	B1/500		
BM (30°-60°)	839.7	9.5	B1/1000		
BH (60°-80°)	537.1	6.1	B2/1000		G2/1000
BVH (80°-90°)	45.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV 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°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1248.3	1256.1	1263.4	1248.8	1234.2	1219.2	1204.6	1182.7	1160.4	1138.5	1116.2
5°	1499.3	1471.0	1442.2	1430.7	1419.5	1407.9	1396.3	1385.6	1374.9	1363.7	1353.0
7.5°	1577.8	1537.5	1496.7	1479.6	1462.4	1444.8	1427.7	1389.0	1350.4	1311.4	1272.8
10°	1491.6	1449.5	1407.1	1390.3	1373.2	1356.4	1339.3	1292.1	1245.3	1198.1	1151.0
12.5°	1561.1	1518.2	1474.8	1421.6	1368.5	1314.8	1261.6	1235.5	1209.3	1182.7	1156.5
15°	1628.0	1570.1	1511.7	1458.5	1405.3	1351.7	1298.5	1246.2	1193.9	1141.5	1089.2
17.5°	1872.5	1776.0	1679.5	1583.4	1486.9	1390.8	1294.2	1233.8	1172.8	1112.4	1051.4
20°	2170.7	2036.4	1901.7	1755.8	1609.5	1463.7	1317.4	1241.0	1165.1	1088.8	1012.4
22.5°	2525.4	2356.0	2186.5	2002.5	1818.5	1634.0	1450.0	1339.3	1228.6	1117.5	1006.8
25°	2807.3	2644.2	2481.2	2247.9	2014.5	1781.1	1547.8	1422.1	1296.4	1170.3	1044.6
27.5°	3081.0	2821.4	2561.5	2294.2	2027.4	1760.1	1492.9	1376.6	1260.4	1144.1	1027.8
30°	3312.2	3106.3	2900.3	2551.6	2202.8	1853.6	1504.9	1362.0	1219.2	1076.3	933.5
32.5°	3650.6	3356.8	3062.5	2698.7	2335.0	1971.2	1607.4	1424.7	1241.9	1059.2	876.4
35°	4046.6	3741.2	3435.7	2985.7	2536.1	2086.1	1636.1	1442.7	1248.8	1055.3	861.4
37.5°	4784.9	4246.5	3707.7	3216.5	2725.3	2233.7	1742.5	1517.7	1293.0	1067.7	843.0
40°	5192.0	4694.4	4196.7	3584.6	2972.4	2359.8	1747.7	1517.7	1287.4	1057.4	827.1
42.5°	5734.6	5105.3	4475.6	3813.7	3152.2	2490.2	1828.3	1573.5	1318.7	1063.4	808.6
45°	6065.4	5364.0	4662.2	3954.8	3247.4	2540.0	1832.6	1573.9	1315.3	1056.6	797.9
47.5°	6278.6	5605.1	4931.2	4169.7	3408.3	2646.4	1884.9	1610.4	1335.4	1060.9	785.9
50°	6480.6	5813.6	5146.1	4355.5	3565.3	2774.7	1984.0	1684.2	1384.3	1084.0	784.2
52.5°	6728.6	6114.3	5499.6	4651.5	3802.9	2954.8	2106.3	1779.8	1453.4	1126.9	800.5
55°	7089.4	6484.1	5878.3	4968.0	4057.3	3147.0	2236.3	1873.8	1511.7	1149.2	786.8
57.5°	7323.2	6709.3	6095.4	5167.1	4238.8	3310.0	2381.7	1980.2	1578.7	1176.7	775.2
60°	7245.5	6612.3	5978.7	5093.7	4208.7	3323.8	2438.8	2005.1	1571.8	1138.1	704.4
62.5°	6902.3	6229.3	5556.2	4763.4	3971.1	3178.3	2385.6	1944.6	1504.0	1063.0	622.0
65°	6422.7	5726.9	5030.7	4315.6	3600.4	2885.3	2170.2	1770.0	1369.3	969.1	568.4
67.5°	5834.2	5108.8	4382.9	3749.7	3116.6	2482.9	1849.8	1515.2	1181.0	846.4	511.8
70°	5095.9	4382.9	3669.9	3122.1	2574.3	2026.5	1478.7	1226.9	975.5	723.7	471.9
72.5°	4095.9	3480.8	2865.6	2434.5	2003.3	1572.2	1141.1	966.1	791.5	616.4	441.4
75°	2913.2	2551.6	2190.0	1854.5	1519.0	1183.1	847.7	734.4	621.2	507.9	394.7
77.5°	2070.3	1857.1	1643.9	1380.9	1117.9	855.0	592.0	525.5	459.4	392.9	326.5
80°	1530.6	1352.6	1174.6	976.4	778.2	580.0	381.8	349.2	317.0	284.4	251.8
82.5°	1007.7	927.5	846.8	689.8	532.8	375.8	218.8	206.8	194.8	182.7	170.7
85°	451.3	476.6	501.5	405.4	308.9	212.8	116.3	110.7	105.1	99.5	93.9
87.5°	43.3	63.9	84.5	72.5	60.1	48.0	35.6	35.2	35.2	34.7	34.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1122.2	1128.2	1134.2	1140.2	1133.8	1127.4	1120.5	1114.1	1105.9	1097.8	1089.2
5°	1335.0	1316.5	1298.5	1280.1	1252.6	1225.2	1197.3	1169.8	1166.4	1162.5	1159.1
7.5°	1238.9	1205.4	1171.6	1137.7	1094.8	1052.3	1009.4	966.5	953.6	940.8	927.9
10°	1128.2	1105.1	1082.3	1059.2	1032.6	1006.0	978.9	952.3	917.2	881.6	846.4
12.5°	1118.8	1081.0	1042.9	1005.1	988.8	972.5	956.2	939.9	909.0	878.1	846.8
15°	1058.7	1027.8	997.4	966.5	942.9	919.3	895.7	872.1	847.2	821.9	797.0
17.5°	1016.3	981.1	945.9	910.7	883.7	856.7	829.2	802.2	772.2	741.7	711.7
20°	972.1	932.2	891.9	851.5	817.2	783.3	749.0	714.7	681.7	649.1	616.0
22.5°	954.1	901.3	848.5	795.8	759.7	723.3	687.2	650.8	620.3	589.9	559.4
25°	981.5	918.9	855.8	792.8	744.3	695.4	646.9	598.0	572.7	547.4	521.6
27.5°	949.3	870.4	791.9	713.0	661.1	608.7	556.8	504.5	500.6	496.8	492.5
30°	850.7	767.9	685.1	602.3	554.7	506.6	459.0	411.0	402.0	392.5	383.5
32.5°	791.9	707.4	622.9	538.4	495.9	453.0	410.5	367.6	357.3	347.0	336.8
35°	769.6	677.8	586.0	494.2	457.7	421.3	384.8	348.3	341.0	334.2	326.9
37.5°	751.6	660.6	569.3	477.9	442.7	407.5	371.9	336.8	331.2	325.6	320.0
40°	734.4	642.2	549.5	456.9	425.6	394.7	363.3	332.0	328.6	325.2	321.3
42.5°	719.0	629.3	539.2	449.6	421.7	394.2	366.4	338.5	335.0	331.6	328.2
45°	710.4	622.9	535.4	447.9	427.7	407.5	386.9	366.8	358.6	350.5	341.9
47.5°	704.0	622.0	540.1	458.2	437.1	416.1	395.1	374.1	366.8	359.5	351.8
50°	705.2	626.7	547.8	468.9	443.6	417.8	392.5	366.8	365.9	365.1	364.2
52.5°	716.8	633.6	550.0	466.3	438.8	411.4	383.5	356.1	361.6	366.8	372.4
55°	700.1	613.4	526.4	439.7	413.5	387.8	361.6	335.5	342.8	349.6	356.9
57.5°	681.2	587.3	493.3	399.4	379.6	359.9	339.8	320.0	327.7	335.9	343.6
60°	618.6	532.8	447.0	361.2	347.9	334.6	321.3	308.0	311.4	314.9	318.3
62.5°	550.0	477.5	405.4	332.9	322.6	311.9	301.6	290.9	290.9	291.3	291.3
65°	506.2	444.0	381.8	319.6	308.0	296.4	284.4	272.8	271.1	269.4	267.7
67.5°	462.4	413.5	364.2	314.9	298.1	281.8	265.1	248.4	246.2	244.5	242.4
70°	428.1	384.4	340.6	296.9	278.0	259.5	240.7	221.8	220.1	218.8	217.1
72.5°	400.2	359.5	318.3	277.1	257.4	237.2	217.5	197.3	196.0	194.8	193.0
75°	358.2	322.2	285.7	249.2	229.9	211.1	191.8	172.5	170.7	169.4	167.7
77.5°	296.4	266.0	235.9	205.5	190.5	175.9	160.9	145.9	145.0	144.1	142.9
80°	228.2	204.6	180.6	157.0	147.1	136.8	127.0	116.7	116.3	115.8	115.0
82.5°	156.6	142.4	128.3	114.1	106.8	99.1	91.8	84.1	84.5	84.9	85.4
85°	89.2	84.1	79.4	74.2	68.2	62.6	56.6	50.6	51.9	53.2	54.1
87.5°	32.6	30.9	29.2	27.5	24.5	21.9	18.9	15.9	16.7	18.0	18.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1081.0	1068.2	1055.3	1042.4	1029.6	1003.0	976.8	950.2	923.6	939.9	956.6
5°	1155.2	1133.4	1111.1	1089.2	1066.9	1054.4	1042.0	1029.6	1017.1	1023.6	1030.4
7.5°	915.0	902.1	888.9	876.0	862.7	857.1	852.0	846.4	840.8	856.7	872.6
10°	810.8	792.8	774.7	756.3	738.3	727.6	716.8	706.1	695.4	699.7	704.0
12.5°	815.9	789.3	762.7	736.1	709.5	693.7	677.8	661.9	646.0	649.9	653.8
15°	771.7	744.3	716.8	689.4	661.9	643.5	624.6	606.2	587.3	580.8	574.0
17.5°	681.2	651.2	621.2	591.1	561.1	548.7	536.2	523.8	511.3	504.5	497.6
20°	583.0	555.1	527.2	499.3	471.5	462.9	454.3	445.3	436.7	432.4	427.7
22.5°	528.9	511.8	494.2	477.0	459.4	449.6	440.1	430.3	420.4	415.7	410.5
25°	496.3	499.8	503.6	507.1	510.5	506.2	501.5	497.2	492.5	494.2	495.5
27.5°	488.6	495.9	503.6	510.9	518.2	522.1	525.9	529.8	533.7	534.9	536.2
30°	374.1	377.9	381.4	385.2	388.7	399.4	410.1	420.4	431.1	447.9	465.0
32.5°	326.5	325.2	323.9	322.2	320.9	323.5	326.0	328.2	330.7	336.8	343.2
35°	319.6	316.6	313.2	310.2	306.7	308.0	309.3	310.6	311.9	316.6	321.3
37.5°	314.4	313.2	312.3	311.0	309.7	312.7	315.3	318.3	320.9	324.7	328.6
40°	317.9	317.4	317.0	316.2	315.7	317.4	319.2	320.9	322.6	327.7	332.9
42.5°	324.7	324.7	324.3	324.3	323.9	325.6	326.9	328.6	329.9	332.9	335.9
45°	333.7	332.9	332.5	331.6	330.7	330.3	330.3	329.9	329.5	331.2	333.3
47.5°	344.5	341.5	338.0	335.0	331.6	330.7	329.5	328.6	327.3	328.2	329.0
50°	363.3	355.2	347.5	339.3	331.2	329.0	326.9	324.7	322.6	322.2	322.2
52.5°	377.5	365.5	353.5	341.5	329.5	325.6	321.7	317.9	314.0	313.2	312.7
55°	363.8	354.8	346.2	337.2	328.2	322.6	316.6	311.0	305.0	303.7	302.4
57.5°	351.3	345.8	340.2	334.6	329.0	323.5	317.4	311.9	305.9	302.9	299.9
60°	321.7	321.7	322.2	322.2	322.2	316.2	310.2	304.1	298.1	295.1	292.6
62.5°	291.3	296.0	300.3	305.0	309.3	301.1	292.6	284.4	275.8	273.7	272.0
65°	266.0	267.3	269.0	270.3	271.5	265.1	258.7	252.2	245.8	244.5	242.8
67.5°	240.2	239.8	239.4	238.5	238.1	234.2	229.9	226.1	221.8	220.1	218.4
70°	215.3	214.9	214.5	213.6	213.2	209.8	206.3	202.9	199.5	198.2	196.9
72.5°	191.8	191.3	190.5	190.0	189.2	186.2	183.6	180.6	177.6	175.9	174.2
75°	166.0	165.2	164.3	163.4	162.6	160.0	157.4	154.4	151.9	150.1	148.4
77.5°	142.0	140.7	139.4	137.7	136.4	134.3	131.7	129.6	127.0	124.8	123.1
80°	114.5	113.7	112.8	111.5	110.7	108.5	106.4	103.8	101.7	99.1	97.0
82.5°	85.8	85.4	84.5	84.1	83.2	81.1	78.9	76.8	74.6	72.1	69.5
85°	55.3	54.9	54.5	54.1	53.6	51.9	50.6	48.9	47.2	44.6	42.5
87.5°	19.7	18.9	18.4	17.6	16.7	16.3	15.4	15.0	14.2	12.9	11.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	972.9	989.2	989.7	989.7	997.4	1004.7	989.7	974.6	959.2	944.2	929.2
5°	1036.9	1043.3	1041.6	1039.4	1030.0	1020.5	1010.7	1000.8	990.9	981.1	981.5
7.5°	888.4	904.3	917.2	929.6	917.6	905.6	899.1	892.7	886.3	879.8	879.0
10°	707.8	712.1	717.3	722.0	714.7	707.0	719.8	732.7	745.1	758.0	743.9
12.5°	657.6	661.5	652.5	643.0	640.0	637.0	634.0	630.6	627.6	624.2	622.5
15°	567.5	560.7	553.8	546.5	544.8	542.7	540.5	537.9	535.8	533.2	525.5
17.5°	490.8	483.9	472.3	460.3	455.6	450.4	449.1	447.9	446.1	444.9	437.6
20°	423.4	418.7	415.7	412.3	407.5	402.8	398.1	393.4	388.2	383.5	376.6
22.5°	405.8	400.7	396.8	392.5	391.7	390.8	382.2	373.2	364.6	355.6	351.8
25°	497.2	498.5	474.9	450.9	448.7	446.6	431.1	415.3	399.8	383.9	370.6
27.5°	537.1	538.4	537.5	536.7	529.8	522.5	496.3	469.7	443.6	417.0	398.1
30°	481.7	498.5	504.9	511.3	506.6	501.5	474.0	447.0	419.5	392.1	379.6
32.5°	349.2	355.2	365.9	376.2	381.8	386.9	378.4	369.8	361.2	352.6	350.5
35°	325.6	330.3	332.5	334.6	331.2	327.7	321.3	314.9	308.0	301.6	300.3
37.5°	332.0	335.9	340.2	344.5	335.0	325.2	317.9	311.0	303.7	296.4	290.4
40°	338.0	343.2	345.8	348.3	338.9	329.5	320.4	311.9	302.9	293.9	287.8
42.5°	338.9	341.9	346.6	351.3	338.0	324.3	316.2	307.6	299.4	290.9	284.8
45°	335.0	336.8	341.0	345.3	329.9	314.0	306.7	299.0	291.7	284.0	278.8
47.5°	329.5	330.3	333.7	336.8	320.4	303.7	296.9	290.0	282.7	275.8	270.7
50°	321.7	321.3	323.9	326.0	309.3	292.6	285.7	279.3	272.4	265.5	261.3
52.5°	311.9	311.0	313.6	315.7	298.1	280.6	274.5	269.0	263.0	257.0	253.5
55°	300.7	299.4	301.6	303.7	286.6	269.0	263.8	258.2	253.1	247.5	244.5
57.5°	296.4	293.4	294.7	296.0	276.7	257.4	252.2	247.1	241.9	236.8	234.7
60°	289.6	286.6	287.8	288.7	268.1	247.1	242.4	237.2	232.5	227.4	225.2
62.5°	269.8	267.7	269.4	271.1	252.7	233.8	229.5	225.6	221.4	217.1	214.1
65°	241.5	239.8	243.2	246.7	230.8	214.9	212.3	209.8	206.8	204.2	201.2
67.5°	216.6	214.9	218.4	221.8	210.2	198.6	196.0	193.5	190.9	188.3	186.6
70°	195.6	194.3	197.3	200.3	190.5	180.6	178.0	175.9	173.3	170.7	169.4
72.5°	172.0	170.3	174.2	177.6	169.4	160.9	158.7	156.1	154.0	151.4	150.6
75°	146.7	145.0	148.4	151.4	145.9	139.8	137.7	135.6	133.4	131.3	130.8
77.5°	121.0	118.8	122.3	125.3	121.8	118.0	116.3	114.1	112.4	110.2	110.2
80°	94.4	91.8	94.4	96.5	95.2	93.9	92.7	90.9	89.7	87.9	88.4
82.5°	66.9	64.3	65.6	66.9	67.8	68.6	68.6	68.6	68.6	68.6	68.6
85°	39.9	37.3	37.8	38.2	39.5	40.8	41.2	41.6	42.0	42.5	42.9
87.5°	10.3	9.0	8.2	6.9	8.2	9.0	9.9	10.3	11.2	11.6	11.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	914.2	898.7	883.7	893.1	902.1	911.6	920.6	921.0	921.0	921.5	921.5
5°	982.4	982.8	983.2	974.2	965.6	956.6	947.6	942.9	938.2	933.0	928.3
7.5°	877.7	876.8	875.6	867.0	858.4	849.8	841.2	820.6	799.6	779.0	758.0
10°	729.3	715.1	700.5	697.1	694.1	690.7	687.2	681.7	676.5	670.9	665.4
12.5°	620.7	619.0	617.3	608.3	599.3	589.9	580.8	580.8	580.8	580.8	580.8
15°	517.4	509.6	501.5	497.2	492.5	488.2	483.5	481.3	479.2	477.0	474.9
17.5°	429.8	422.5	414.8	414.0	413.1	412.3	411.4	409.2	407.1	405.0	402.8
20°	369.8	362.9	356.1	358.6	361.2	363.3	365.9	363.8	361.6	359.1	356.9
22.5°	347.5	343.6	339.3	337.2	335.0	332.5	330.3	330.3	330.7	330.7	330.7
25°	357.8	344.5	331.2	324.7	318.3	311.4	305.0	302.4	300.3	297.7	295.1
27.5°	379.2	359.9	341.0	329.9	318.7	307.6	296.4	291.7	286.6	281.8	276.7
30°	366.8	354.3	341.5	328.6	315.7	302.9	290.0	284.0	278.0	271.5	265.5
32.5°	348.3	345.8	343.6	331.6	319.6	307.2	295.1	292.6	290.4	287.8	285.3
35°	298.6	297.3	295.6	292.6	289.6	286.6	283.6	280.1	276.7	273.3	269.8
37.5°	284.8	278.8	272.8	271.5	270.3	269.0	267.7	266.4	265.1	263.4	262.1
40°	281.8	275.8	269.8	267.7	265.5	263.0	260.8	261.3	262.1	262.5	263.0
42.5°	278.4	272.4	266.0	264.3	262.5	260.8	259.1	259.5	260.4	260.8	261.3
45°	274.1	269.0	263.8	260.8	258.2	255.2	252.2	254.8	257.4	259.5	262.1
47.5°	265.5	260.0	254.8	253.1	251.4	249.2	247.5	250.1	252.7	254.8	257.4
50°	256.5	252.2	247.5	247.1	246.7	245.8	245.4	247.1	248.8	250.5	252.2
52.5°	249.7	246.2	242.4	242.4	241.9	241.9	241.5	243.2	244.9	246.2	248.0
55°	241.9	238.9	235.9	236.4	237.2	237.7	238.1	239.8	241.9	243.7	245.4
57.5°	232.1	229.9	227.4	229.1	230.4	232.1	233.4	234.7	236.4	237.7	238.9
60°	222.6	220.5	217.9	219.6	221.8	223.5	225.2	226.5	227.8	229.1	230.4
62.5°	211.1	207.6	204.6	207.2	209.3	211.9	214.1	214.9	216.2	217.1	217.9
65°	198.6	195.6	192.6	194.3	196.0	197.3	199.0	200.3	201.6	202.9	204.2
67.5°	184.5	182.7	180.6	181.9	183.2	184.5	185.7	186.2	186.2	186.6	186.6
70°	167.7	166.4	164.7	165.6	166.9	167.7	168.6	168.6	168.6	168.2	168.2
72.5°	150.1	149.3	148.4	148.9	149.7	150.1	150.6	150.1	149.7	149.3	148.9
75°	130.4	130.0	129.6	130.0	130.8	131.3	131.7	131.3	130.4	130.0	129.1
77.5°	110.7	110.7	110.7	110.7	111.1	111.1	111.1	110.2	109.4	108.5	107.7
80°	88.8	89.2	89.7	89.7	89.7	89.7	89.7	88.8	87.9	86.7	85.8
82.5°	68.6	68.6	68.6	68.6	69.1	69.1	69.1	66.9	65.2	63.1	60.9
85°	42.9	43.3	43.3	43.8	44.2	44.2	44.6	41.6	39.0	36.0	33.0
87.5°	11.6	11.6	11.6	11.6	11.6	11.2	11.2	8.6	5.6	3.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	924.0	926.6	928.7	931.3	931.7	932.2	932.2	932.6	923.6	914.6	905.2
5°	934.8	940.8	947.2	953.2	951.9	950.6	949.3	948.1	945.5	943.3	940.8
7.5°	753.3	749.0	744.3	739.6	743.4	747.3	751.1	755.0	756.7	758.4	759.7
10°	654.6	643.9	633.2	622.5	616.4	610.0	604.0	597.6	596.7	596.3	595.4
12.5°	569.7	558.1	547.0	535.4	531.9	528.1	524.6	520.8	524.2	527.6	530.7
15°	470.2	465.9	461.2	456.4	460.3	464.2	468.0	471.9	475.3	478.3	481.7
17.5°	400.7	399.0	396.8	394.7	398.1	402.0	405.4	408.8	416.5	424.3	432.0
20°	355.2	353.9	352.2	350.5	349.2	347.5	346.2	344.5	355.6	366.4	377.5
22.5°	328.2	325.6	323.0	320.4	320.9	321.3	321.3	321.7	330.7	340.2	349.2
25°	294.3	293.4	292.6	291.7	294.3	296.9	299.0	301.6	309.7	317.9	325.6
27.5°	277.1	277.6	278.0	278.4	281.8	285.7	289.1	292.6	298.1	303.7	309.3
30°	267.7	270.3	272.4	274.5	275.8	277.1	278.4	279.7	285.3	290.4	296.0
32.5°	281.8	278.4	274.5	271.1	272.8	275.0	276.7	278.4	283.6	288.7	293.9
35°	268.5	266.8	265.5	263.8	266.0	268.1	269.8	272.0	276.7	281.0	285.7
37.5°	261.7	261.3	260.8	260.4	261.7	263.0	263.8	265.1	269.4	273.7	277.6
40°	261.3	259.1	257.4	255.2	256.5	257.8	258.7	260.0	265.1	270.3	275.4
42.5°	258.7	256.1	253.1	250.5	251.8	253.5	254.8	256.1	261.7	266.8	272.4
45°	258.2	254.4	250.1	246.2	248.0	249.7	251.4	253.1	257.4	261.7	265.5
47.5°	253.5	249.7	245.8	241.9	242.8	243.7	244.1	244.9	248.8	252.2	256.1
50°	249.7	246.7	244.1	241.1	239.8	238.9	237.7	236.4	239.4	242.4	245.4
52.5°	244.9	241.9	238.5	235.5	233.8	232.1	230.4	228.6	231.2	233.4	235.9
55°	241.9	238.1	234.7	230.8	228.6	226.5	224.4	222.2	223.9	225.2	226.9
57.5°	235.5	232.1	228.2	224.8	222.2	219.6	216.6	214.1	214.9	215.8	216.6
60°	226.9	223.1	219.6	215.8	212.8	209.8	206.3	203.3	203.8	204.6	205.1
62.5°	214.5	211.1	207.2	203.8	200.3	197.3	193.9	190.5	191.3	191.8	192.6
65°	200.8	196.9	193.5	189.6	186.6	183.6	180.2	177.2	178.0	178.9	179.3
67.5°	184.0	181.0	178.5	175.5	172.9	169.9	167.3	164.3	164.7	165.2	165.6
70°	166.0	163.4	161.3	158.7	156.6	154.4	152.3	150.1	150.1	150.6	150.6
72.5°	146.7	144.6	142.4	140.3	138.1	136.4	134.3	132.1	133.0	133.8	134.3
75°	127.0	125.3	123.1	121.0	119.3	117.5	115.4	113.7	114.5	115.4	115.8
77.5°	106.4	105.1	103.4	102.1	100.4	98.7	96.5	94.8	95.7	96.5	97.0
80°	84.9	84.1	82.8	81.9	80.2	78.5	76.8	75.1	75.5	75.5	75.9
82.5°	61.3	61.8	61.8	62.2	60.9	59.2	57.9	56.2	56.2	56.2	55.8
85°	34.3	36.0	37.3	38.6	37.3	36.0	34.7	33.5	33.0	33.0	32.6
87.5°	1.3	2.1	3.4	4.3	3.9	3.4	2.6	2.1	2.6	3.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	896.1	903.4	910.7	918.0	925.3	936.5	947.6	959.2	970.8	964.4	957.5
5°	938.2	942.5	947.2	951.5	955.8	968.2	980.2	995.2	1009.8	1008.1	1006.0
7.5°	761.4	767.4	773.5	779.0	785.0	803.9	822.8	838.7	854.5	852.4	849.8
10°	594.6	607.0	619.9	632.3	644.8	660.2	675.2	688.5	701.8	724.1	746.0
12.5°	534.1	553.4	572.7	592.0	611.3	622.5	633.2	650.3	667.5	679.5	691.9
15°	484.8	502.8	520.8	538.8	556.8	557.7	558.5	576.6	594.6	604.9	614.7
17.5°	439.7	449.6	459.4	468.9	478.7	475.3	471.9	480.5	488.6	492.9	497.6
20°	388.2	395.1	402.0	408.8	415.7	420.4	424.7	429.8	434.6	430.3	425.6
22.5°	358.2	368.5	379.2	389.5	399.8	402.8	405.4	402.4	399.4	398.1	396.8
25°	333.7	346.2	359.1	371.5	383.9	389.9	396.0	398.5	400.7	396.0	391.2
27.5°	314.9	329.9	344.5	359.5	374.1	384.8	395.5	398.5	401.1	397.7	393.8
30°	301.1	317.4	333.7	350.0	366.4	382.7	398.5	412.7	426.4	425.1	423.8
32.5°	299.0	310.2	321.3	332.5	343.6	353.9	363.8	364.6	365.1	361.6	357.8
35°	290.0	297.3	304.6	311.9	319.2	325.6	331.6	330.7	329.9	326.5	323.0
37.5°	281.8	289.1	296.9	304.1	311.4	322.6	333.3	331.2	328.6	325.2	321.7
40°	280.6	288.7	296.9	304.6	312.7	323.0	333.3	331.2	329.0	324.7	320.4
42.5°	277.6	285.7	293.4	301.6	309.3	321.7	333.7	329.9	325.6	322.2	318.7
45°	269.8	277.1	284.4	291.7	299.0	312.3	325.6	320.9	316.2	314.9	313.2
47.5°	259.5	266.8	274.1	281.4	288.7	302.0	314.9	311.0	306.7	306.3	305.4
50°	248.4	255.2	262.5	269.4	276.3	289.6	302.4	299.0	295.6	296.0	296.0
52.5°	238.1	244.5	250.5	257.0	263.0	276.3	289.1	286.6	283.6	284.4	284.8
55°	228.2	233.4	238.5	243.7	248.8	261.7	274.5	270.7	266.8	268.1	269.4
57.5°	217.5	221.8	226.1	229.9	234.2	247.1	259.5	255.2	250.5	252.7	254.4
60°	205.5	209.3	213.2	216.6	220.5	232.1	243.2	239.4	235.1	238.1	240.7
62.5°	193.0	196.0	199.0	202.1	205.1	215.8	226.5	223.5	220.5	223.9	226.9
65°	180.2	182.3	184.9	187.0	189.2	199.5	209.3	207.2	205.1	208.1	211.1
67.5°	166.0	167.7	169.9	171.6	173.3	182.7	192.2	190.0	187.5	190.0	192.2
70°	150.6	152.3	153.6	155.3	156.6	165.2	173.7	170.7	167.3	169.9	172.0
72.5°	135.1	136.0	137.3	138.1	139.0	145.4	151.9	149.3	146.7	149.3	151.4
75°	116.7	117.5	118.4	119.3	120.1	125.7	130.8	127.8	124.4	127.0	129.6
77.5°	97.8	98.2	99.1	99.5	100.0	103.8	107.2	104.2	100.8	103.8	106.8
80°	75.9	76.4	76.8	76.8	77.2	78.5	79.8	77.6	75.1	78.9	82.8
82.5°	55.8	55.3	55.3	54.9	54.5	54.5	54.1	52.8	51.0	54.5	57.9
85°	32.2	31.7	30.9	30.5	29.6	28.3	27.0	26.6	26.2	29.2	32.2
87.5°	3.4	3.0	2.1	1.7	0.9	0.4	0.0	0.0	0.0	1.7	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	951.1	944.2	937.8	931.3	924.9	918.5	930.5	942.5	954.5	966.5	977.2
5°	1004.2	1002.1	996.5	991.4	985.8	980.2	983.2	986.7	989.7	992.7	999.1
7.5°	847.7	845.1	857.1	868.7	880.7	892.3	895.3	897.9	900.9	903.4	901.7
10°	768.3	790.2	795.8	800.9	806.5	811.6	820.2	828.8	836.9	845.5	850.2
12.5°	704.0	716.0	735.7	755.9	775.6	795.3	808.2	821.1	833.9	846.8	873.4
15°	625.0	634.9	649.9	664.9	679.9	695.0	713.4	732.3	750.7	769.2	798.3
17.5°	501.9	506.2	517.4	528.5	539.2	550.4	575.3	599.7	624.6	649.1	682.5
20°	421.3	416.5	416.5	417.0	417.0	417.0	441.9	466.3	491.2	515.6	559.8
22.5°	395.1	393.8	389.1	383.9	379.2	374.1	386.9	400.2	413.1	426.0	462.0
25°	386.1	381.4	375.4	369.4	363.3	357.3	365.5	373.6	381.8	389.9	418.3
27.5°	390.4	386.5	389.5	392.1	395.1	397.7	400.2	402.8	405.4	408.0	417.8
30°	422.5	421.3	426.0	430.3	435.0	439.3	433.3	427.7	421.7	415.7	419.1
32.5°	354.3	350.5	348.8	347.0	345.3	343.6	343.2	342.8	341.9	341.5	349.2
35°	319.6	316.2	313.6	311.0	308.0	305.4	306.7	307.6	308.9	309.7	318.3
37.5°	318.3	314.9	311.9	308.9	305.4	302.4	303.7	305.4	306.7	308.0	314.4
40°	316.2	311.9	310.2	308.4	306.7	305.0	305.9	306.7	307.2	308.0	312.7
42.5°	314.9	311.4	310.6	309.7	308.9	308.0	308.9	309.7	310.2	311.0	316.6
45°	311.9	310.2	311.0	311.9	312.7	313.6	313.6	313.6	313.6	313.6	319.6
47.5°	305.0	304.1	306.7	309.3	311.9	314.4	318.7	323.0	326.9	331.2	332.5
50°	296.4	296.4	300.7	305.0	308.9	313.2	323.5	333.3	343.6	353.5	347.0
52.5°	285.7	286.1	292.6	298.6	305.0	311.0	320.4	329.9	338.9	348.3	338.9
55°	270.3	271.5	279.7	287.4	295.6	303.3	310.6	317.9	325.2	332.5	322.6
57.5°	256.5	258.2	266.8	275.0	283.6	291.7	296.0	300.7	305.0	309.3	302.9
60°	243.7	246.2	257.4	268.5	279.3	290.4	287.0	283.6	279.7	276.3	275.8
62.5°	230.4	233.4	243.7	254.0	263.8	274.1	269.0	263.8	258.2	253.1	255.2
65°	213.6	216.6	221.4	226.1	230.4	235.1	234.7	234.7	234.2	233.8	238.1
67.5°	194.8	196.9	199.9	202.5	205.5	208.1	209.8	211.9	213.6	215.3	220.5
70°	174.6	176.7	179.7	182.3	185.3	187.9	190.0	192.2	193.9	196.0	201.2
72.5°	154.0	156.1	159.2	162.2	164.7	167.7	169.4	171.2	172.5	174.2	178.5
75°	132.1	134.7	137.7	140.3	143.3	145.9	147.1	148.4	149.7	151.0	154.9
77.5°	109.8	112.8	115.8	118.8	121.8	124.8	125.3	125.7	126.1	126.5	130.0
80°	86.2	90.1	93.1	96.1	99.1	102.1	102.1	102.1	102.1	102.1	103.8
82.5°	61.3	64.8	68.2	71.2	74.6	77.6	77.6	77.2	77.2	76.8	76.8
85°	35.2	38.2	40.3	42.9	45.0	47.2	47.2	47.2	46.8	46.8	45.9
87.5°	5.6	7.3	8.2	9.4	10.3	11.2	10.7	10.7	10.3	9.9	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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	987.9	998.7	1009.4	1007.7	1006.0	1004.2	1002.5	1009.0	1015.0	1021.4	1027.4
5°	1005.1	1011.5	1017.5	1022.3	1027.0	1031.7	1036.4	1058.3	1079.7	1101.6	1123.1
7.5°	900.0	897.9	896.1	916.3	936.9	957.1	977.2	1005.1	1033.0	1060.9	1088.8
10°	855.0	859.7	864.4	872.6	881.1	889.3	897.4	924.9	952.3	979.8	1007.3
12.5°	899.6	926.2	952.3	958.8	965.6	972.1	978.5	984.1	989.7	994.8	1000.4
15°	827.5	856.7	885.8	902.6	919.3	935.6	952.3	994.4	1036.0	1078.0	1119.6
17.5°	715.5	749.0	782.0	823.2	864.4	905.6	946.8	985.4	1024.0	1062.2	1100.8
20°	604.0	647.8	691.9	737.0	781.6	826.6	871.3	909.0	946.8	984.1	1021.8
22.5°	497.6	533.7	569.3	624.2	678.7	733.6	788.0	858.4	928.3	998.7	1068.6
25°	446.1	474.5	502.3	559.0	615.6	671.8	728.4	819.8	910.7	1002.1	1093.0
27.5°	428.1	438.0	447.9	499.3	550.4	601.9	652.9	751.6	850.2	948.5	1047.1
30°	422.5	426.0	429.4	469.7	510.1	550.4	590.7	688.1	785.9	883.3	980.7
32.5°	356.5	364.2	371.5	411.0	450.0	489.5	528.5	626.7	724.6	822.8	920.6
35°	326.9	335.5	344.0	382.7	421.3	459.4	498.0	601.4	705.2	808.6	912.0
37.5°	320.9	327.3	333.7	377.5	421.3	465.0	508.8	613.4	718.1	822.8	927.5
40°	317.9	322.6	327.3	369.8	412.7	455.2	497.6	607.4	716.8	826.6	936.0
42.5°	321.7	327.3	332.5	371.1	409.2	447.9	486.0	599.7	713.0	826.6	939.9
45°	325.2	331.2	336.8	372.8	408.8	444.9	480.9	602.3	723.3	844.7	965.6
47.5°	333.3	334.6	335.5	366.8	397.7	429.0	459.9	583.4	707.0	830.1	953.6
50°	340.2	333.7	326.9	359.5	391.7	424.3	456.4	573.5	690.7	807.3	924.5
52.5°	329.5	319.6	310.2	345.3	380.5	415.3	450.4	567.5	685.1	802.2	919.3
55°	313.2	303.3	293.4	329.0	364.6	400.2	435.8	552.5	669.6	786.3	903.0
57.5°	296.9	290.4	284.0	313.2	342.8	371.9	401.1	527.6	653.8	780.3	906.4
60°	275.4	274.5	274.1	296.9	320.0	342.8	365.5	489.5	613.0	737.0	860.5
62.5°	257.0	259.1	260.8	279.3	297.7	315.7	334.2	453.9	574.0	693.7	813.4
65°	242.8	247.1	251.4	272.4	293.4	314.0	335.0	435.4	535.8	636.2	736.6
67.5°	225.6	230.8	235.9	263.4	290.9	318.3	345.8	428.6	511.3	594.1	676.9
70°	205.9	211.1	215.8	251.0	285.7	320.9	355.6	429.0	502.8	576.1	649.5
72.5°	182.7	187.0	191.3	229.1	266.8	304.6	342.3	404.5	466.7	528.5	590.7
75°	159.2	163.0	166.9	199.5	232.1	264.7	297.3	345.3	392.9	441.0	488.6
77.5°	133.0	136.4	139.4	161.3	183.2	205.1	226.9	263.8	300.3	337.2	373.6
80°	105.5	107.2	109.0	121.8	134.3	147.1	159.6	184.0	208.5	232.5	257.0
82.5°	77.2	77.2	77.2	85.4	93.9	102.1	110.2	122.7	134.7	147.1	159.2
85°	45.0	43.8	42.9	48.5	54.1	59.6	65.2	70.4	75.5	80.6	85.8
87.5°	7.3	5.6	4.3	7.7	11.2	14.6	18.0	19.7	21.9	23.6	25.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1012.8	998.7	984.1	969.5	990.9	1012.4	1033.8	1055.3	1112.4	1146.2	1148.4
5°	1141.1	1159.1	1177.1	1195.1	1213.2	1231.2	1248.8	1266.8	1359.4	1416.5	1427.2
7.5°	1118.4	1148.4	1178.0	1207.6	1258.6	1309.7	1360.7	1411.8	1490.3	1546.9	1584.2
10°	1044.1	1081.0	1117.9	1154.8	1215.3	1276.2	1336.7	1397.2	1480.4	1555.1	1590.7
12.5°	1059.2	1117.9	1176.3	1235.0	1287.4	1340.1	1392.5	1444.8	1502.3	1530.6	1595.4
15°	1160.4	1201.2	1241.9	1282.7	1361.6	1440.1	1519.0	1597.5	1630.1	1694.9	1753.3
17.5°	1175.8	1250.5	1325.6	1400.2	1496.7	1593.2	1689.8	1786.3	1846.8	1930.4	2000.8
20°	1127.8	1233.3	1339.3	1444.8	1569.2	1694.1	1818.5	1942.9	2019.6	2090.0	2199.0
22.5°	1185.3	1302.0	1418.2	1534.9	1700.1	1864.8	2029.9	2194.7	2355.1	2512.1	2585.9
25°	1248.8	1404.9	1560.6	1716.4	1922.7	2128.6	2335.0	2540.9	2747.2	2894.3	2979.3
27.5°	1204.2	1360.7	1517.7	1674.3	1929.6	2185.2	2440.5	2695.7	2916.7	3093.8	3166.7
30°	1172.8	1365.0	1557.2	1749.4	2048.8	2348.2	2647.7	2947.1	3151.3	3349.1	3456.3
32.5°	1167.3	1413.9	1660.2	1906.8	2255.6	2603.9	2952.7	3301.0	3436.6	3612.0	3756.6
35°	1182.7	1453.8	1724.5	1995.2	2395.0	2794.8	3194.2	3594.0	3786.6	3960.4	4086.9
37.5°	1229.9	1532.3	1834.3	2136.8	2618.5	3100.7	3582.4	4064.2	4387.2	4705.1	4761.7
40°	1256.5	1577.4	1897.8	2218.3	2778.5	3338.8	3899.0	4459.3	4830.8	5179.5	5203.1
42.5°	1287.8	1635.7	1983.2	2331.1	2952.3	3573.9	4195.0	4816.2	5276.1	5651.0	5662.1
45°	1323.8	1681.6	2039.8	2397.6	3046.2	3694.4	4343.0	4991.2	5547.2	6002.7	5891.6
47.5°	1338.0	1722.8	2107.2	2491.5	3183.0	3874.1	4565.7	5256.7	5755.7	6170.1	6063.7
50°	1343.6	1763.1	2182.2	2601.3	3317.7	4034.6	4751.0	5467.4	5974.9	6379.0	6216.0
52.5°	1378.3	1837.3	2296.3	2755.4	3501.8	4248.2	4994.6	5741.1	6240.4	6628.6	6426.2
55°	1425.1	1947.2	2468.8	2990.9	3763.5	4535.6	5308.2	6080.4	6581.4	6942.7	6691.7
57.5°	1468.4	2030.8	2592.8	3154.7	3955.2	4756.1	5556.6	6357.1	6864.6	7221.9	6978.7
60°	1447.4	2034.2	2621.1	3207.9	3994.7	4781.0	5567.8	6354.1	6930.2	7358.8	7234.4
62.5°	1383.9	1954.4	2524.6	3095.1	3842.0	4588.4	5335.3	6081.7	6756.0	7305.6	7300.0
65°	1261.6	1786.7	2311.4	2836.4	3527.5	4219.0	4910.1	5601.2	6396.1	7063.6	7107.0
67.5°	1112.8	1548.6	1984.5	2420.3	3071.1	3721.9	4372.6	5023.4	5873.2	6609.8	6647.1
70°	968.6	1288.2	1607.4	1926.6	2498.0	3069.4	3640.3	4211.7	5070.1	5815.3	5849.6
72.5°	799.6	1008.5	1217.0	1425.9	1888.8	2351.7	2814.1	3277.0	4030.7	4603.8	4797.3
75°	612.6	736.6	860.5	984.5	1359.0	1733.5	2107.6	2482.1	2983.1	3406.1	3624.0
77.5°	438.0	502.3	566.7	631.0	949.3	1267.6	1585.5	1903.8	2167.2	2407.0	2554.2
80°	287.4	317.4	347.9	377.9	642.6	907.3	1171.6	1436.2	1596.7	1725.4	1799.6
82.5°	174.2	189.2	203.8	218.8	433.3	647.8	861.8	1076.3	1168.1	1229.5	1295.5
85°	93.9	102.1	110.2	118.4	256.1	393.4	531.1	668.4	677.4	684.7	782.9
87.5°	27.5	30.0	32.2	34.3	56.6	79.4	101.7	124.0	77.2	48.0	98.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1135.9	1130.4	1124.8	1118.8	1113.2	1089.6	1066.5	1042.9	1019.3	1042.0	1064.3
5°	1414.8	1431.9	1448.7	1465.8	1483.0	1484.3	1485.1	1486.4	1487.3	1491.6	1495.9
7.5°	1615.5	1646.0	1676.0	1706.5	1736.9	1760.5	1784.1	1808.2	1831.8	1810.3	1788.9
10°	1632.7	1697.1	1761.4	1825.7	1890.1	1901.7	1912.8	1924.4	1936.0	1951.4	1966.5
12.5°	1649.9	1728.4	1806.4	1884.9	1963.5	1997.8	2031.7	2066.0	2099.9	2116.6	2132.9
15°	1831.3	1877.7	1923.6	1969.9	2015.8	2039.4	2062.5	2086.1	2109.7	2123.9	2137.6
17.5°	2064.7	2081.9	2098.6	2115.7	2132.9	2148.8	2164.6	2180.5	2196.4	2199.0	2201.5
20°	2277.5	2280.9	2283.9	2287.3	2290.3	2256.9	2223.8	2190.4	2156.9	2162.9	2168.5
22.5°	2596.6	2577.8	2559.3	2540.4	2522.0	2458.9	2396.3	2333.2	2270.6	2243.6	2217.0
25°	3077.1	3029.0	2981.0	2933.0	2884.9	2784.5	2684.6	2584.2	2484.2	2425.5	2367.1
27.5°	3232.0	3127.3	3023.0	2918.4	2813.7	2737.8	2662.3	2586.3	2510.8	2417.7	2324.7
30°	3545.1	3380.0	3215.2	3050.1	2884.9	2811.6	2738.2	2664.4	2591.1	2495.8	2401.0
32.5°	3822.7	3651.1	3479.5	3307.5	3135.9	2996.9	2857.9	2718.9	2579.9	2515.6	2451.2
35°	4144.0	3928.2	3712.4	3496.6	3280.9	3161.6	3042.8	2923.5	2804.7	2707.3	2610.4
37.5°	4612.0	4382.5	4153.0	3923.0	3693.5	3532.2	3371.4	3210.1	3049.2	2995.6	2942.4
40°	5058.1	4787.0	4516.3	4245.2	3974.5	3851.0	3727.4	3603.5	3479.9	3389.4	3298.9
42.5°	5431.8	5163.7	4896.0	4627.9	4360.2	4270.1	4180.4	4090.3	4000.7	3926.0	3851.4
45°	5560.0	5341.3	5122.9	4904.1	4685.3	4653.6	4622.3	4590.5	4559.2	4503.9	4448.5
47.5°	5766.4	5543.3	5320.7	5097.6	4874.5	4886.1	4897.7	4909.7	4921.3	4924.3	4926.9
50°	5887.8	5675.9	5464.4	5252.5	5041.0	5097.2	5152.9	5209.1	5265.3	5392.7	5519.7
52.5°	6065.0	5856.9	5649.3	5441.2	5233.2	5328.4	5423.2	5518.4	5613.2	5791.7	5970.1
55°	6287.2	6088.1	5889.5	5690.5	5491.8	5584.5	5676.7	5769.4	5861.6	6060.2	6258.9
57.5°	6581.9	6368.7	6155.9	5942.7	5729.9	5815.3	5900.2	5985.6	6070.5	6259.3	6448.0
60°	6917.3	6685.7	6454.0	6222.0	5990.3	6013.9	6037.1	6060.7	6083.8	6288.5	6492.6
62.5°	7082.1	6867.6	6653.5	6439.0	6224.5	6158.9	6093.3	6027.2	5961.6	6144.7	6327.5
65°	6939.2	6791.6	6644.5	6496.9	6349.4	6233.5	6118.1	6002.3	5886.5	6001.0	6115.1
67.5°	6484.5	6400.8	6317.6	6234.0	6150.3	5956.0	5761.7	5566.9	5372.6	5380.3	5387.6
70°	5747.5	5725.2	5703.3	5681.0	5658.7	5366.6	5074.9	4782.7	4490.6	4446.0	4401.4
72.5°	4813.6	4828.2	4842.4	4856.9	4871.5	4557.5	4243.5	3929.5	3615.5	3541.2	3467.0
75°	3728.3	3808.9	3889.6	3970.7	4051.3	3751.0	3450.7	3150.0	2849.7	2758.4	2667.0
77.5°	2634.4	2785.0	2935.1	3085.7	3236.2	2964.7	2693.6	2422.0	2150.5	2091.3	2032.1
80°	1836.9	1910.7	1984.5	2058.3	2132.0	1995.6	1859.2	1722.8	1586.4	1602.7	1618.6
82.5°	1338.0	1355.2	1371.9	1389.0	1406.2	1350.4	1294.7	1238.5	1182.7	1225.2	1267.6
85°	857.1	918.5	979.4	1040.7	1101.6	1039.9	978.1	915.9	854.1	882.4	910.7
87.5°	191.8	303.3	414.8	526.8	638.3	578.3	518.6	458.6	398.5	371.5	344.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1087.0	1109.8	1102.9	1096.5	1089.6	1082.8	1095.2	1107.6	1120.5	1132.9	1128.7
5°	1500.6	1504.9	1464.1	1423.8	1383.0	1342.3	1367.6	1392.9	1418.2	1443.5	1434.5
7.5°	1767.4	1746.0	1722.4	1698.8	1674.7	1651.2	1646.0	1640.9	1635.3	1630.1	1623.3
10°	1981.9	1996.9	1981.5	1966.5	1951.0	1935.6	1899.5	1863.5	1827.0	1791.0	1776.0
12.5°	2149.6	2166.4	2170.2	2173.7	2177.5	2181.4	2141.1	2101.2	2060.8	2020.5	1984.0
15°	2151.8	2165.9	2178.4	2190.4	2202.8	2214.8	2190.0	2165.5	2140.6	2115.7	2104.2
17.5°	2204.5	2207.1	2196.8	2187.0	2176.7	2166.8	2156.9	2147.5	2137.6	2128.2	2109.7
20°	2174.5	2180.5	2179.2	2177.9	2176.2	2174.9	2175.8	2176.2	2177.1	2177.5	2167.2
22.5°	2190.0	2162.9	2168.5	2173.7	2179.2	2184.4	2199.8	2215.3	2231.1	2246.6	2287.8
25°	2308.4	2249.6	2240.6	2232.0	2223.0	2214.4	2254.7	2294.6	2335.0	2375.3	2442.2
27.5°	2231.1	2138.0	2117.5	2096.9	2076.3	2055.7	2117.0	2177.9	2239.3	2300.6	2368.8
30°	2305.8	2211.0	2165.5	2120.0	2074.1	2028.7	2087.4	2145.8	2204.5	2262.9	2338.4
32.5°	2386.9	2322.5	2292.1	2262.0	2231.6	2201.5	2206.3	2211.0	2215.7	2220.4	2326.8
35°	2513.0	2415.6	2385.6	2355.5	2325.5	2295.5	2345.7	2395.4	2445.6	2495.4	2585.5
37.5°	2888.8	2835.1	2781.1	2727.0	2672.6	2618.5	2648.1	2677.7	2707.3	2736.9	2821.8
40°	3208.4	3117.8	3108.8	3100.3	3091.2	3082.2	3084.8	3087.0	3089.5	3092.1	3164.6
42.5°	3776.3	3701.7	3655.8	3609.9	3564.0	3518.1	3515.1	3512.1	3508.6	3505.6	3560.1
45°	4392.8	4337.4	4303.1	4268.8	4234.1	4199.7	4145.3	4090.8	4035.9	3981.4	4029.0
47.5°	4929.9	4932.9	4995.1	5056.8	5119.0	5181.2	5088.2	4995.1	4902.0	4808.9	4747.5
50°	5647.1	5774.1	5789.1	5803.7	5818.7	5833.7	5675.9	5518.4	5360.6	5202.7	5138.4
52.5°	6149.0	6327.5	6304.3	6281.6	6258.4	6235.3	6143.9	6052.9	5961.6	5870.2	5729.9
55°	6457.9	6656.5	6638.9	6621.8	6604.2	6586.6	6520.1	6453.6	6387.1	6320.6	6166.6
57.5°	6636.8	6825.5	6830.7	6835.8	6841.0	6846.1	6828.5	6811.0	6793.4	6775.8	6575.4
60°	6697.3	6901.9	6904.0	6905.8	6907.9	6909.6	6881.7	6853.9	6825.5	6797.7	6666.8
62.5°	6510.7	6693.4	6701.6	6709.3	6717.4	6725.6	6706.3	6687.0	6667.7	6648.4	6551.4
65°	6229.7	6344.2	6346.4	6348.1	6350.2	6352.4	6303.5	6255.0	6206.1	6157.2	6134.0
67.5°	5395.3	5403.0	5448.5	5494.0	5539.4	5584.9	5588.8	5592.6	5596.9	5600.8	5567.3
70°	4356.7	4312.1	4361.5	4410.8	4460.1	4509.5	4530.5	4551.5	4573.0	4594.0	4609.4
72.5°	3392.4	3318.2	3354.6	3391.1	3428.0	3464.5	3433.1	3401.8	3370.5	3339.2	3438.3
75°	2575.6	2484.2	2479.5	2475.2	2470.5	2466.2	2450.3	2434.5	2418.2	2402.3	2495.0
77.5°	1972.5	1913.3	1916.3	1918.8	1921.8	1924.4	1908.1	1892.2	1875.9	1859.6	1895.2
80°	1634.9	1650.7	1651.2	1651.6	1652.0	1652.4	1637.0	1622.0	1606.5	1591.1	1565.4
82.5°	1310.5	1353.0	1352.6	1352.6	1352.2	1351.7	1350.9	1350.0	1348.7	1347.9	1305.8
85°	939.0	967.4	938.2	909.0	879.8	850.7	872.1	893.6	915.4	936.9	919.3
87.5°	317.9	291.3	256.5	222.2	187.5	152.7	190.0	227.4	265.1	302.4	323.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404

CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2	932.2
2.5°	1124.8	1120.5	1116.6	1089.6	1062.2	1035.1	1007.7	1057.4	1107.6	1157.4	1207.2
5°	1425.9	1416.9	1408.3	1406.2	1404.1	1401.5	1399.3	1424.7	1450.0	1474.8	1500.2
7.5°	1616.4	1609.5	1602.7	1584.7	1567.1	1549.1	1531.0	1546.5	1561.5	1576.9	1592.0
10°	1761.4	1746.4	1731.4	1692.3	1653.7	1614.7	1575.7	1564.1	1552.5	1540.9	1529.3
12.5°	1947.6	1910.7	1874.2	1830.0	1785.4	1741.2	1696.6	1690.6	1684.6	1679.0	1673.0
15°	2093.0	2081.4	2069.8	2034.7	1999.5	1964.3	1929.1	1881.9	1834.3	1787.1	1740.0
17.5°	2091.7	2073.3	2055.3	2102.4	2149.2	2196.4	2243.1	2193.0	2142.3	2092.1	2042.0
20°	2156.9	2146.2	2135.9	2223.0	2309.6	2396.7	2483.4	2455.9	2428.0	2400.6	2372.7
22.5°	2328.5	2369.7	2410.5	2485.1	2559.3	2634.0	2708.2	2739.5	2770.8	2802.1	2833.4
25°	2508.7	2575.6	2642.5	2753.6	2864.3	2975.4	3086.5	3108.8	3131.1	3153.4	3175.8
27.5°	2436.6	2504.8	2573.0	2657.1	2740.8	2824.8	2908.5	3006.3	3104.5	3202.4	3300.2
30°	2413.5	2489.0	2564.0	2679.4	2794.4	2909.8	3025.2	3159.9	3294.6	3428.9	3563.6
32.5°	2432.8	2539.1	2645.5	2801.7	2957.4	3113.6	3269.7	3411.3	3553.3	3694.8	3836.4
35°	2675.1	2765.2	2854.9	3029.5	3204.1	3378.7	3553.3	3719.3	3885.3	4050.9	4216.9
37.5°	2906.4	2991.3	3076.2	3254.7	3432.7	3611.2	3789.6	4051.7	4314.3	4576.4	4838.5
40°	3236.7	3309.2	3381.2	3534.0	3686.7	3839.4	3992.1	4308.3	4624.4	4940.6	5256.7
42.5°	3614.2	3668.7	3722.7	3881.0	4039.3	4197.6	4355.9	4699.9	5044.4	5388.4	5732.5
45°	4076.2	4123.8	4171.4	4280.4	4389.3	4498.7	4607.7	4962.5	5317.2	5672.0	6026.8
47.5°	4686.2	4624.9	4563.5	4617.1	4670.8	4724.4	4778.0	5128.9	5479.8	5830.3	6181.2
50°	5074.0	5009.7	4945.3	4950.0	4954.3	4959.0	4963.8	5291.1	5618.4	5945.3	6272.6
52.5°	5589.6	5448.9	5308.7	5307.4	5306.1	5304.4	5303.1	5588.4	5874.1	6159.3	6444.6
55°	6012.6	5858.6	5704.6	5674.6	5644.5	5614.1	5584.1	5866.3	6148.2	6430.4	6712.3
57.5°	6375.1	6174.3	5974.0	5926.8	5879.6	5832.4	5785.3	6089.4	6394.0	6698.1	7002.3
60°	6536.4	6405.6	6275.2	6217.2	6159.3	6101.4	6043.5	6302.6	6561.7	6820.4	7079.5
62.5°	6454.9	6357.9	6261.4	6274.7	6288.0	6301.3	6314.6	6462.6	6611.0	6759.0	6907.0
65°	6111.3	6088.1	6065.4	6172.6	6279.9	6387.1	6494.4	6496.5	6498.7	6500.8	6502.9
67.5°	5533.9	5500.4	5467.0	5690.0	5912.7	6135.7	6358.8	6252.8	6146.9	6041.4	5935.4
70°	4624.4	4639.9	4654.9	4958.6	5261.9	5565.6	5869.3	5715.8	5561.8	5408.2	5254.2
72.5°	3537.4	3636.9	3736.0	4050.9	4365.8	4680.6	4995.5	4820.0	4644.2	4468.7	4292.8
75°	2587.6	2680.3	2772.9	3084.0	3395.0	3706.4	4017.4	3808.9	3600.4	3392.4	3183.9
77.5°	1930.8	1966.9	2002.5	2261.2	2519.4	2778.1	3036.3	2827.0	2617.7	2408.7	2199.4
80°	1540.0	1514.3	1489.0	1632.3	1775.6	1918.8	2062.1	1913.7	1764.8	1616.4	1468.0
82.5°	1264.2	1222.2	1180.6	1233.8	1286.9	1340.6	1393.8	1274.9	1156.1	1037.3	918.5
85°	901.7	884.1	866.5	882.0	897.0	912.4	927.9	812.1	696.2	580.8	465.0
87.5°	344.9	366.4	387.8	412.3	436.3	460.7	484.8	379.6	274.5	169.9	64.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367404
 CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	932.2	932.2
2.5°	1227.7	1248.3
5°	1499.7	1499.3
7.5°	1585.1	1577.8
10°	1510.4	1491.6
12.5°	1617.3	1561.1
15°	1684.2	1628.0
17.5°	1957.4	1872.5
20°	2271.9	2170.7
22.5°	2679.4	2525.4
25°	2991.7	2807.3
27.5°	3190.8	3081.0
30°	3437.9	3312.2
32.5°	3743.7	3650.6
35°	4132.0	4046.6
37.5°	4811.9	4784.9
40°	5224.6	5192.0
42.5°	5733.8	5734.6
45°	6046.1	6065.4
47.5°	6230.1	6278.6
50°	6376.8	6480.6
52.5°	6586.6	6728.6
55°	6901.0	7089.4
57.5°	7162.7	7323.2
60°	7162.7	7245.5
62.5°	6904.9	6902.3
65°	6463.0	6422.7
67.5°	5884.8	5834.2
70°	5175.2	5095.9
72.5°	4194.6	4095.9
75°	3048.8	2913.2
77.5°	2135.0	2070.3
80°	1499.3	1530.6
82.5°	963.1	1007.7
85°	458.2	451.3
87.5°	54.1	43.3
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P367404
CATALOG NUMBER: MSA-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)