

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: P367403

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

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367403
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
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-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7526 lumens
Efficiency: N/A
Efficacy: 66.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

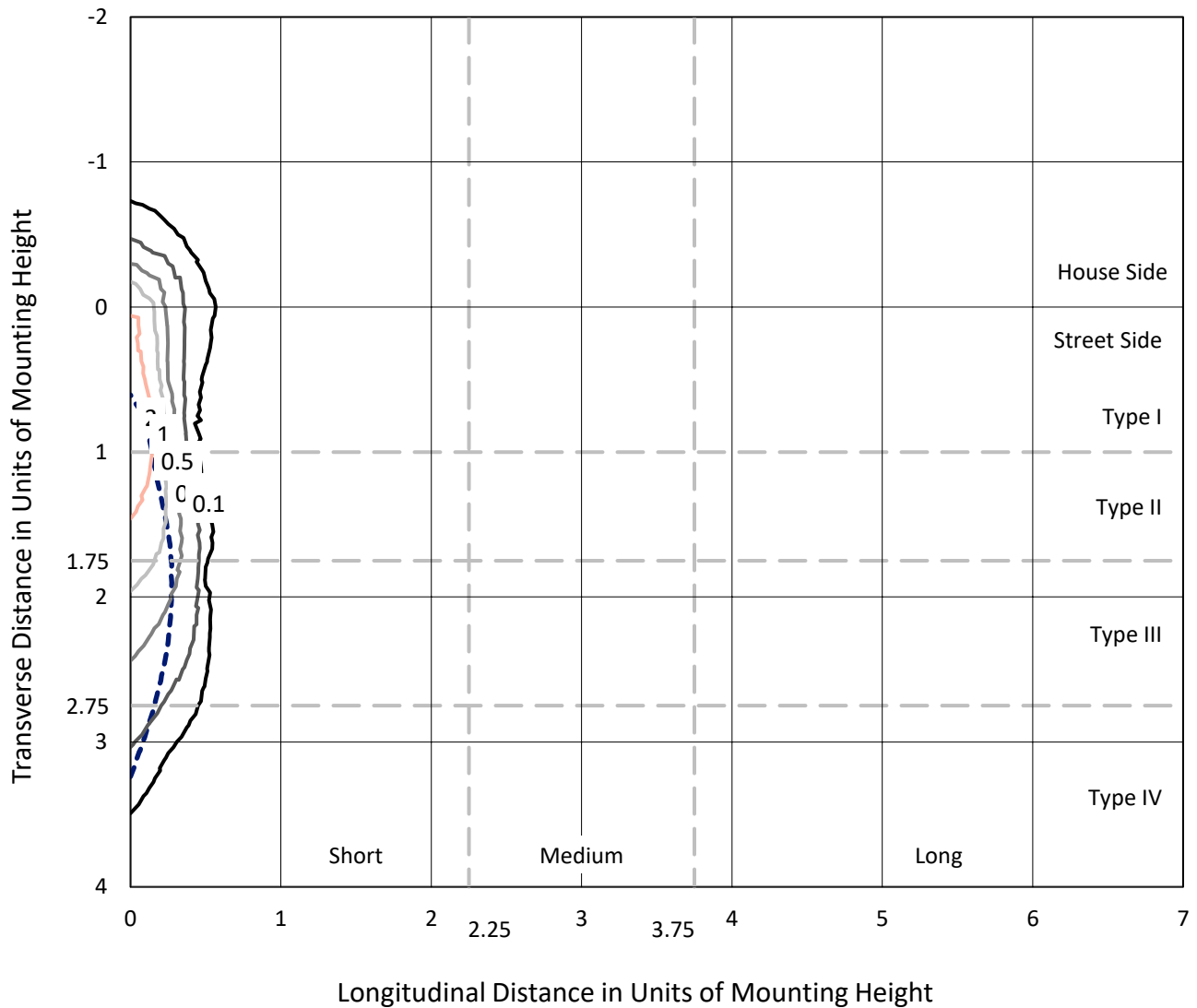
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

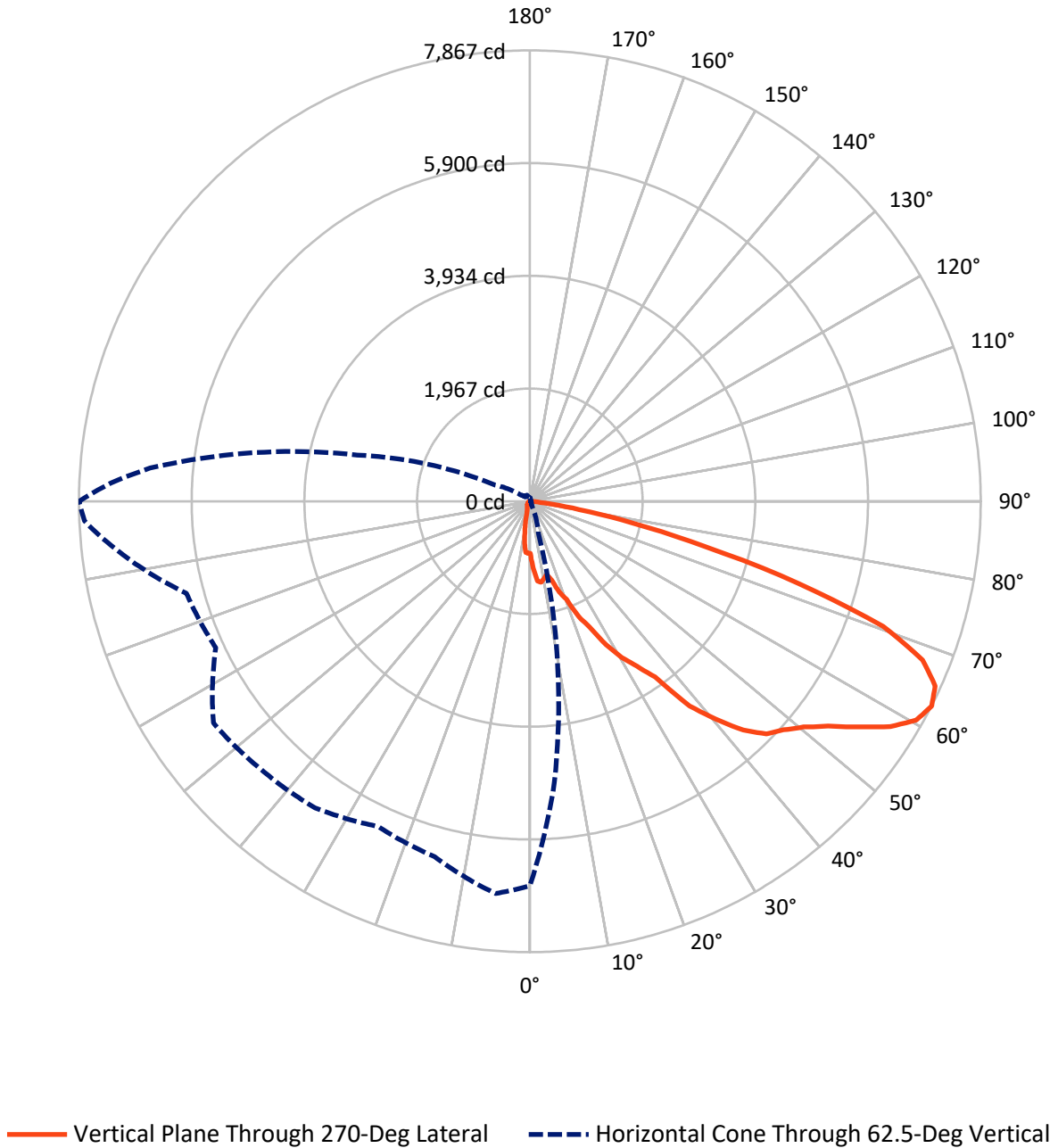
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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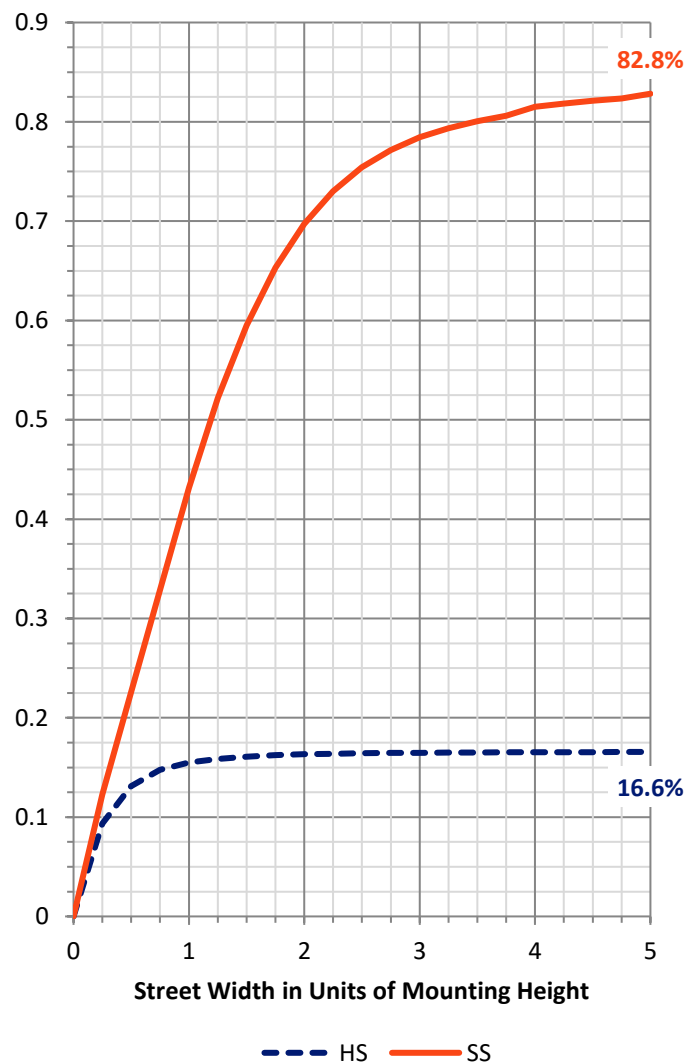
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1256.7	0.0	1256.7
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	6269.3	0.0	6269.3
	% Fixture	83.3	0.0	83.3
Total	Lumens	7526.0	0.0	7526.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.3	1.3
10°-20°	264.7	3.5
20°-30°	427.8	5.7
30°-40°	716.5	9.5
40°-50°	1171.4	15.6
50°-60°	1734.0	23.0
60°-70°	1990.7	26.5
70°-80°	984.3	13.1
80°-90°	135.2	1.8
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°	7526.0	100.0
0°-180°	7526.0	100.0



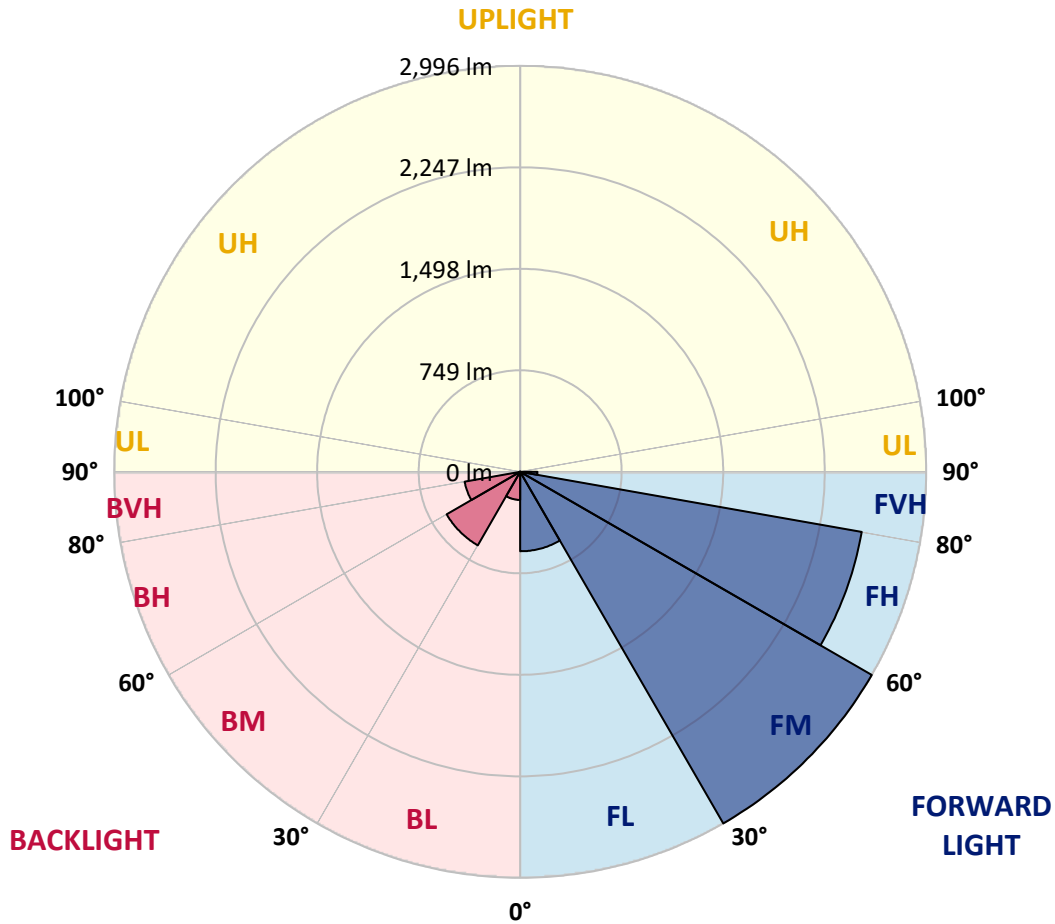
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	586.3	7.8			
FM (30°-60°)	2995.7	39.8			
FH (60°-80°)	2559.2	34.0			G2/5000
FVH (80°-90°)	128.0	1.7			G2/225
BL (0°-30°)	207.5	2.8	B1/500		
BM (30°-60°)	626.2	8.3	B1/1000		
BH (60°-80°)	415.8	5.5	B1/500		G1/500
BVH (80°-90°)	7.2	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

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°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	1202.5	1217.5	1232.1	1204.2	1176.3	1148.4	1120.6	1095.7	1070.8	1045.5	1020.6
5°	1547.4	1520.0	1492.5	1454.8	1417.0	1379.3	1341.5	1323.9	1306.3	1288.7	1271.1
7.5°	1667.5	1618.6	1569.3	1535.8	1502.8	1469.3	1435.9	1383.1	1329.9	1277.2	1224.0
10°	1573.2	1521.3	1468.9	1439.7	1410.6	1381.4	1352.2	1286.6	1220.5	1154.9	1088.8
12.5°	1616.5	1560.3	1504.1	1444.0	1384.0	1323.9	1263.9	1213.7	1163.0	1112.8	1062.2
15°	1646.5	1582.2	1517.4	1448.8	1380.1	1311.5	1242.8	1183.6	1124.9	1065.7	1006.4
17.5°	1822.8	1730.6	1638.4	1532.8	1427.3	1321.8	1216.2	1147.6	1079.4	1010.7	942.1
20°	2049.4	1918.5	1787.2	1644.4	1501.5	1358.7	1215.8	1130.4	1045.1	959.7	874.3
22.5°	2312.8	2149.3	1985.4	1809.1	1633.2	1456.9	1280.6	1157.9	1035.2	912.5	789.8
25°	2577.9	2430.3	2282.7	2045.5	1808.3	1570.6	1333.4	1177.6	1021.5	865.7	709.6
27.5°	3056.7	2792.8	2529.0	2227.0	1925.4	1623.4	1321.3	1142.9	964.4	785.5	607.0
30°	3369.8	3166.9	2963.6	2564.6	2166.1	1767.1	1368.1	1142.0	915.9	689.4	463.3
32.5°	3744.4	3447.5	3150.2	2717.3	2284.5	1851.6	1418.7	1153.2	887.2	621.6	355.6
35°	4165.2	3842.2	3519.1	2970.9	2422.6	1873.9	1325.6	1068.2	810.8	553.4	296.0
37.5°	4908.7	4368.1	3827.6	3188.4	2548.7	1909.5	1269.9	1012.9	755.5	498.5	241.1
40°	5330.8	4814.7	4298.6	3499.8	2701.0	1902.2	1103.4	875.2	647.4	419.1	190.9
42.5°	5880.0	5225.3	4570.2	3677.4	2784.7	1891.9	999.2	788.1	577.0	365.5	154.4
45°	6205.6	5463.8	4722.1	3754.7	2787.3	1819.8	852.4	669.7	486.9	304.2	121.4
47.5°	6411.1	5667.2	4923.3	3884.6	2846.5	1807.8	769.2	601.0	432.9	264.7	96.5
50°	6515.3	5769.3	5022.8	3955.4	2888.1	1820.3	752.9	585.6	417.9	250.5	82.8
52.5°	6623.8	5904.4	5184.5	4078.1	2971.7	1865.3	758.9	588.2	417.9	247.1	76.4
55°	6843.1	6133.5	5423.5	4254.0	3084.6	1915.1	745.6	577.4	409.3	240.7	72.5
57.5°	7112.5	6354.0	5595.1	4382.7	3170.4	1958.0	745.6	576.6	407.6	238.1	69.1
60°	7061.4	6238.2	5414.5	4238.1	3061.8	1885.1	708.7	547.8	387.4	226.5	65.6
62.5°	6710.9	5817.3	4923.3	3836.2	2748.6	1661.5	574.0	445.7	317.5	188.8	60.5
65°	6299.1	5350.6	4401.6	3401.2	2400.3	1399.8	399.0	313.2	226.9	141.1	54.9
67.5°	5803.2	4791.6	3780.0	2890.2	2000.9	1111.1	221.4	178.5	135.6	92.2	49.3
70°	4942.6	3898.4	2853.7	2169.9	1486.5	802.7	118.8	100.4	81.9	63.5	45.0
72.5°	3710.5	2753.8	1797.1	1365.1	933.5	501.5	69.5	62.6	55.3	48.5	41.2
75°	2524.7	1807.8	1091.0	830.6	570.6	310.2	49.8	46.3	42.5	39.0	35.2
77.5°	1716.5	1241.5	766.6	585.2	403.7	222.2	40.8	38.6	36.5	33.9	31.7
80°	1071.7	733.6	395.5	304.6	213.2	122.3	30.9	29.6	28.3	26.6	25.3
82.5°	749.5	448.3	147.1	115.0	82.8	50.2	18.0	18.4	18.9	18.9	19.3
85°	314.5	169.9	25.3	21.5	17.6	13.7	9.9	10.7	12.0	12.9	13.7
87.5°	5.6	3.0	0.0	0.9	2.1	3.0	3.9	5.1	6.0	7.3	8.2
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°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	1027.0	1033.5	1039.5	1045.9	1040.8	1036.0	1030.9	1025.8	1018.0	1010.7	1003.0
5°	1249.7	1228.2	1206.8	1185.3	1152.7	1120.1	1087.1	1054.5	1050.6	1046.8	1042.5
7.5°	1173.8	1123.6	1072.9	1022.7	975.6	928.4	881.2	834.0	819.4	805.2	790.7
10°	1050.2	1011.6	972.6	933.9	900.1	865.7	831.8	797.5	761.9	726.3	690.3
12.5°	1021.9	981.6	940.8	900.5	869.6	838.7	807.8	776.9	737.0	697.1	657.2
15°	962.7	918.9	875.2	831.4	790.2	749.0	707.4	666.2	618.2	570.1	522.1
17.5°	890.2	838.7	786.8	734.9	680.8	626.8	572.7	518.7	463.3	408.4	353.1
20°	804.0	733.6	662.8	592.5	525.5	458.6	391.3	324.3	289.6	255.3	220.5
22.5°	698.9	607.5	516.5	425.1	370.2	314.9	260.0	204.6	189.6	174.6	159.6
25°	606.2	502.8	399.4	296.0	261.3	226.5	191.8	157.0	150.2	142.9	136.0
27.5°	509.7	412.7	315.3	217.9	198.2	178.0	158.3	138.1	133.4	129.1	124.4
30°	390.8	318.3	245.4	172.9	160.0	147.1	133.8	121.0	118.8	116.3	114.1
32.5°	302.9	249.7	196.9	143.7	136.4	129.1	121.8	114.5	111.1	107.7	103.8
35°	253.1	210.6	167.7	124.8	119.7	114.1	109.0	103.4	100.0	96.1	92.7
37.5°	209.8	178.9	147.6	116.3	110.7	105.1	99.1	93.5	90.9	88.4	85.8
40°	172.9	154.9	136.9	118.8	110.7	102.5	94.4	86.2	84.1	81.9	79.8
42.5°	142.9	131.3	119.3	107.7	101.7	96.1	90.1	84.1	81.1	77.7	74.6
45°	115.4	109.0	103.0	96.5	97.0	97.4	97.4	97.8	90.1	81.9	74.2
47.5°	93.5	90.5	87.1	84.1	87.5	90.9	94.0	97.4	89.2	81.1	72.5
50°	80.2	78.1	75.5	72.9	76.4	80.2	83.7	87.1	83.7	80.7	77.2
52.5°	73.4	70.4	67.4	64.4	65.6	67.4	68.6	69.9	69.9	69.9	69.9
55°	69.1	66.1	62.6	59.2	57.9	56.2	54.9	53.2	51.1	49.3	47.2
57.5°	65.6	62.2	58.3	54.9	52.8	50.2	48.0	45.5	43.3	40.8	38.6
60°	62.2	58.8	54.9	51.5	49.3	47.2	44.6	42.5	39.9	37.8	35.2
62.5°	57.5	54.5	51.5	48.5	46.3	44.6	42.5	40.3	37.8	35.2	32.2
65°	52.3	50.2	47.6	45.0	42.9	40.8	38.6	36.5	33.9	31.7	29.2
67.5°	47.6	45.5	43.8	41.6	39.0	36.9	34.3	31.7	30.0	28.3	26.2
70°	43.8	42.0	40.8	39.0	36.5	34.3	31.7	29.2	27.9	26.2	24.9
72.5°	39.9	38.6	36.9	35.6	33.5	31.3	29.2	27.0	25.7	24.5	23.2
75°	34.3	33.5	32.6	31.7	29.6	27.5	24.9	22.7	22.3	21.9	21.5
77.5°	30.9	30.5	29.6	28.7	26.6	24.5	22.3	20.2	20.6	21.0	21.0
80°	25.3	25.3	24.9	24.9	23.2	21.5	19.3	17.6	18.4	19.7	20.6
82.5°	19.3	19.3	19.3	19.3	17.6	15.9	14.2	12.4	13.7	14.6	15.9
85°	13.3	12.9	12.4	12.0	10.7	9.9	8.6	7.3	9.0	10.3	12.0
87.5°	8.2	8.6	8.6	8.6	7.7	6.4	5.6	4.3	5.1	5.6	6.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	995.3	982.4	969.6	956.3	943.4	913.4	883.3	853.3	823.3	845.6	867.4
5°	1038.6	1013.7	988.4	963.5	938.2	927.1	916.4	905.2	894.0	895.8	897.9
7.5°	776.1	759.8	743.5	726.7	710.4	707.0	704.0	700.6	697.1	704.4	711.3
10°	654.7	631.9	608.8	586.0	562.9	550.4	538.0	525.5	513.1	511.8	510.1
12.5°	617.3	582.6	548.3	513.5	478.8	451.7	424.7	397.7	370.7	372.8	375.0
15°	474.1	439.3	405.0	370.2	335.5	313.6	291.3	269.4	247.1	240.7	234.2
17.5°	297.7	272.0	246.2	220.1	194.3	187.0	180.2	172.9	165.6	163.5	161.3
20°	185.8	174.6	163.5	151.9	140.7	139.0	137.3	135.6	133.8	135.1	136.4
22.5°	144.6	139.9	134.7	130.0	124.8	123.1	121.4	119.7	118.0	119.3	120.1
25°	128.7	125.3	121.8	118.4	115.0	113.3	111.1	109.4	107.3	108.1	109.4
27.5°	119.7	116.7	113.7	110.7	107.7	104.7	102.1	99.1	96.1	97.8	99.1
30°	111.5	108.1	105.1	101.7	98.2	95.2	92.2	88.8	85.8	87.5	89.2
32.5°	100.4	97.4	94.0	90.9	87.5	85.8	84.1	81.9	80.2	81.5	82.4
35°	88.8	86.2	84.1	81.5	78.9	77.2	75.9	74.2	72.5	72.9	73.8
37.5°	83.2	80.2	77.2	74.2	71.2	70.4	69.5	68.2	67.4	67.4	67.4
40°	77.7	74.6	71.6	68.2	65.2	63.9	62.6	61.3	60.1	60.1	60.1
42.5°	71.2	68.2	65.2	62.2	59.2	57.9	56.2	54.9	53.2	53.2	53.2
45°	66.1	63.1	60.5	57.5	54.5	52.3	50.2	47.6	45.5	45.0	44.6
47.5°	64.4	60.1	55.8	51.5	47.2	45.0	42.9	40.3	38.2	37.8	37.3
50°	73.8	65.2	56.6	48.0	39.5	37.8	36.0	34.3	32.6	31.7	31.3
52.5°	69.9	60.9	51.9	42.9	33.9	32.6	31.3	30.0	28.7	27.9	27.0
55°	45.0	41.2	37.8	33.9	30.0	29.2	28.3	27.0	26.2	25.3	24.5
57.5°	36.0	33.9	32.2	30.0	27.9	27.0	26.2	24.9	24.0	22.7	21.9
60°	32.6	30.9	29.2	27.5	25.7	24.9	24.0	23.2	22.3	21.0	20.2
62.5°	29.6	28.3	27.0	25.7	24.5	23.6	22.7	21.9	21.0	19.7	18.4
65°	26.6	25.7	24.9	24.0	23.2	22.3	21.5	20.2	19.3	18.0	16.7
67.5°	24.5	24.0	23.6	23.2	22.7	21.9	20.6	19.7	18.4	17.2	15.4
70°	23.2	23.2	23.2	22.7	22.7	21.9	20.6	19.7	18.4	16.7	15.4
72.5°	21.9	22.3	22.7	22.7	23.2	21.9	20.6	19.3	18.0	16.3	15.0
75°	21.0	21.5	21.9	21.9	22.3	21.5	20.6	19.3	18.4	16.7	15.0
77.5°	21.5	21.9	21.9	22.3	22.3	21.5	20.6	19.3	18.4	16.3	14.2
80°	21.5	21.0	20.6	19.7	19.3	17.6	15.9	13.7	12.0	9.4	7.3
82.5°	16.7	15.9	15.4	14.6	13.7	12.0	10.3	8.6	6.9	5.1	3.4
85°	13.3	12.4	12.0	11.2	10.3	9.0	7.3	6.0	4.3	3.4	2.1
87.5°	6.9	6.4	5.6	5.1	4.3	3.4	2.1	1.3	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	889.8	911.6	908.6	905.6	919.8	933.9	923.6	913.8	903.5	893.2	871.7
5°	899.6	901.3	898.3	894.9	895.3	895.8	888.9	882.0	875.2	868.3	867.0
7.5°	718.6	725.4	734.9	743.9	744.3	744.3	739.2	734.0	728.5	723.3	725.9
10°	508.8	507.1	509.7	512.2	511.8	510.9	524.7	538.4	551.7	565.4	555.6
12.5°	376.7	378.8	368.1	357.4	361.2	364.7	366.8	368.9	371.1	373.2	379.2
15°	227.8	221.4	213.6	205.9	209.8	213.2	217.1	220.5	224.4	227.8	231.7
17.5°	158.7	156.6	153.2	149.3	149.7	150.2	150.6	151.0	151.0	151.4	152.3
20°	137.7	139.0	136.4	133.4	132.6	131.3	130.4	129.6	128.3	127.4	126.1
22.5°	121.4	122.3	122.7	122.7	121.0	118.8	117.1	115.8	114.1	112.4	111.5
25°	110.3	111.1	110.3	109.0	108.1	107.3	106.4	105.1	104.2	103.0	102.5
27.5°	100.8	102.1	102.1	101.7	100.8	99.5	97.4	95.7	93.5	91.4	91.8
30°	90.9	92.7	92.7	92.2	91.8	91.4	89.2	87.1	84.9	82.8	83.7
32.5°	83.7	84.5	84.1	83.7	83.7	83.2	81.5	80.2	78.5	76.8	76.8
35°	74.2	74.6	74.6	74.6	74.6	74.2	72.9	71.6	70.4	69.1	69.5
37.5°	67.4	67.4	68.6	69.5	68.6	67.8	66.9	65.6	64.8	63.5	63.5
40°	59.6	59.6	60.9	61.8	60.9	60.1	59.6	58.8	58.3	57.5	57.5
42.5°	52.8	52.8	54.1	54.9	54.9	54.5	53.6	52.8	51.9	51.1	51.5
45°	44.2	43.8	45.9	47.6	46.8	45.9	45.9	45.5	45.5	45.0	45.5
47.5°	36.5	36.0	37.8	39.5	39.0	38.2	38.2	38.2	38.2	38.2	38.6
50°	30.5	29.6	31.3	32.6	32.2	31.3	31.3	31.7	31.7	31.7	32.2
52.5°	26.2	25.3	26.6	27.5	27.0	26.6	26.6	27.0	27.0	27.0	27.5
55°	23.2	22.3	23.6	24.5	24.0	23.2	23.6	23.6	24.0	24.0	24.0
57.5°	20.6	19.3	20.2	21.0	21.0	20.6	21.0	21.0	21.5	21.5	21.5
60°	18.9	17.6	18.4	18.9	18.9	18.4	18.9	18.9	19.3	19.3	19.3
62.5°	16.7	15.4	16.3	16.7	16.7	16.3	16.7	16.7	17.2	17.2	17.2
65°	15.0	13.7	14.2	14.6	14.6	14.6	15.0	15.0	15.4	15.4	15.4
67.5°	14.2	12.4	12.9	13.3	13.3	13.3	13.7	13.7	14.2	14.2	14.6
70°	13.7	12.0	12.4	12.4	12.9	12.9	12.9	13.3	13.3	13.3	13.3
72.5°	13.3	11.6	11.6	11.6	12.0	12.0	12.0	12.4	12.4	12.4	12.4
75°	13.3	11.6	11.2	10.7	11.2	11.2	11.2	11.6	11.6	11.6	11.6
77.5°	11.6	9.4	8.6	7.3	8.6	9.4	9.9	9.9	10.3	10.3	10.3
80°	4.7	2.1	1.3	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0
82.5°	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	850.3	828.8	807.4	817.7	828.0	838.3	848.6	847.7	846.4	845.6	844.3
5°	866.2	864.9	863.6	857.6	852.0	846.0	840.0	838.7	837.0	835.7	834.0
7.5°	728.5	730.6	733.2	726.3	719.4	712.6	705.7	688.1	670.5	652.5	634.9
10°	545.7	535.4	525.5	524.7	523.8	523.0	522.1	520.4	518.7	516.5	514.8
12.5°	385.7	391.7	397.7	395.5	393.4	390.8	388.7	391.7	395.1	398.1	401.1
15°	235.1	239.0	242.4	250.1	257.8	265.6	273.3	276.3	279.7	282.7	285.7
17.5°	153.2	153.6	154.4	163.0	171.2	179.8	187.9	193.5	199.1	204.2	209.8
20°	124.8	123.6	122.3	127.0	131.7	136.4	141.1	146.3	151.4	156.6	161.7
22.5°	111.1	110.3	109.4	111.1	112.8	114.1	115.8	119.7	124.0	127.8	131.7
25°	102.1	101.2	100.8	101.7	102.5	103.4	104.2	106.4	108.5	110.7	112.8
27.5°	91.8	92.2	92.2	93.1	93.5	94.4	94.8	95.7	97.0	97.8	98.7
30°	84.1	84.9	85.4	86.2	86.7	87.5	87.9	87.5	87.1	86.7	86.2
32.5°	76.8	76.4	76.4	77.2	77.7	78.5	78.9	79.8	80.7	81.1	81.9
35°	69.5	69.9	69.9	69.9	70.4	70.4	70.4	71.2	72.5	73.4	74.2
37.5°	63.1	63.1	62.6	63.9	64.8	66.1	66.9	67.8	69.1	69.9	70.8
40°	57.5	57.5	57.5	58.3	59.2	59.6	60.5	62.6	64.8	66.9	69.1
42.5°	51.5	51.9	51.9	52.8	53.6	54.1	54.9	56.6	57.9	59.6	60.9
45°	45.9	46.3	46.8	47.6	48.0	48.9	49.3	50.2	50.6	51.5	51.9
47.5°	39.5	39.9	40.3	41.2	41.6	42.5	42.9	42.5	42.5	42.0	41.6
50°	33.0	33.5	33.9	35.2	36.0	37.3	38.2	37.3	36.5	35.2	34.3
52.5°	27.9	27.9	28.3	29.2	30.0	30.5	31.3	30.9	30.5	30.0	29.6
55°	24.0	24.0	24.0	24.5	24.9	25.3	25.7	26.2	26.2	26.6	26.6
57.5°	21.5	21.0	21.0	21.5	21.9	21.9	22.3	22.7	22.7	23.2	23.2
60°	19.3	18.9	18.9	19.3	19.7	20.2	20.6	20.6	20.6	20.2	20.2
62.5°	17.2	17.2	17.2	17.6	17.6	18.0	18.0	18.0	18.4	18.4	18.4
65°	15.9	15.9	15.9	15.9	15.9	15.4	15.4	15.9	15.9	16.3	16.3
67.5°	14.6	15.0	15.0	14.6	14.2	13.7	13.3	13.7	13.7	14.2	14.2
70°	13.3	13.3	13.3	12.9	12.4	12.0	11.6	11.6	11.6	11.2	11.2
72.5°	12.4	12.0	12.0	11.6	10.7	10.3	9.4	9.0	9.0	8.6	8.2
75°	11.6	11.2	11.2	10.3	9.4	8.6	7.7	7.3	6.4	6.0	5.1
77.5°	10.3	10.3	10.3	9.0	8.2	6.9	5.6	4.7	3.9	2.6	1.7
80°	3.4	3.9	4.3	3.9	3.9	3.4	3.0	2.1	1.7	0.9	0.0
82.5°	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	849.0	853.7	858.4	863.2	863.6	864.0	864.4	864.9	854.2	843.0	832.3
5°	842.6	851.6	860.2	868.7	864.0	859.3	854.6	849.9	849.4	849.4	849.0
7.5°	636.2	637.1	638.4	639.2	640.9	642.7	643.9	645.7	652.5	659.4	665.8
10°	509.2	503.7	497.6	492.1	487.8	483.1	478.8	474.1	477.5	481.3	484.8
12.5°	396.4	391.7	386.5	381.8	380.1	378.4	376.2	374.5	385.7	396.8	407.6
15°	284.9	284.0	282.7	281.9	287.4	293.0	298.6	304.2	313.6	322.6	332.1
17.5°	211.9	214.1	216.2	218.4	221.8	225.2	228.2	231.7	238.5	245.8	252.7
20°	164.3	167.3	169.9	172.5	171.6	170.7	169.5	168.6	174.2	179.8	184.9
22.5°	134.3	136.4	139.0	141.1	141.6	142.0	142.4	142.9	146.3	149.3	152.7
25°	115.0	117.5	119.7	121.8	122.3	122.7	123.1	123.6	127.8	132.1	136.0
27.5°	101.7	104.2	107.3	109.8	110.7	111.5	112.4	113.3	115.8	118.0	120.6
30°	89.7	93.1	96.5	100.0	101.2	102.5	103.8	105.1	107.7	110.7	113.3
32.5°	83.7	85.8	87.5	89.2	92.2	94.8	97.8	100.4	103.4	106.8	109.8
35°	76.8	78.9	81.5	83.7	85.8	87.9	89.7	91.8	93.5	95.2	96.5
37.5°	72.5	74.6	76.4	78.1	78.9	79.8	80.2	81.1	81.9	82.8	83.2
40°	69.1	68.6	68.6	68.2	69.1	70.4	71.2	72.1	74.6	76.8	79.4
42.5°	60.1	58.8	57.9	56.6	58.8	60.5	62.6	64.4	67.8	71.2	74.6
45°	51.1	50.2	48.9	48.0	51.1	54.1	57.1	60.1	63.9	67.4	71.2
47.5°	42.0	42.5	42.5	42.9	45.9	48.9	51.5	54.5	58.3	62.2	66.1
50°	35.2	36.0	36.9	37.8	40.8	43.3	46.3	48.9	53.2	57.1	61.3
52.5°	30.9	32.2	33.0	34.3	36.9	39.9	42.5	45.0	48.9	52.8	56.6
55°	27.9	29.6	30.9	32.2	34.3	36.5	38.6	40.8	44.6	48.5	51.9
57.5°	24.5	25.7	27.0	28.3	30.5	32.6	34.3	36.5	39.9	43.8	47.2
60°	21.5	22.3	23.6	24.5	26.2	28.3	30.0	31.7	35.2	38.6	41.6
62.5°	18.9	19.7	20.2	20.6	22.3	24.0	25.7	27.5	30.5	33.9	36.9
65°	16.7	17.2	17.2	17.6	18.9	20.6	21.9	23.2	26.6	29.6	33.0
67.5°	14.2	14.6	14.6	14.6	15.9	17.2	18.4	19.7	22.7	26.2	29.2
70°	11.2	11.6	11.6	11.6	12.9	14.6	15.9	17.2	19.7	22.3	24.9
72.5°	8.6	8.6	9.0	9.0	10.3	12.0	13.3	14.6	16.7	18.9	21.0
75°	5.6	6.0	6.0	6.4	7.7	9.4	10.7	12.0	14.2	16.3	18.0
77.5°	2.1	3.0	3.4	3.9	5.1	6.4	7.7	9.0	10.7	12.9	14.6
80°	0.0	0.4	0.4	0.4	1.3	1.7	2.6	3.0	4.3	6.0	7.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	821.1	844.7	868.3	891.9	915.5	944.7	973.8	978.1	982.4	977.3	972.6
5°	848.6	860.2	871.3	882.9	894.0	927.5	960.5	961.0	961.0	961.4	961.4
7.5°	672.7	682.5	692.4	701.9	711.7	733.6	755.5	763.6	771.4	769.6	767.9
10°	488.2	501.1	513.5	526.4	538.8	559.0	579.2	586.9	594.2	617.8	641.8
12.5°	418.7	431.2	443.6	455.6	468.0	488.6	509.2	524.2	538.8	553.4	568.0
15°	341.1	350.9	361.2	371.1	381.0	390.4	399.8	418.3	436.3	450.9	465.5
17.5°	259.5	263.8	267.7	272.0	275.9	280.1	284.4	292.2	299.4	312.3	324.8
20°	190.5	193.9	197.3	200.3	203.8	208.1	212.4	217.9	223.1	226.1	228.7
22.5°	155.7	160.9	166.0	170.7	175.9	178.9	181.9	183.6	185.3	186.6	187.9
25°	140.3	145.0	149.3	154.0	158.3	159.6	160.9	164.3	167.7	167.7	167.7
27.5°	122.7	129.1	136.0	142.4	148.9	150.6	151.9	153.2	154.0	152.3	150.2
30°	115.8	122.3	128.7	134.7	141.1	143.7	145.9	147.1	148.4	146.3	144.1
32.5°	112.8	118.8	124.4	130.4	136.0	139.4	142.4	145.9	148.9	149.3	150.2
35°	98.2	102.1	106.4	110.3	114.1	115.8	117.5	118.8	119.7	119.7	119.7
37.5°	84.1	89.2	94.8	100.0	105.1	109.0	112.8	113.3	113.3	114.1	115.4
40°	81.5	86.7	91.8	96.5	101.7	106.0	109.8	110.3	110.7	111.5	112.4
42.5°	78.1	83.7	89.2	94.8	100.4	104.7	108.5	108.5	108.1	109.4	110.3
45°	74.6	80.2	85.4	90.9	96.1	101.7	106.8	105.5	103.8	106.0	107.7
47.5°	69.9	75.9	81.9	87.5	93.5	98.7	103.4	102.5	101.2	103.4	105.5
50°	65.2	71.2	77.2	83.2	89.2	94.8	100.0	99.1	98.2	100.8	103.0
52.5°	60.5	66.5	72.9	78.9	84.9	89.7	94.0	93.5	93.1	95.7	98.7
55°	55.8	61.3	67.4	72.9	78.5	83.7	88.4	87.5	86.7	88.8	90.9
57.5°	50.6	56.2	61.3	66.9	72.1	76.4	80.2	78.9	77.7	80.2	82.8
60°	45.0	50.2	55.3	60.1	65.2	68.6	71.6	70.8	69.5	72.1	74.6
62.5°	39.9	44.6	49.3	53.6	58.3	60.9	63.5	62.6	61.8	64.4	67.4
65°	36.0	39.9	43.3	47.2	50.6	53.2	55.8	54.5	53.2	56.2	58.8
67.5°	32.2	35.2	38.6	41.6	44.6	46.8	48.9	48.0	46.8	48.9	51.1
70°	27.5	30.5	33.5	36.0	39.0	41.2	43.3	42.0	40.3	42.5	44.6
72.5°	23.2	25.7	28.3	30.5	33.0	34.7	36.5	35.2	33.9	35.6	37.3
75°	20.2	22.3	24.5	26.2	28.3	29.2	30.0	29.6	28.7	30.5	31.7
77.5°	16.3	18.0	20.2	21.9	23.6	23.6	23.6	24.0	24.0	25.7	27.9
80°	8.6	10.3	12.0	13.3	15.0	15.0	14.6	15.4	15.9	18.0	20.2
82.5°	0.0	1.3	2.6	3.9	5.1	4.7	3.9	4.3	4.3	5.1	6.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	967.4	962.3	958.8	955.8	952.4	949.0	953.3	957.5	961.4	965.7	978.6
5°	961.8	961.8	958.8	955.8	952.8	949.8	956.3	962.3	968.7	974.7	974.3
7.5°	765.8	764.1	782.1	799.7	817.7	835.3	840.0	844.7	849.0	853.7	852.4
10°	665.4	689.0	696.7	704.4	712.1	719.9	729.3	738.7	748.2	757.6	761.1
12.5°	582.6	597.2	622.1	646.5	671.4	695.8	708.3	721.2	733.6	746.0	770.5
15°	480.1	494.6	516.1	537.5	559.0	580.4	600.2	620.3	640.1	659.8	689.4
17.5°	337.6	350.1	366.4	382.7	398.5	414.8	445.3	475.8	506.2	536.7	568.0
20°	231.7	234.2	242.0	250.1	257.8	265.6	293.0	320.9	348.4	375.8	417.0
22.5°	188.8	190.0	193.9	197.8	201.2	205.1	219.2	233.8	248.0	262.1	295.6
25°	167.3	167.3	169.9	172.5	175.0	177.6	185.3	193.1	200.3	208.1	229.5
27.5°	148.4	146.3	150.2	154.0	157.9	161.7	167.3	173.3	178.9	184.5	199.1
30°	142.0	139.9	144.6	149.3	154.0	158.7	164.3	169.9	175.0	180.6	190.5
32.5°	150.6	151.0	152.7	154.4	155.7	157.4	160.0	163.0	165.6	168.2	176.8
35°	119.7	119.7	122.7	125.7	128.3	131.3	136.0	140.7	145.4	150.2	159.2
37.5°	116.3	117.1	119.7	122.7	125.3	127.8	133.8	140.3	146.3	152.3	159.6
40°	112.8	113.7	117.1	120.6	124.0	127.4	133.4	139.0	145.0	150.6	157.4
42.5°	111.5	112.4	116.7	121.4	125.7	130.0	135.1	140.3	145.0	150.2	159.6
45°	109.8	111.5	116.7	122.3	127.4	132.6	137.3	142.0	146.7	151.4	163.0
47.5°	107.3	109.4	115.4	121.0	127.0	132.6	141.6	151.0	160.0	169.0	174.6
50°	105.5	107.7	114.1	120.6	127.0	133.4	148.0	162.6	176.8	191.3	188.3
52.5°	101.2	103.8	112.0	120.1	128.3	136.4	149.3	162.2	175.0	187.9	181.9
55°	93.1	95.2	104.7	114.1	123.1	132.6	142.0	151.4	160.4	169.9	163.0
57.5°	84.9	87.5	96.5	105.5	114.1	123.1	127.8	132.6	137.3	142.0	139.4
60°	77.2	79.8	91.8	103.8	115.8	127.8	123.6	119.3	114.5	110.3	113.3
62.5°	69.9	72.5	84.1	95.2	106.8	118.0	112.0	106.0	100.0	94.0	98.7
65°	61.8	64.4	68.6	73.4	77.7	81.9	81.5	80.7	80.2	79.4	84.5
67.5°	53.2	55.3	57.5	60.1	62.2	64.4	65.6	67.4	68.6	69.9	74.2
70°	46.3	48.5	51.1	53.2	55.8	57.9	58.8	59.6	60.1	60.9	64.8
72.5°	38.6	40.3	43.8	47.2	50.2	53.6	54.1	54.1	54.5	54.5	57.5
75°	33.5	34.7	37.3	39.9	42.0	44.6	45.9	47.2	48.0	49.3	51.1
77.5°	29.6	31.3	32.2	32.6	33.5	33.9	34.7	35.6	36.5	37.3	37.8
80°	21.9	24.0	24.9	25.3	26.2	26.6	26.6	26.2	26.2	25.7	26.2
82.5°	6.9	7.7	9.0	10.3	11.6	12.9	13.3	13.7	13.7	14.2	13.7
85°	1.3	1.7	2.6	3.4	3.9	4.7	4.3	3.4	3.0	2.1	1.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	991.4	1003.9	1016.7	1011.6	1006.4	1001.3	996.2	997.0	998.3	999.2	1000.0
5°	973.8	973.0	972.6	987.1	1002.2	1016.7	1031.3	1047.2	1063.5	1079.4	1095.3
7.5°	851.1	849.4	848.1	867.0	885.9	904.8	923.6	945.5	967.8	989.7	1011.6
10°	764.5	767.9	771.4	779.1	787.2	794.9	802.7	823.7	844.7	865.3	886.3
12.5°	794.9	819.0	843.4	848.1	852.4	857.2	861.4	864.4	867.4	870.5	873.5
15°	719.4	749.0	778.6	791.1	803.1	815.5	827.6	859.3	890.6	922.4	953.7
17.5°	599.3	630.2	661.5	698.9	736.2	773.5	810.8	845.1	879.5	913.8	948.1
20°	458.6	499.8	541.0	588.2	635.8	683.0	730.2	764.5	798.4	832.7	866.6
22.5°	329.5	362.9	396.4	453.5	510.1	567.1	623.8	683.4	743.5	803.1	862.7
25°	251.0	272.0	293.4	349.6	405.8	461.6	517.8	599.8	681.7	763.6	845.6
27.5°	213.2	227.8	242.0	292.6	343.2	393.4	444.0	541.4	638.8	736.2	833.6
30°	200.8	210.6	220.5	263.4	306.7	349.6	392.5	491.2	589.9	688.6	787.2
32.5°	185.3	193.5	202.1	239.8	277.6	314.9	352.6	449.2	545.7	641.8	738.3
35°	167.7	176.8	185.3	223.1	260.8	298.2	335.9	435.9	535.8	635.8	735.7
37.5°	166.5	173.7	180.6	224.4	268.6	312.3	356.1	456.0	556.0	655.5	755.5
40°	164.7	171.6	178.5	223.1	267.3	311.9	356.1	460.8	565.4	670.1	774.8
42.5°	169.0	178.0	187.5	226.9	266.4	305.5	344.9	455.2	565.4	675.3	785.5
45°	175.0	186.6	198.2	234.2	270.3	306.3	342.3	462.0	581.7	701.0	820.7
47.5°	180.6	186.2	191.8	226.1	260.0	294.3	328.2	450.5	572.7	695.0	817.3
50°	185.8	182.8	179.8	217.5	255.3	292.6	330.3	447.0	563.3	680.0	796.2
52.5°	175.5	169.5	163.0	203.3	243.7	283.6	323.9	441.4	559.0	676.5	794.1
55°	156.2	149.3	142.4	182.3	221.8	261.7	301.2	418.3	535.4	652.5	769.6
57.5°	136.4	133.8	130.8	161.3	191.8	221.8	252.3	382.2	512.7	642.7	772.6
60°	116.3	118.8	121.8	143.7	165.6	187.0	208.9	336.3	463.3	590.7	717.7
62.5°	103.0	107.7	112.0	130.4	149.3	167.7	186.2	306.3	426.4	546.6	666.7
65°	90.1	95.2	100.4	122.3	144.6	166.5	188.3	290.0	391.7	493.4	595.0
67.5°	78.5	82.4	86.7	115.4	144.1	172.9	201.6	284.9	367.7	450.9	533.7
70°	68.6	72.1	75.9	109.4	142.9	176.3	209.8	280.6	351.8	422.6	493.4
72.5°	60.5	63.5	66.5	100.4	134.3	168.2	202.1	265.1	327.8	390.8	453.5
75°	52.8	54.1	55.8	84.5	112.8	141.6	169.9	211.9	254.4	296.4	338.5
77.5°	38.2	38.2	38.6	47.2	55.3	63.9	72.1	98.2	124.4	150.2	176.3
80°	26.2	26.6	26.6	30.0	33.0	36.5	39.5	45.0	50.2	55.8	60.9
82.5°	13.3	12.4	12.0	15.4	18.9	22.3	25.7	27.0	27.9	29.2	30.0
85°	1.3	0.4	0.0	2.1	4.3	6.4	8.6	10.3	12.0	13.7	15.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	996.6	993.1	989.7	986.3	1007.3	1028.8	1049.8	1070.8	1130.4	1169.5	1165.2
5°	1110.7	1126.1	1141.6	1157.0	1181.9	1207.2	1232.1	1257.0	1345.4	1399.4	1407.1
7.5°	1035.6	1059.2	1083.2	1106.8	1154.9	1202.5	1250.6	1298.2	1370.7	1426.9	1458.6
10°	913.4	940.4	967.0	994.0	1048.1	1102.5	1156.6	1210.7	1292.2	1369.8	1409.7
12.5°	915.9	958.4	1000.9	1043.3	1090.5	1137.7	1184.5	1231.7	1281.4	1307.6	1363.8
15°	987.1	1020.6	1054.1	1087.5	1149.3	1211.1	1272.4	1334.2	1363.8	1426.9	1492.5
17.5°	1013.3	1078.9	1144.2	1209.4	1286.6	1363.4	1440.6	1517.4	1573.2	1660.7	1728.5
20°	964.8	1063.1	1160.9	1259.1	1365.1	1471.1	1577.0	1683.0	1743.9	1827.1	1931.8
22.5°	967.0	1071.2	1175.0	1279.3	1425.6	1571.4	1717.7	1863.6	2027.1	2187.5	2238.6
25°	982.0	1118.4	1254.4	1390.8	1559.9	1728.9	1897.9	2066.9	2264.3	2432.9	2500.7
27.5°	987.1	1140.7	1293.9	1447.5	1687.7	1928.0	2168.2	2408.4	2644.0	2834.4	2906.9
30°	974.7	1162.6	1350.1	1537.6	1832.3	2127.0	2421.7	2716.5	2940.0	3161.8	3251.9
32.5°	977.7	1217.1	1456.5	1695.9	2042.9	2390.4	2737.5	3084.6	3227.4	3427.3	3586.1
35°	998.3	1260.8	1523.0	1785.5	2169.5	2553.4	2937.4	3321.4	3555.6	3766.7	3901.4
37.5°	1046.3	1337.2	1627.6	1918.5	2390.4	2862.8	3334.7	3806.6	4169.1	4531.6	4593.4
40°	1082.0	1389.1	1696.3	2003.5	2551.3	3099.1	3647.0	4194.8	4604.9	4998.3	5040.4
42.5°	1122.3	1458.6	1795.4	2131.7	2744.4	3357.0	3969.6	4582.2	5057.1	5458.2	5486.1
45°	1166.5	1512.7	1858.5	2204.2	2846.0	3487.4	4129.2	4770.5	5325.2	5791.1	5686.0
47.5°	1187.5	1557.7	1928.0	2298.2	2986.3	3674.0	4362.1	5049.8	5547.5	5958.5	5835.8
50°	1203.8	1610.9	2018.5	2425.6	3147.2	3868.8	4590.4	5311.9	5810.9	6190.1	5997.9
52.5°	1249.7	1704.9	2160.5	2615.6	3383.1	4150.2	4917.7	5684.8	6167.4	6515.7	6246.3
55°	1294.3	1818.6	2343.2	2867.5	3692.9	4518.7	5344.1	6169.5	6650.0	6948.6	6582.7
57.5°	1350.5	1928.8	2506.7	3084.6	3967.4	4850.3	5732.8	6615.7	7085.5	7415.4	7035.3
60°	1335.9	1953.7	2571.9	3189.7	4088.9	4988.1	5887.2	6786.4	7344.6	7750.0	7492.2
62.5°	1279.3	1891.9	2504.1	3116.7	4000.1	4882.9	5766.3	6649.2	7318.0	7867.1	7780.4
65°	1164.8	1734.0	2303.8	2873.1	3716.5	4560.3	5403.8	6247.2	7072.6	7771.4	7802.3
67.5°	1014.2	1494.7	1974.7	2455.2	3242.0	4028.8	4815.2	5602.0	6576.2	7391.3	7483.1
70°	854.6	1215.4	1576.6	1937.4	2629.8	3322.2	4014.2	4706.6	5719.5	6539.8	6713.1
72.5°	685.1	917.2	1148.9	1380.5	1880.3	2379.7	2879.5	3378.8	4269.9	4906.5	5209.0
75°	444.0	549.6	655.1	760.6	1093.5	1426.0	1758.9	2091.4	2683.0	3151.9	3493.8
77.5°	197.8	219.2	240.2	261.7	518.7	775.6	1032.6	1289.6	1546.6	1829.7	1909.9
80°	70.8	80.2	90.1	99.5	225.7	352.2	478.3	604.5	728.9	875.2	910.8
82.5°	29.6	29.6	29.2	28.7	73.8	118.8	163.9	208.9	241.5	277.6	284.4
85°	12.0	9.0	5.6	2.1	9.4	17.2	24.5	31.7	51.1	46.3	85.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	1148.9	1148.0	1147.2	1146.3	1145.4	1130.0	1115.0	1099.5	1084.5	1103.4	1122.3
5°	1394.7	1417.0	1439.3	1462.1	1484.4	1490.8	1497.2	1503.7	1510.1	1523.8	1537.6
7.5°	1485.2	1523.0	1560.3	1598.0	1635.4	1670.1	1704.4	1739.2	1773.9	1765.4	1756.8
10°	1453.9	1522.1	1590.3	1659.0	1727.2	1742.2	1757.2	1772.7	1787.7	1826.7	1865.7
12.5°	1420.0	1501.9	1583.9	1665.8	1747.8	1793.2	1838.3	1883.8	1929.2	1968.7	2008.2
15°	1580.9	1633.2	1685.6	1738.3	1790.7	1830.6	1870.0	1909.9	1949.4	1976.9	2003.9
17.5°	1792.4	1818.1	1843.9	1870.0	1895.8	1927.1	1958.4	1989.7	2021.0	2037.3	2053.7
20°	2015.9	2027.1	2038.2	2049.4	2060.5	2035.6	2010.8	1985.9	1961.0	1976.4	1991.4
22.5°	2240.3	2244.1	2248.4	2252.3	2256.1	2198.2	2140.3	2082.4	2024.5	2000.0	1975.6
25°	2585.6	2557.3	2529.0	2500.7	2472.4	2403.7	2335.1	2266.4	2197.8	2137.3	2076.8
27.5°	2959.7	2863.6	2767.9	2671.8	2576.2	2507.5	2438.9	2370.3	2301.6	2210.7	2119.7
30°	3336.8	3181.9	3027.5	2872.6	2718.2	2636.7	2555.2	2473.2	2391.7	2300.8	2210.2
32.5°	3682.6	3496.4	3310.2	3123.6	2937.4	2800.1	2662.8	2525.6	2388.3	2324.8	2261.3
35°	3969.2	3749.1	3529.0	3308.5	3088.4	2952.4	2816.4	2680.4	2544.4	2450.1	2356.1
37.5°	4459.1	4211.5	3964.0	3716.5	3468.9	3283.2	3097.9	2912.1	2726.3	2663.3	2600.2
40°	4910.8	4598.9	4287.1	3975.2	3663.3	3507.6	3352.3	3196.5	3041.2	2937.8	2834.9
42.5°	5269.9	4941.3	4613.1	4284.5	3955.9	3801.8	3648.3	3494.3	3340.2	3271.2	3202.5
45°	5347.6	5037.8	4728.5	4418.8	4109.0	4019.4	3930.1	3840.5	3751.2	3703.6	3656.4
47.5°	5500.7	5164.8	4829.3	4493.4	4157.5	4117.2	4076.8	4036.1	3995.8	4018.5	4041.2
50°	5586.5	5243.7	4901.0	4558.2	4215.4	4227.0	4238.1	4249.7	4261.3	4422.6	4583.5
52.5°	5753.0	5406.8	5060.6	4714.3	4368.1	4441.1	4513.6	4586.5	4659.0	4881.2	5103.0
55°	6050.3	5710.1	5369.9	5029.2	4689.0	4785.1	4881.2	4977.8	5073.9	5309.8	5545.3
57.5°	6490.9	6153.2	5816.0	5478.4	5141.2	5236.9	5332.5	5428.2	5523.9	5737.1	5949.9
60°	7045.6	6698.9	6352.7	6006.1	5659.9	5695.9	5731.5	5767.6	5803.6	6032.7	6261.3
62.5°	7477.6	7158.8	6840.5	6521.7	6203.4	6163.5	6124.1	6084.2	6044.7	6218.9	6392.6
65°	7578.0	7353.6	7129.6	6905.3	6680.9	6558.2	6435.9	6313.2	6190.6	6260.9	6331.3
67.5°	7290.5	7139.1	6988.1	6836.6	6685.2	6429.1	6173.0	5916.4	5660.3	5623.0	5585.7
70°	6623.4	6540.6	6458.3	6375.5	6293.1	5898.4	5504.1	5109.5	4715.2	4620.4	4525.6
72.5°	5226.6	5278.1	5329.5	5381.4	5432.9	5010.4	4588.2	4165.6	3743.1	3623.0	3503.3
75°	3685.6	3860.2	4034.8	4209.4	4384.0	3998.8	3613.9	3228.7	2843.5	2728.0	2613.1
77.5°	1998.3	2325.6	2653.0	2980.3	3307.6	2989.7	2672.3	2354.4	2036.5	1956.3	1876.5
80°	947.2	1136.0	1324.3	1513.1	1701.9	1630.2	1558.6	1486.5	1414.9	1432.5	1450.0
82.5°	290.4	426.9	563.3	699.7	836.1	846.9	857.2	867.9	878.6	905.2	931.4
85°	97.4	133.4	169.5	205.5	241.5	305.0	368.5	432.4	495.9	454.7	414.0
87.5°	0.0	1.3	2.1	3.4	4.3	13.3	22.3	31.3	40.3	34.7	29.6
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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	1141.6	1160.5	1160.9	1161.7	1162.2	1162.6	1164.8	1166.9	1169.5	1171.6	1157.5
5°	1551.7	1565.4	1540.1	1514.8	1489.1	1463.8	1486.5	1509.2	1532.0	1554.7	1544.8
7.5°	1747.8	1739.2	1736.2	1733.6	1730.6	1728.0	1736.6	1745.2	1753.8	1762.4	1761.5
10°	1904.8	1943.8	1953.3	1962.7	1972.6	1982.0	1962.3	1942.5	1922.8	1903.1	1894.9
12.5°	2047.6	2087.1	2118.4	2149.7	2181.5	2212.8	2184.5	2156.6	2128.3	2100.4	2073.8
15°	2031.3	2058.4	2084.1	2109.9	2135.6	2161.3	2151.9	2142.9	2133.4	2124.0	2119.7
17.5°	2070.4	2086.7	2080.7	2074.7	2068.2	2062.2	2059.2	2056.7	2053.7	2050.6	2040.4
20°	2006.9	2022.3	2018.5	2015.0	2011.2	2007.3	2004.7	2002.2	1999.6	1997.0	1988.9
22.5°	1951.1	1926.7	1920.2	1914.2	1907.8	1901.8	1902.6	1903.5	1903.9	1904.8	1941.7
25°	2016.3	1955.8	1932.2	1908.6	1884.6	1861.0	1871.8	1882.0	1892.8	1903.5	1956.7
27.5°	2028.3	1937.4	1899.6	1861.9	1824.1	1786.4	1825.0	1863.6	1902.2	1940.8	2027.1
30°	2119.3	2028.8	1976.0	1923.7	1870.9	1818.6	1867.9	1917.2	1966.6	2015.9	2109.4
32.5°	2197.4	2133.9	2096.1	2058.4	2020.6	1982.9	1985.0	1986.7	1988.9	1991.0	2122.7
35°	2261.7	2167.8	2133.4	2099.6	2065.2	2031.3	2082.4	2133.4	2184.5	2235.5	2354.0
37.5°	2537.1	2474.1	2411.0	2348.4	2285.3	2222.7	2263.4	2304.2	2345.4	2386.1	2517.0
40°	2731.5	2628.5	2612.2	2596.3	2580.0	2564.2	2585.2	2605.8	2626.8	2647.8	2762.4
42.5°	3133.5	3064.4	3020.2	2976.4	2932.3	2888.5	2905.2	2922.0	2939.1	2955.8	3064.4
45°	3608.8	3561.2	3532.0	3502.8	3473.2	3444.1	3418.7	3393.9	3368.6	3343.7	3453.9
47.5°	4064.0	4086.7	4151.1	4215.0	4279.3	4343.3	4290.9	4238.6	4185.8	4133.5	4133.9
50°	4744.8	4905.7	4938.3	4970.5	5003.1	5035.2	4923.7	4812.2	4700.2	4588.6	4575.3
52.5°	5325.2	5547.0	5558.6	5570.2	5582.2	5593.8	5548.8	5503.7	5458.2	5413.2	5293.5
55°	5781.3	6016.8	6032.7	6048.1	6064.0	6079.4	6040.0	6000.9	5961.5	5922.0	5801.0
57.5°	6163.1	6375.9	6385.3	6394.3	6403.8	6413.2	6416.2	6419.2	6422.6	6425.6	6262.2
60°	6490.4	6719.5	6700.6	6682.2	6663.3	6644.9	6616.6	6588.2	6559.9	6531.6	6426.1
62.5°	6566.8	6741.0	6711.8	6683.1	6653.9	6625.1	6601.1	6577.5	6553.5	6529.5	6462.1
65°	6401.6	6472.0	6442.0	6411.9	6381.5	6351.4	6336.0	6321.0	6305.5	6290.1	6281.5
67.5°	5547.9	5510.6	5546.2	5581.8	5617.4	5653.0	5701.5	5750.0	5798.9	5847.3	5819.0
70°	4430.3	4335.5	4375.0	4414.0	4453.5	4492.5	4565.9	4639.3	4713.1	4786.4	4766.7
72.5°	3383.1	3263.0	3268.6	3274.2	3280.2	3285.8	3283.6	3281.9	3279.7	3277.6	3311.9
75°	2497.7	2382.3	2327.8	2273.3	2218.8	2164.3	2151.0	2137.7	2124.4	2111.1	2175.1
77.5°	1796.2	1716.5	1679.1	1642.2	1604.9	1568.0	1586.9	1605.8	1625.1	1644.0	1666.3
80°	1468.1	1485.6	1456.9	1428.6	1399.8	1371.1	1392.6	1413.6	1435.0	1456.5	1390.0
82.5°	958.0	984.1	895.8	807.4	719.0	630.6	684.3	737.9	791.9	845.6	818.1
85°	372.8	332.1	283.1	234.7	185.8	136.9	178.0	219.2	260.4	301.6	329.0
87.5°	24.0	18.9	15.0	11.2	6.9	3.0	6.4	9.9	13.7	17.2	28.7
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: P367403
 CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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: P367403

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9	906.9
2.5°	1143.7	1129.6	1115.8	1088.8	1061.8	1034.8	1007.7	1045.5	1083.2	1121.0	1158.7
5°	1535.4	1525.5	1516.1	1518.7	1521.3	1524.3	1526.8	1532.4	1538.0	1543.1	1548.7
7.5°	1761.1	1760.2	1759.4	1739.6	1719.9	1699.7	1680.0	1689.9	1699.7	1709.6	1719.5
10°	1887.2	1879.0	1870.9	1827.6	1784.2	1740.5	1697.1	1678.3	1659.0	1640.1	1621.2
12.5°	2047.2	2020.2	1993.6	1947.3	1901.4	1855.0	1808.7	1791.5	1773.9	1756.8	1739.2
15°	2115.9	2111.6	2107.7	2074.7	2041.2	2008.2	1974.7	1915.9	1856.7	1798.0	1739.2
17.5°	2030.1	2019.3	2009.0	2061.4	2113.3	2165.6	2218.0	2157.0	2096.1	2035.2	1974.3
20°	1980.7	1972.6	1964.4	2061.8	2158.8	2256.1	2353.1	2326.1	2298.6	2271.6	2244.6
22.5°	1978.6	2015.9	2052.8	2138.2	2223.1	2308.5	2393.4	2440.2	2487.4	2534.1	2580.9
25°	2009.9	2063.5	2116.7	2258.3	2399.9	2541.9	2683.4	2737.1	2790.3	2843.9	2897.1
27.5°	2112.9	2199.1	2284.9	2408.4	2532.0	2656.0	2779.5	2896.6	3014.2	3131.3	3248.4
30°	2202.5	2296.0	2389.6	2536.7	2683.4	2830.6	2977.3	3124.0	3270.7	3417.5	3564.2
32.5°	2254.4	2386.6	2518.3	2697.2	2875.6	3054.5	3233.4	3394.3	3555.2	3715.6	3876.5
35°	2472.4	2591.2	2709.6	2907.4	3105.1	3303.3	3501.1	3700.2	3899.2	4097.9	4296.9
37.5°	2647.8	2779.1	2909.9	3126.2	3342.0	3558.2	3774.4	4049.4	4324.8	4599.8	4874.8
40°	2876.9	2991.5	3106.0	3308.5	3510.6	3713.0	3915.5	4264.3	4613.1	4961.5	5310.2
42.5°	3172.5	3281.0	3389.6	3606.2	3822.9	4039.5	4256.2	4642.3	5028.4	5414.1	5800.2
45°	3564.2	3674.9	3785.1	3957.6	4130.0	4302.5	4475.0	4885.5	5295.6	5706.2	6116.3
47.5°	4134.3	4134.8	4135.2	4259.6	4384.0	4508.9	4633.3	5046.8	5460.0	5873.5	6286.7
50°	4562.0	4548.3	4535.0	4599.4	4663.3	4727.6	4792.0	5172.5	5553.5	5934.0	6314.5
52.5°	5174.2	5054.5	4935.3	4973.5	5011.2	5049.4	5087.2	5409.3	5731.9	6054.1	6376.3
55°	5680.5	5559.5	5438.5	5424.3	5410.2	5396.0	5381.9	5678.3	5974.8	6271.2	6567.6
57.5°	6099.2	5935.7	5772.7	5740.1	5707.9	5675.3	5642.7	5955.5	6267.8	6580.5	6892.8
60°	6321.0	6215.4	6109.9	6088.9	6067.4	6046.4	6025.0	6281.5	6538.0	6794.6	7051.1
62.5°	6395.2	6327.8	6260.9	6300.4	6339.8	6379.7	6419.2	6532.0	6644.4	6757.3	6869.7
65°	6273.4	6264.8	6256.2	6337.3	6417.9	6499.0	6580.1	6552.2	6523.9	6496.0	6468.1
67.5°	5791.1	5762.8	5734.9	5913.0	6090.6	6268.6	6446.7	6311.5	6176.0	6040.8	5905.7
70°	4746.9	4726.8	4707.1	4963.6	5220.1	5477.1	5733.7	5569.8	5405.9	5242.0	5078.1
72.5°	3345.8	3380.1	3414.5	3716.9	4018.9	4321.4	4623.4	4458.2	4293.1	4127.9	3962.7
75°	2238.6	2302.5	2366.4	2677.9	2989.3	3301.2	3612.7	3418.7	3224.8	3030.9	2837.0
77.5°	1688.6	1710.9	1733.2	1930.1	2127.0	2324.4	2521.3	2361.2	2200.8	2040.8	1880.3
80°	1323.5	1256.6	1190.1	1254.8	1319.6	1384.4	1449.2	1353.5	1257.8	1162.6	1066.9
82.5°	790.7	763.2	735.7	770.9	805.7	840.9	876.0	834.8	793.2	752.0	710.4
85°	356.1	383.5	410.6	446.2	481.3	517.0	552.6	495.1	437.6	380.1	322.6
87.5°	39.9	51.5	63.1	78.1	93.1	108.1	123.1	96.1	68.6	41.6	14.6
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



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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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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	906.9	906.9
2.5°	1180.6	1202.5
5°	1548.3	1547.4
7.5°	1693.7	1667.5
10°	1597.2	1573.2
12.5°	1677.8	1616.5
15°	1692.9	1646.5
17.5°	1898.8	1822.8
20°	2147.2	2049.4
22.5°	2447.0	2312.8
25°	2737.5	2577.9
27.5°	3152.8	3056.7
30°	3467.2	3369.8
32.5°	3810.4	3744.4
35°	4231.3	4165.2
37.5°	4892.0	4908.7
40°	5320.5	5330.8
42.5°	5840.1	5880.0
45°	6161.0	6205.6
47.5°	6348.9	6411.1
50°	6414.9	6515.3
52.5°	6500.3	6623.8
55°	6705.4	6843.1
57.5°	7002.7	7112.5
60°	7056.3	7061.4
62.5°	6790.3	6710.9
65°	6383.6	6299.1
67.5°	5854.6	5803.2
70°	5010.4	4942.6
72.5°	3836.6	3710.5
75°	2680.9	2524.7
77.5°	1798.4	1716.5
80°	1069.5	1071.7
82.5°	730.2	749.5
85°	318.8	314.5
87.5°	10.3	5.6
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: P367403
CATALOG NUMBER: MSA-SA2C-727-U-SLR-HSS

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)