

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: P367139

Luminaire Tested: **MSA-SA2A-727-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367139
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-SA2A-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: 4849 lumens
Efficiency: N/A
Efficacy: 73.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

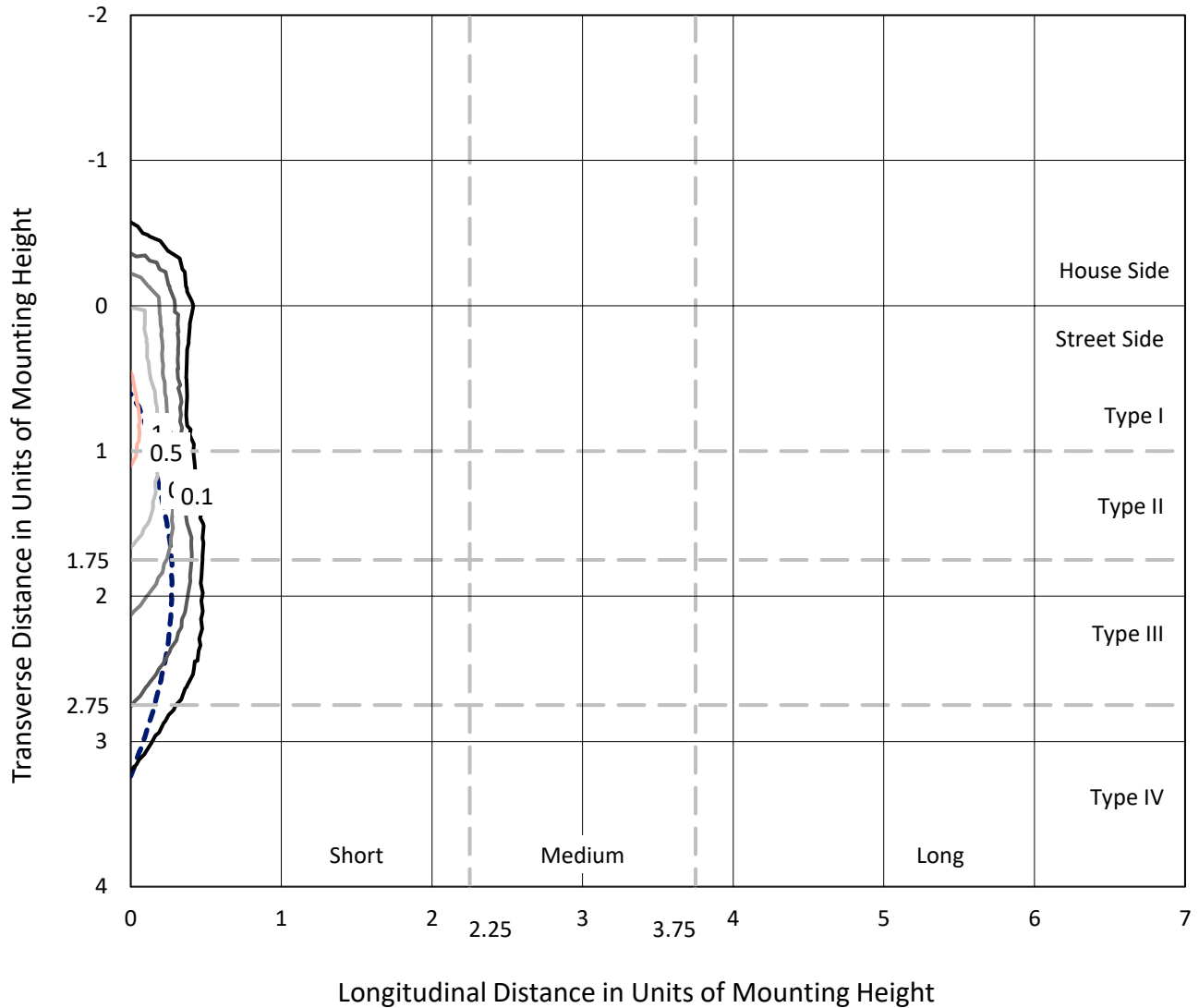
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

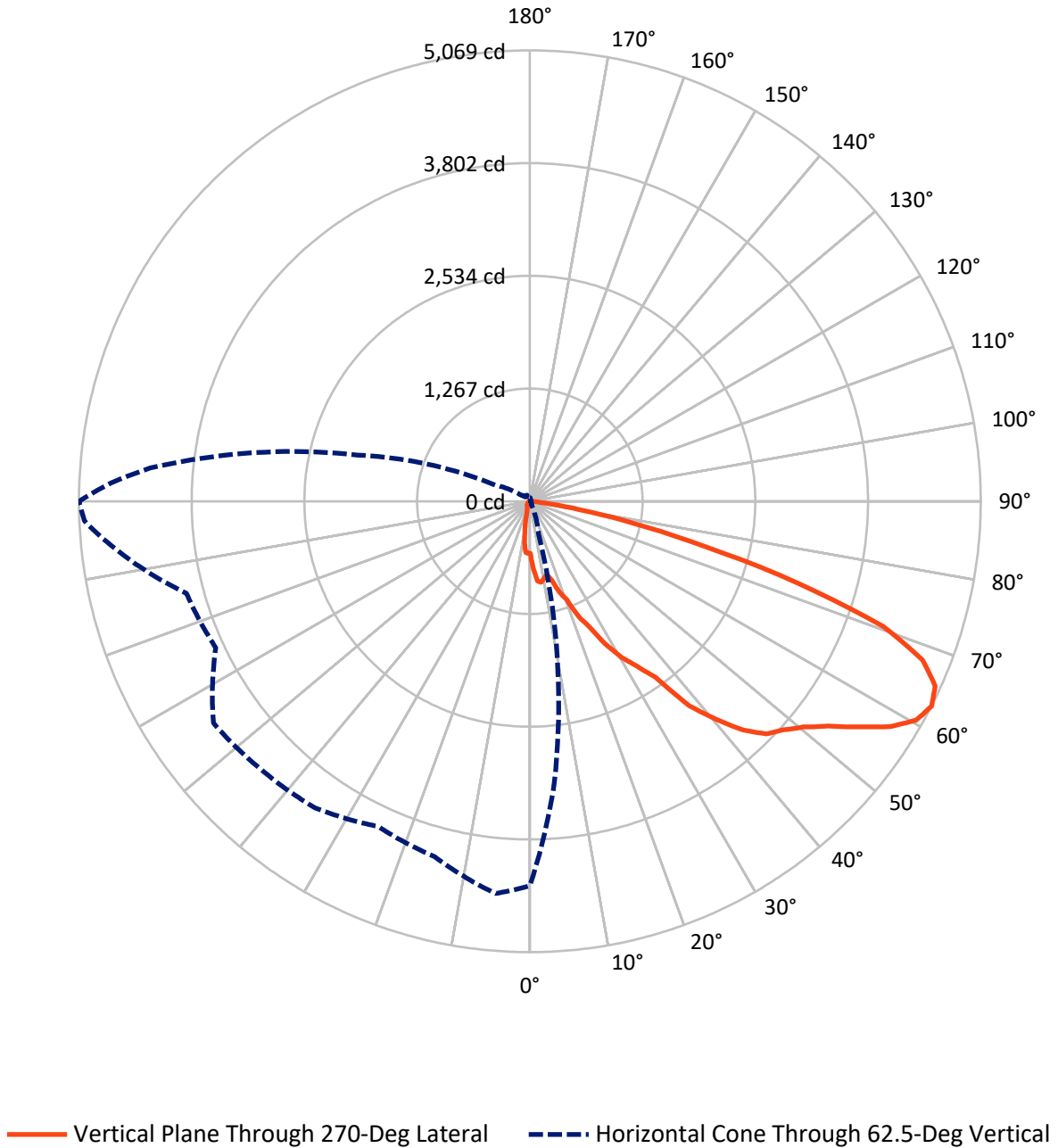
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 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	809.7	0.0	809.7
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4039.3	0.0	4039.3
	% Fixture	83.3	0.0	83.3
Total	Lumens	4849.0	0.0	4849.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	1.3
10°-20°	170.5	3.5
20°-30°	275.6	5.7
30°-40°	461.7	9.5
40°-50°	754.7	15.6
50°-60°	1117.2	23.0
60°-70°	1282.6	26.5
70°-80°	634.2	13.1
80°-90°	87.1	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°	4849.0	100.0
0°-180°	4849.0	100.0

Coefficient of Utilization

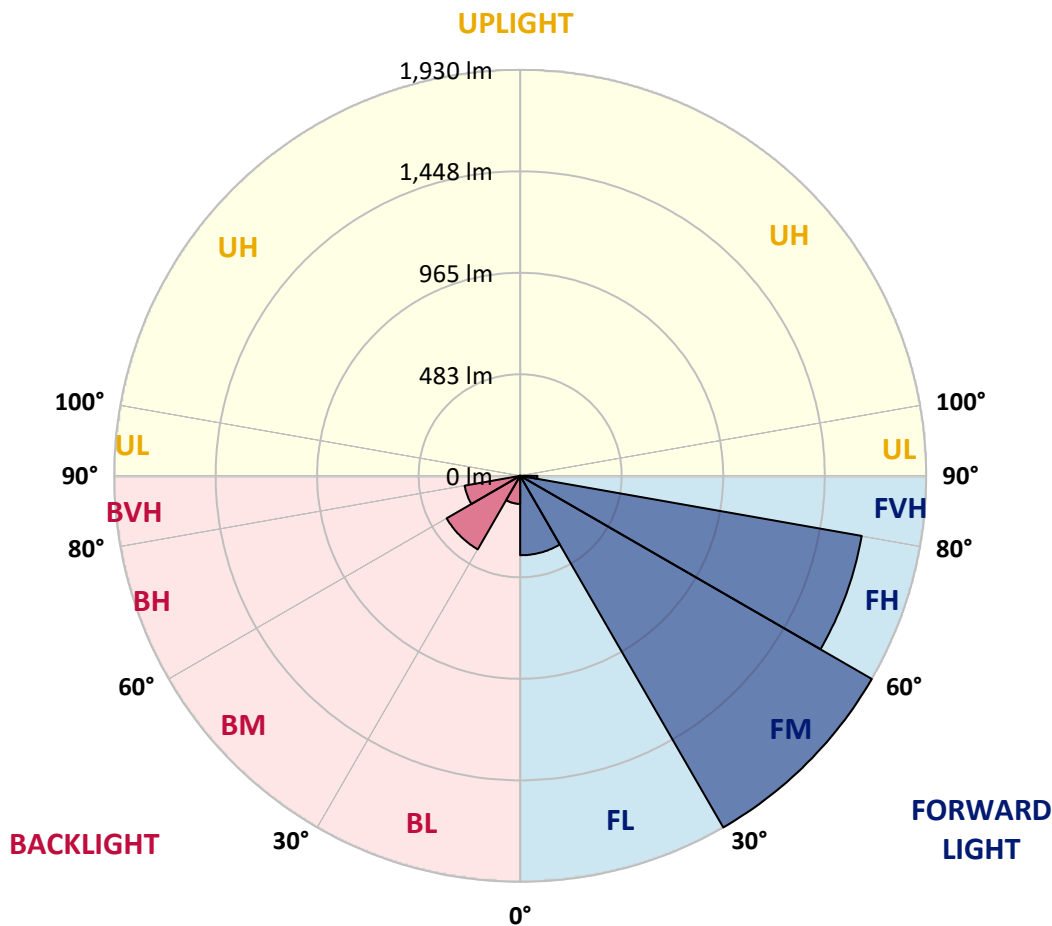


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	377.8	7.8			
FM (30°-60°)	1930.1	39.8			
FH (60°-80°)	1648.9	34.0			G1/1800
FVH (80°-90°)	82.5	1.7			G1/100
BL (0°-30°)	133.7	2.8	B1/500		
BM (30°-60°)	403.5	8.3	B1/1000		
BH (60°-80°)	267.9	5.5	B1/500		G1/500
BVH (80°-90°)	4.6	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-G1
 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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	774.8	784.4	793.8	775.9	757.9	739.9	722.0	705.9	689.9	673.6	657.6
5°	997.0	979.3	961.6	937.3	913.0	888.7	864.3	853.0	841.7	830.3	819.0
7.5°	1074.4	1042.9	1011.1	989.5	968.3	946.7	925.1	891.1	856.9	822.9	788.6
10°	1013.6	980.1	946.4	927.6	908.8	890.0	871.2	828.9	786.4	744.1	701.5
12.5°	1041.5	1005.3	969.1	930.4	891.7	853.0	814.3	782.0	749.3	717.0	684.4
15°	1060.9	1019.4	977.7	933.4	889.2	845.0	800.8	762.6	724.7	686.6	648.5
17.5°	1174.5	1115.0	1055.6	987.6	919.6	851.6	783.6	739.4	695.4	651.2	607.0
20°	1320.4	1236.1	1151.5	1059.5	967.4	875.4	783.3	728.3	673.3	618.3	563.3
22.5°	1490.1	1384.8	1279.2	1165.6	1052.3	938.7	825.1	746.0	667.0	587.9	508.9
25°	1660.9	1565.9	1470.8	1317.9	1165.1	1011.9	859.1	758.7	658.1	557.8	457.2
27.5°	1969.4	1799.4	1629.4	1434.8	1240.5	1045.9	851.3	736.4	621.4	506.1	391.1
30°	2171.2	2040.4	1909.4	1652.4	1395.6	1138.5	881.5	735.8	590.1	444.2	298.5
32.5°	2412.5	2221.2	2029.7	1750.8	1471.9	1193.0	914.1	743.0	571.6	400.5	229.1
35°	2683.6	2475.5	2267.4	1914.1	1560.9	1207.4	854.1	688.3	522.4	356.6	190.7
37.5°	3162.7	2814.4	2466.1	2054.3	1642.1	1230.3	818.2	652.6	486.8	321.2	155.3
40°	3434.6	3102.1	2769.6	2254.9	1740.3	1225.6	710.9	563.9	417.1	270.1	123.0
42.5°	3788.5	3366.7	2944.6	2369.4	1794.2	1219.0	643.8	507.8	371.8	235.5	99.5
45°	3998.2	3520.3	3042.4	2419.1	1795.8	1172.5	549.2	431.5	313.7	196.0	78.2
47.5°	4130.6	3651.4	3172.1	2502.9	1834.0	1164.8	495.6	387.2	278.9	170.5	62.2
50°	4197.8	3717.1	3236.2	2548.5	1860.8	1172.8	485.1	377.3	269.2	161.4	53.3
52.5°	4267.7	3804.2	3340.4	2627.5	1914.7	1201.8	489.0	379.0	269.2	159.2	49.2
55°	4409.0	3951.8	3494.4	2740.9	1987.4	1233.9	480.4	372.0	263.7	155.1	46.7
57.5°	4582.6	4093.9	3604.9	2823.8	2042.7	1261.5	480.4	371.5	262.6	153.4	44.5
60°	4549.7	4019.3	3488.5	2730.6	1972.7	1214.5	456.6	353.0	249.6	145.9	42.3
62.5°	4323.9	3748.1	3172.1	2471.6	1770.9	1070.5	369.8	287.2	204.5	121.6	39.0
65°	4058.5	3447.4	2835.9	2191.4	1546.5	901.9	257.1	201.8	146.2	90.9	35.4
67.5°	3739.0	3087.2	2435.4	1862.2	1289.2	715.9	142.6	115.0	87.3	59.4	31.8
70°	3184.5	2511.7	1838.7	1398.1	957.8	517.2	76.6	64.7	52.8	40.9	29.0
72.5°	2390.7	1774.3	1157.9	879.5	601.5	323.1	44.8	40.4	35.7	31.2	26.5
75°	1626.7	1164.8	702.9	535.1	367.6	199.8	32.1	29.9	27.4	25.2	22.7
77.5°	1105.9	799.9	493.9	377.0	260.1	143.2	26.3	24.9	23.5	21.8	20.5
80°	690.5	472.7	254.8	196.2	137.4	78.8	19.9	19.1	18.2	17.1	16.3
82.5°	482.9	288.8	94.8	74.1	53.3	32.3	11.6	11.9	12.2	12.2	12.4
85°	202.6	109.5	16.3	13.8	11.3	8.8	6.4	6.9	7.7	8.3	8.8
87.5°	3.6	1.9	0.0	0.6	1.4	1.9	2.5	3.3	3.9	4.7	5.3
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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	661.7	665.9	669.7	673.9	670.6	667.5	664.2	660.9	655.9	651.2	646.2
5°	805.2	791.4	777.5	763.7	742.7	721.7	700.4	679.4	676.9	674.4	671.7
7.5°	756.3	723.9	691.3	659.0	628.6	598.1	567.7	537.3	527.9	518.8	509.4
10°	676.6	651.8	626.6	601.7	579.9	557.8	536.0	513.8	490.9	468.0	444.7
12.5°	658.4	632.4	606.2	580.2	560.3	540.4	520.5	500.6	474.9	449.2	423.5
15°	620.3	592.1	563.9	535.7	509.1	482.6	455.8	429.3	398.3	367.3	336.4
17.5°	573.5	540.4	506.9	473.5	438.7	403.8	369.0	334.2	298.5	263.1	227.5
20°	518.0	472.7	427.1	381.7	338.6	295.5	252.1	209.0	186.6	164.5	142.1
22.5°	450.3	391.4	332.8	273.9	238.5	202.9	167.5	131.8	122.2	112.5	102.8
25°	390.6	324.0	257.3	190.7	168.3	145.9	123.6	101.2	96.7	92.0	87.6
27.5°	328.4	265.9	203.2	140.4	127.7	114.7	102.0	89.0	86.0	83.2	80.2
30°	251.8	205.1	158.1	111.4	103.1	94.8	86.2	77.9	76.6	74.9	73.5
32.5°	195.1	160.9	126.9	92.6	87.9	83.2	78.5	73.8	71.6	69.4	66.9
35°	163.1	135.7	108.1	80.4	77.1	73.5	70.2	66.6	64.4	61.9	59.7
37.5°	135.2	115.3	95.1	74.9	71.3	67.7	63.9	60.3	58.6	56.9	55.3
40°	111.4	99.8	88.2	76.6	71.3	66.1	60.8	55.6	54.2	52.8	51.4
42.5°	92.0	84.6	76.8	69.4	65.5	61.9	58.0	54.2	52.2	50.0	48.1
45°	74.4	70.2	66.3	62.2	62.5	62.7	62.7	63.0	58.0	52.8	47.8
47.5°	60.3	58.3	56.1	54.2	56.4	58.6	60.5	62.7	57.5	52.2	46.7
50°	51.7	50.3	48.6	47.0	49.2	51.7	53.9	56.1	53.9	52.0	49.8
52.5°	47.3	45.3	43.4	41.5	42.3	43.4	44.2	45.1	45.1	45.1	45.1
55°	44.5	42.6	40.4	38.1	37.3	36.2	35.4	34.3	32.9	31.8	30.4
57.5°	42.3	40.1	37.6	35.4	34.0	32.3	31.0	29.3	27.9	26.3	24.9
60°	40.1	37.9	35.4	33.2	31.8	30.4	28.7	27.4	25.7	24.3	22.7
62.5°	37.0	35.1	33.2	31.2	29.9	28.7	27.4	26.0	24.3	22.7	20.7
65°	33.7	32.3	30.7	29.0	27.6	26.3	24.9	23.5	21.8	20.5	18.8
67.5°	30.7	29.3	28.2	26.8	25.2	23.8	22.1	20.5	19.3	18.2	16.9
70°	28.2	27.1	26.3	25.2	23.5	22.1	20.5	18.8	18.0	16.9	16.0
72.5°	25.7	24.9	23.8	22.9	21.6	20.2	18.8	17.4	16.6	15.8	14.9
75°	22.1	21.6	21.0	20.5	19.1	17.7	16.0	14.6	14.4	14.1	13.8
77.5°	19.9	19.6	19.1	18.5	17.1	15.8	14.4	13.0	13.3	13.5	13.5
80°	16.3	16.3	16.0	16.0	14.9	13.8	12.4	11.3	11.9	12.7	13.3
82.5°	12.4	12.4	12.4	12.4	11.3	10.2	9.1	8.0	8.8	9.4	10.2
85°	8.6	8.3	8.0	7.7	6.9	6.4	5.5	4.7	5.8	6.6	7.7
87.5°	5.3	5.5	5.5	5.5	5.0	4.1	3.6	2.8	3.3	3.6	4.1
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):

	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: P367139
 CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	641.3	633.0	624.7	616.1	607.8	588.5	569.1	549.8	530.4	544.8	558.9
5°	669.2	653.2	636.8	620.8	604.5	597.3	590.4	583.2	576.0	577.1	578.5
7.5°	500.0	489.5	479.0	468.2	457.7	455.5	453.6	451.4	449.2	453.9	458.3
10°	421.8	407.1	392.2	377.6	362.6	354.6	346.6	338.6	330.6	329.8	328.6
12.5°	397.8	375.4	353.2	330.9	308.5	291.1	273.6	256.2	238.8	240.2	241.6
15°	305.4	283.0	260.9	238.5	216.2	202.1	187.7	173.6	159.2	155.1	150.9
17.5°	191.8	175.2	158.7	141.8	125.2	120.5	116.1	111.4	106.7	105.3	103.9
20°	119.7	112.5	105.3	97.8	90.7	89.6	88.5	87.3	86.2	87.1	87.9
22.5°	93.1	90.1	86.8	83.8	80.4	79.3	78.2	77.1	76.0	76.8	77.4
25°	82.9	80.7	78.5	76.3	74.1	73.0	71.6	70.5	69.1	69.7	70.5
27.5°	77.1	75.2	73.2	71.3	69.4	67.4	65.8	63.9	61.9	63.0	63.9
30°	71.9	69.7	67.7	65.5	63.3	61.4	59.4	57.2	55.3	56.4	57.5
32.5°	64.7	62.7	60.5	58.6	56.4	55.3	54.2	52.8	51.7	52.5	53.1
35°	57.2	55.6	54.2	52.5	50.9	49.8	48.9	47.8	46.7	47.0	47.5
37.5°	53.6	51.7	49.8	47.8	45.9	45.3	44.8	43.9	43.4	43.4	43.4
40°	50.0	48.1	46.2	43.9	42.0	41.2	40.4	39.5	38.7	38.7	38.7
42.5°	45.9	43.9	42.0	40.1	38.1	37.3	36.2	35.4	34.3	34.3	34.3
45°	42.6	40.6	39.0	37.0	35.1	33.7	32.3	30.7	29.3	29.0	28.7
47.5°	41.5	38.7	35.9	33.2	30.4	29.0	27.6	26.0	24.6	24.3	24.0
50°	47.5	42.0	36.5	31.0	25.4	24.3	23.2	22.1	21.0	20.5	20.2
52.5°	45.1	39.2	33.4	27.6	21.8	21.0	20.2	19.3	18.5	18.0	17.4
55°	29.0	26.5	24.3	21.8	19.3	18.8	18.2	17.4	16.9	16.3	15.8
57.5°	23.2	21.8	20.7	19.3	18.0	17.4	16.9	16.0	15.5	14.6	14.1
60°	21.0	19.9	18.8	17.7	16.6	16.0	15.5	14.9	14.4	13.5	13.0
62.5°	19.1	18.2	17.4	16.6	15.8	15.2	14.6	14.1	13.5	12.7	11.9
65°	17.1	16.6	16.0	15.5	14.9	14.4	13.8	13.0	12.4	11.6	10.8
67.5°	15.8	15.5	15.2	14.9	14.6	14.1	13.3	12.7	11.9	11.1	10.0
70°	14.9	14.9	14.9	14.6	14.6	14.1	13.3	12.7	11.9	10.8	10.0
72.5°	14.1	14.4	14.6	14.6	14.9	14.1	13.3	12.4	11.6	10.5	9.7
75°	13.5	13.8	14.1	14.1	14.4	13.8	13.3	12.4	11.9	10.8	9.7
77.5°	13.8	14.1	14.1	14.4	14.4	13.8	13.3	12.4	11.9	10.5	9.1
80°	13.8	13.5	13.3	12.7	12.4	11.3	10.2	8.8	7.7	6.1	4.7
82.5°	10.8	10.2	10.0	9.4	8.8	7.7	6.6	5.5	4.4	3.3	2.2
85°	8.6	8.0	7.7	7.2	6.6	5.8	4.7	3.9	2.8	2.2	1.4
87.5°	4.4	4.1	3.6	3.3	2.8	2.2	1.4	0.8	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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	573.3	587.4	585.4	583.5	592.6	601.7	595.1	588.7	582.1	575.5	561.7
5°	579.6	580.7	578.8	576.6	576.9	577.1	572.7	568.3	563.9	559.5	558.6
7.5°	463.0	467.4	473.5	479.3	479.6	479.6	476.3	472.9	469.3	466.0	467.7
10°	327.8	326.7	328.4	330.0	329.8	329.2	338.0	346.9	355.5	364.3	357.9
12.5°	242.7	244.1	237.2	230.2	232.7	234.9	236.3	237.7	239.1	240.5	244.3
15°	146.8	142.6	137.7	132.7	135.2	137.4	139.9	142.1	144.6	146.8	149.3
17.5°	102.3	100.9	98.7	96.2	96.5	96.7	97.0	97.3	97.3	97.6	98.1
20°	88.7	89.6	87.9	86.0	85.4	84.6	84.0	83.5	82.6	82.1	81.3
22.5°	78.2	78.8	79.1	79.1	77.9	76.6	75.5	74.6	73.5	72.4	71.9
25°	71.0	71.6	71.0	70.2	69.7	69.1	68.5	67.7	67.2	66.3	66.1
27.5°	65.0	65.8	65.8	65.5	65.0	64.1	62.7	61.6	60.3	58.9	59.2
30°	58.6	59.7	59.7	59.4	59.2	58.9	57.5	56.1	54.7	53.3	53.9
32.5°	53.9	54.5	54.2	53.9	53.9	53.6	52.5	51.7	50.6	49.5	49.5
35°	47.8	48.1	48.1	48.1	48.1	47.8	47.0	46.2	45.3	44.5	44.8
37.5°	43.4	43.4	44.2	44.8	44.2	43.7	43.1	42.3	41.7	40.9	40.9
40°	38.4	38.4	39.2	39.8	39.2	38.7	38.4	37.9	37.6	37.0	37.0
42.5°	34.0	34.0	34.8	35.4	35.4	35.1	34.6	34.0	33.4	32.9	33.2
45°	28.5	28.2	29.6	30.7	30.1	29.6	29.6	29.3	29.3	29.0	29.3
47.5°	23.5	23.2	24.3	25.4	25.2	24.6	24.6	24.6	24.6	24.6	24.9
50°	19.6	19.1	20.2	21.0	20.7	20.2	20.2	20.5	20.5	20.5	20.7
52.5°	16.9	16.3	17.1	17.7	17.4	17.1	17.1	17.4	17.4	17.4	17.7
55°	14.9	14.4	15.2	15.8	15.5	14.9	15.2	15.2	15.5	15.5	15.5
57.5°	13.3	12.4	13.0	13.5	13.5	13.3	13.5	13.5	13.8	13.8	13.8
60°	12.2	11.3	11.9	12.2	12.2	11.9	12.2	12.2	12.4	12.4	12.4
62.5°	10.8	10.0	10.5	10.8	10.8	10.5	10.8	10.8	11.1	11.1	11.1
65°	9.7	8.8	9.1	9.4	9.4	9.4	9.7	9.7	10.0	10.0	10.0
67.5°	9.1	8.0	8.3	8.6	8.6	8.6	8.8	8.8	9.1	9.1	9.4
70°	8.8	7.7	8.0	8.0	8.3	8.3	8.3	8.6	8.6	8.6	8.6
72.5°	8.6	7.5	7.5	7.5	7.7	7.7	7.7	8.0	8.0	8.0	8.0
75°	8.6	7.5	7.2	6.9	7.2	7.2	7.2	7.5	7.5	7.5	7.5
77.5°	7.5	6.1	5.5	4.7	5.5	6.1	6.4	6.4	6.6	6.6	6.6
80°	3.0	1.4	0.8	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9
82.5°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	547.8	534.0	520.2	526.8	533.5	540.1	546.7	546.2	545.4	544.8	544.0
5°	558.1	557.2	556.4	552.5	548.9	545.1	541.2	540.4	539.3	538.4	537.3
7.5°	469.3	470.7	472.4	468.0	463.5	459.1	454.7	443.4	432.0	420.4	409.1
10°	351.6	345.0	338.6	338.0	337.5	336.9	336.4	335.3	334.2	332.8	331.7
12.5°	248.5	252.4	256.2	254.8	253.5	251.8	250.4	252.4	254.6	256.5	258.4
15°	151.5	154.0	156.2	161.1	166.1	171.1	176.1	178.0	180.2	182.2	184.1
17.5°	98.7	99.0	99.5	105.0	110.3	115.8	121.1	124.7	128.3	131.6	135.2
20°	80.4	79.6	78.8	81.8	84.9	87.9	90.9	94.3	97.6	100.9	104.2
22.5°	71.6	71.0	70.5	71.6	72.7	73.5	74.6	77.1	79.9	82.4	84.9
25°	65.8	65.2	65.0	65.5	66.1	66.6	67.2	68.5	69.9	71.3	72.7
27.5°	59.2	59.4	59.4	60.0	60.3	60.8	61.1	61.6	62.5	63.0	63.6
30°	54.2	54.7	55.0	55.6	55.8	56.4	56.7	56.4	56.1	55.8	55.6
32.5°	49.5	49.2	49.2	49.8	50.0	50.6	50.9	51.4	52.0	52.2	52.8
35°	44.8	45.1	45.1	45.1	45.3	45.3	45.3	45.9	46.7	47.3	47.8
37.5°	40.6	40.6	40.4	41.2	41.7	42.6	43.1	43.7	44.5	45.1	45.6
40°	37.0	37.0	37.0	37.6	38.1	38.4	39.0	40.4	41.7	43.1	44.5
42.5°	33.2	33.4	33.4	34.0	34.6	34.8	35.4	36.5	37.3	38.4	39.2
45°	29.6	29.9	30.1	30.7	31.0	31.5	31.8	32.3	32.6	33.2	33.4
47.5°	25.4	25.7	26.0	26.5	26.8	27.4	27.6	27.4	27.4	27.1	26.8
50°	21.3	21.6	21.8	22.7	23.2	24.0	24.6	24.0	23.5	22.7	22.1
52.5°	18.0	18.0	18.2	18.8	19.3	19.6	20.2	19.9	19.6	19.3	19.1
55°	15.5	15.5	15.5	15.8	16.0	16.3	16.6	16.9	16.9	17.1	17.1
57.5°	13.8	13.5	13.5	13.8	14.1	14.1	14.4	14.6	14.6	14.9	14.9
60°	12.4	12.2	12.2	12.4	12.7	13.0	13.3	13.3	13.3	13.0	13.0
62.5°	11.1	11.1	11.1	11.3	11.3	11.6	11.6	11.6	11.9	11.9	11.9
65°	10.2	10.2	10.2	10.2	10.2	10.0	10.0	10.2	10.2	10.5	10.5
67.5°	9.4	9.7	9.7	9.4	9.1	8.8	8.6	8.8	8.8	9.1	9.1
70°	8.6	8.6	8.6	8.3	8.0	7.7	7.5	7.5	7.5	7.2	7.2
72.5°	8.0	7.7	7.7	7.5	6.9	6.6	6.1	5.8	5.8	5.5	5.3
75°	7.5	7.2	7.2	6.6	6.1	5.5	5.0	4.7	4.1	3.9	3.3
77.5°	6.6	6.6	6.6	5.8	5.3	4.4	3.6	3.0	2.5	1.7	1.1
80°	2.2	2.5	2.8	2.5	2.5	2.2	1.9	1.4	1.1	0.6	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	547.0	550.1	553.1	556.1	556.4	556.7	557.0	557.2	550.3	543.1	536.2
5°	542.9	548.7	554.2	559.7	556.7	553.6	550.6	547.6	547.3	547.3	547.0
7.5°	409.9	410.5	411.3	411.8	413.0	414.1	414.9	416.0	420.4	424.8	429.0
10°	328.1	324.5	320.6	317.0	314.3	311.2	308.5	305.4	307.6	310.1	312.3
12.5°	255.4	252.4	249.0	246.0	244.9	243.8	242.4	241.3	248.5	255.7	262.6
15°	183.5	183.0	182.2	181.6	185.2	188.8	192.4	196.0	202.1	207.9	213.9
17.5°	136.5	137.9	139.3	140.7	142.9	145.1	147.0	149.3	153.7	158.4	162.8
20°	105.9	107.8	109.5	111.1	110.6	110.0	109.2	108.6	112.2	115.8	119.1
22.5°	86.5	87.9	89.6	90.9	91.2	91.5	91.8	92.0	94.3	96.2	98.4
25°	74.1	75.7	77.1	78.5	78.8	79.1	79.3	79.6	82.4	85.1	87.6
27.5°	65.5	67.2	69.1	70.8	71.3	71.9	72.4	73.0	74.6	76.0	77.7
30°	57.8	60.0	62.2	64.4	65.2	66.1	66.9	67.7	69.4	71.3	73.0
32.5°	53.9	55.3	56.4	57.5	59.4	61.1	63.0	64.7	66.6	68.8	70.8
35°	49.5	50.9	52.5	53.9	55.3	56.7	57.8	59.2	60.3	61.4	62.2
37.5°	46.7	48.1	49.2	50.3	50.9	51.4	51.7	52.2	52.8	53.3	53.6
40°	44.5	44.2	44.2	43.9	44.5	45.3	45.9	46.4	48.1	49.5	51.1
42.5°	38.7	37.9	37.3	36.5	37.9	39.0	40.4	41.5	43.7	45.9	48.1
45°	32.9	32.3	31.5	31.0	32.9	34.8	36.8	38.7	41.2	43.4	45.9
47.5°	27.1	27.4	27.4	27.6	29.6	31.5	33.2	35.1	37.6	40.1	42.6
50°	22.7	23.2	23.8	24.3	26.3	27.9	29.9	31.5	34.3	36.8	39.5
52.5°	19.9	20.7	21.3	22.1	23.8	25.7	27.4	29.0	31.5	34.0	36.5
55°	18.0	19.1	19.9	20.7	22.1	23.5	24.9	26.3	28.7	31.2	33.4
57.5°	15.8	16.6	17.4	18.2	19.6	21.0	22.1	23.5	25.7	28.2	30.4
60°	13.8	14.4	15.2	15.8	16.9	18.2	19.3	20.5	22.7	24.9	26.8
62.5°	12.2	12.7	13.0	13.3	14.4	15.5	16.6	17.7	19.6	21.8	23.8
65°	10.8	11.1	11.1	11.3	12.2	13.3	14.1	14.9	17.1	19.1	21.3
67.5°	9.1	9.4	9.4	9.4	10.2	11.1	11.9	12.7	14.6	16.9	18.8
70°	7.2	7.5	7.5	7.5	8.3	9.4	10.2	11.1	12.7	14.4	16.0
72.5°	5.5	5.5	5.8	5.8	6.6	7.7	8.6	9.4	10.8	12.2	13.5
75°	3.6	3.9	3.9	4.1	5.0	6.1	6.9	7.7	9.1	10.5	11.6
77.5°	1.4	1.9	2.2	2.5	3.3	4.1	5.0	5.8	6.9	8.3	9.4
80°	0.0	0.3	0.3	0.3	0.8	1.1	1.7	1.9	2.8	3.9	4.7
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	529.0	544.2	559.5	574.7	589.9	608.7	627.4	630.2	633.0	629.7	626.6
5°	546.7	554.2	561.4	568.8	576.0	597.6	618.9	619.2	619.2	619.4	619.4
7.5°	433.4	439.8	446.1	452.2	458.6	472.7	486.8	492.0	497.0	495.9	494.8
10°	314.6	322.8	330.9	339.2	347.2	360.2	373.2	378.1	382.8	398.0	413.5
12.5°	269.8	277.8	285.8	293.5	301.6	314.8	328.1	337.8	347.2	356.6	366.0
15°	219.7	226.1	232.7	239.1	245.5	251.5	257.6	269.5	281.1	290.5	299.9
17.5°	167.2	170.0	172.5	175.2	177.7	180.5	183.3	188.2	192.9	201.2	209.2
20°	122.7	124.9	127.1	129.1	131.3	134.1	136.8	140.4	143.7	145.7	147.3
22.5°	100.3	103.7	107.0	110.0	113.3	115.3	117.2	118.3	119.4	120.2	121.1
25°	90.4	93.4	96.2	99.2	102.0	102.8	103.7	105.9	108.1	108.1	108.1
27.5°	79.1	83.2	87.6	91.8	95.9	97.0	97.8	98.7	99.2	98.1	96.7
30°	74.6	78.8	82.9	86.8	90.9	92.6	94.0	94.8	95.6	94.3	92.9
32.5°	72.7	76.6	80.2	84.0	87.6	89.8	91.8	94.0	95.9	96.2	96.7
35°	63.3	65.8	68.5	71.0	73.5	74.6	75.7	76.6	77.1	77.1	77.1
37.5°	54.2	57.5	61.1	64.4	67.7	70.2	72.7	73.0	73.0	73.5	74.4
40°	52.5	55.8	59.2	62.2	65.5	68.3	70.8	71.0	71.3	71.9	72.4
42.5°	50.3	53.9	57.5	61.1	64.7	67.4	69.9	69.9	69.7	70.5	71.0
45°	48.1	51.7	55.0	58.6	61.9	65.5	68.8	68.0	66.9	68.3	69.4
47.5°	45.1	48.9	52.8	56.4	60.3	63.6	66.6	66.1	65.2	66.6	68.0
50°	42.0	45.9	49.8	53.6	57.5	61.1	64.4	63.9	63.3	65.0	66.3
52.5°	39.0	42.8	47.0	50.9	54.7	57.8	60.5	60.3	60.0	61.6	63.6
55°	35.9	39.5	43.4	47.0	50.6	53.9	56.9	56.4	55.8	57.2	58.6
57.5°	32.6	36.2	39.5	43.1	46.4	49.2	51.7	50.9	50.0	51.7	53.3
60°	29.0	32.3	35.7	38.7	42.0	44.2	46.2	45.6	44.8	46.4	48.1
62.5°	25.7	28.7	31.8	34.6	37.6	39.2	40.9	40.4	39.8	41.5	43.4
65°	23.2	25.7	27.9	30.4	32.6	34.3	35.9	35.1	34.3	36.2	37.9
67.5°	20.7	22.7	24.9	26.8	28.7	30.1	31.5	31.0	30.1	31.5	32.9
70°	17.7	19.6	21.6	23.2	25.2	26.5	27.9	27.1	26.0	27.4	28.7
72.5°	14.9	16.6	18.2	19.6	21.3	22.4	23.5	22.7	21.8	22.9	24.0
75°	13.0	14.4	15.8	16.9	18.2	18.8	19.3	19.1	18.5	19.6	20.5
77.5°	10.5	11.6	13.0	14.1	15.2	15.2	15.2	15.5	15.5	16.6	18.0
80°	5.5	6.6	7.7	8.6	9.7	9.7	9.4	10.0	10.2	11.6	13.0
82.5°	0.0	0.8	1.7	2.5	3.3	3.0	2.5	2.8	2.8	3.3	3.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	623.3	620.0	617.8	615.8	613.6	611.4	614.2	616.9	619.4	622.2	630.5
5°	619.7	619.7	617.8	615.8	613.9	612.0	616.1	620.0	624.1	628.0	627.7
7.5°	493.4	492.3	503.9	515.2	526.8	538.2	541.2	544.2	547.0	550.1	549.2
10°	428.7	443.9	448.9	453.9	458.8	463.8	469.9	476.0	482.1	488.1	490.3
12.5°	375.4	384.8	400.8	416.5	432.6	448.3	456.4	464.6	472.7	480.7	496.4
15°	309.3	318.7	332.5	346.3	360.2	374.0	386.7	399.7	412.4	425.1	444.2
17.5°	217.5	225.5	236.1	246.6	256.8	267.3	286.9	306.5	326.2	345.8	366.0
20°	149.3	150.9	155.9	161.1	166.1	171.1	188.8	206.8	224.4	242.1	268.7
22.5°	121.6	122.4	124.9	127.4	129.6	132.1	141.2	150.6	159.8	168.9	190.4
25°	107.8	107.8	109.5	111.1	112.8	114.4	119.4	124.4	129.1	134.1	147.9
27.5°	95.6	94.3	96.7	99.2	101.7	104.2	107.8	111.7	115.3	118.9	128.3
30°	91.5	90.1	93.1	96.2	99.2	102.3	105.9	109.5	112.8	116.4	122.7
32.5°	97.0	97.3	98.4	99.5	100.3	101.4	103.1	105.0	106.7	108.4	113.9
35°	77.1	77.1	79.1	81.0	82.6	84.6	87.6	90.7	93.7	96.7	102.5
37.5°	74.9	75.5	77.1	79.1	80.7	82.4	86.2	90.4	94.3	98.1	102.8
40°	72.7	73.2	75.5	77.7	79.9	82.1	86.0	89.6	93.4	97.0	101.4
42.5°	71.9	72.4	75.2	78.2	81.0	83.8	87.1	90.4	93.4	96.7	102.8
45°	70.8	71.9	75.2	78.8	82.1	85.4	88.5	91.5	94.5	97.6	105.0
47.5°	69.1	70.5	74.4	77.9	81.8	85.4	91.2	97.3	103.1	108.9	112.5
50°	68.0	69.4	73.5	77.7	81.8	86.0	95.4	104.8	113.9	123.3	121.3
52.5°	65.2	66.9	72.1	77.4	82.6	87.9	96.2	104.5	112.8	121.1	117.2
55°	60.0	61.4	67.4	73.5	79.3	85.4	91.5	97.6	103.4	109.5	105.0
57.5°	54.7	56.4	62.2	68.0	73.5	79.3	82.4	85.4	88.5	91.5	89.8
60°	49.8	51.4	59.2	66.9	74.6	82.4	79.6	76.8	73.8	71.0	73.0
62.5°	45.1	46.7	54.2	61.4	68.8	76.0	72.1	68.3	64.4	60.5	63.6
65°	39.8	41.5	44.2	47.3	50.0	52.8	52.5	52.0	51.7	51.1	54.5
67.5°	34.3	35.7	37.0	38.7	40.1	41.5	42.3	43.4	44.2	45.1	47.8
70°	29.9	31.2	32.9	34.3	35.9	37.3	37.9	38.4	38.7	39.2	41.7
72.5°	24.9	26.0	28.2	30.4	32.3	34.6	34.8	34.8	35.1	35.1	37.0
75°	21.6	22.4	24.0	25.7	27.1	28.7	29.6	30.4	31.0	31.8	32.9
77.5°	19.1	20.2	20.7	21.0	21.6	21.8	22.4	22.9	23.5	24.0	24.3
80°	14.1	15.5	16.0	16.3	16.9	17.1	17.1	16.9	16.9	16.6	16.9
82.5°	4.4	5.0	5.8	6.6	7.5	8.3	8.6	8.8	8.8	9.1	8.8
85°	0.8	1.1	1.7	2.2	2.5	3.0	2.8	2.2	1.9	1.4	1.1
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139
 CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	638.8	646.8	655.1	651.8	648.5	645.1	641.8	642.4	643.2	643.8	644.3
5°	627.4	626.9	626.6	636.0	645.7	655.1	664.5	674.7	685.2	695.4	705.7
7.5°	548.4	547.3	546.5	558.6	570.8	582.9	595.1	609.2	623.6	637.7	651.8
10°	492.6	494.8	497.0	502.0	507.2	512.2	517.2	530.7	544.2	557.5	571.1
12.5°	512.2	527.7	543.4	546.5	549.2	552.3	555.0	557.0	558.9	560.8	562.8
15°	463.5	482.6	501.7	509.7	517.4	525.5	533.2	553.6	573.8	594.3	614.5
17.5°	386.1	406.0	426.2	450.3	474.3	498.4	522.4	544.5	566.6	588.7	610.9
20°	295.5	322.0	348.6	379.0	409.6	440.0	470.4	492.6	514.4	536.5	558.3
22.5°	212.3	233.8	255.4	292.2	328.6	365.4	401.9	440.3	479.0	517.4	555.9
25°	161.7	175.2	189.1	225.3	261.5	297.4	333.6	386.4	439.2	492.0	544.8
27.5°	137.4	146.8	155.9	188.5	221.1	253.5	286.1	348.8	411.6	474.3	537.1
30°	129.4	135.7	142.1	169.7	197.6	225.3	252.9	316.5	380.1	443.6	507.2
32.5°	119.4	124.7	130.2	154.5	178.8	202.9	227.2	289.4	351.6	413.5	475.7
35°	108.1	113.9	119.4	143.7	168.1	192.1	216.4	280.8	345.2	409.6	474.0
37.5°	107.2	111.9	116.4	144.6	173.0	201.2	229.4	293.8	358.2	422.4	486.8
40°	106.1	110.6	115.0	143.7	172.2	200.9	229.4	296.9	364.3	431.7	499.2
42.5°	108.9	114.7	120.8	146.2	171.6	196.8	222.2	293.3	364.3	435.1	506.1
45°	112.8	120.2	127.7	150.9	174.1	197.4	220.6	297.7	374.8	451.7	528.8
47.5°	116.4	120.0	123.6	145.7	167.5	189.6	211.5	290.2	369.0	447.8	526.6
50°	119.7	117.7	115.8	140.1	164.5	188.5	212.8	288.0	362.9	438.1	513.0
52.5°	113.1	109.2	105.0	131.0	157.0	182.7	208.7	284.4	360.2	435.9	511.6
55°	100.6	96.2	91.8	117.5	142.9	168.6	194.0	269.5	345.0	420.4	495.9
57.5°	87.9	86.2	84.3	103.9	123.6	142.9	162.5	246.3	330.3	414.1	497.8
60°	74.9	76.6	78.5	92.6	106.7	120.5	134.6	216.7	298.5	380.6	462.4
62.5°	66.3	69.4	72.1	84.0	96.2	108.1	120.0	197.4	274.7	352.1	429.5
65°	58.0	61.4	64.7	78.8	93.1	107.2	121.3	186.9	252.4	317.9	383.4
67.5°	50.6	53.1	55.8	74.4	92.9	111.4	129.9	183.5	236.9	290.5	343.9
70°	44.2	46.4	48.9	70.5	92.0	113.6	135.2	180.8	226.7	272.3	317.9
72.5°	39.0	40.9	42.8	64.7	86.5	108.4	130.2	170.8	211.2	251.8	292.2
75°	34.0	34.8	35.9	54.5	72.7	91.2	109.5	136.5	163.9	191.0	218.1
77.5°	24.6	24.6	24.9	30.4	35.7	41.2	46.4	63.3	80.2	96.7	113.6
80°	16.9	17.1	17.1	19.3	21.3	23.5	25.4	29.0	32.3	35.9	39.2
82.5°	8.6	8.0	7.7	10.0	12.2	14.4	16.6	17.4	18.0	18.8	19.3
85°	0.8	0.3	0.0	1.4	2.8	4.1	5.5	6.6	7.7	8.8	10.0
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139

CATALOG NUMBER: MSA-SA2A-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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	642.1	639.9	637.7	635.5	649.0	662.8	676.4	689.9	728.3	753.5	750.7
5°	715.6	725.6	735.5	745.5	761.5	777.8	793.8	809.9	866.8	901.6	906.6
7.5°	667.2	682.5	697.9	713.1	744.1	774.8	805.7	836.4	883.1	919.3	939.8
10°	588.5	605.9	623.0	640.4	675.3	710.4	745.2	780.0	832.5	882.6	908.3
12.5°	590.1	617.5	644.9	672.2	702.6	733.0	763.2	793.6	825.6	842.5	878.7
15°	636.0	657.6	679.1	700.7	740.5	780.3	819.8	859.6	878.7	919.3	961.6
17.5°	652.9	695.2	737.2	779.2	828.9	878.4	928.2	977.7	1013.6	1070.0	1113.6
20°	621.6	684.9	748.0	811.3	879.5	947.8	1016.1	1084.3	1123.6	1177.2	1244.7
22.5°	623.0	690.2	757.1	824.2	918.5	1012.5	1106.7	1200.7	1306.0	1409.4	1442.3
25°	632.7	720.6	808.2	896.1	1005.0	1113.9	1222.8	1331.7	1458.9	1567.5	1611.2
27.5°	636.0	735.0	833.6	932.6	1087.4	1242.2	1397.0	1551.8	1703.5	1826.2	1872.9
30°	628.0	749.1	869.9	990.6	1180.5	1370.4	1560.3	1750.2	1894.2	2037.1	2095.2
32.5°	629.9	784.2	938.4	1092.6	1316.3	1540.1	1763.8	1987.4	2079.4	2208.2	2310.5
35°	643.2	812.4	981.2	1150.4	1397.8	1645.2	1892.6	2140.0	2290.9	2426.9	2513.7
37.5°	674.2	861.6	1048.7	1236.1	1540.1	1844.5	2148.5	2452.6	2686.1	2919.7	2959.5
40°	697.1	895.0	1092.9	1290.8	1643.8	1996.8	2349.7	2702.7	2967.0	3220.4	3247.5
42.5°	723.1	939.8	1156.8	1373.5	1768.2	2162.9	2557.6	2952.3	3258.3	3516.7	3534.7
45°	751.6	974.6	1197.4	1420.2	1833.7	2246.9	2660.4	3073.7	3431.1	3731.2	3663.5
47.5°	765.1	1003.6	1242.2	1480.7	1924.1	2367.2	2810.5	3253.6	3574.2	3839.0	3760.0
50°	775.6	1037.9	1300.5	1562.8	2027.7	2492.7	2957.6	3422.5	3744.0	3988.3	3864.5
52.5°	805.2	1098.4	1392.0	1685.3	2179.8	2674.0	3168.5	3662.7	3973.6	4198.1	4024.5
55°	833.9	1171.7	1509.7	1847.5	2379.3	2911.4	3443.2	3975.0	4284.6	4477.0	4241.2
57.5°	870.1	1242.7	1615.1	1987.4	2556.2	3125.1	3693.6	4262.5	4565.2	4777.7	4532.8
60°	860.7	1258.8	1657.1	2055.1	2634.4	3213.8	3793.2	4372.5	4732.1	4993.3	4827.2
62.5°	824.2	1219.0	1613.4	2008.1	2577.2	3146.1	3715.2	4284.1	4715.0	5068.8	5012.9
65°	750.4	1117.2	1484.3	1851.1	2394.5	2938.2	3481.6	4025.1	4556.9	5007.1	5027.0
67.5°	653.4	963.0	1272.3	1581.9	2088.8	2595.8	3102.4	3609.3	4237.1	4762.2	4821.4
70°	550.6	783.1	1015.8	1248.3	1694.4	2140.5	2586.4	3032.5	3685.1	4213.6	4325.2
72.5°	441.4	591.0	740.2	889.5	1211.5	1533.2	1855.3	2177.0	2751.1	3161.3	3356.2
75°	286.1	354.1	422.1	490.1	704.6	918.8	1133.3	1347.5	1728.7	2030.8	2251.1
77.5°	127.4	141.2	154.8	168.6	334.2	499.7	665.3	830.9	996.5	1178.9	1230.6
80°	45.6	51.7	58.0	64.1	145.4	226.9	308.2	389.5	469.6	563.9	586.8
82.5°	19.1	19.1	18.8	18.5	47.5	76.6	105.6	134.6	155.6	178.8	183.3
85°	7.7	5.8	3.6	1.4	6.1	11.1	15.8	20.5	32.9	29.9	55.3
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139

CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	740.2	739.7	739.1	738.6	738.0	728.1	718.4	708.4	698.8	710.9	723.1
5°	898.6	913.0	927.3	942.0	956.4	960.5	964.7	968.8	973.0	981.8	990.6
7.5°	956.9	981.2	1005.3	1029.6	1053.7	1076.1	1098.2	1120.6	1142.9	1137.4	1131.9
10°	936.7	980.7	1024.6	1068.9	1112.8	1122.5	1132.2	1142.1	1151.8	1176.9	1202.1
12.5°	914.9	967.7	1020.5	1073.3	1126.1	1155.4	1184.4	1213.7	1243.0	1268.4	1293.9
15°	1018.6	1052.3	1086.0	1120.0	1153.7	1179.4	1204.9	1230.6	1256.0	1273.7	1291.1
17.5°	1154.8	1171.4	1188.0	1204.9	1221.4	1241.6	1261.8	1282.0	1302.2	1312.7	1323.2
20°	1298.8	1306.0	1313.2	1320.4	1327.6	1311.6	1295.5	1279.5	1263.5	1273.4	1283.1
22.5°	1443.4	1445.9	1448.7	1451.1	1453.6	1416.3	1379.0	1341.7	1304.4	1288.6	1272.9
25°	1665.9	1647.7	1629.4	1611.2	1592.9	1548.7	1504.5	1460.3	1416.0	1377.1	1338.1
27.5°	1906.9	1845.0	1783.4	1721.5	1659.8	1615.6	1571.4	1527.2	1482.9	1424.3	1365.7
30°	2149.9	2050.1	1950.6	1850.8	1751.3	1698.8	1646.3	1593.5	1541.0	1482.4	1424.1
32.5°	2372.7	2252.7	2132.8	2012.5	1892.6	1804.1	1715.7	1627.2	1538.8	1497.9	1456.9
35°	2557.3	2415.5	2273.7	2131.7	1989.9	1902.2	1814.6	1727.0	1639.4	1578.6	1518.0
37.5°	2873.0	2713.5	2554.0	2394.5	2235.0	2115.4	1995.9	1876.3	1756.6	1715.9	1675.3
40°	3164.0	2963.1	2762.1	2561.2	2360.3	2259.9	2159.9	2059.5	1959.5	1892.8	1826.5
42.5°	3395.4	3183.7	2972.2	2760.5	2548.8	2449.5	2350.6	2251.3	2152.1	2107.6	2063.4
45°	3445.4	3245.9	3046.6	2847.0	2647.4	2589.7	2532.2	2474.4	2416.9	2386.2	2355.8
47.5°	3544.1	3327.7	3111.5	2895.1	2678.7	2652.7	2626.7	2600.4	2574.5	2589.1	2603.8
50°	3599.4	3378.5	3157.7	2936.8	2716.0	2723.5	2730.6	2738.1	2745.6	2849.5	2953.1
52.5°	3706.6	3483.6	3260.5	3037.5	2814.4	2861.4	2908.1	2955.1	3001.8	3145.0	3287.9
55°	3898.2	3679.0	3459.8	3240.3	3021.1	3083.1	3145.0	3207.2	3269.1	3421.1	3572.9
57.5°	4182.1	3964.5	3747.3	3529.7	3312.5	3374.1	3435.8	3497.4	3559.0	3696.4	3833.5
60°	4539.5	4316.1	4093.1	3869.7	3646.7	3669.9	3692.8	3716.0	3739.3	3886.9	4034.2
62.5°	4817.8	4612.4	4407.3	4202.0	3996.9	3971.2	3945.7	3920.0	3894.6	4006.8	4118.8
65°	4882.5	4737.9	4593.6	4449.1	4304.5	4225.5	4146.7	4067.6	3988.6	4033.9	4079.2
67.5°	4697.3	4599.7	4502.4	4404.8	4307.3	4142.3	3977.2	3811.9	3646.9	3622.9	3598.8
70°	4267.5	4214.1	4161.1	4107.7	4054.6	3800.3	3546.3	3292.0	3038.0	2976.9	2915.8
72.5°	3367.5	3400.7	3433.8	3467.3	3500.4	3228.2	2956.2	2683.9	2411.7	2334.3	2257.2
75°	2374.6	2487.1	2599.6	2712.1	2824.6	2576.4	2328.5	2080.2	1832.0	1757.7	1683.6
77.5°	1287.5	1498.4	1709.3	1920.2	2131.1	1926.3	1721.7	1516.9	1312.1	1260.4	1209.0
80°	610.3	731.9	853.3	974.9	1096.5	1050.4	1004.2	957.8	911.6	922.9	934.3
82.5°	187.1	275.0	362.9	450.8	538.7	545.6	552.3	559.2	566.1	583.2	600.1
85°	62.7	86.0	109.2	132.4	155.6	196.5	237.4	278.6	319.5	293.0	266.7
87.5°	0.0	0.8	1.4	2.2	2.8	8.6	14.4	20.2	26.0	22.4	19.1
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139

CATALOG NUMBER: MSA-SA2A-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°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	735.5	747.7	748.0	748.5	748.8	749.1	750.4	751.8	753.5	754.9	745.7
5°	999.8	1008.6	992.3	976.0	959.4	943.1	957.8	972.4	987.1	1001.7	995.3
7.5°	1126.1	1120.6	1118.6	1117.0	1115.0	1113.4	1118.9	1124.4	1130.0	1135.5	1134.9
10°	1227.3	1252.4	1258.5	1264.6	1270.9	1277.0	1264.3	1251.6	1238.9	1226.1	1220.9
12.5°	1319.3	1344.7	1364.9	1385.1	1405.5	1425.7	1407.5	1389.5	1371.3	1353.3	1336.2
15°	1308.8	1326.2	1342.8	1359.4	1376.0	1392.5	1386.5	1380.7	1374.6	1368.5	1365.7
17.5°	1333.9	1344.5	1340.6	1336.7	1332.6	1328.7	1326.8	1325.1	1323.2	1321.2	1314.6
20°	1293.0	1303.0	1300.5	1298.3	1295.8	1293.3	1291.7	1290.0	1288.3	1286.7	1281.4
22.5°	1257.1	1241.3	1237.2	1233.3	1229.2	1225.3	1225.9	1226.4	1226.7	1227.3	1251.0
25°	1299.1	1260.1	1244.9	1229.7	1214.3	1199.1	1206.0	1212.6	1219.5	1226.4	1260.7
27.5°	1306.9	1248.3	1223.9	1199.6	1175.3	1151.0	1175.8	1200.7	1225.6	1250.5	1306.0
30°	1365.5	1307.1	1273.1	1239.4	1205.4	1171.7	1203.5	1235.3	1267.1	1298.8	1359.1
32.5°	1415.8	1374.9	1350.5	1326.2	1301.9	1277.6	1278.9	1280.0	1281.4	1282.8	1367.7
35°	1457.2	1396.7	1374.6	1352.7	1330.6	1308.8	1341.7	1374.6	1407.5	1440.4	1516.7
37.5°	1634.7	1594.0	1553.4	1513.1	1472.4	1432.1	1458.3	1484.6	1511.1	1537.4	1621.7
40°	1759.9	1693.6	1683.1	1672.8	1662.3	1652.1	1665.6	1678.9	1692.4	1706.0	1779.8
42.5°	2018.9	1974.4	1945.9	1917.7	1889.3	1861.1	1871.8	1882.6	1893.7	1904.5	1974.4
45°	2325.1	2294.5	2275.7	2256.9	2237.8	2219.0	2202.7	2186.7	2170.4	2154.3	2225.4
47.5°	2618.4	2633.1	2674.5	2715.7	2757.2	2798.4	2764.6	2730.9	2696.9	2663.2	2663.5
50°	3057.1	3160.7	3181.7	3202.5	3223.5	3244.2	3172.3	3100.5	3028.3	2956.5	2947.9
52.5°	3431.1	3574.0	3581.4	3588.9	3596.6	3604.1	3575.1	3546.0	3516.7	3487.7	3410.6
55°	3724.9	3876.6	3886.9	3896.8	3907.0	3917.0	3891.6	3866.4	3841.0	3815.5	3737.6
57.5°	3970.9	4108.0	4114.1	4119.9	4125.9	4132.0	4134.0	4135.9	4138.1	4140.0	4034.7
60°	4181.8	4329.4	4317.2	4305.3	4293.2	4281.3	4263.0	4244.8	4226.6	4208.3	4140.3
62.5°	4231.0	4343.2	4324.4	4305.9	4287.1	4268.6	4253.1	4237.9	4222.4	4206.9	4163.5
65°	4124.6	4169.9	4150.5	4131.2	4111.6	4092.2	4082.3	4072.6	4062.6	4052.7	4047.2
67.5°	3574.5	3550.5	3573.4	3596.3	3619.3	3642.2	3673.5	3704.7	3736.2	3767.4	3749.2
70°	2854.5	2793.4	2818.8	2844.0	2869.4	2894.5	2941.8	2989.1	3036.6	3083.9	3071.2
72.5°	2179.8	2102.4	2106.0	2109.5	2113.4	2117.0	2115.6	2114.5	2113.1	2111.8	2133.9
75°	1609.2	1534.9	1499.8	1464.7	1429.6	1394.5	1385.9	1377.3	1368.8	1360.2	1401.4
77.5°	1157.3	1105.9	1081.9	1058.1	1034.0	1010.3	1022.4	1034.6	1047.0	1059.2	1073.6
80°	945.9	957.2	938.7	920.4	901.9	883.4	897.2	910.8	924.6	938.4	895.6
82.5°	617.2	634.1	577.1	520.2	463.3	406.3	440.9	475.4	510.2	544.8	527.1
85°	240.2	213.9	182.4	151.2	119.7	88.2	114.7	141.2	167.8	194.3	212.0
87.5°	15.5	12.2	9.7	7.2	4.4	1.9	4.1	6.4	8.8	11.1	18.5
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: P367139
 CATALOG NUMBER: MSA-SA2A-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: P367139

CATALOG NUMBER: MSA-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3	584.3
2.5°	736.9	727.8	718.9	701.5	684.1	666.7	649.3	673.6	697.9	722.3	746.6
5°	989.3	982.9	976.8	978.5	980.1	982.1	983.7	987.3	990.9	994.2	997.8
7.5°	1134.7	1134.1	1133.6	1120.8	1108.1	1095.1	1082.4	1088.8	1095.1	1101.5	1107.8
10°	1215.9	1210.7	1205.4	1177.5	1149.6	1121.4	1093.5	1081.3	1068.9	1056.7	1044.5
12.5°	1319.0	1301.6	1284.5	1254.6	1225.0	1195.2	1165.3	1154.3	1142.9	1131.9	1120.6
15°	1363.2	1360.5	1358.0	1336.7	1315.2	1293.9	1272.3	1234.4	1196.3	1158.4	1120.6
17.5°	1308.0	1301.1	1294.4	1328.1	1361.6	1395.3	1429.0	1389.8	1350.5	1311.3	1272.0
20°	1276.2	1270.9	1265.7	1328.4	1390.9	1453.6	1516.1	1498.7	1481.0	1463.6	1446.2
22.5°	1274.8	1298.8	1322.6	1377.6	1432.3	1487.4	1542.1	1572.2	1602.6	1632.7	1662.9
25°	1295.0	1329.5	1363.8	1455.0	1546.2	1637.7	1728.9	1763.5	1797.8	1832.3	1866.6
27.5°	1361.3	1416.9	1472.2	1551.8	1631.4	1711.2	1790.8	1866.3	1942.0	2017.5	2093.0
30°	1419.1	1479.3	1539.6	1634.4	1728.9	1823.7	1918.3	2012.8	2107.3	2201.9	2296.4
32.5°	1452.5	1537.7	1622.5	1737.8	1852.8	1968.0	2083.3	2186.9	2290.6	2394.0	2497.6
35°	1592.9	1669.5	1745.8	1873.2	2000.6	2128.3	2255.8	2384.0	2512.3	2640.3	2768.5
37.5°	1706.0	1790.6	1874.9	2014.2	2153.2	2292.5	2431.8	2609.0	2786.5	2963.7	3140.8
40°	1853.6	1927.4	2001.2	2131.7	2261.8	2392.3	2522.8	2747.5	2972.2	3196.7	3421.4
42.5°	2044.0	2114.0	2183.9	2323.5	2463.1	2602.7	2742.2	2991.0	3239.8	3488.3	3737.0
45°	2296.4	2367.7	2438.8	2549.9	2661.0	2772.1	2883.2	3147.7	3412.0	3676.5	3940.8
47.5°	2663.7	2664.0	2664.3	2744.5	2824.6	2905.1	2985.2	3251.7	3517.8	3784.3	4050.5
50°	2939.3	2930.5	2921.9	2963.4	3004.6	3046.0	3087.5	3332.7	3578.1	3823.3	4068.5
52.5°	3333.8	3256.6	3179.8	3204.4	3228.7	3253.3	3277.7	3485.2	3693.1	3900.7	4108.3
55°	3659.9	3582.0	3504.0	3494.9	3485.8	3476.7	3467.5	3658.5	3849.5	4040.5	4231.5
57.5°	3929.7	3824.4	3719.4	3698.3	3677.6	3656.6	3635.6	3837.1	4038.3	4239.8	4441.1
60°	4072.6	4004.6	3936.6	3923.1	3909.2	3895.7	3881.9	4047.2	4212.5	4377.8	4543.0
62.5°	4120.4	4077.0	4033.9	4059.3	4084.8	4110.5	4135.9	4208.6	4281.0	4353.7	4426.1
65°	4041.9	4036.4	4030.9	4083.1	4135.1	4187.3	4239.6	4221.6	4203.3	4185.4	4167.4
67.5°	3731.2	3713.0	3695.0	3809.7	3924.2	4038.9	4153.6	4066.5	3979.2	3892.1	3805.0
70°	3058.5	3045.5	3032.8	3198.0	3363.3	3528.9	3694.2	3588.6	3483.0	3377.4	3271.8
72.5°	2155.7	2177.8	2199.9	2394.8	2589.4	2784.3	2978.9	2872.4	2766.0	2659.6	2553.2
75°	1442.3	1483.5	1524.7	1725.3	1926.0	2127.0	2327.6	2202.7	2077.8	1952.8	1827.9
77.5°	1087.9	1102.3	1116.7	1243.6	1370.4	1497.6	1624.5	1521.4	1418.0	1314.9	1211.5
80°	852.7	809.6	766.8	808.5	850.2	892.0	933.7	872.1	810.4	749.1	687.4
82.5°	509.4	491.7	474.0	496.7	519.1	541.8	564.4	537.9	511.1	484.5	457.7
85°	229.4	247.1	264.5	287.5	310.1	333.1	356.0	319.0	281.9	244.9	207.9
87.5°	25.7	33.2	40.6	50.3	60.0	69.7	79.3	61.9	44.2	26.8	9.4
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



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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°	584.3	584.3
2.5°	760.7	774.8
5°	997.6	997.0
7.5°	1091.3	1074.4
10°	1029.1	1013.6
12.5°	1081.0	1041.5
15°	1090.7	1060.9
17.5°	1223.4	1174.5
20°	1383.4	1320.4
22.5°	1576.6	1490.1
25°	1763.8	1660.9
27.5°	2031.3	1969.4
30°	2233.9	2171.2
32.5°	2455.1	2412.5
35°	2726.2	2683.6
37.5°	3151.9	3162.7
40°	3428.0	3434.6
42.5°	3762.7	3788.5
45°	3969.5	3998.2
47.5°	4090.6	4130.6
50°	4133.1	4197.8
52.5°	4188.1	4267.7
55°	4320.3	4409.0
57.5°	4511.8	4582.6
60°	4546.4	4549.7
62.5°	4375.0	4323.9
65°	4113.0	4058.5
67.5°	3772.1	3739.0
70°	3228.2	3184.5
72.5°	2471.9	2390.7
75°	1727.3	1626.7
77.5°	1158.7	1105.9
80°	689.1	690.5
82.5°	470.4	482.9
85°	205.4	202.6
87.5°	6.6	3.6
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: P367139
CATALOG NUMBER: MSA-SA2A-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)