

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: P596927

Luminaire Tested: **MSA-SA2A-835-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596927
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2A-835-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: 4780 lumens
Efficiency: N/A
Efficacy: 72.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

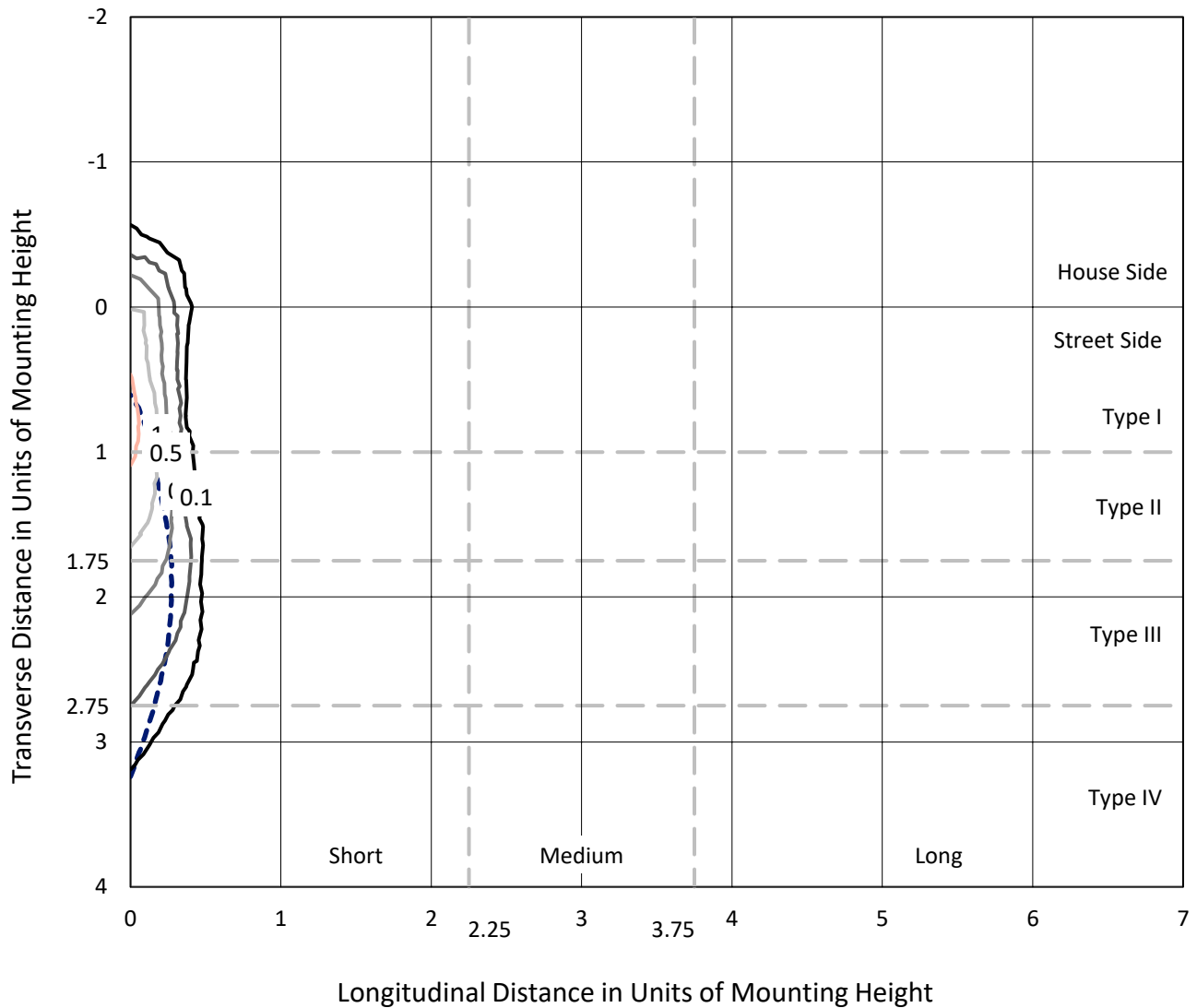
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

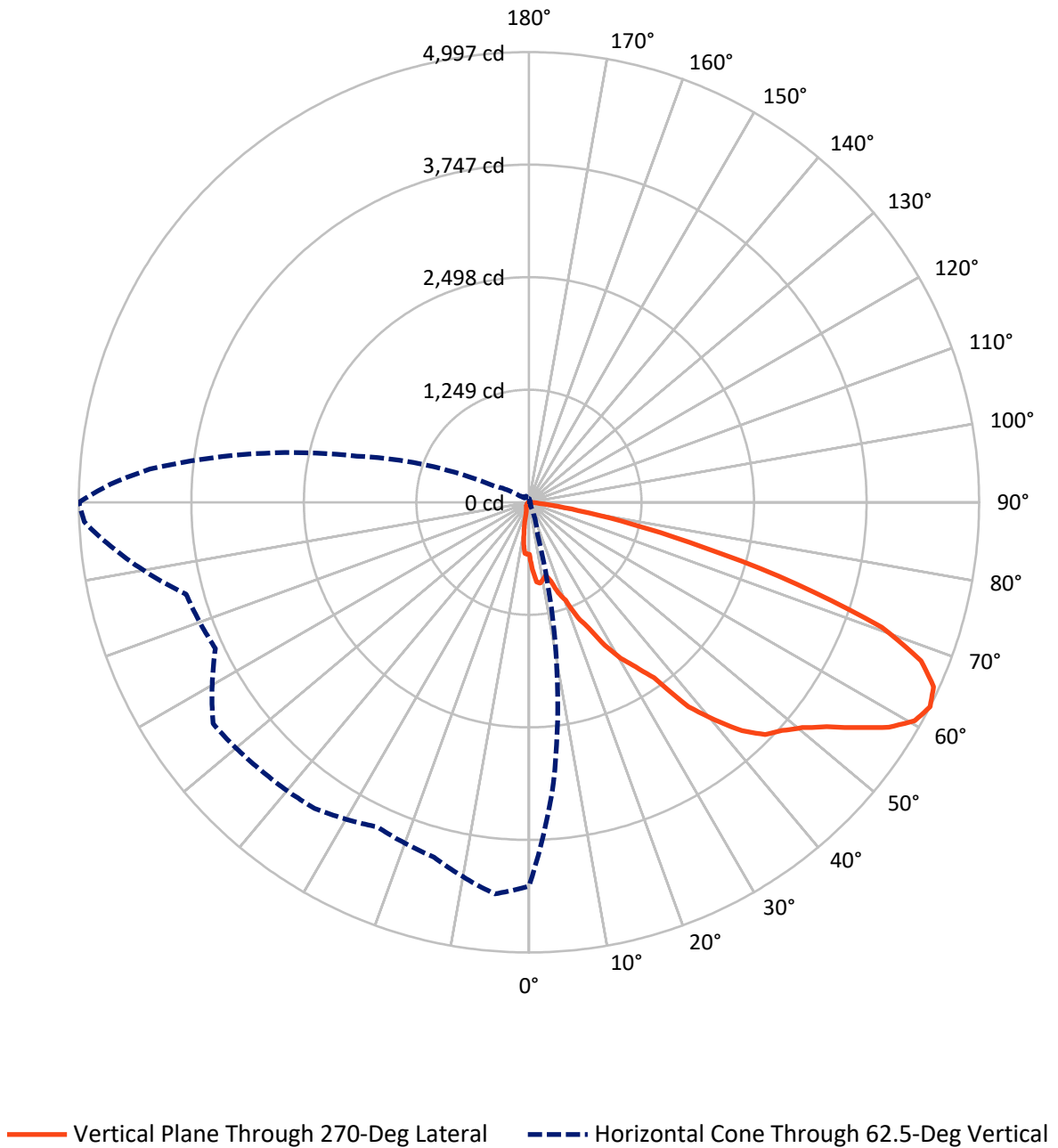
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P596927
CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	798.2	0.0	798.2
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3981.8	0.0	3981.8
	% Fixture	83.3	0.0	83.3
Total	Lumens	4780.0	0.0	4780.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	1.3
10°-20°	168.1	3.5
20°-30°	271.7	5.7
30°-40°	455.1	9.5
40°-50°	744.0	15.6
50°-60°	1101.3	23.0
60°-70°	1264.4	26.5
70°-80°	625.1	13.1
80°-90°	85.9	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°	4780.0	100.0
0°-180°	4780.0	100.0

Coefficient of Utilization



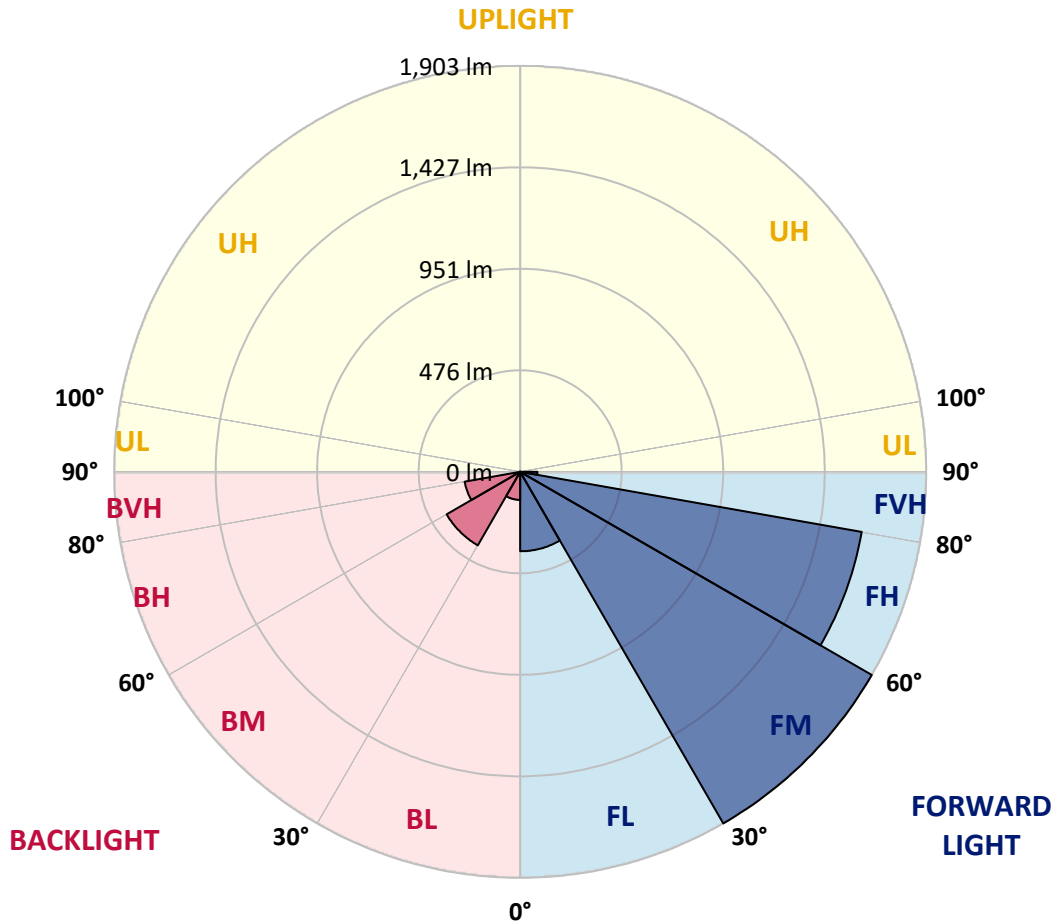
REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	372.4	7.8			
FM (30°-60°)	1902.7	39.8			
FH (60°-80°)	1625.4	34.0			G1/1800
FVH (80°-90°)	81.3	1.7			G1/100
BL (0°-30°)	131.8	2.8	B1/500		
BM (30°-60°)	397.7	8.3	B1/1000		
BH (60°-80°)	264.1	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





REPORT NUMBER: P596927

CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	763.7	773.3	782.5	764.8	747.1	729.4	711.7	695.9	680.1	664.0	648.2
5°	982.8	965.4	947.9	924.0	900.0	876.0	852.0	840.9	829.7	818.5	807.3
7.5°	1059.1	1028.0	996.7	975.5	954.5	933.2	912.0	878.5	844.7	811.2	777.4
10°	999.2	966.2	933.0	914.4	895.9	877.4	858.8	817.2	775.2	733.5	691.5
12.5°	1026.7	991.0	955.3	917.2	879.0	840.9	802.7	770.8	738.7	706.8	674.6
15°	1045.8	1004.9	963.7	920.1	876.6	833.0	789.4	751.8	714.4	676.8	639.2
17.5°	1157.7	1099.2	1040.6	973.6	906.5	839.5	772.5	728.9	685.5	642.0	598.4
20°	1301.6	1218.5	1135.1	1044.4	953.7	862.9	772.2	718.0	663.7	609.5	555.3
22.5°	1468.9	1365.1	1261.0	1149.0	1037.3	925.3	813.3	735.4	657.5	579.6	501.6
25°	1637.3	1543.6	1449.8	1299.2	1148.5	997.5	846.9	747.9	648.8	549.9	450.7
27.5°	1941.4	1773.8	1606.2	1414.4	1222.9	1031.0	839.2	725.9	612.5	498.9	385.6
30°	2140.3	2011.4	1882.3	1628.9	1375.7	1122.3	868.9	725.3	581.7	437.9	294.3
32.5°	2378.2	2189.6	2000.8	1725.9	1450.9	1176.0	901.1	732.4	563.5	394.8	225.9
35°	2645.5	2440.3	2235.1	1886.9	1538.7	1190.2	841.9	678.5	515.0	351.5	188.0
37.5°	3117.7	2774.3	2431.0	2025.0	1618.8	1212.8	806.5	643.3	479.8	316.6	153.1
40°	3385.8	3058.0	2730.2	2222.9	1715.5	1208.2	700.8	555.8	411.2	266.2	121.3
42.5°	3734.5	3318.7	2902.7	2335.7	1768.6	1201.6	634.6	500.5	366.5	232.1	98.1
45°	3941.4	3470.2	2999.1	2384.7	1770.3	1155.8	541.4	425.3	309.3	193.2	77.1
47.5°	4071.9	3599.4	3126.9	2467.3	1807.9	1148.2	488.5	381.7	274.9	168.1	61.3
50°	4138.1	3664.2	3190.1	2512.2	1834.3	1156.1	478.2	371.9	265.4	159.1	52.6
52.5°	4207.0	3750.1	3292.9	2590.1	1887.4	1184.7	482.0	373.6	265.4	156.9	48.5
55°	4346.3	3895.6	3444.6	2701.9	1959.1	1216.3	473.6	366.8	259.9	152.9	46.0
57.5°	4517.4	4035.6	3553.6	2783.6	2013.6	1243.6	473.6	366.2	258.9	151.2	43.9
60°	4484.9	3962.1	3438.9	2691.8	1944.7	1197.3	450.1	348.0	246.0	143.9	41.7
62.5°	4262.3	3694.8	3126.9	2436.5	1745.7	1055.3	364.6	283.1	201.6	119.9	38.4
65°	4000.8	3398.3	2795.6	2160.2	1524.5	889.1	253.4	198.9	144.1	89.6	34.9
67.5°	3685.8	3043.3	2400.8	1835.7	1270.8	705.7	140.6	113.3	86.1	58.6	31.3
70°	3139.2	2476.0	1812.5	1378.2	944.1	509.8	75.5	63.8	52.0	40.3	28.6
72.5°	2356.6	1749.0	1141.4	867.0	592.9	318.5	44.1	39.8	35.1	30.8	26.2
75°	1603.5	1148.2	692.9	527.5	362.4	197.0	31.6	29.4	27.0	24.8	22.3
77.5°	1090.2	788.5	486.9	371.7	256.4	141.1	25.9	24.5	23.2	21.5	20.2
80°	680.6	465.9	251.2	193.5	135.4	77.7	19.6	18.8	18.0	16.9	16.1
82.5°	476.0	284.7	93.5	73.0	52.6	31.9	11.4	11.7	12.0	12.0	12.3
85°	199.7	107.9	16.1	13.6	11.2	8.7	6.3	6.8	7.6	8.2	8.7
87.5°	3.5	1.9	0.0	0.5	1.4	1.9	2.5	3.3	3.8	4.6	5.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

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



REPORT NUMBER: P596927
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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°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	652.3	656.4	660.2	664.3	661.0	658.0	654.8	651.5	646.6	642.0	637.0
5°	793.7	780.1	766.5	752.8	732.1	711.4	690.5	669.7	667.3	664.8	662.1
7.5°	745.5	713.6	681.5	649.6	619.6	589.6	559.7	529.7	520.4	511.4	502.2
10°	667.0	642.5	617.7	593.2	571.7	549.9	528.3	506.5	483.9	461.3	438.4
12.5°	649.0	623.4	597.5	571.9	552.3	532.7	513.1	493.5	468.1	442.8	417.4
15°	611.4	583.6	555.8	528.1	501.9	475.7	449.3	423.2	392.6	362.1	331.6
17.5°	565.4	532.7	499.7	466.7	432.4	398.1	363.8	329.4	294.3	259.4	224.2
20°	510.6	465.9	421.0	376.3	333.8	291.3	248.5	206.0	183.9	162.1	140.1
22.5°	443.9	385.8	328.1	270.0	235.1	200.0	165.1	130.0	120.4	110.9	101.4
25°	385.0	319.3	253.7	188.0	165.9	143.9	121.8	99.7	95.4	90.7	86.4
27.5°	323.7	262.1	200.3	138.4	125.9	113.1	100.5	87.7	84.7	82.0	79.0
30°	248.2	202.2	155.9	109.8	101.6	93.5	85.0	76.8	75.5	73.8	72.5
32.5°	192.4	158.6	125.1	91.3	86.6	82.0	77.4	72.8	70.6	68.4	65.9
35°	160.8	133.8	106.5	79.3	76.0	72.5	69.2	65.7	63.5	61.0	58.9
37.5°	133.2	113.6	93.7	73.8	70.3	66.8	62.9	59.4	57.8	56.1	54.5
40°	109.8	98.4	86.9	75.5	70.3	65.1	59.9	54.8	53.4	52.0	50.7
42.5°	90.7	83.4	75.7	68.4	64.6	61.0	57.2	53.4	51.5	49.3	47.4
45°	73.3	69.2	65.4	61.3	61.6	61.9	61.9	62.1	57.2	52.0	47.1
47.5°	59.4	57.5	55.3	53.4	55.6	57.8	59.7	61.9	56.7	51.5	46.0
50°	51.0	49.6	48.0	46.3	48.5	51.0	53.1	55.3	53.1	51.2	49.0
52.5°	46.6	44.7	42.8	40.9	41.7	42.8	43.6	44.4	44.4	44.4	44.4
55°	43.9	42.0	39.8	37.6	36.8	35.7	34.9	33.8	32.4	31.3	30.0
57.5°	41.7	39.5	37.1	34.9	33.5	31.9	30.5	28.9	27.5	25.9	24.5
60°	39.5	37.3	34.9	32.7	31.3	30.0	28.3	27.0	25.3	24.0	22.3
62.5°	36.5	34.6	32.7	30.8	29.4	28.3	27.0	25.6	24.0	22.3	20.4
65°	33.2	31.9	30.2	28.6	27.2	25.9	24.5	23.2	21.5	20.2	18.5
67.5°	30.2	28.9	27.8	26.4	24.8	23.4	21.8	20.2	19.1	18.0	16.6
70°	27.8	26.7	25.9	24.8	23.2	21.8	20.2	18.5	17.7	16.6	15.8
72.5°	25.3	24.5	23.4	22.6	21.3	19.9	18.5	17.2	16.3	15.5	14.7
75°	21.8	21.3	20.7	20.2	18.8	17.4	15.8	14.4	14.2	13.9	13.6
77.5°	19.6	19.3	18.8	18.3	16.9	15.5	14.2	12.8	13.1	13.4	13.4
80°	16.1	16.1	15.8	15.8	14.7	13.6	12.3	11.2	11.7	12.5	13.1
82.5°	12.3	12.3	12.3	12.3	11.2	10.1	9.0	7.9	8.7	9.3	10.1
85°	8.4	8.2	7.9	7.6	6.8	6.3	5.4	4.6	5.7	6.5	7.6
87.5°	5.2	5.4	5.4	5.4	4.9	4.1	3.5	2.7	3.3	3.5	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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	632.1	624.0	615.8	607.3	599.2	580.1	561.0	542.0	522.9	537.0	550.9
5°	659.7	643.9	627.8	612.0	595.9	588.8	582.0	574.9	567.8	568.9	570.3
7.5°	492.9	482.6	472.2	461.6	451.2	449.0	447.1	445.0	442.8	447.4	451.8
10°	415.8	401.4	386.6	372.2	357.5	349.6	341.7	333.8	325.9	325.1	324.0
12.5°	392.1	370.0	348.2	326.2	304.1	286.9	269.8	252.6	235.4	236.8	238.1
15°	301.1	279.0	257.2	235.1	213.1	199.2	185.0	171.1	156.9	152.9	148.8
17.5°	189.1	172.7	156.4	139.8	123.4	118.8	114.4	109.8	105.2	103.8	102.5
20°	118.0	110.9	103.8	96.5	89.4	88.3	87.2	86.1	85.0	85.8	86.6
22.5°	91.8	88.8	85.6	82.6	79.3	78.2	77.1	76.0	74.9	75.7	76.3
25°	81.7	79.6	77.4	75.2	73.0	71.9	70.6	69.5	68.1	68.7	69.5
27.5°	76.0	74.1	72.2	70.3	68.4	66.5	64.8	62.9	61.0	62.1	62.9
30°	70.8	68.7	66.8	64.6	62.4	60.5	58.6	56.4	54.5	55.6	56.7
32.5°	63.8	61.9	59.7	57.8	55.6	54.5	53.4	52.0	51.0	51.8	52.3
35°	56.4	54.8	53.4	51.8	50.1	49.0	48.2	47.1	46.0	46.3	46.9
37.5°	52.9	51.0	49.0	47.1	45.2	44.7	44.1	43.3	42.8	42.8	42.8
40°	49.3	47.4	45.5	43.3	41.4	40.6	39.8	39.0	38.1	38.1	38.1
42.5°	45.2	43.3	41.4	39.5	37.6	36.8	35.7	34.9	33.8	33.8	33.8
45°	42.0	40.1	38.4	36.5	34.6	33.2	31.9	30.2	28.9	28.6	28.3
47.5°	40.9	38.1	35.4	32.7	30.0	28.6	27.2	25.6	24.3	24.0	23.7
50°	46.9	41.4	36.0	30.5	25.1	24.0	22.9	21.8	20.7	20.2	19.9
52.5°	44.4	38.7	33.0	27.2	21.5	20.7	19.9	19.1	18.3	17.7	17.2
55°	28.6	26.2	24.0	21.5	19.1	18.5	18.0	17.2	16.6	16.1	15.5
57.5°	22.9	21.5	20.4	19.1	17.7	17.2	16.6	15.8	15.3	14.4	13.9
60°	20.7	19.6	18.5	17.4	16.3	15.8	15.3	14.7	14.2	13.4	12.8
62.5°	18.8	18.0	17.2	16.3	15.5	15.0	14.4	13.9	13.4	12.5	11.7
65°	16.9	16.3	15.8	15.3	14.7	14.2	13.6	12.8	12.3	11.4	10.6
67.5°	15.5	15.3	15.0	14.7	14.4	13.9	13.1	12.5	11.7	10.9	9.8
70°	14.7	14.7	14.7	14.4	14.4	13.9	13.1	12.5	11.7	10.6	9.8
72.5°	13.9	14.2	14.4	14.4	14.7	13.9	13.1	12.3	11.4	10.4	9.5
75°	13.4	13.6	13.9	13.9	14.2	13.6	13.1	12.3	11.7	10.6	9.5
77.5°	13.6	13.9	13.9	14.2	14.2	13.6	13.1	12.3	11.7	10.4	9.0
80°	13.6	13.4	13.1	12.5	12.3	11.2	10.1	8.7	7.6	6.0	4.6
82.5°	10.6	10.1	9.8	9.3	8.7	7.6	6.5	5.4	4.4	3.3	2.2
85°	8.4	7.9	7.6	7.1	6.5	5.7	4.6	3.8	2.7	2.2	1.4
87.5°	4.4	4.1	3.5	3.3	2.7	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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	565.1	579.0	577.1	575.2	584.2	593.2	586.6	580.4	573.8	567.3	553.7
5°	571.4	572.5	570.6	568.4	568.7	568.9	564.6	560.2	555.8	551.5	550.7
7.5°	456.4	460.8	466.7	472.5	472.7	472.7	469.5	466.2	462.7	459.4	461.0
10°	323.2	322.1	323.7	325.3	325.1	324.5	333.2	342.0	350.4	359.1	352.9
12.5°	239.2	240.6	233.8	227.0	229.4	231.6	233.0	234.3	235.7	237.1	240.9
15°	144.7	140.6	135.7	130.8	133.2	135.4	137.9	140.1	142.5	144.7	147.1
17.5°	100.8	99.5	97.3	94.8	95.1	95.4	95.6	95.9	95.9	96.2	96.7
20°	87.5	88.3	86.6	84.7	84.2	83.4	82.8	82.3	81.5	80.9	80.1
22.5°	77.1	77.7	77.9	77.9	76.8	75.5	74.4	73.6	72.5	71.4	70.8
25°	70.0	70.6	70.0	69.2	68.7	68.1	67.6	66.8	66.2	65.4	65.1
27.5°	64.0	64.8	64.8	64.6	64.0	63.2	61.9	60.8	59.4	58.0	58.3
30°	57.8	58.9	58.9	58.6	58.3	58.0	56.7	55.3	54.0	52.6	53.1
32.5°	53.1	53.7	53.4	53.1	53.1	52.9	51.8	51.0	49.9	48.8	48.8
35°	47.1	47.4	47.4	47.4	47.4	47.1	46.3	45.5	44.7	43.9	44.1
37.5°	42.8	42.8	43.6	44.1	43.6	43.1	42.5	41.7	41.1	40.3	40.3
40°	37.9	37.9	38.7	39.2	38.7	38.1	37.9	37.3	37.1	36.5	36.5
42.5°	33.5	33.5	34.3	34.9	34.9	34.6	34.1	33.5	33.0	32.4	32.7
45°	28.1	27.8	29.2	30.2	29.7	29.2	29.2	28.9	28.9	28.6	28.9
47.5°	23.2	22.9	24.0	25.1	24.8	24.3	24.3	24.3	24.3	24.3	24.5
50°	19.3	18.8	19.9	20.7	20.4	19.9	19.9	20.2	20.2	20.2	20.4
52.5°	16.6	16.1	16.9	17.4	17.2	16.9	16.9	17.2	17.2	17.2	17.4
55°	14.7	14.2	15.0	15.5	15.3	14.7	15.0	15.0	15.3	15.3	15.3
57.5°	13.1	12.3	12.8	13.4	13.4	13.1	13.4	13.4	13.6	13.6	13.6
60°	12.0	11.2	11.7	12.0	12.0	11.7	12.0	12.0	12.3	12.3	12.3
62.5°	10.6	9.8	10.4	10.6	10.6	10.4	10.6	10.6	10.9	10.9	10.9
65°	9.5	8.7	9.0	9.3	9.3	9.3	9.5	9.5	9.8	9.8	9.8
67.5°	9.0	7.9	8.2	8.4	8.4	8.4	8.7	8.7	9.0	9.0	9.3
70°	8.7	7.6	7.9	7.9	8.2	8.2	8.2	8.4	8.4	8.4	8.4
72.5°	8.4	7.4	7.4	7.4	7.6	7.6	7.6	7.9	7.9	7.9	7.9
75°	8.4	7.4	7.1	6.8	7.1	7.1	7.1	7.4	7.4	7.4	7.4
77.5°	7.4	6.0	5.4	4.6	5.4	6.0	6.3	6.3	6.5	6.5	6.5
80°	3.0	1.4	0.8	0.0	0.3	0.5	0.8	1.1	1.4	1.6	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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	540.0	526.4	512.8	519.3	525.9	532.4	539.0	538.4	537.6	537.0	536.2
5°	550.1	549.3	548.5	544.7	541.1	537.3	533.5	532.7	531.6	530.8	529.7
7.5°	462.7	464.0	465.7	461.3	456.9	452.6	448.2	437.1	425.9	414.4	403.3
10°	346.6	340.0	333.8	333.2	332.7	332.1	331.6	330.5	329.4	328.1	327.0
12.5°	245.0	248.8	252.6	251.2	249.9	248.2	246.9	248.8	250.9	252.9	254.8
15°	149.3	151.8	153.9	158.9	163.8	168.7	173.6	175.5	177.7	179.6	181.5
17.5°	97.3	97.5	98.1	103.5	108.7	114.2	119.3	122.9	126.4	129.7	133.2
20°	79.3	78.5	77.7	80.7	83.6	86.6	89.6	92.9	96.2	99.5	102.7
22.5°	70.6	70.0	69.5	70.6	71.7	72.5	73.6	76.0	78.7	81.2	83.6
25°	64.8	64.3	64.0	64.6	65.1	65.7	66.2	67.6	68.9	70.3	71.7
27.5°	58.3	58.6	58.6	59.1	59.4	59.9	60.2	60.8	61.6	62.1	62.7
30°	53.4	54.0	54.2	54.8	55.0	55.6	55.9	55.6	55.3	55.0	54.8
32.5°	48.8	48.5	48.5	49.0	49.3	49.9	50.1	50.7	51.2	51.5	52.0
35°	44.1	44.4	44.4	44.4	44.7	44.7	44.7	45.2	46.0	46.6	47.1
37.5°	40.1	40.1	39.8	40.6	41.1	42.0	42.5	43.1	43.9	44.4	45.0
40°	36.5	36.5	36.5	37.1	37.6	37.9	38.4	39.8	41.1	42.5	43.9
42.5°	32.7	33.0	33.0	33.5	34.1	34.3	34.9	36.0	36.8	37.9	38.7
45°	29.2	29.4	29.7	30.2	30.5	31.1	31.3	31.9	32.2	32.7	33.0
47.5°	25.1	25.3	25.6	26.2	26.4	27.0	27.2	27.0	27.0	26.7	26.4
50°	21.0	21.3	21.5	22.3	22.9	23.7	24.3	23.7	23.2	22.3	21.8
52.5°	17.7	17.7	18.0	18.5	19.1	19.3	19.9	19.6	19.3	19.1	18.8
55°	15.3	15.3	15.3	15.5	15.8	16.1	16.3	16.6	16.6	16.9	16.9
57.5°	13.6	13.4	13.4	13.6	13.9	13.9	14.2	14.4	14.4	14.7	14.7
60°	12.3	12.0	12.0	12.3	12.5	12.8	13.1	13.1	13.1	12.8	12.8
62.5°	10.9	10.9	10.9	11.2	11.2	11.4	11.4	11.4	11.7	11.7	11.7
65°	10.1	10.1	10.1	10.1	10.1	9.8	9.8	10.1	10.1	10.4	10.4
67.5°	9.3	9.5	9.5	9.3	9.0	8.7	8.4	8.7	8.7	9.0	9.0
70°	8.4	8.4	8.4	8.2	7.9	7.6	7.4	7.4	7.4	7.1	7.1
72.5°	7.9	7.6	7.6	7.4	6.8	6.5	6.0	5.7	5.7	5.4	5.2
75°	7.4	7.1	7.1	6.5	6.0	5.4	4.9	4.6	4.1	3.8	3.3
77.5°	6.5	6.5	6.5	5.7	5.2	4.4	3.5	3.0	2.5	1.6	1.1
80°	2.2	2.5	2.7	2.5	2.5	2.2	1.9	1.4	1.1	0.5	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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	539.2	542.2	545.2	548.2	548.5	548.8	549.0	549.3	542.5	535.4	528.6
5°	535.1	540.9	546.3	551.8	548.8	545.8	542.8	539.8	539.5	539.5	539.2
7.5°	404.1	404.6	405.4	406.0	407.1	408.2	409.0	410.1	414.4	418.8	422.9
10°	323.4	319.9	316.1	312.5	309.8	306.8	304.1	301.1	303.3	305.7	307.9
12.5°	251.8	248.8	245.5	242.5	241.4	240.3	239.0	237.9	245.0	252.0	258.9
15°	180.9	180.4	179.6	179.0	182.6	186.1	189.6	193.2	199.2	204.9	210.9
17.5°	134.6	136.0	137.3	138.7	140.9	143.0	145.0	147.1	151.5	156.1	160.5
20°	104.4	106.3	107.9	109.5	109.0	108.4	107.6	107.1	110.6	114.2	117.4
22.5°	85.3	86.6	88.3	89.6	89.9	90.2	90.5	90.7	92.9	94.8	97.0
25°	73.0	74.7	76.0	77.4	77.7	77.9	78.2	78.5	81.2	83.9	86.4
27.5°	64.6	66.2	68.1	69.8	70.3	70.8	71.4	71.9	73.6	74.9	76.6
30°	56.9	59.1	61.3	63.5	64.3	65.1	65.9	66.8	68.4	70.3	71.9
32.5°	53.1	54.5	55.6	56.7	58.6	60.2	62.1	63.8	65.7	67.8	69.8
35°	48.8	50.1	51.8	53.1	54.5	55.9	56.9	58.3	59.4	60.5	61.3
37.5°	46.0	47.4	48.5	49.6	50.1	50.7	51.0	51.5	52.0	52.6	52.9
40°	43.9	43.6	43.6	43.3	43.9	44.7	45.2	45.8	47.4	48.8	50.4
42.5°	38.1	37.3	36.8	36.0	37.3	38.4	39.8	40.9	43.1	45.2	47.4
45°	32.4	31.9	31.1	30.5	32.4	34.3	36.2	38.1	40.6	42.8	45.2
47.5°	26.7	27.0	27.0	27.2	29.2	31.1	32.7	34.6	37.1	39.5	42.0
50°	22.3	22.9	23.4	24.0	25.9	27.5	29.4	31.1	33.8	36.2	39.0
52.5°	19.6	20.4	21.0	21.8	23.4	25.3	27.0	28.6	31.1	33.5	36.0
55°	17.7	18.8	19.6	20.4	21.8	23.2	24.5	25.9	28.3	30.8	33.0
57.5°	15.5	16.3	17.2	18.0	19.3	20.7	21.8	23.2	25.3	27.8	30.0
60°	13.6	14.2	15.0	15.5	16.6	18.0	19.1	20.2	22.3	24.5	26.4
62.5°	12.0	12.5	12.8	13.1	14.2	15.3	16.3	17.4	19.3	21.5	23.4
65°	10.6	10.9	10.9	11.2	12.0	13.1	13.9	14.7	16.9	18.8	21.0
67.5°	9.0	9.3	9.3	9.3	10.1	10.9	11.7	12.5	14.4	16.6	18.5
70°	7.1	7.4	7.4	7.4	8.2	9.3	10.1	10.9	12.5	14.2	15.8
72.5°	5.4	5.4	5.7	5.7	6.5	7.6	8.4	9.3	10.6	12.0	13.4
75°	3.5	3.8	3.8	4.1	4.9	6.0	6.8	7.6	9.0	10.4	11.4
77.5°	1.4	1.9	2.2	2.5	3.3	4.1	4.9	5.7	6.8	8.2	9.3
80°	0.0	0.3	0.3	0.3	0.8	1.1	1.6	1.9	2.7	3.8	4.6
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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	521.5	536.5	551.5	566.5	581.5	600.0	618.5	621.2	624.0	620.7	617.7
5°	539.0	546.3	553.4	560.8	567.8	589.1	610.1	610.3	610.3	610.6	610.6
7.5°	427.2	433.5	439.8	445.8	452.0	465.9	479.8	485.0	489.9	488.8	487.7
10°	310.1	318.3	326.2	334.3	342.2	355.0	367.8	372.7	377.4	392.4	407.6
12.5°	265.9	273.8	281.7	289.4	297.3	310.3	323.4	333.0	342.2	351.5	360.8
15°	216.6	222.9	229.4	235.7	242.0	248.0	253.9	265.7	277.1	286.4	295.6
17.5°	164.8	167.6	170.0	172.7	175.2	177.9	180.7	185.6	190.2	198.4	206.3
20°	121.0	123.2	125.3	127.2	129.4	132.2	134.9	138.4	141.7	143.6	145.2
22.5°	98.9	102.2	105.4	108.4	111.7	113.6	115.5	116.6	117.7	118.5	119.3
25°	89.1	92.1	94.8	97.8	100.5	101.4	102.2	104.4	106.5	106.5	106.5
27.5°	77.9	82.0	86.4	90.5	94.5	95.6	96.5	97.3	97.8	96.7	95.4
30°	73.6	77.7	81.7	85.6	89.6	91.3	92.6	93.5	94.3	92.9	91.6
32.5°	71.7	75.5	79.0	82.8	86.4	88.6	90.5	92.6	94.5	94.8	95.4
35°	62.4	64.8	67.6	70.0	72.5	73.6	74.7	75.5	76.0	76.0	76.0
37.5°	53.4	56.7	60.2	63.5	66.8	69.2	71.7	71.9	71.9	72.5	73.3
40°	51.8	55.0	58.3	61.3	64.6	67.3	69.8	70.0	70.3	70.8	71.4
42.5°	49.6	53.1	56.7	60.2	63.8	66.5	68.9	68.9	68.7	69.5	70.0
45°	47.4	51.0	54.2	57.8	61.0	64.6	67.8	67.0	65.9	67.3	68.4
47.5°	44.4	48.2	52.0	55.6	59.4	62.7	65.7	65.1	64.3	65.7	67.0
50°	41.4	45.2	49.0	52.9	56.7	60.2	63.5	62.9	62.4	64.0	65.4
52.5°	38.4	42.2	46.3	50.1	54.0	56.9	59.7	59.4	59.1	60.8	62.7
55°	35.4	39.0	42.8	46.3	49.9	53.1	56.1	55.6	55.0	56.4	57.8
57.5°	32.2	35.7	39.0	42.5	45.8	48.5	51.0	50.1	49.3	51.0	52.6
60°	28.6	31.9	35.1	38.1	41.4	43.6	45.5	45.0	44.1	45.8	47.4
62.5°	25.3	28.3	31.3	34.1	37.1	38.7	40.3	39.8	39.2	40.9	42.8
65°	22.9	25.3	27.5	30.0	32.2	33.8	35.4	34.6	33.8	35.7	37.3
67.5°	20.4	22.3	24.5	26.4	28.3	29.7	31.1	30.5	29.7	31.1	32.4
70°	17.4	19.3	21.3	22.9	24.8	26.2	27.5	26.7	25.6	27.0	28.3
72.5°	14.7	16.3	18.0	19.3	21.0	22.1	23.2	22.3	21.5	22.6	23.7
75°	12.8	14.2	15.5	16.6	18.0	18.5	19.1	18.8	18.3	19.3	20.2
77.5°	10.4	11.4	12.8	13.9	15.0	15.0	15.0	15.3	15.3	16.3	17.7
80°	5.4	6.5	7.6	8.4	9.5	9.5	9.3	9.8	10.1	11.4	12.8
82.5°	0.0	0.8	1.6	2.5	3.3	3.0	2.5	2.7	2.7	3.3	3.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	614.4	611.2	609.0	607.1	604.9	602.7	605.4	608.2	610.6	613.3	621.5
5°	610.9	610.9	609.0	607.1	605.2	603.3	607.3	611.2	615.2	619.1	618.8
7.5°	486.4	485.3	496.7	507.9	519.3	530.5	533.5	536.5	539.2	542.2	541.4
10°	422.6	437.6	442.5	447.4	452.3	457.2	463.2	469.2	475.2	481.2	483.4
12.5°	370.0	379.3	395.1	410.6	426.4	442.0	449.9	458.0	465.9	473.8	489.4
15°	304.9	314.2	327.8	341.4	355.0	368.7	381.2	394.0	406.5	419.1	437.9
17.5°	214.4	222.3	232.7	243.0	253.1	263.5	282.8	302.2	321.5	340.9	360.8
20°	147.1	148.8	153.7	158.9	163.8	168.7	186.1	203.8	221.2	238.7	264.8
22.5°	119.9	120.7	123.2	125.6	127.8	130.2	139.2	148.5	157.5	166.5	187.7
25°	106.3	106.3	107.9	109.5	111.2	112.8	117.7	122.6	127.2	132.2	145.8
27.5°	94.3	92.9	95.4	97.8	100.3	102.7	106.3	110.1	113.6	117.2	126.4
30°	90.2	88.8	91.8	94.8	97.8	100.8	104.4	107.9	111.2	114.7	121.0
32.5°	95.6	95.9	97.0	98.1	98.9	100.0	101.6	103.5	105.2	106.8	112.3
35°	76.0	76.0	77.9	79.8	81.5	83.4	86.4	89.4	92.4	95.4	101.1
37.5°	73.8	74.4	76.0	77.9	79.6	81.2	85.0	89.1	92.9	96.7	101.4
40°	71.7	72.2	74.4	76.6	78.7	80.9	84.7	88.3	92.1	95.6	100.0
42.5°	70.8	71.4	74.1	77.1	79.8	82.6	85.8	89.1	92.1	95.4	101.4
45°	69.8	70.8	74.1	77.7	80.9	84.2	87.2	90.2	93.2	96.2	103.5
47.5°	68.1	69.5	73.3	76.8	80.7	84.2	89.9	95.9	101.6	107.4	110.9
50°	67.0	68.4	72.5	76.6	80.7	84.7	94.0	103.3	112.3	121.5	119.6
52.5°	64.3	65.9	71.1	76.3	81.5	86.6	94.8	103.0	111.2	119.3	115.5
55°	59.1	60.5	66.5	72.5	78.2	84.2	90.2	96.2	101.9	107.9	103.5
57.5°	54.0	55.6	61.3	67.0	72.5	78.2	81.2	84.2	87.2	90.2	88.6
60°	49.0	50.7	58.3	65.9	73.6	81.2	78.5	75.7	72.8	70.0	71.9
62.5°	44.4	46.0	53.4	60.5	67.8	74.9	71.1	67.3	63.5	59.7	62.7
65°	39.2	40.9	43.6	46.6	49.3	52.0	51.8	51.2	51.0	50.4	53.7
67.5°	33.8	35.1	36.5	38.1	39.5	40.9	41.7	42.8	43.6	44.4	47.1
70°	29.4	30.8	32.4	33.8	35.4	36.8	37.3	37.9	38.1	38.7	41.1
72.5°	24.5	25.6	27.8	30.0	31.9	34.1	34.3	34.3	34.6	34.6	36.5
75°	21.3	22.1	23.7	25.3	26.7	28.3	29.2	30.0	30.5	31.3	32.4
77.5°	18.8	19.9	20.4	20.7	21.3	21.5	22.1	22.6	23.2	23.7	24.0
80°	13.9	15.3	15.8	16.1	16.6	16.9	16.9	16.6	16.6	16.3	16.6
82.5°	4.4	4.9	5.7	6.5	7.4	8.2	8.4	8.7	8.7	9.0	8.7
85°	0.8	1.1	1.6	2.2	2.5	3.0	2.7	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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	629.7	637.6	645.8	642.5	639.2	636.0	632.7	633.2	634.0	634.6	635.1
5°	618.5	618.0	617.7	627.0	636.5	645.8	655.0	665.1	675.5	685.5	695.6
7.5°	540.6	539.5	538.7	550.7	562.7	574.7	586.6	600.5	614.7	628.6	642.5
10°	485.6	487.7	489.9	494.8	500.0	504.9	509.8	523.2	536.5	549.6	562.9
12.5°	504.9	520.2	535.7	538.7	541.4	544.4	547.1	549.0	550.9	552.9	554.8
15°	456.9	475.7	494.5	502.4	510.1	518.0	525.6	545.8	565.7	585.8	605.7
17.5°	380.6	400.3	420.2	443.9	467.6	491.3	515.0	536.8	558.6	580.4	602.2
20°	291.3	317.4	343.6	373.6	403.8	433.8	463.8	485.6	507.1	528.9	550.4
22.5°	209.3	230.5	251.8	288.0	324.0	360.2	396.2	434.1	472.2	510.1	547.9
25°	159.4	172.7	186.4	222.1	257.8	293.2	328.9	380.9	433.0	485.0	537.0
27.5°	135.4	144.7	153.7	185.8	218.0	249.9	282.0	343.9	405.7	467.6	529.4
30°	127.5	133.8	140.1	167.3	194.8	222.1	249.3	312.0	374.7	437.3	500.0
32.5°	117.7	122.9	128.3	152.3	176.3	200.0	224.0	285.3	346.6	407.6	468.9
35°	106.5	112.3	117.7	141.7	165.7	189.4	213.3	276.8	340.3	403.8	467.3
37.5°	105.7	110.4	114.7	142.5	170.6	198.4	226.2	289.6	353.1	416.3	479.8
40°	104.6	109.0	113.3	141.7	169.8	198.1	226.2	292.6	359.1	425.6	492.1
42.5°	107.4	113.1	119.1	144.1	169.2	194.0	219.1	289.1	359.1	428.9	498.9
45°	111.2	118.5	125.9	148.8	171.7	194.5	217.4	293.5	369.5	445.2	521.2
47.5°	114.7	118.3	121.8	143.6	165.1	186.9	208.4	286.1	363.8	441.4	519.1
50°	118.0	116.1	114.2	138.1	162.1	185.8	209.8	283.9	357.8	431.9	505.7
52.5°	111.4	107.6	103.5	129.2	154.8	180.1	205.7	280.4	355.0	429.7	504.4
55°	99.2	94.8	90.5	115.8	140.9	166.2	191.3	265.7	340.0	414.4	488.8
57.5°	86.6	85.0	83.1	102.5	121.8	140.9	160.2	242.8	325.6	408.2	490.7
60°	73.8	75.5	77.4	91.3	105.2	118.8	132.7	213.6	294.3	375.2	455.9
62.5°	65.4	68.4	71.1	82.8	94.8	106.5	118.3	194.5	270.8	347.1	423.4
65°	57.2	60.5	63.8	77.7	91.8	105.7	119.6	184.2	248.8	313.3	377.9
67.5°	49.9	52.3	55.0	73.3	91.6	109.8	128.1	180.9	233.5	286.4	339.0
70°	43.6	45.8	48.2	69.5	90.7	112.0	133.2	178.2	223.4	268.4	313.3
72.5°	38.4	40.3	42.2	63.8	85.3	106.8	128.3	168.4	208.2	248.2	288.0
75°	33.5	34.3	35.4	53.7	71.7	89.9	107.9	134.6	161.6	188.3	215.0
77.5°	24.3	24.3	24.5	30.0	35.1	40.6	45.8	62.4	79.0	95.4	112.0
80°	16.6	16.9	16.9	19.1	21.0	23.2	25.1	28.6	31.9	35.4	38.7
82.5°	8.4	7.9	7.6	9.8	12.0	14.2	16.3	17.2	17.7	18.5	19.1
85°	0.8	0.3	0.0	1.4	2.7	4.1	5.4	6.5	7.6	8.7	9.8
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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927

CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	633.0	630.8	628.6	626.4	639.8	653.4	666.7	680.1	718.0	742.8	740.0
5°	705.4	715.2	725.1	734.9	750.7	766.7	782.5	798.4	854.5	888.8	893.7
7.5°	657.8	672.7	688.0	703.0	733.5	763.7	794.3	824.5	870.6	906.3	926.4
10°	580.1	597.3	614.2	631.3	665.7	700.3	734.6	768.9	820.7	870.0	895.4
12.5°	581.7	608.7	635.7	662.7	692.6	722.6	752.3	782.3	813.9	830.5	866.2
15°	627.0	648.2	669.5	690.7	730.0	769.2	808.2	847.4	866.2	906.3	947.9
17.5°	643.6	685.3	726.7	768.1	817.2	865.9	915.0	963.7	999.2	1054.8	1097.8
20°	612.8	675.2	737.3	799.7	867.0	934.3	1001.6	1068.9	1107.6	1160.5	1227.0
22.5°	614.2	680.4	746.3	812.5	905.4	998.1	1091.0	1183.6	1287.4	1389.4	1421.8
25°	623.7	710.3	796.7	883.4	990.7	1098.1	1205.4	1312.8	1438.1	1545.2	1588.3
27.5°	627.0	724.5	821.8	919.3	1071.9	1224.5	1377.1	1529.7	1679.3	1800.2	1846.3
30°	619.1	738.4	857.5	976.6	1163.7	1350.9	1538.1	1725.3	1867.3	2008.1	2065.4
32.5°	621.0	773.0	925.1	1077.1	1297.5	1518.2	1738.7	1959.1	2049.8	2176.8	2277.6
35°	634.0	800.8	967.3	1134.0	1377.9	1621.8	1865.6	2109.5	2258.3	2392.3	2477.9
37.5°	664.6	849.3	1033.8	1218.5	1518.2	1818.2	2117.9	2417.7	2647.9	2878.2	2917.4
40°	687.2	882.3	1077.4	1272.5	1620.4	1968.4	2316.3	2664.3	2924.7	3174.6	3201.3
42.5°	712.8	926.4	1140.3	1353.9	1743.0	2132.1	2521.2	2910.3	3211.9	3466.7	3484.4
45°	740.9	960.7	1180.4	1400.0	1807.6	2215.0	2622.6	3029.9	3382.2	3678.1	3611.4
47.5°	754.2	989.4	1224.5	1459.6	1896.7	2333.5	2770.5	3207.3	3523.4	3784.4	3706.5
50°	764.6	1023.1	1282.0	1540.6	1998.9	2457.2	2915.5	3373.8	3690.7	3931.5	3809.5
52.5°	793.7	1082.8	1372.2	1661.3	2148.7	2635.9	3123.4	3610.6	3917.1	4138.4	3967.2
55°	822.1	1155.0	1488.3	1821.2	2345.5	2870.0	3394.2	3918.5	4223.6	4413.3	4180.9
57.5°	857.8	1225.0	1592.1	1959.1	2519.8	3080.6	3641.1	4201.8	4500.2	4709.7	4468.3
60°	848.5	1240.9	1633.5	2025.9	2597.0	3168.1	3739.2	4310.3	4664.8	4922.3	4758.5
62.5°	812.5	1201.6	1590.4	1979.5	2540.6	3101.3	3662.3	4223.1	4647.9	4996.6	4941.6
65°	739.8	1101.3	1463.2	1824.8	2360.5	2896.4	3432.1	3967.8	4492.0	4935.9	4955.5
67.5°	644.1	949.3	1254.2	1559.4	2059.1	2558.8	3058.3	3558.0	4176.8	4694.5	4752.8
70°	542.8	771.9	1001.3	1230.5	1670.3	2110.0	2549.5	2989.3	3632.6	4153.6	4263.7
72.5°	435.1	582.6	729.7	876.8	1194.3	1511.4	1828.9	2146.0	2711.9	3116.3	3308.4
75°	282.0	349.0	416.1	483.1	694.5	905.7	1117.1	1328.3	1704.1	2001.9	2219.0
77.5°	125.6	139.2	152.6	166.2	329.4	492.6	655.8	819.1	982.3	1162.1	1213.1
80°	45.0	51.0	57.2	63.2	143.3	223.7	303.8	383.9	462.9	555.8	578.5
82.5°	18.8	18.8	18.5	18.3	46.9	75.5	104.1	132.7	153.4	176.3	180.7
85°	7.6	5.7	3.5	1.4	6.0	10.9	15.5	20.2	32.4	29.4	54.5
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: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927

CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	729.7	729.1	728.6	728.1	727.5	717.7	708.2	698.4	688.8	700.8	712.8
5°	885.8	900.0	914.2	928.6	942.8	946.9	950.9	955.0	959.1	967.8	976.6
7.5°	943.3	967.3	991.0	1015.0	1038.7	1060.7	1082.5	1104.6	1126.7	1121.2	1115.8
10°	923.4	966.7	1010.1	1053.7	1097.0	1106.5	1116.1	1125.9	1135.4	1160.2	1185.0
12.5°	901.9	953.9	1006.0	1058.0	1110.1	1138.9	1167.6	1196.4	1225.3	1250.4	1275.5
15°	1004.1	1037.3	1070.6	1104.1	1137.3	1162.7	1187.7	1213.1	1238.1	1255.6	1272.7
17.5°	1138.4	1154.7	1171.1	1187.7	1204.1	1224.0	1243.8	1263.7	1283.6	1294.0	1304.3
20°	1280.4	1287.4	1294.5	1301.6	1308.7	1292.9	1277.1	1261.3	1245.5	1255.3	1264.8
22.5°	1422.9	1425.3	1428.0	1430.5	1432.9	1396.2	1359.4	1322.6	1285.8	1270.3	1254.7
25°	1642.2	1624.2	1606.2	1588.3	1570.3	1526.7	1483.1	1439.5	1395.9	1357.5	1319.1
27.5°	1879.8	1818.8	1758.0	1697.0	1636.2	1592.6	1549.0	1505.4	1461.8	1404.1	1346.3
30°	2119.3	2020.9	1922.9	1824.5	1726.4	1674.6	1622.9	1570.8	1519.0	1461.3	1403.8
32.5°	2338.9	2220.7	2102.4	1983.9	1865.6	1778.4	1691.3	1604.1	1516.9	1476.5	1436.2
35°	2520.9	2381.2	2241.4	2101.3	1961.5	1875.2	1788.8	1702.4	1616.0	1556.1	1496.4
37.5°	2832.1	2674.9	2517.7	2360.5	2203.2	2085.3	1967.5	1849.6	1731.6	1691.5	1651.5
40°	3119.0	2920.9	2722.8	2524.8	2326.7	2227.8	2129.1	2030.2	1931.6	1865.9	1800.5
42.5°	3347.1	3138.4	2929.9	2721.2	2512.5	2414.7	2317.1	2219.3	2121.5	2077.6	2034.0
45°	3396.4	3199.7	3003.2	2806.5	2609.8	2552.8	2496.1	2439.2	2382.5	2352.3	2322.3
47.5°	3493.7	3280.3	3067.3	2853.9	2640.6	2614.9	2589.3	2563.4	2537.8	2552.3	2566.7
50°	3548.2	3330.5	3112.8	2895.0	2677.3	2684.7	2691.8	2699.1	2706.5	2808.9	2911.1
52.5°	3653.9	3434.0	3214.1	2994.2	2774.3	2820.7	2866.7	2913.0	2959.1	3100.2	3241.1
55°	3842.7	3626.6	3410.6	3194.2	2978.2	3039.2	3100.2	3161.5	3222.6	3372.4	3522.0
57.5°	4122.5	3908.1	3693.9	3479.5	3265.3	3326.1	3386.9	3447.6	3508.4	3643.8	3779.0
60°	4474.9	4254.7	4034.8	3814.7	3594.8	3617.7	3640.3	3663.2	3686.0	3831.5	3976.8
62.5°	4749.2	4546.8	4344.6	4142.2	3940.0	3914.7	3889.6	3864.2	3839.2	3949.8	4060.2
65°	4813.0	4670.5	4528.3	4385.8	4243.3	4165.3	4087.7	4009.7	3931.8	3976.5	4021.2
67.5°	4630.4	4534.3	4438.3	4342.2	4246.0	4083.3	3920.6	3757.7	3595.0	3571.3	3547.6
70°	4206.7	4154.2	4101.8	4049.3	3996.9	3746.3	3495.9	3245.2	2994.8	2934.6	2874.3
72.5°	3319.6	3352.3	3385.0	3417.9	3450.6	3182.2	2914.1	2645.7	2377.3	2301.1	2225.0
75°	2340.8	2451.7	2562.6	2673.5	2784.4	2539.7	2295.3	2050.6	1806.0	1732.7	1659.6
77.5°	1269.2	1477.1	1685.0	1892.9	2100.8	1898.9	1697.2	1495.3	1293.4	1242.5	1191.8
80°	601.6	721.5	841.1	961.0	1080.9	1035.4	989.9	944.1	898.6	909.8	921.0
82.5°	184.5	271.1	357.8	444.4	531.1	537.9	544.4	551.2	558.0	574.9	591.5
85°	61.9	84.7	107.6	130.5	153.4	193.7	234.1	274.7	315.0	288.8	262.9
87.5°	0.0	0.8	1.4	2.2	2.7	8.4	14.2	19.9	25.6	22.1	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927

CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	725.1	737.0	737.3	737.9	738.1	738.4	739.8	741.1	742.8	744.1	735.1
5°	985.5	994.3	978.2	962.1	945.8	929.7	944.1	958.6	973.0	987.4	981.2
7.5°	1110.1	1104.6	1102.7	1101.1	1099.2	1097.5	1103.0	1108.4	1113.9	1119.3	1118.8
10°	1209.8	1234.6	1240.6	1246.6	1252.8	1258.8	1246.3	1233.8	1221.2	1208.7	1203.5
12.5°	1300.5	1325.6	1345.5	1365.4	1385.5	1405.4	1387.4	1369.7	1351.7	1334.0	1317.1
15°	1290.2	1307.3	1323.7	1340.0	1356.4	1372.7	1366.7	1361.0	1355.0	1349.0	1346.3
17.5°	1315.0	1325.3	1321.5	1317.7	1313.6	1309.8	1307.9	1306.2	1304.3	1302.4	1295.9
20°	1274.6	1284.4	1282.0	1279.8	1277.4	1274.9	1273.3	1271.6	1270.0	1268.4	1263.2
22.5°	1239.2	1223.7	1219.6	1215.8	1211.7	1207.9	1208.4	1209.0	1209.2	1209.8	1233.2
25°	1280.6	1242.2	1227.2	1212.2	1197.0	1182.0	1188.8	1195.3	1202.2	1209.0	1242.8
27.5°	1288.3	1230.5	1206.5	1182.5	1158.6	1134.6	1159.1	1183.6	1208.2	1232.7	1287.4
30°	1346.0	1288.5	1255.0	1221.8	1188.3	1155.0	1186.4	1217.7	1249.0	1280.4	1339.8
32.5°	1395.6	1355.3	1331.3	1307.3	1283.4	1259.4	1260.7	1261.8	1263.2	1264.6	1348.2
35°	1436.5	1376.8	1355.0	1333.5	1311.7	1290.2	1322.6	1355.0	1387.4	1419.9	1495.1
37.5°	1611.4	1571.4	1531.3	1491.5	1451.5	1411.7	1437.6	1463.5	1489.6	1515.5	1598.6
40°	1734.8	1669.5	1659.1	1649.0	1638.7	1628.6	1641.9	1655.0	1668.4	1681.7	1754.5
42.5°	1990.2	1946.3	1918.2	1890.4	1862.4	1834.6	1845.2	1855.8	1866.7	1877.4	1946.3
45°	2292.1	2261.8	2243.3	2224.8	2206.0	2187.4	2171.4	2155.6	2139.5	2123.7	2193.7
47.5°	2581.2	2595.6	2636.5	2677.1	2717.9	2758.5	2725.3	2692.1	2658.5	2625.3	2625.6
50°	3013.6	3115.8	3136.5	3156.9	3177.6	3198.0	3127.2	3056.4	2985.2	2914.4	2905.9
52.5°	3382.2	3523.1	3530.5	3537.8	3545.4	3552.8	3524.2	3495.6	3466.7	3438.1	3362.1
55°	3671.9	3821.5	3831.5	3841.4	3851.4	3861.2	3836.2	3811.4	3786.3	3761.2	3684.4
57.5°	3914.4	4049.5	4055.5	4061.2	4067.2	4073.2	4075.1	4077.0	4079.2	4081.1	3977.3
60°	4122.3	4267.8	4255.8	4244.1	4232.1	4220.4	4202.4	4184.4	4166.4	4148.4	4081.4
62.5°	4170.8	4281.4	4262.9	4244.6	4226.1	4207.8	4192.6	4177.6	4162.3	4147.1	4104.3
65°	4065.9	4110.6	4091.5	4072.4	4053.1	4034.0	4024.2	4014.6	4004.8	3995.0	3989.6
67.5°	3523.6	3499.9	3522.6	3545.2	3567.8	3590.4	3621.2	3652.0	3683.0	3713.8	3695.9
70°	2813.9	2753.6	2778.7	2803.5	2828.6	2853.4	2900.0	2946.5	2993.4	3040.0	3027.5
72.5°	2148.7	2072.4	2076.0	2079.5	2083.3	2086.9	2085.5	2084.4	2083.1	2081.7	2103.5
75°	1586.4	1513.1	1478.4	1443.8	1409.2	1374.6	1366.2	1357.7	1349.3	1340.9	1381.4
77.5°	1140.9	1090.2	1066.5	1043.0	1019.3	995.9	1007.9	1019.9	1032.1	1044.1	1058.3
80°	932.4	943.6	925.3	907.3	889.1	870.8	884.5	897.8	911.4	925.1	882.8
82.5°	608.4	625.1	568.9	512.8	456.7	400.5	434.6	468.7	503.0	537.0	519.6
85°	236.8	210.9	179.8	149.0	118.0	86.9	113.1	139.2	165.4	191.6	209.0
87.5°	15.3	12.0	9.5	7.1	4.4	1.9	4.1	6.3	8.7	10.9	18.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-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: P596927

CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0
2.5°	726.4	717.4	708.7	691.5	674.4	657.2	640.0	664.0	688.0	712.0	736.0
5°	975.2	968.9	962.9	964.6	966.2	968.1	969.7	973.3	976.8	980.1	983.6
7.5°	1118.5	1118.0	1117.4	1104.9	1092.4	1079.5	1067.0	1073.3	1079.5	1085.8	1092.1
10°	1198.6	1193.4	1188.3	1160.7	1133.2	1105.4	1077.9	1065.9	1053.7	1041.7	1029.7
12.5°	1300.3	1283.1	1266.2	1236.8	1207.6	1178.2	1148.8	1137.9	1126.7	1115.8	1104.6
15°	1343.8	1341.1	1338.7	1317.7	1296.4	1275.5	1254.2	1216.9	1179.3	1141.9	1104.6
17.5°	1289.4	1282.5	1276.0	1309.2	1342.2	1375.5	1408.7	1370.0	1331.3	1292.6	1253.9
20°	1258.0	1252.8	1247.7	1309.5	1371.1	1432.9	1494.5	1477.4	1459.9	1442.8	1425.6
22.5°	1256.7	1280.4	1303.8	1358.0	1412.0	1466.2	1520.1	1549.8	1579.8	1609.5	1639.2
25°	1276.5	1310.6	1344.4	1434.3	1524.2	1614.4	1704.3	1738.4	1772.2	1806.2	1840.0
27.5°	1341.9	1396.7	1451.2	1529.7	1608.1	1686.9	1765.4	1839.8	1914.4	1988.8	2063.2
30°	1398.9	1458.3	1517.7	1611.1	1704.3	1797.8	1891.0	1984.2	2077.4	2170.5	2263.7
32.5°	1431.9	1515.8	1599.4	1713.1	1826.4	1940.0	2053.6	2155.8	2258.0	2359.9	2462.1
35°	1570.3	1645.7	1721.0	1846.6	1972.2	2098.1	2223.7	2350.1	2476.5	2602.7	2729.1
37.5°	1681.7	1765.1	1848.2	1985.5	2122.6	2259.9	2397.2	2571.9	2746.8	2921.5	3096.1
40°	1827.2	1900.0	1972.7	2101.3	2229.7	2358.3	2486.9	2708.4	2929.9	3151.2	3372.7
42.5°	2015.0	2083.9	2152.8	2290.4	2428.0	2565.6	2703.2	2948.5	3193.7	3438.6	3683.9
45°	2263.7	2334.0	2404.0	2513.6	2623.1	2732.7	2842.2	3102.9	3363.4	3624.2	3884.7
47.5°	2625.8	2626.1	2626.4	2705.4	2784.4	2863.7	2942.7	3205.4	3467.8	3730.5	3992.9
50°	2897.5	2888.8	2880.3	2921.2	2961.8	3002.7	3043.5	3285.2	3527.2	3768.9	4010.6
52.5°	3286.3	3210.3	3134.6	3158.8	3182.8	3207.0	3231.0	3435.6	3640.5	3845.2	4049.8
55°	3607.8	3531.0	3454.2	3445.2	3436.2	3427.2	3418.2	3606.5	3794.8	3983.0	4171.3
57.5°	3873.8	3770.0	3666.4	3645.7	3625.3	3604.6	3583.9	3782.5	3980.9	4179.5	4377.9
60°	4014.6	3947.6	3880.6	3867.2	3853.6	3840.3	3826.6	3989.6	4152.5	4315.5	4478.4
62.5°	4061.8	4019.0	3976.5	4001.6	4026.6	4052.0	4077.0	4148.7	4220.1	4291.8	4363.1
65°	3984.4	3979.0	3973.5	4025.0	4076.2	4127.7	4179.2	4161.5	4143.5	4125.8	4108.1
67.5°	3678.1	3660.2	3642.4	3755.5	3868.3	3981.4	4094.5	4008.7	3922.6	3836.7	3750.9
70°	3014.9	3002.1	2989.6	3152.5	3315.5	3478.7	3641.6	3537.5	3433.5	3329.4	3225.3
72.5°	2125.0	2146.8	2168.6	2360.7	2552.5	2744.6	2936.5	2831.6	2726.7	2621.8	2516.9
75°	1421.8	1462.4	1503.0	1700.8	1898.6	2096.7	2294.5	2171.4	2048.2	1925.0	1801.9
77.5°	1072.5	1086.6	1100.8	1225.9	1350.9	1476.3	1601.3	1499.7	1397.8	1296.2	1194.3
80°	840.6	798.1	755.8	797.0	838.1	879.3	920.4	859.7	798.9	738.4	677.6
82.5°	502.2	484.7	467.3	489.6	511.7	534.1	556.4	530.2	503.8	477.6	451.2
85°	226.2	243.6	260.8	283.4	305.7	328.3	350.9	314.4	277.9	241.4	204.9
87.5°	25.3	32.7	40.1	49.6	59.1	68.7	78.2	61.0	43.6	26.4	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

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



REPORT NUMBER: P596927
 CATALOG NUMBER: MSA-SA2A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	576.0	576.0
2.5°	749.9	763.7
5°	983.4	982.8
7.5°	1075.7	1059.1
10°	1014.4	999.2
12.5°	1065.7	1026.7
15°	1075.2	1045.8
17.5°	1206.0	1157.7
20°	1363.7	1301.6
22.5°	1554.2	1468.9
25°	1738.7	1637.3
27.5°	2002.4	1941.4
30°	2202.1	2140.3
32.5°	2420.1	2378.2
35°	2687.4	2645.5
37.5°	3107.0	3117.7
40°	3379.2	3385.8
42.5°	3709.2	3734.5
45°	3913.0	3941.4
47.5°	4032.4	4071.9
50°	4074.3	4138.1
52.5°	4128.5	4207.0
55°	4258.8	4346.3
57.5°	4447.6	4517.4
60°	4481.7	4484.9
62.5°	4312.7	4262.3
65°	4054.4	4000.8
67.5°	3718.5	3685.8
70°	3182.2	3139.2
72.5°	2436.7	2356.6
75°	1702.7	1603.5
77.5°	1142.2	1090.2
80°	679.3	680.6
82.5°	463.8	476.0
85°	202.4	199.7
87.5°	6.5	3.5
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: P596927
CATALOG NUMBER: MSA-SA2A-835-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)