

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: P596883

Luminaire Tested: **MSA-SA1C-835-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596883
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-SA1C-835-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) 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: 3772 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

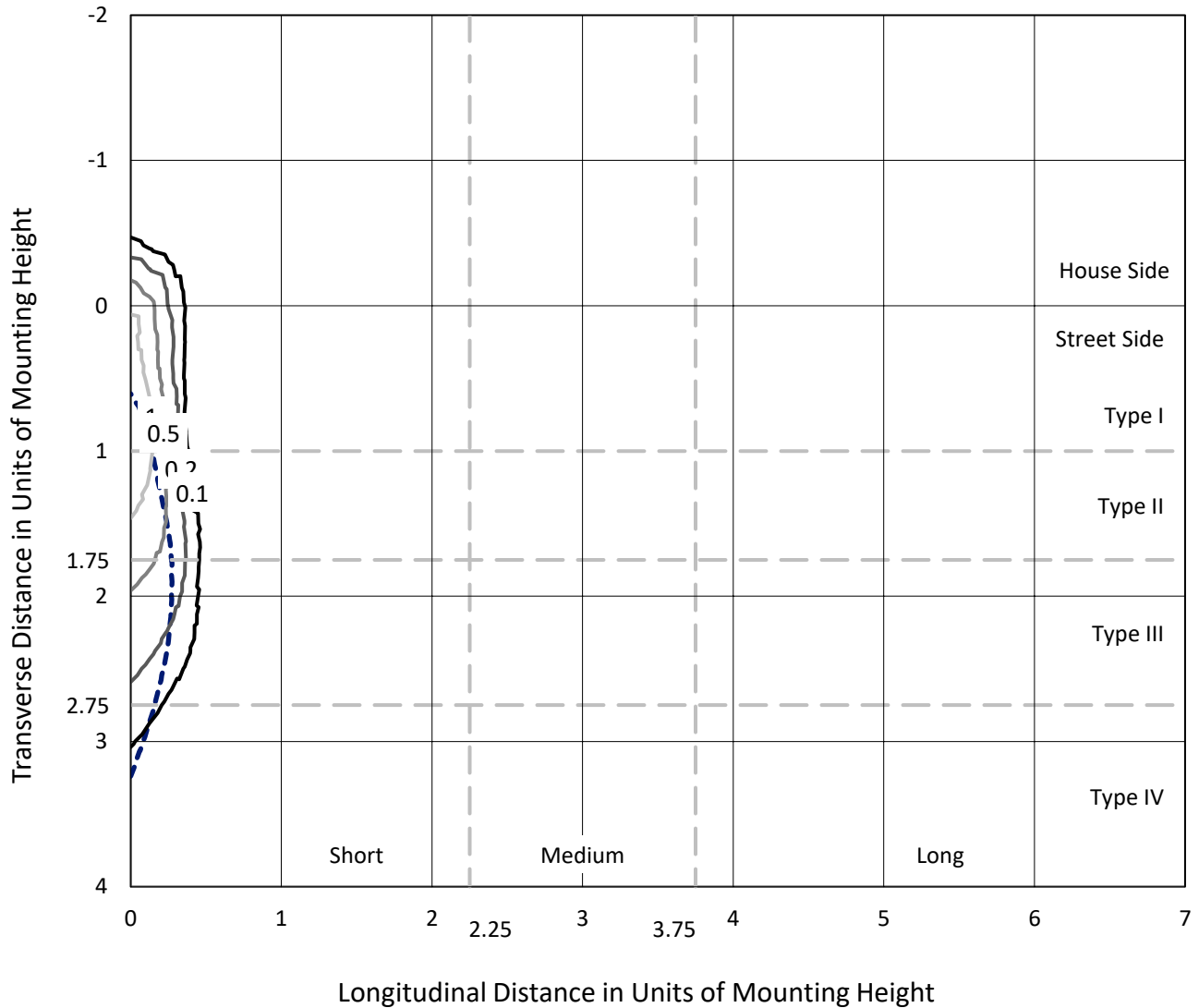
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

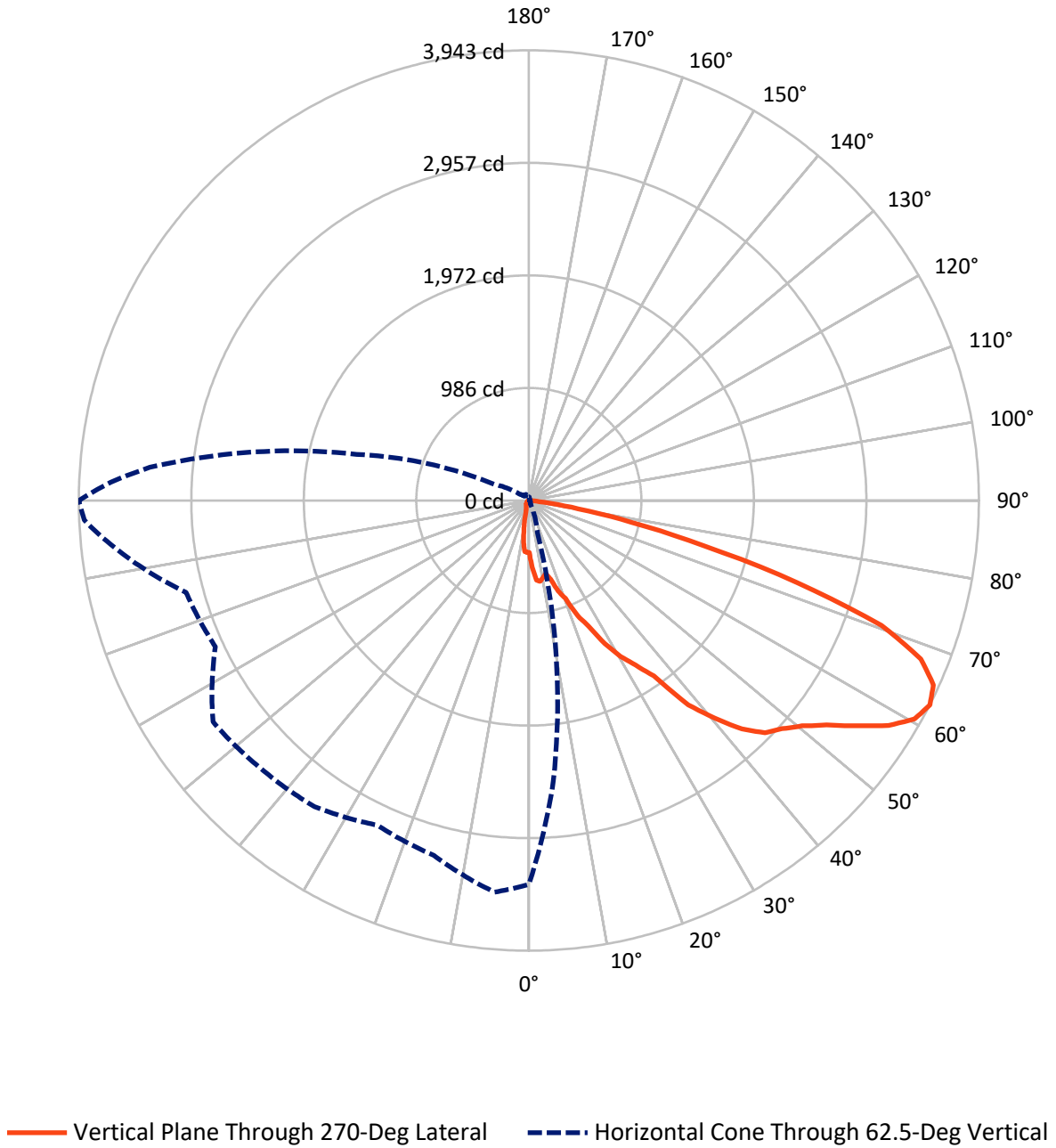
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P596883
CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

Luminous Intensity Polar Plot





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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	629.9	0.0	629.9
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3142.1	0.0	3142.1
	% Fixture	83.3	0.0	83.3
Total	Lumens	3772.0	0.0	3772.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.8	1.3
10°-20°	132.7	3.5
20°-30°	214.4	5.7
30°-40°	359.1	9.5
40°-50°	587.1	15.6
50°-60°	869.1	23.0
60°-70°	997.7	26.5
70°-80°	493.3	13.1
80°-90°	67.8	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°	3772.0	100.0
0°-180°	3772.0	100.0

Coefficient of Utilization



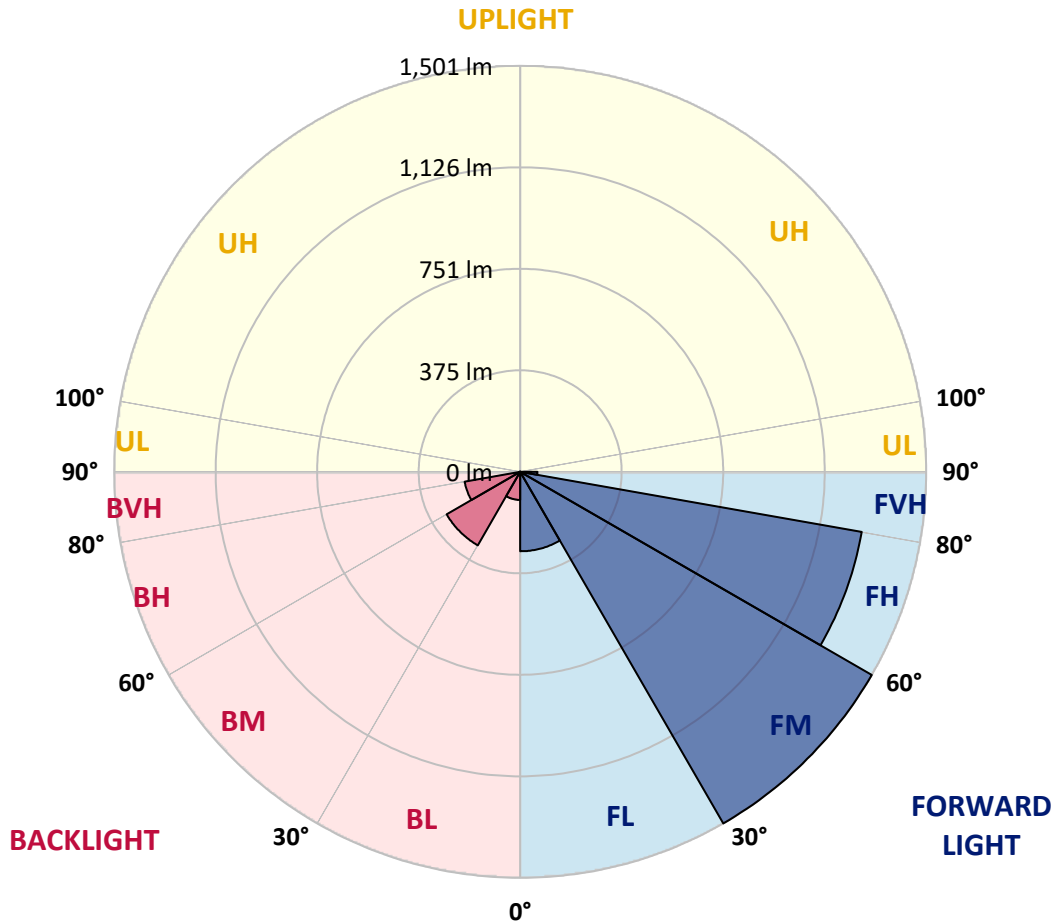
REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	293.9	7.8			
FM (30°-60°)	1501.4	39.8			
FH (60°-80°)	1282.7	34.0			G1/1800
FVH (80°-90°)	64.2	1.7			G1/100
BL (0°-30°)	104.0	2.8	B0/110		
BM (30°-60°)	313.9	8.3	B1/1000		
BH (60°-80°)	208.4	5.5	B1/500		G1/500
BVH (80°-90°)	3.6	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: P596883

CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	602.7	610.2	617.5	603.5	589.6	575.6	561.6	549.2	536.7	524.0	511.5
5°	775.6	761.8	748.0	729.1	710.2	691.3	672.4	663.5	654.7	645.9	637.1
7.5°	835.8	811.3	786.5	769.8	753.2	736.4	719.7	693.2	666.5	640.1	613.4
10°	788.5	762.4	736.2	721.6	707.0	692.4	677.7	644.8	611.7	578.8	545.7
12.5°	810.2	782.0	753.8	723.7	693.6	663.5	633.4	608.3	582.9	557.8	532.4
15°	825.2	793.0	760.5	726.1	691.7	657.3	622.9	593.2	563.8	534.1	504.4
17.5°	913.6	867.4	821.1	768.3	715.4	662.5	609.6	575.2	541.0	506.6	472.2
20°	1027.1	961.6	895.8	824.2	752.6	681.0	609.4	566.6	523.8	481.0	438.2
22.5°	1159.2	1077.2	995.1	906.7	818.6	730.2	641.8	580.3	518.8	457.3	395.8
25°	1292.0	1218.1	1144.1	1025.2	906.3	787.2	668.3	590.2	512.0	433.9	355.6
27.5°	1532.0	1399.8	1267.5	1116.1	965.0	813.6	662.2	572.8	483.4	393.7	304.2
30°	1689.0	1587.2	1485.3	1285.4	1085.6	885.7	685.7	572.4	459.1	345.5	232.2
32.5°	1876.7	1727.9	1578.9	1361.9	1145.0	928.0	711.1	578.0	444.7	311.6	178.2
35°	2087.6	1925.7	1763.8	1489.0	1214.2	939.2	664.4	535.4	406.4	277.4	148.4
37.5°	2460.2	2189.3	1918.4	1598.0	1277.4	957.0	636.4	507.7	378.6	249.8	120.8
40°	2671.8	2413.1	2154.5	1754.1	1353.7	953.4	553.0	438.6	324.5	210.1	95.7
42.5°	2947.0	2618.9	2290.6	1843.1	1395.7	948.2	500.8	395.0	289.2	183.2	77.4
45°	3110.2	2738.4	2366.7	1881.8	1397.0	912.1	427.2	335.6	244.0	152.4	60.8
47.5°	3213.2	2840.4	2467.5	1947.0	1426.6	906.1	385.5	301.2	217.0	132.7	48.4
50°	3265.4	2891.5	2517.4	1982.4	1447.5	912.3	377.4	293.5	209.4	125.6	41.5
52.5°	3319.8	2959.3	2598.5	2043.9	1489.4	934.9	380.4	294.8	209.4	123.8	38.3
55°	3429.7	3074.1	2718.2	2132.1	1546.0	959.8	373.7	289.4	205.1	120.6	36.3
57.5°	3564.7	3184.6	2804.2	2196.6	1589.0	981.3	373.7	289.0	204.3	119.3	34.6
60°	3539.2	3126.5	2713.7	2124.1	1534.6	944.8	355.2	274.6	194.2	113.5	32.9
62.5°	3363.5	2915.6	2467.5	1922.7	1377.6	832.8	287.7	223.4	159.1	94.6	30.3
65°	3157.1	2681.7	2206.1	1704.6	1203.0	701.6	200.0	157.0	113.7	70.7	27.5
67.5°	2908.5	2401.5	1894.5	1448.6	1002.8	556.9	110.9	89.4	67.9	46.2	24.7
70°	2477.2	1953.8	1430.3	1087.6	745.0	402.3	59.6	50.3	41.1	31.8	22.6
72.5°	1859.7	1380.2	900.7	684.2	467.9	251.4	34.8	31.4	27.7	24.3	20.6
75°	1265.4	906.1	546.8	416.3	286.0	155.5	24.9	23.2	21.3	19.6	17.6
77.5°	860.3	622.3	384.2	293.3	202.3	111.4	20.4	19.4	18.3	17.0	15.9
80°	537.1	367.7	198.2	152.7	106.9	61.3	15.5	14.8	14.2	13.3	12.7
82.5°	375.6	224.7	73.8	57.6	41.5	25.2	9.0	9.2	9.5	9.5	9.7
85°	157.6	85.1	12.7	10.8	8.8	6.9	4.9	5.4	6.0	6.5	6.9
87.5°	2.8	1.5	0.0	0.4	1.1	1.5	1.9	2.6	3.0	3.7	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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 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	514.7	518.0	521.0	524.2	521.6	519.3	516.7	514.1	510.2	506.6	502.7
5°	626.3	615.6	604.8	594.1	577.7	561.4	544.9	528.5	526.6	524.6	522.5
7.5°	588.3	563.1	537.8	512.6	488.9	465.3	441.6	418.0	410.7	403.6	396.3
10°	526.4	507.0	487.4	468.1	451.1	433.9	416.9	399.7	381.9	364.0	346.0
12.5°	512.2	492.0	471.5	451.3	435.8	420.4	404.9	389.4	369.4	349.4	329.4
15°	482.5	460.6	438.6	416.7	396.1	375.4	354.6	333.9	309.8	285.8	261.7
17.5°	446.2	420.4	394.3	368.3	341.2	314.1	287.0	260.0	232.2	204.7	177.0
20°	402.9	367.7	332.2	296.9	263.4	229.9	196.1	162.6	145.1	127.9	110.5
22.5°	350.3	304.5	258.9	213.1	185.6	157.8	130.3	102.6	95.0	87.5	80.0
25°	303.8	252.0	200.2	148.4	130.9	113.5	96.1	78.7	75.3	71.6	68.2
27.5°	255.4	206.8	158.0	109.2	99.3	89.2	79.3	69.2	66.9	64.7	62.4
30°	195.9	159.5	123.0	86.7	80.2	73.8	67.1	60.6	59.6	58.3	57.2
32.5°	151.8	125.1	98.7	72.0	68.4	64.7	61.1	57.4	55.7	54.0	52.0
35°	126.9	105.6	84.1	62.6	60.0	57.2	54.6	51.8	50.1	48.2	46.4
37.5°	105.1	89.7	74.0	58.3	55.5	52.7	49.7	46.9	45.6	44.3	43.0
40°	86.7	77.6	68.6	59.6	55.5	51.4	47.3	43.2	42.1	41.1	40.0
42.5°	71.6	65.8	59.8	54.0	51.0	48.2	45.2	42.1	40.6	38.9	37.4
45°	57.8	54.6	51.6	48.4	48.6	48.8	48.8	49.0	45.2	41.1	37.2
47.5°	46.9	45.4	43.6	42.1	43.9	45.6	47.1	48.8	44.7	40.6	36.3
50°	40.2	39.1	37.8	36.6	38.3	40.2	41.9	43.6	41.9	40.4	38.7
52.5°	36.8	35.3	33.8	32.3	32.9	33.8	34.4	35.0	35.0	35.0	35.0
55°	34.6	33.1	31.4	29.7	29.0	28.2	27.5	26.7	25.6	24.7	23.7
57.5°	32.9	31.2	29.2	27.5	26.4	25.2	24.1	22.8	21.7	20.4	19.4
60°	31.2	29.5	27.5	25.8	24.7	23.7	22.4	21.3	20.0	18.9	17.6
62.5°	28.8	27.3	25.8	24.3	23.2	22.4	21.3	20.2	18.9	17.6	16.1
65°	26.2	25.2	23.9	22.6	21.5	20.4	19.4	18.3	17.0	15.9	14.6
67.5°	23.9	22.8	21.9	20.9	19.6	18.5	17.2	15.9	15.1	14.2	13.1
70°	21.9	21.1	20.4	19.6	18.3	17.2	15.9	14.6	14.0	13.1	12.5
72.5°	20.0	19.4	18.5	17.8	16.8	15.7	14.6	13.5	12.9	12.3	11.6
75°	17.2	16.8	16.3	15.9	14.8	13.8	12.5	11.4	11.2	11.0	10.8
77.5°	15.5	15.3	14.8	14.4	13.3	12.3	11.2	10.1	10.3	10.5	10.5
80°	12.7	12.7	12.5	12.5	11.6	10.8	9.7	8.8	9.2	9.9	10.3
82.5°	9.7	9.7	9.7	9.7	8.8	8.0	7.1	6.2	6.9	7.3	8.0
85°	6.7	6.5	6.2	6.0	5.4	4.9	4.3	3.7	4.5	5.2	6.0
87.5°	4.1	4.3	4.3	4.3	3.9	3.2	2.8	2.2	2.6	2.8	3.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	498.8	492.4	485.9	479.3	472.8	457.8	442.7	427.7	412.6	423.8	434.8
5°	520.6	508.1	495.4	482.9	470.2	464.6	459.3	453.7	448.1	449.0	450.0
7.5°	389.0	380.8	372.6	364.2	356.1	354.3	352.8	351.1	349.4	353.1	356.5
10°	328.1	316.7	305.1	293.7	282.1	275.9	269.6	263.4	257.2	256.5	255.7
12.5°	309.4	292.0	274.8	257.4	240.0	226.4	212.9	199.3	185.8	186.8	187.9
15°	237.6	220.2	203.0	185.6	168.1	157.2	146.0	135.0	123.8	120.6	117.4
17.5°	149.2	136.3	123.4	110.3	97.4	93.7	90.3	86.7	83.0	81.9	80.8
20°	93.1	87.5	81.9	76.1	70.5	69.7	68.8	67.9	67.1	67.7	68.4
22.5°	72.5	70.1	67.5	65.1	62.6	61.7	60.8	60.0	59.1	59.8	60.2
25°	64.5	62.8	61.1	59.3	57.6	56.8	55.7	54.8	53.8	54.2	54.8
27.5°	60.0	58.5	57.0	55.5	54.0	52.5	51.2	49.7	48.2	49.0	49.7
30°	55.9	54.2	52.7	51.0	49.2	47.7	46.2	44.5	43.0	43.9	44.7
32.5°	50.3	48.8	47.1	45.6	43.9	43.0	42.1	41.1	40.2	40.9	41.3
35°	44.5	43.2	42.1	40.9	39.6	38.7	38.1	37.2	36.3	36.6	37.0
37.5°	41.7	40.2	38.7	37.2	35.7	35.3	34.8	34.2	33.8	33.8	33.8
40°	38.9	37.4	35.9	34.2	32.7	32.0	31.4	30.7	30.1	30.1	30.1
42.5°	35.7	34.2	32.7	31.2	29.7	29.0	28.2	27.5	26.7	26.7	26.7
45°	33.1	31.6	30.3	28.8	27.3	26.2	25.2	23.9	22.8	22.6	22.4
47.5°	32.3	30.1	28.0	25.8	23.7	22.6	21.5	20.2	19.1	18.9	18.7
50°	37.0	32.7	28.4	24.1	19.8	18.9	18.1	17.2	16.3	15.9	15.7
52.5°	35.0	30.5	26.0	21.5	17.0	16.3	15.7	15.1	14.4	14.0	13.5
55°	22.6	20.6	18.9	17.0	15.1	14.6	14.2	13.5	13.1	12.7	12.3
57.5°	18.1	17.0	16.1	15.1	14.0	13.5	13.1	12.5	12.0	11.4	11.0
60°	16.3	15.5	14.6	13.8	12.9	12.5	12.0	11.6	11.2	10.5	10.1
62.5°	14.8	14.2	13.5	12.9	12.3	11.8	11.4	11.0	10.5	9.9	9.2
65°	13.3	12.9	12.5	12.0	11.6	11.2	10.8	10.1	9.7	9.0	8.4
67.5°	12.3	12.0	11.8	11.6	11.4	11.0	10.3	9.9	9.2	8.6	7.7
70°	11.6	11.6	11.6	11.4	11.4	11.0	10.3	9.9	9.2	8.4	7.7
72.5°	11.0	11.2	11.4	11.4	11.6	11.0	10.3	9.7	9.0	8.2	7.5
75°	10.5	10.8	11.0	11.0	11.2	10.8	10.3	9.7	9.2	8.4	7.5
77.5°	10.8	11.0	11.0	11.2	11.2	10.8	10.3	9.7	9.2	8.2	7.1
80°	10.8	10.5	10.3	9.9	9.7	8.8	8.0	6.9	6.0	4.7	3.7
82.5°	8.4	8.0	7.7	7.3	6.9	6.0	5.2	4.3	3.4	2.6	1.7
85°	6.7	6.2	6.0	5.6	5.2	4.5	3.7	3.0	2.2	1.7	1.1
87.5°	3.4	3.2	2.8	2.6	2.2	1.7	1.1	0.6	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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-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°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	445.9	456.9	455.4	453.9	461.0	468.1	462.9	458.0	452.8	447.7	436.9
5°	450.9	451.7	450.2	448.5	448.7	449.0	445.5	442.1	438.6	435.2	434.5
7.5°	360.2	363.6	368.3	372.8	373.1	373.1	370.5	367.9	365.1	362.5	363.8
10°	255.0	254.1	255.4	256.7	256.5	256.1	263.0	269.8	276.5	283.4	278.4
12.5°	188.8	189.9	184.5	179.1	181.0	182.8	183.8	184.9	186.0	187.1	190.1
15°	114.2	110.9	107.1	103.2	105.1	106.9	108.8	110.5	112.5	114.2	116.1
17.5°	79.6	78.5	76.8	74.8	75.0	75.3	75.5	75.7	75.7	75.9	76.3
20°	69.0	69.7	68.4	66.9	66.4	65.8	65.4	64.9	64.3	63.9	63.2
22.5°	60.8	61.3	61.5	61.5	60.6	59.6	58.7	58.1	57.2	56.3	55.9
25°	55.3	55.7	55.3	54.6	54.2	53.8	53.3	52.7	52.2	51.6	51.4
27.5°	50.5	51.2	51.2	51.0	50.5	49.9	48.8	47.9	46.9	45.8	46.0
30°	45.6	46.4	46.4	46.2	46.0	45.8	44.7	43.6	42.6	41.5	41.9
32.5°	41.9	42.4	42.1	41.9	41.9	41.7	40.9	40.2	39.3	38.5	38.5
35°	37.2	37.4	37.4	37.4	37.4	37.2	36.6	35.9	35.3	34.6	34.8
37.5°	33.8	33.8	34.4	34.8	34.4	34.0	33.5	32.9	32.5	31.8	31.8
40°	29.9	29.9	30.5	31.0	30.5	30.1	29.9	29.5	29.2	28.8	28.8
42.5°	26.4	26.4	27.1	27.5	27.5	27.3	26.9	26.4	26.0	25.6	25.8
45°	22.1	21.9	23.0	23.9	23.4	23.0	23.0	22.8	22.8	22.6	22.8
47.5°	18.3	18.1	18.9	19.8	19.6	19.1	19.1	19.1	19.1	19.1	19.4
50°	15.3	14.8	15.7	16.3	16.1	15.7	15.7	15.9	15.9	15.9	16.1
52.5°	13.1	12.7	13.3	13.8	13.5	13.3	13.3	13.5	13.5	13.5	13.8
55°	11.6	11.2	11.8	12.3	12.0	11.6	11.8	11.8	12.0	12.0	12.0
57.5°	10.3	9.7	10.1	10.5	10.5	10.3	10.5	10.5	10.8	10.8	10.8
60°	9.5	8.8	9.2	9.5	9.5	9.2	9.5	9.5	9.7	9.7	9.7
62.5°	8.4	7.7	8.2	8.4	8.4	8.2	8.4	8.4	8.6	8.6	8.6
65°	7.5	6.9	7.1	7.3	7.3	7.3	7.5	7.5	7.7	7.7	7.7
67.5°	7.1	6.2	6.5	6.7	6.7	6.7	6.9	6.9	7.1	7.1	7.3
70°	6.9	6.0	6.2	6.2	6.5	6.5	6.5	6.7	6.7	6.7	6.7
72.5°	6.7	5.8	5.8	5.8	6.0	6.0	6.0	6.2	6.2	6.2	6.2
75°	6.7	5.8	5.6	5.4	5.6	5.6	5.6	5.8	5.8	5.8	5.8
77.5°	5.8	4.7	4.3	3.7	4.3	4.7	4.9	4.9	5.2	5.2	5.2
80°	2.4	1.1	0.6	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5
82.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.6	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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	426.2	415.4	404.7	409.8	415.0	420.1	425.3	424.9	424.2	423.8	423.2
5°	434.1	433.5	432.8	429.8	427.0	424.0	421.0	420.4	419.5	418.9	418.0
7.5°	365.1	366.2	367.5	364.0	360.6	357.1	353.7	344.9	336.1	327.0	318.2
10°	273.5	268.3	263.4	263.0	262.5	262.1	261.7	260.8	260.0	258.9	258.0
12.5°	193.3	196.3	199.3	198.2	197.2	195.9	194.8	196.3	198.0	199.5	201.0
15°	117.8	119.8	121.5	125.4	129.2	133.1	137.0	138.5	140.2	141.7	143.2
17.5°	76.8	77.0	77.4	81.7	85.8	90.1	94.2	97.0	99.8	102.3	105.1
20°	62.6	61.9	61.3	63.6	66.0	68.4	70.7	73.3	75.9	78.5	81.1
22.5°	55.7	55.3	54.8	55.7	56.5	57.2	58.1	60.0	62.1	64.1	66.0
25°	51.2	50.7	50.5	51.0	51.4	51.8	52.2	53.3	54.4	55.5	56.5
27.5°	46.0	46.2	46.2	46.7	46.9	47.3	47.5	47.9	48.6	49.0	49.5
30°	42.1	42.6	42.8	43.2	43.4	43.9	44.1	43.9	43.6	43.4	43.2
32.5°	38.5	38.3	38.3	38.7	38.9	39.3	39.6	40.0	40.4	40.6	41.1
35°	34.8	35.0	35.0	35.0	35.3	35.3	35.3	35.7	36.3	36.8	37.2
37.5°	31.6	31.6	31.4	32.0	32.5	33.1	33.5	34.0	34.6	35.0	35.5
40°	28.8	28.8	28.8	29.2	29.7	29.9	30.3	31.4	32.5	33.5	34.6
42.5°	25.8	26.0	26.0	26.4	26.9	27.1	27.5	28.4	29.0	29.9	30.5
45°	23.0	23.2	23.4	23.9	24.1	24.5	24.7	25.2	25.4	25.8	26.0
47.5°	19.8	20.0	20.2	20.6	20.9	21.3	21.5	21.3	21.3	21.1	20.9
50°	16.6	16.8	17.0	17.6	18.1	18.7	19.1	18.7	18.3	17.6	17.2
52.5°	14.0	14.0	14.2	14.6	15.1	15.3	15.7	15.5	15.3	15.1	14.8
55°	12.0	12.0	12.0	12.3	12.5	12.7	12.9	13.1	13.1	13.3	13.3
57.5°	10.8	10.5	10.5	10.8	11.0	11.0	11.2	11.4	11.4	11.6	11.6
60°	9.7	9.5	9.5	9.7	9.9	10.1	10.3	10.3	10.3	10.1	10.1
62.5°	8.6	8.6	8.6	8.8	8.8	9.0	9.0	9.0	9.2	9.2	9.2
65°	8.0	8.0	8.0	8.0	8.0	7.7	7.7	8.0	8.0	8.2	8.2
67.5°	7.3	7.5	7.5	7.3	7.1	6.9	6.7	6.9	6.9	7.1	7.1
70°	6.7	6.7	6.7	6.5	6.2	6.0	5.8	5.8	5.8	5.6	5.6
72.5°	6.2	6.0	6.0	5.8	5.4	5.2	4.7	4.5	4.5	4.3	4.1
75°	5.8	5.6	5.6	5.2	4.7	4.3	3.9	3.7	3.2	3.0	2.6
77.5°	5.2	5.2	5.2	4.5	4.1	3.4	2.8	2.4	1.9	1.3	0.9
80°	1.7	1.9	2.2	1.9	1.9	1.7	1.5	1.1	0.9	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-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°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	425.5	427.9	430.2	432.6	432.8	433.0	433.3	433.5	428.1	422.5	417.1
5°	422.3	426.8	431.1	435.4	433.0	430.7	428.3	425.9	425.7	425.7	425.5
7.5°	318.9	319.3	319.9	320.4	321.2	322.1	322.7	323.6	327.0	330.5	333.7
10°	255.2	252.4	249.4	246.6	244.5	242.1	240.0	237.6	239.3	241.2	243.0
12.5°	198.7	196.3	193.7	191.4	190.5	189.6	188.6	187.7	193.3	198.9	204.3
15°	142.8	142.3	141.7	141.3	144.1	146.9	149.7	152.4	157.2	161.7	166.4
17.5°	106.2	107.3	108.4	109.4	111.2	112.9	114.4	116.1	119.5	123.2	126.6
20°	82.4	83.9	85.1	86.4	86.0	85.6	84.9	84.5	87.3	90.1	92.7
22.5°	67.3	68.4	69.7	70.7	71.0	71.2	71.4	71.6	73.3	74.8	76.5
25°	57.6	58.9	60.0	61.1	61.3	61.5	61.7	61.9	64.1	66.2	68.2
27.5°	51.0	52.2	53.8	55.0	55.5	55.9	56.3	56.8	58.1	59.1	60.4
30°	44.9	46.7	48.4	50.1	50.7	51.4	52.0	52.7	54.0	55.5	56.8
32.5°	41.9	43.0	43.9	44.7	46.2	47.5	49.0	50.3	51.8	53.5	55.0
35°	38.5	39.6	40.9	41.9	43.0	44.1	44.9	46.0	46.9	47.7	48.4
37.5°	36.3	37.4	38.3	39.1	39.6	40.0	40.2	40.6	41.1	41.5	41.7
40°	34.6	34.4	34.4	34.2	34.6	35.3	35.7	36.1	37.4	38.5	39.8
42.5°	30.1	29.5	29.0	28.4	29.5	30.3	31.4	32.3	34.0	35.7	37.4
45°	25.6	25.2	24.5	24.1	25.6	27.1	28.6	30.1	32.0	33.8	35.7
47.5°	21.1	21.3	21.3	21.5	23.0	24.5	25.8	27.3	29.2	31.2	33.1
50°	17.6	18.1	18.5	18.9	20.4	21.7	23.2	24.5	26.7	28.6	30.7
52.5°	15.5	16.1	16.6	17.2	18.5	20.0	21.3	22.6	24.5	26.4	28.4
55°	14.0	14.8	15.5	16.1	17.2	18.3	19.4	20.4	22.4	24.3	26.0
57.5°	12.3	12.9	13.5	14.2	15.3	16.3	17.2	18.3	20.0	21.9	23.7
60°	10.8	11.2	11.8	12.3	13.1	14.2	15.1	15.9	17.6	19.4	20.9
62.5°	9.5	9.9	10.1	10.3	11.2	12.0	12.9	13.8	15.3	17.0	18.5
65°	8.4	8.6	8.6	8.8	9.5	10.3	11.0	11.6	13.3	14.8	16.6
67.5°	7.1	7.3	7.3	7.3	8.0	8.6	9.2	9.9	11.4	13.1	14.6
70°	5.6	5.8	5.8	5.8	6.5	7.3	8.0	8.6	9.9	11.2	12.5
72.5°	4.3	4.3	4.5	4.5	5.2	6.0	6.7	7.3	8.4	9.5	10.5
75°	2.8	3.0	3.0	3.2	3.9	4.7	5.4	6.0	7.1	8.2	9.0
77.5°	1.1	1.5	1.7	1.9	2.6	3.2	3.9	4.5	5.4	6.5	7.3
80°	0.0	0.2	0.2	0.2	0.6	0.9	1.3	1.5	2.2	3.0	3.7
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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	411.5	423.4	435.2	447.0	458.8	473.5	488.1	490.2	492.4	489.8	487.4
5°	425.3	431.1	436.7	442.5	448.1	464.9	481.4	481.6	481.6	481.9	481.9
7.5°	337.1	342.1	347.0	351.8	356.7	367.7	378.6	382.7	386.6	385.7	384.9
10°	244.7	251.1	257.4	263.8	270.1	280.2	290.3	294.1	297.8	309.6	321.7
12.5°	209.9	216.1	222.3	228.3	234.6	244.9	255.2	262.7	270.1	277.4	284.7
15°	170.9	175.9	181.0	186.0	190.9	195.7	200.4	209.6	218.7	226.0	233.3
17.5°	130.1	132.2	134.2	136.3	138.3	140.4	142.6	146.4	150.1	156.5	162.8
20°	95.5	97.2	98.9	100.4	102.1	104.3	106.4	109.2	111.8	113.3	114.6
22.5°	78.1	80.6	83.2	85.6	88.2	89.7	91.2	92.0	92.9	93.5	94.2
25°	70.3	72.7	74.8	77.2	79.3	80.0	80.6	82.4	84.1	84.1	84.1
27.5°	61.5	64.7	68.2	71.4	74.6	75.5	76.1	76.8	77.2	76.3	75.3
30°	58.1	61.3	64.5	67.5	70.7	72.0	73.1	73.8	74.4	73.3	72.2
32.5°	56.5	59.6	62.4	65.4	68.2	69.9	71.4	73.1	74.6	74.8	75.3
35°	49.2	51.2	53.3	55.3	57.2	58.1	58.9	59.6	60.0	60.0	60.0
37.5°	42.1	44.7	47.5	50.1	52.7	54.6	56.5	56.8	56.8	57.2	57.8
40°	40.9	43.4	46.0	48.4	51.0	53.1	55.0	55.3	55.5	55.9	56.3
42.5°	39.1	41.9	44.7	47.5	50.3	52.5	54.4	54.4	54.2	54.8	55.3
45°	37.4	40.2	42.8	45.6	48.2	51.0	53.5	52.9	52.0	53.1	54.0
47.5°	35.0	38.1	41.1	43.9	46.9	49.5	51.8	51.4	50.7	51.8	52.9
50°	32.7	35.7	38.7	41.7	44.7	47.5	50.1	49.7	49.2	50.5	51.6
52.5°	30.3	33.3	36.6	39.6	42.6	44.9	47.1	46.9	46.7	47.9	49.5
55°	28.0	30.7	33.8	36.6	39.3	41.9	44.3	43.9	43.4	44.5	45.6
57.5°	25.4	28.2	30.7	33.5	36.1	38.3	40.2	39.6	38.9	40.2	41.5
60°	22.6	25.2	27.7	30.1	32.7	34.4	35.9	35.5	34.8	36.1	37.4
62.5°	20.0	22.4	24.7	26.9	29.2	30.5	31.8	31.4	31.0	32.3	33.8
65°	18.1	20.0	21.7	23.7	25.4	26.7	28.0	27.3	26.7	28.2	29.5
67.5°	16.1	17.6	19.4	20.9	22.4	23.4	24.5	24.1	23.4	24.5	25.6
70°	13.8	15.3	16.8	18.1	19.6	20.6	21.7	21.1	20.2	21.3	22.4
72.5°	11.6	12.9	14.2	15.3	16.6	17.4	18.3	17.6	17.0	17.8	18.7
75°	10.1	11.2	12.3	13.1	14.2	14.6	15.1	14.8	14.4	15.3	15.9
77.5°	8.2	9.0	10.1	11.0	11.8	11.8	11.8	12.0	12.0	12.9	14.0
80°	4.3	5.2	6.0	6.7	7.5	7.5	7.3	7.7	8.0	9.0	10.1
82.5°	0.0	0.6	1.3	1.9	2.6	2.4	1.9	2.2	2.2	2.6	3.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-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°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	484.9	482.3	480.6	479.1	477.3	475.6	477.8	479.9	481.9	484.0	490.5
5°	482.1	482.1	480.6	479.1	477.6	476.0	479.3	482.3	485.5	488.5	488.3
7.5°	383.8	382.9	392.0	400.8	409.8	418.6	421.0	423.4	425.5	427.9	427.2
10°	333.5	345.3	349.2	353.1	356.9	360.8	365.5	370.3	375.0	379.7	381.4
12.5°	292.0	299.3	311.8	324.0	336.5	348.8	355.0	361.4	367.7	373.9	386.2
15°	240.6	247.9	258.7	269.4	280.2	290.9	300.8	310.9	320.8	330.7	345.5
17.5°	169.2	175.5	183.6	191.8	199.7	207.9	223.2	238.5	253.7	269.0	284.7
20°	116.1	117.4	121.3	125.4	129.2	133.1	146.9	160.8	174.6	188.4	209.0
22.5°	94.6	95.3	97.2	99.1	100.8	102.8	109.9	117.2	124.3	131.4	148.1
25°	83.9	83.9	85.1	86.4	87.7	89.0	92.9	96.8	100.4	104.3	115.0
27.5°	74.4	73.3	75.3	77.2	79.1	81.1	83.9	86.9	89.7	92.5	99.8
30°	71.2	70.1	72.5	74.8	77.2	79.6	82.4	85.1	87.7	90.5	95.5
32.5°	75.5	75.7	76.5	77.4	78.1	78.9	80.2	81.7	83.0	84.3	88.6
35°	60.0	60.0	61.5	63.0	64.3	65.8	68.2	70.5	72.9	75.3	79.8
37.5°	58.3	58.7	60.0	61.5	62.8	64.1	67.1	70.3	73.3	76.3	80.0
40°	56.5	57.0	58.7	60.4	62.1	63.9	66.9	69.7	72.7	75.5	78.9
42.5°	55.9	56.3	58.5	60.8	63.0	65.1	67.7	70.3	72.7	75.3	80.0
45°	55.0	55.9	58.5	61.3	63.9	66.4	68.8	71.2	73.5	75.9	81.7
47.5°	53.8	54.8	57.8	60.6	63.6	66.4	71.0	75.7	80.2	84.7	87.5
50°	52.9	54.0	57.2	60.4	63.6	66.9	74.2	81.5	88.6	95.9	94.4
52.5°	50.7	52.0	56.1	60.2	64.3	68.4	74.8	81.3	87.7	94.2	91.2
55°	46.7	47.7	52.5	57.2	61.7	66.4	71.2	75.9	80.4	85.1	81.7
57.5°	42.6	43.9	48.4	52.9	57.2	61.7	64.1	66.4	68.8	71.2	69.9
60°	38.7	40.0	46.0	52.0	58.1	64.1	61.9	59.8	57.4	55.3	56.8
62.5°	35.0	36.3	42.1	47.7	53.5	59.1	56.1	53.1	50.1	47.1	49.5
65°	31.0	32.3	34.4	36.8	38.9	41.1	40.9	40.4	40.2	39.8	42.4
67.5°	26.7	27.7	28.8	30.1	31.2	32.3	32.9	33.8	34.4	35.0	37.2
70°	23.2	24.3	25.6	26.7	28.0	29.0	29.5	29.9	30.1	30.5	32.5
72.5°	19.4	20.2	21.9	23.7	25.2	26.9	27.1	27.1	27.3	27.3	28.8
75°	16.8	17.4	18.7	20.0	21.1	22.4	23.0	23.7	24.1	24.7	25.6
77.5°	14.8	15.7	16.1	16.3	16.8	17.0	17.4	17.8	18.3	18.7	18.9
80°	11.0	12.0	12.5	12.7	13.1	13.3	13.3	13.1	13.1	12.9	13.1
82.5°	3.4	3.9	4.5	5.2	5.8	6.5	6.7	6.9	6.9	7.1	6.9
85°	0.6	0.9	1.3	1.7	1.9	2.4	2.2	1.7	1.5	1.1	0.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	496.9	503.1	509.6	507.0	504.4	501.8	499.3	499.7	500.3	500.8	501.2
5°	488.1	487.7	487.4	494.8	502.3	509.6	516.9	524.9	533.0	541.0	548.9
7.5°	426.6	425.7	425.1	434.5	444.0	453.5	462.9	473.9	485.1	496.0	507.0
10°	383.2	384.9	386.6	390.5	394.6	398.4	402.3	412.8	423.4	433.7	444.2
12.5°	398.4	410.5	422.7	425.1	427.2	429.6	431.8	433.3	434.8	436.3	437.8
15°	360.6	375.4	390.3	396.5	402.5	408.7	414.8	430.7	446.4	462.3	478.0
17.5°	300.4	315.9	331.6	350.3	369.0	387.7	406.4	423.6	440.8	458.0	475.2
20°	229.9	250.5	271.1	294.8	318.7	342.3	366.0	383.2	400.1	417.3	434.3
22.5°	165.1	181.9	198.7	227.3	255.7	284.3	312.6	342.5	372.6	402.5	432.4
25°	125.8	136.3	147.1	175.2	203.4	231.4	259.5	300.6	341.7	382.7	423.8
27.5°	106.9	114.2	121.3	146.6	172.0	197.2	222.5	271.4	320.2	369.0	417.8
30°	100.6	105.6	110.5	132.0	153.7	175.2	196.7	246.2	295.6	345.1	394.6
32.5°	92.9	97.0	101.3	120.2	139.1	157.8	176.7	225.1	273.5	321.7	370.0
35°	84.1	88.6	92.9	111.8	130.7	149.4	168.4	218.5	268.6	318.7	368.8
37.5°	83.4	87.1	90.5	112.5	134.6	156.5	178.5	228.6	278.7	328.5	378.6
40°	82.6	86.0	89.4	111.8	134.0	156.3	178.5	230.9	283.4	335.9	388.3
42.5°	84.7	89.2	94.0	113.7	133.5	153.1	172.9	228.1	283.4	338.4	393.7
45°	87.7	93.5	99.3	117.4	135.5	153.5	171.6	231.6	291.6	351.3	411.3
47.5°	90.5	93.3	96.1	113.3	130.3	147.5	164.5	225.8	287.0	348.3	409.6
50°	93.1	91.6	90.1	109.0	127.9	146.6	165.6	224.0	282.3	340.8	399.1
52.5°	87.9	84.9	81.7	101.9	122.1	142.1	162.3	221.3	280.2	339.1	398.0
55°	78.3	74.8	71.4	91.4	111.2	131.2	150.9	209.6	268.3	327.0	385.7
57.5°	68.4	67.1	65.6	80.8	96.1	111.2	126.4	191.6	256.9	322.1	387.2
60°	58.3	59.6	61.1	72.0	83.0	93.7	104.7	168.6	232.2	296.1	359.7
62.5°	51.6	54.0	56.1	65.4	74.8	84.1	93.3	153.5	213.7	273.9	334.1
65°	45.2	47.7	50.3	61.3	72.5	83.4	94.4	145.4	196.3	247.3	298.2
67.5°	39.3	41.3	43.4	57.8	72.2	86.7	101.1	142.8	184.3	226.0	267.5
70°	34.4	36.1	38.1	54.8	71.6	88.4	105.1	140.6	176.3	211.8	247.3
72.5°	30.3	31.8	33.3	50.3	67.3	84.3	101.3	132.9	164.3	195.9	227.3
75°	26.4	27.1	28.0	42.4	56.5	71.0	85.1	106.2	127.5	148.6	169.6
77.5°	19.1	19.1	19.4	23.7	27.7	32.0	36.1	49.2	62.4	75.3	88.4
80°	13.1	13.3	13.3	15.1	16.6	18.3	19.8	22.6	25.2	28.0	30.5
82.5°	6.7	6.2	6.0	7.7	9.5	11.2	12.9	13.5	14.0	14.6	15.1
85°	0.6	0.2	0.0	1.1	2.2	3.2	4.3	5.2	6.0	6.9	7.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883

CATALOG NUMBER: MSA-SA1C-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°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	499.5	497.8	496.0	494.3	504.9	515.6	526.1	536.7	566.6	586.1	584.0
5°	556.7	564.4	572.2	579.9	592.4	605.1	617.5	630.0	674.3	701.4	705.3
7.5°	519.0	530.9	542.9	554.7	578.8	602.7	626.8	650.6	687.0	715.1	731.1
10°	457.8	471.3	484.6	498.2	525.3	552.6	579.7	606.8	647.6	686.5	706.5
12.5°	459.1	480.3	501.6	522.9	546.6	570.2	593.7	617.3	642.3	655.4	683.5
15°	494.8	511.5	528.3	545.1	576.0	607.0	637.7	668.7	683.5	715.1	748.0
17.5°	507.9	540.8	573.4	606.1	644.8	683.3	722.0	760.5	788.5	832.3	866.3
20°	483.6	532.8	581.8	631.1	684.2	737.3	790.4	843.5	874.0	915.8	968.2
22.5°	484.6	536.9	588.9	641.2	714.5	787.6	860.9	934.0	1016.0	1096.4	1122.0
25°	492.2	560.5	628.7	697.1	781.8	866.5	951.2	1035.9	1134.9	1219.4	1253.3
27.5°	494.8	571.7	648.5	725.5	845.9	966.3	1086.7	1207.1	1325.1	1420.6	1456.9
30°	488.5	582.7	676.7	770.6	918.3	1066.0	1213.8	1361.5	1473.5	1584.7	1629.8
32.5°	490.0	610.0	730.0	850.0	1023.9	1198.1	1372.0	1546.0	1617.6	1717.8	1797.3
35°	500.3	631.9	763.3	894.9	1087.3	1279.8	1472.2	1664.7	1782.1	1887.8	1955.4
37.5°	524.4	670.2	815.8	961.6	1198.1	1434.8	1671.3	1907.8	2089.5	2271.2	2302.2
40°	542.3	696.2	850.2	1004.1	1278.7	1553.3	1827.9	2102.4	2308.0	2505.2	2526.2
42.5°	562.5	731.1	899.8	1068.4	1375.5	1682.5	1989.5	2296.6	2534.6	2735.6	2749.6
45°	584.6	758.1	931.4	1104.8	1426.4	1747.9	2069.5	2391.0	2669.0	2902.5	2849.8
47.5°	595.2	780.7	966.3	1151.8	1496.7	1841.4	2186.3	2531.0	2780.4	2986.4	2924.9
50°	603.3	807.4	1011.6	1215.7	1577.4	1939.0	2300.7	2662.3	2912.4	3102.5	3006.1
52.5°	626.3	854.5	1082.8	1311.0	1695.6	2080.1	2464.7	2849.2	3091.1	3265.7	3130.6
55°	648.7	911.5	1174.4	1437.2	1850.9	2264.8	2678.5	3092.1	3333.0	3482.6	3299.2
57.5°	676.9	966.7	1256.3	1546.0	1988.5	2431.0	2873.3	3315.8	3551.2	3716.6	3526.0
60°	669.6	979.2	1289.0	1598.6	2049.3	2500.0	2950.7	3401.3	3681.1	3884.3	3755.0
62.5°	641.2	948.2	1255.0	1562.1	2004.8	2447.3	2890.0	3332.5	3667.7	3943.0	3899.5
65°	583.8	869.1	1154.6	1440.0	1862.7	2285.6	2708.3	3131.1	3544.8	3895.0	3910.5
67.5°	508.3	749.1	989.7	1230.5	1624.9	2019.2	2413.3	2807.7	3296.0	3704.5	3750.5
70°	428.3	609.1	790.2	971.0	1318.0	1665.1	2011.9	2358.9	2866.6	3277.7	3364.6
72.5°	343.4	459.7	575.8	691.9	942.4	1192.7	1443.2	1693.5	2140.1	2459.1	2610.7
75°	222.5	275.4	328.3	381.2	548.1	714.7	881.6	1048.2	1344.7	1579.7	1751.1
77.5°	99.1	109.9	120.4	131.2	260.0	388.7	517.5	646.3	775.1	917.0	957.3
80°	35.5	40.2	45.2	49.9	113.1	176.5	239.7	303.0	365.3	438.6	456.5
82.5°	14.8	14.8	14.6	14.4	37.0	59.6	82.1	104.7	121.1	139.1	142.6
85°	6.0	4.5	2.8	1.1	4.7	8.6	12.3	15.9	25.6	23.2	43.0
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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	575.8	575.4	575.0	574.5	574.1	566.4	558.8	551.1	543.6	553.0	562.5
5°	699.0	710.2	721.4	732.8	744.0	747.2	750.4	753.6	756.9	763.7	770.6
7.5°	744.4	763.3	782.0	800.9	819.6	837.1	854.3	871.7	889.1	884.8	880.5
10°	728.7	762.9	797.1	831.5	865.7	873.2	880.7	888.4	896.0	915.5	935.1
12.5°	711.7	752.8	793.8	834.9	876.0	898.8	921.3	944.1	966.9	986.7	1006.5
15°	792.3	818.6	844.8	871.2	897.5	917.5	937.3	957.3	977.0	990.8	1004.3
17.5°	898.3	911.2	924.1	937.3	950.2	965.9	981.5	997.2	1012.9	1021.1	1029.3
20°	1010.4	1016.0	1021.5	1027.1	1032.7	1020.3	1007.8	995.3	982.8	990.6	998.1
22.5°	1122.8	1124.7	1126.9	1128.8	1130.8	1101.7	1072.7	1043.7	1014.7	1002.4	990.1
25°	1295.9	1281.7	1267.5	1253.3	1239.1	1204.7	1170.3	1135.9	1101.5	1071.2	1040.9
27.5°	1483.4	1435.2	1387.3	1339.1	1291.2	1256.8	1222.4	1188.0	1153.6	1108.0	1062.4
30°	1672.4	1594.8	1517.4	1439.7	1362.3	1321.5	1280.6	1239.6	1198.7	1153.1	1107.8
32.5°	1845.7	1752.4	1659.1	1565.5	1472.2	1403.4	1334.6	1265.8	1197.0	1165.2	1133.3
35°	1989.3	1879.0	1768.7	1658.2	1547.9	1479.7	1411.6	1343.4	1275.3	1228.0	1180.9
37.5°	2234.9	2110.8	1986.7	1862.7	1738.6	1645.5	1552.6	1459.5	1366.4	1334.8	1303.2
40°	2461.3	2305.0	2148.7	1992.3	1836.0	1758.0	1680.1	1602.1	1524.2	1472.4	1420.8
42.5°	2641.3	2476.6	2312.1	2147.4	1982.7	1905.5	1828.5	1751.3	1674.1	1639.5	1605.1
45°	2680.2	2524.9	2369.9	2214.7	2059.4	2014.5	1969.8	1924.8	1880.1	1856.2	1832.6
47.5°	2756.9	2588.6	2420.4	2252.1	2083.7	2063.5	2043.3	2022.9	2002.7	2014.1	2025.5
50°	2799.9	2628.1	2456.3	2284.5	2112.7	2118.6	2124.1	2129.9	2135.8	2216.6	2297.2
52.5°	2883.4	2709.8	2536.3	2362.8	2189.3	2225.8	2262.2	2298.7	2335.1	2446.5	2557.6
55°	3032.4	2861.9	2691.4	2520.6	2350.1	2398.3	2446.5	2494.8	2543.0	2661.3	2779.3
57.5°	3253.2	3084.0	2915.0	2745.8	2576.8	2624.7	2672.6	2720.6	2768.5	2875.4	2982.1
60°	3531.2	3357.5	3184.0	3010.2	2836.7	2854.8	2872.6	2890.7	2908.7	3023.6	3138.2
62.5°	3747.7	3588.0	3428.4	3268.7	3109.1	3089.1	3069.4	3049.4	3029.6	3116.9	3204.0
65°	3798.0	3685.6	3573.3	3460.9	3348.4	3286.9	3225.7	3164.2	3102.7	3137.9	3173.2
67.5°	3654.0	3578.1	3502.4	3426.5	3350.6	3222.2	3093.9	2965.3	2836.9	2818.2	2799.5
70°	3319.6	3278.1	3236.8	3195.4	3154.1	2956.3	2758.7	2560.8	2363.2	2315.7	2268.2
72.5°	2619.5	2645.3	2671.1	2697.2	2723.0	2511.2	2299.6	2087.8	1876.0	1815.8	1755.8
75°	1847.2	1934.7	2022.2	2109.7	2197.2	2004.2	1811.3	1618.2	1425.1	1367.3	1309.7
77.5°	1001.5	1165.6	1329.7	1493.7	1657.8	1498.4	1339.3	1180.0	1020.7	980.5	940.5
80°	474.8	569.4	663.8	758.4	853.0	817.1	781.2	745.0	709.1	717.9	726.8
82.5°	145.6	213.9	282.3	350.7	419.1	424.4	429.6	435.0	440.4	453.7	466.8
85°	48.8	66.9	84.9	103.0	121.1	152.9	184.7	216.7	248.6	227.9	207.5
87.5°	0.0	0.6	1.1	1.7	2.2	6.7	11.2	15.7	20.2	17.4	14.8
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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883

CATALOG NUMBER: MSA-SA1C-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°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	572.2	581.6	581.8	582.3	582.5	582.7	583.8	584.8	586.1	587.2	580.1
5°	777.7	784.6	771.9	759.2	746.3	733.6	745.0	756.4	767.8	779.2	774.3
7.5°	876.0	871.7	870.2	868.9	867.4	866.1	870.4	874.7	879.0	883.3	882.9
10°	954.7	974.2	979.0	983.7	988.6	993.4	983.5	973.6	963.7	953.8	949.7
12.5°	1026.3	1046.1	1061.7	1077.4	1093.4	1109.1	1094.9	1080.9	1066.7	1052.7	1039.4
15°	1018.1	1031.6	1044.5	1057.4	1070.3	1083.3	1078.5	1074.0	1069.3	1064.5	1062.4
17.5°	1037.7	1045.8	1042.8	1039.8	1036.6	1033.6	1032.1	1030.8	1029.3	1027.8	1022.6
20°	1005.8	1013.6	1011.6	1009.9	1008.0	1006.1	1004.8	1003.5	1002.2	1000.9	996.8
22.5°	977.9	965.6	962.4	959.4	956.2	953.2	953.6	954.0	954.2	954.7	973.2
25°	1010.6	980.3	968.4	956.6	944.6	932.7	938.1	943.3	948.7	954.0	980.7
27.5°	1016.6	971.0	952.1	933.2	914.2	895.3	914.7	934.0	953.4	972.7	1016.0
30°	1062.2	1016.8	990.4	964.1	937.7	911.5	936.2	960.9	985.6	1010.4	1057.2
32.5°	1101.3	1069.5	1050.6	1031.6	1012.7	993.8	994.9	995.7	996.8	997.9	1063.9
35°	1133.6	1086.5	1069.3	1052.3	1035.1	1018.1	1043.7	1069.3	1094.9	1120.4	1179.8
37.5°	1271.6	1240.0	1208.4	1177.0	1145.4	1114.0	1134.4	1154.9	1175.5	1195.9	1261.5
40°	1369.0	1317.4	1309.2	1301.3	1293.1	1285.2	1295.7	1306.0	1316.5	1327.1	1384.5
42.5°	1570.5	1535.9	1513.7	1491.8	1469.6	1447.7	1456.1	1464.5	1473.1	1481.5	1535.9
45°	1808.7	1784.8	1770.2	1755.6	1740.8	1726.1	1713.5	1701.0	1688.3	1675.8	1731.1
47.5°	2036.8	2048.2	2080.5	2112.5	2144.8	2176.8	2150.6	2124.4	2097.9	2071.7	2071.9
50°	2378.1	2458.7	2475.0	2491.2	2507.5	2523.6	2467.7	2411.8	2355.7	2299.8	2293.1
52.5°	2669.0	2780.2	2786.0	2791.8	2797.8	2803.6	2781.0	2758.4	2735.6	2713.1	2653.1
55°	2897.6	3015.6	3023.6	3031.3	3039.3	3047.0	3027.2	3007.6	2987.9	2968.1	2907.4
57.5°	3088.9	3195.6	3200.3	3204.8	3209.5	3214.3	3215.8	3217.3	3219.0	3220.5	3138.6
60°	3253.0	3367.8	3358.3	3349.1	3339.6	3330.4	3316.2	3302.0	3287.8	3273.6	3220.7
62.5°	3291.2	3378.5	3363.9	3349.5	3334.9	3320.5	3308.5	3296.6	3284.6	3272.5	3238.8
65°	3208.5	3243.7	3228.7	3213.6	3198.4	3183.3	3175.6	3168.0	3160.3	3152.6	3148.3
67.5°	2780.6	2761.9	2779.7	2797.6	2815.4	2833.3	2857.6	2881.9	2906.4	2930.7	2916.5
70°	2220.5	2173.0	2192.7	2212.3	2232.1	2251.6	2288.4	2325.2	2362.2	2398.9	2389.0
72.5°	1695.6	1635.4	1638.2	1641.0	1644.0	1646.8	1645.7	1644.9	1643.8	1642.7	1659.9
75°	1251.8	1194.0	1166.7	1139.4	1112.1	1084.8	1078.1	1071.4	1064.8	1058.1	1090.1
77.5°	900.3	860.3	841.6	823.1	804.4	785.9	795.3	804.8	814.5	823.9	835.1
80°	735.8	744.6	730.2	716.0	701.6	687.2	697.9	708.5	719.2	730.0	696.7
82.5°	480.1	493.2	449.0	404.7	360.4	316.1	343.0	369.8	396.9	423.8	410.0
85°	186.8	166.4	141.9	117.6	93.1	68.6	89.2	109.9	130.5	151.2	164.9
87.5°	12.0	9.5	7.5	5.6	3.4	1.5	3.2	4.9	6.9	8.6	14.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883

CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5	454.5
2.5°	573.2	566.1	559.3	545.7	532.2	518.6	505.1	524.0	542.9	561.8	580.8
5°	769.5	764.6	759.9	761.2	762.4	764.0	765.2	768.0	770.8	773.4	776.2
7.5°	882.6	882.2	881.8	871.9	862.0	851.9	842.0	846.9	851.9	856.8	861.8
10°	945.9	941.8	937.7	916.0	894.3	872.3	850.6	841.1	831.5	822.0	812.5
12.5°	1026.1	1012.5	999.2	976.0	953.0	929.7	906.5	897.9	889.1	880.5	871.7
15°	1060.5	1058.3	1056.4	1039.8	1023.0	1006.5	989.7	960.3	930.6	901.1	871.7
17.5°	1017.5	1012.1	1006.9	1033.2	1059.2	1085.4	1111.6	1081.1	1050.6	1020.0	989.5
20°	992.7	988.6	984.6	1033.4	1082.0	1130.8	1179.4	1165.8	1152.1	1138.5	1125.0
22.5°	991.7	1010.4	1028.9	1071.6	1114.2	1157.0	1199.6	1223.0	1246.7	1270.1	1293.5
25°	1007.3	1034.2	1060.9	1131.8	1202.8	1274.0	1344.9	1371.8	1398.5	1425.3	1452.0
27.5°	1059.0	1102.2	1145.2	1207.1	1269.0	1331.2	1393.1	1451.8	1510.7	1569.4	1628.1
30°	1103.9	1150.8	1197.6	1271.4	1344.9	1418.7	1492.2	1565.7	1639.3	1712.8	1786.4
32.5°	1129.9	1196.1	1262.1	1351.8	1441.3	1530.9	1620.6	1701.2	1781.8	1862.3	1942.9
35°	1239.1	1298.7	1358.0	1457.2	1556.3	1655.6	1754.7	1854.5	1954.3	2053.8	2153.6
37.5°	1327.1	1392.9	1458.5	1566.8	1675.0	1783.3	1891.7	2029.5	2167.6	2305.4	2443.2
40°	1441.9	1499.3	1556.7	1658.2	1759.5	1861.0	1962.5	2137.3	2312.1	2486.7	2661.5
42.5°	1590.0	1644.4	1698.8	1807.4	1916.0	2024.6	2133.2	2326.7	2520.2	2713.5	2907.0
45°	1786.4	1841.8	1897.1	1983.5	2070.0	2156.4	2242.8	2448.6	2654.2	2859.9	3065.5
47.5°	2072.1	2072.3	2072.5	2134.9	2197.2	2259.8	2322.2	2529.4	2736.5	2943.8	3150.8
50°	2286.5	2279.6	2272.9	2305.2	2337.2	2369.5	2401.7	2592.4	2783.4	2974.1	3164.8
52.5°	2593.3	2533.3	2473.5	2492.7	2511.6	2530.7	2549.7	2711.1	2872.8	3034.3	3195.8
55°	2847.0	2786.4	2725.8	2718.7	2711.6	2704.5	2697.4	2846.0	2994.5	3143.1	3291.7
57.5°	3056.9	2975.0	2893.3	2876.9	2860.8	2844.4	2828.1	2984.9	3141.4	3298.1	3454.7
60°	3168.0	3115.2	3062.3	3051.7	3041.0	3030.4	3019.7	3148.3	3276.8	3405.4	3534.0
62.5°	3205.2	3171.5	3137.9	3157.7	3177.5	3197.5	3217.3	3273.8	3330.2	3386.7	3443.1
65°	3144.2	3139.9	3135.6	3176.2	3216.6	3257.3	3297.9	3283.9	3269.7	3255.8	3241.8
67.5°	2902.5	2888.3	2874.3	2963.6	3052.6	3141.8	3231.0	3163.3	3095.4	3027.6	2959.9
70°	2379.2	2369.0	2359.2	2487.7	2616.3	2745.1	2873.7	2791.6	2709.4	2627.3	2545.1
72.5°	1676.9	1694.1	1711.3	1862.9	2014.3	2165.9	2317.2	2234.4	2151.7	2068.9	1986.1
75°	1122.0	1154.0	1186.0	1342.1	1498.2	1654.5	1810.6	1713.5	1616.3	1519.1	1421.9
77.5°	846.3	857.5	868.7	967.4	1066.0	1165.0	1263.6	1183.4	1103.0	1022.8	942.4
80°	663.3	629.8	596.5	628.9	661.4	693.9	726.3	678.4	630.4	582.7	534.7
82.5°	396.3	382.5	368.8	386.4	403.8	421.4	439.1	418.4	397.6	376.9	356.1
85°	178.5	192.2	205.8	223.6	241.2	259.1	276.9	248.1	219.3	190.5	161.7
87.5°	20.0	25.8	31.6	39.1	46.7	54.2	61.7	48.2	34.4	20.9	7.3
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: P596883
 CATALOG NUMBER: MSA-SA1C-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: P596883
 CATALOG NUMBER: MSA-SA1C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	454.5	454.5
2.5°	591.7	602.7
5°	776.0	775.6
7.5°	848.9	835.8
10°	800.5	788.5
12.5°	840.9	810.2
15°	848.5	825.2
17.5°	951.7	913.6
20°	1076.2	1027.1
22.5°	1226.5	1159.2
25°	1372.0	1292.0
27.5°	1580.2	1532.0
30°	1737.8	1689.0
32.5°	1909.8	1876.7
35°	2120.7	2087.6
37.5°	2451.8	2460.2
40°	2666.6	2671.8
42.5°	2927.0	2947.0
45°	3087.8	3110.2
47.5°	3182.0	3213.2
50°	3215.1	3265.4
52.5°	3257.9	3319.8
55°	3360.7	3429.7
57.5°	3509.7	3564.7
60°	3536.6	3539.2
62.5°	3403.3	3363.5
65°	3199.4	3157.1
67.5°	2934.3	2908.5
70°	2511.2	2477.2
72.5°	1922.9	1859.7
75°	1343.6	1265.4
77.5°	901.3	860.3
80°	536.0	537.1
82.5°	366.0	375.6
85°	159.8	157.6
87.5°	5.2	2.8
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: P596883
CATALOG NUMBER: MSA-SA1C-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)