

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: P596949

Luminaire Tested: **MSA-SA2B-835-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596949
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-SA2B-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: 5990 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

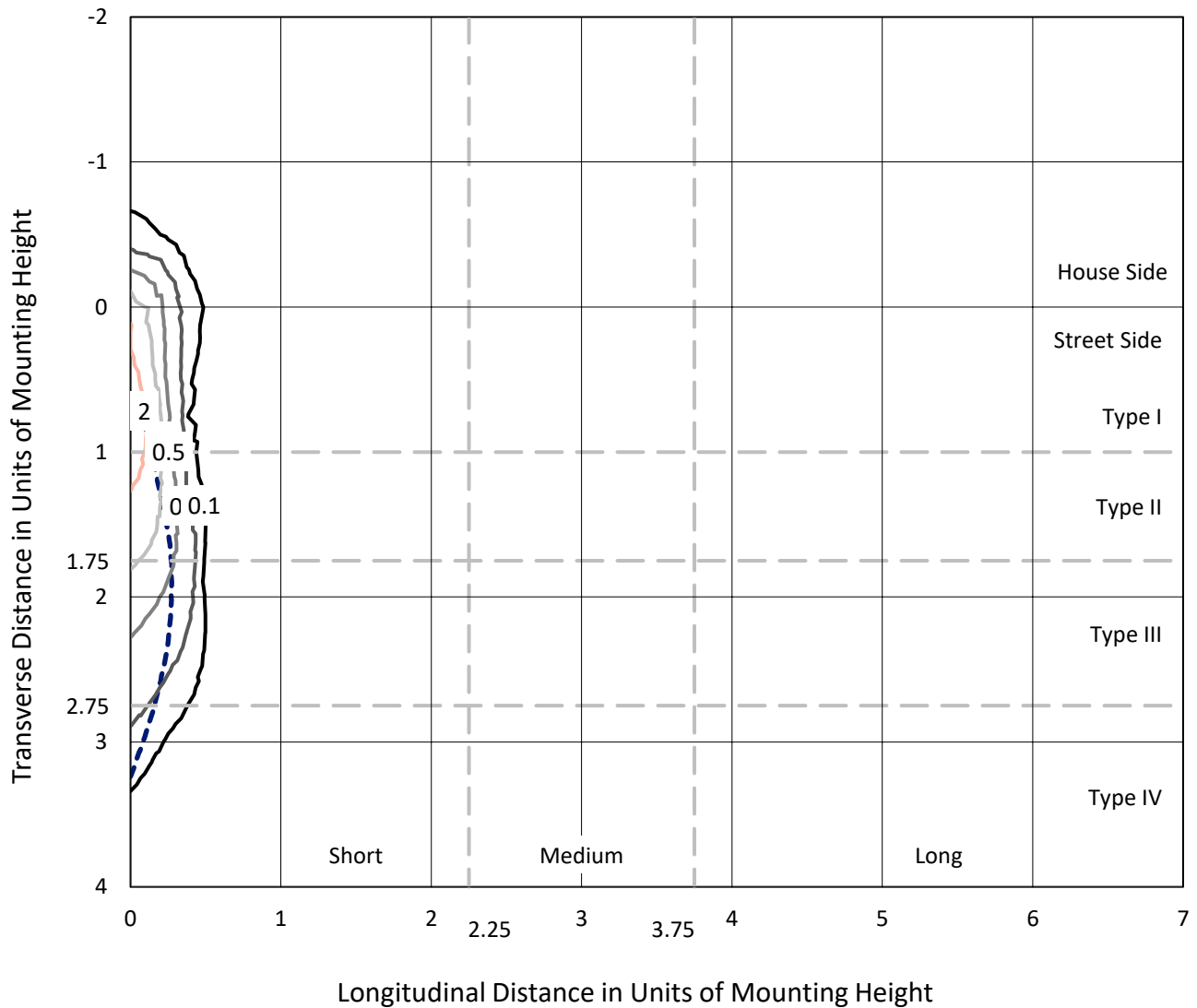
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

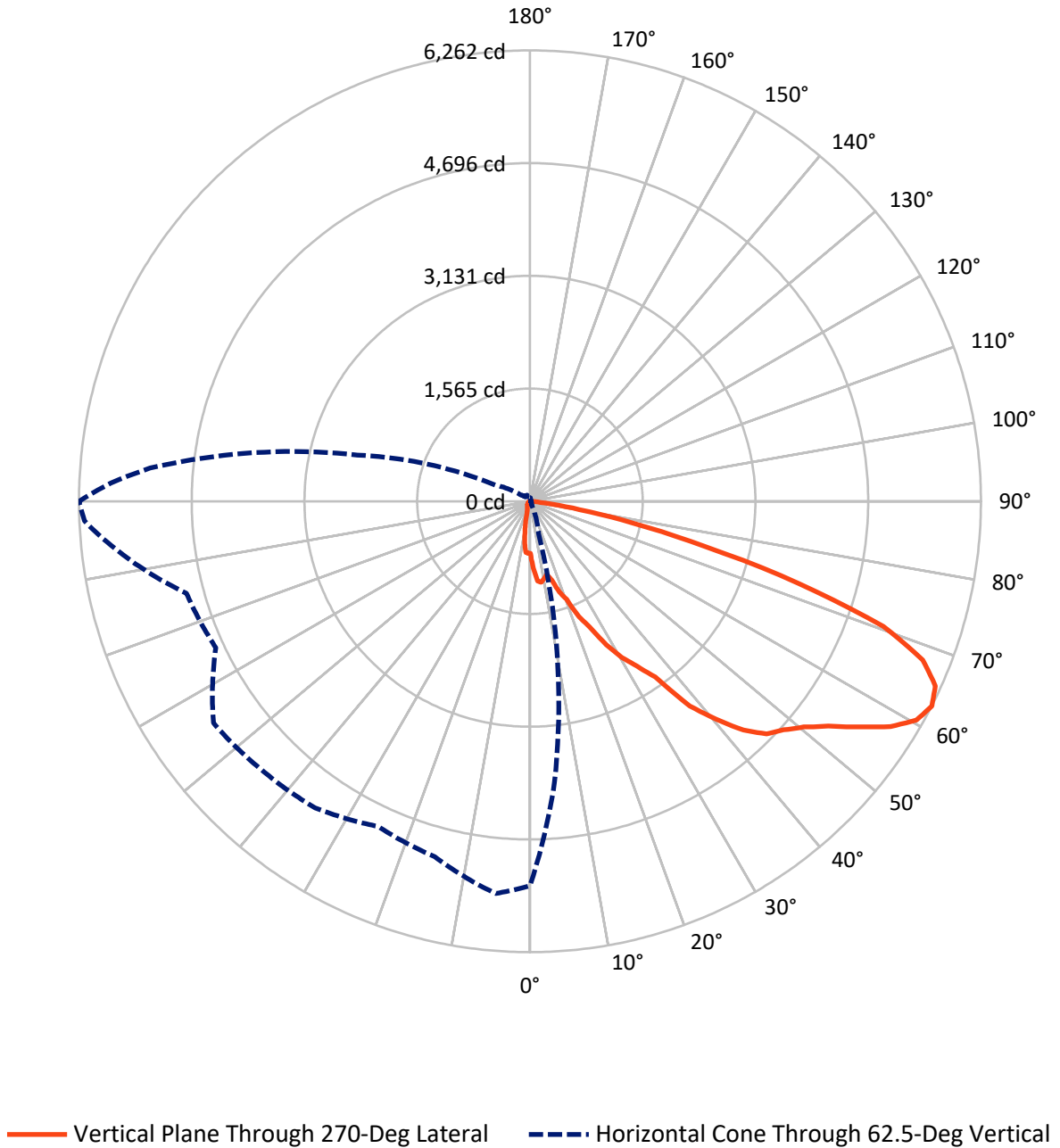
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1000.3	0.0	1000.3
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4989.7	0.0	4989.7
	% Fixture	83.3	0.0	83.3
Total	Lumens	5990.0	0.0	5990.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.7	1.3
10°-20°	210.7	3.5
20°-30°	340.5	5.7
30°-40°	570.3	9.5
40°-50°	932.3	15.6
50°-60°	1380.1	23.0
60°-70°	1584.4	26.5
70°-80°	783.4	13.1
80°-90°	107.6	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°	5990.0	100.0
0°-180°	5990.0	100.0

Coefficient of Utilization

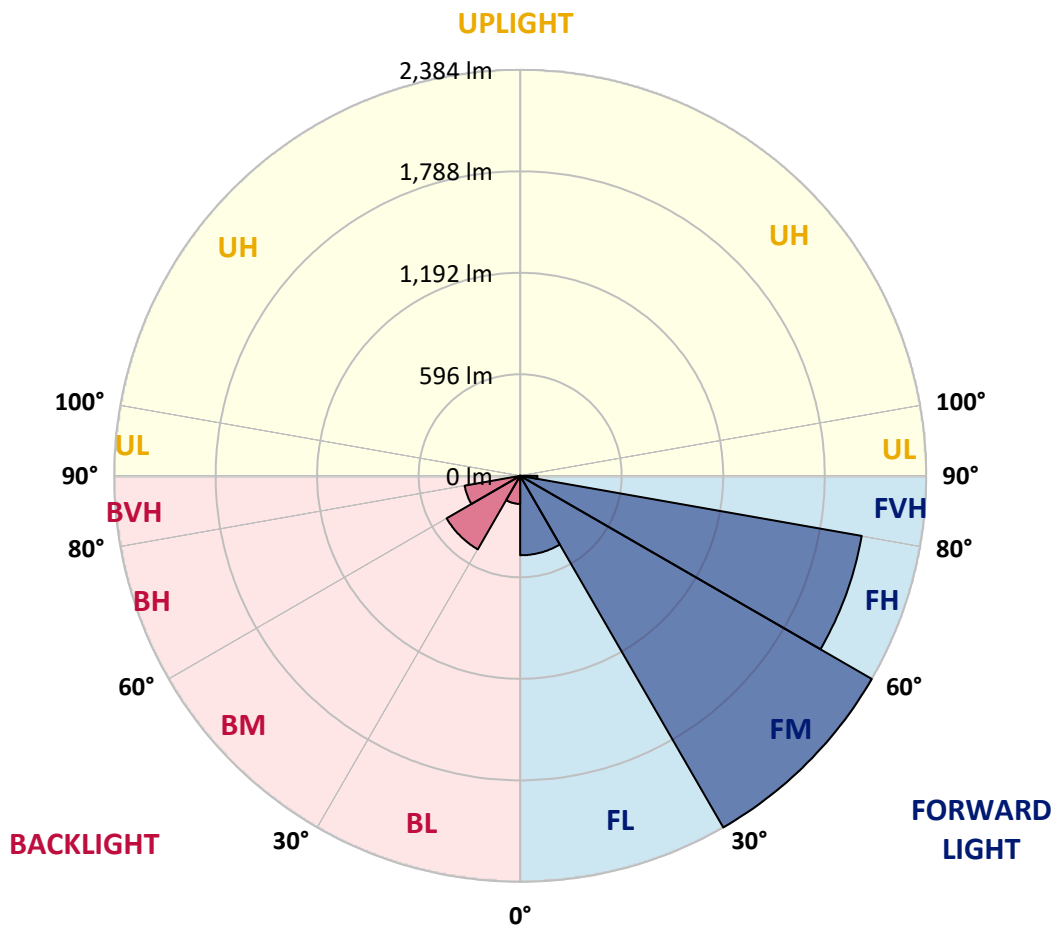


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	466.7	7.8			
FM (30°-60°)	2384.3	39.8			
FH (60°-80°)	2036.9	34.0			G2/5000
FVH (80°-90°)	101.9	1.7			G2/225
BL (0°-30°)	165.2	2.8	B1/500		
BM (30°-60°)	498.4	8.3	B1/1000		
BH (60°-80°)	330.9	5.5	B1/500		G1/500
BVH (80°-90°)	5.7	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	957.1	969.0	980.6	958.4	936.3	914.1	891.9	872.1	852.3	832.1	812.3
5°	1231.6	1209.8	1187.9	1157.9	1127.8	1097.8	1067.7	1053.7	1039.7	1025.7	1011.7
7.5°	1327.2	1288.3	1249.0	1222.4	1196.1	1169.5	1142.8	1100.8	1058.5	1016.5	974.2
10°	1252.1	1210.8	1169.1	1145.9	1122.7	1099.5	1076.2	1024.0	971.4	919.2	866.6
12.5°	1286.6	1241.8	1197.1	1149.3	1101.5	1053.7	1005.9	966.0	925.7	885.7	845.4
15°	1310.5	1259.3	1207.7	1153.1	1098.4	1043.8	989.2	942.1	895.3	848.2	801.0
17.5°	1450.8	1377.4	1304.0	1220.0	1136.0	1052.0	968.0	913.4	859.1	804.5	749.8
20°	1631.1	1527.0	1422.5	1308.8	1195.1	1081.4	967.7	899.7	831.8	763.8	695.9
22.5°	1840.8	1710.7	1580.2	1439.9	1299.9	1159.6	1019.2	921.6	823.9	726.3	628.6
25°	2051.8	1934.3	1816.8	1628.0	1439.2	1250.0	1061.2	937.3	813.0	689.0	564.8
27.5°	2432.8	2222.8	2012.8	1772.5	1532.4	1292.0	1051.7	909.6	767.6	625.2	483.2
30°	2682.1	2520.6	2358.7	2041.2	1724.0	1406.4	1088.9	908.9	729.0	548.7	368.8
32.5°	2980.2	2743.9	2507.3	2162.7	1818.2	1473.7	1129.2	917.8	706.1	494.8	283.1
35°	3315.1	3058.0	2800.9	2364.5	1928.2	1491.4	1055.1	850.2	645.3	440.5	235.6
37.5°	3906.9	3476.6	3046.4	2537.6	2028.5	1519.8	1010.7	806.2	601.3	396.8	191.9
40°	4242.8	3832.1	3421.3	2785.5	2149.8	1514.0	878.2	696.6	515.2	333.6	151.9
42.5°	4679.9	4158.8	3637.5	2926.9	2216.3	1505.8	795.2	627.2	459.2	290.9	122.9
45°	4939.1	4348.7	3758.3	2988.4	2218.4	1448.4	678.5	533.0	387.5	242.1	96.6
47.5°	5102.6	4510.5	3918.5	3091.8	2265.5	1438.9	612.2	478.4	344.5	210.7	76.8
50°	5185.6	4591.8	3997.7	3148.2	2298.6	1448.8	599.2	466.1	332.6	199.4	65.9
52.5°	5272.0	4699.4	4126.4	3245.8	2365.2	1484.6	604.0	468.1	332.6	196.7	60.8
55°	5446.5	4881.7	4316.6	3385.8	2455.0	1524.2	593.4	459.6	325.7	191.6	57.7
57.5°	5660.9	5057.2	4453.2	3488.2	2523.3	1558.4	593.4	458.9	324.4	189.5	55.0
60°	5620.2	4965.0	4309.4	3373.2	2436.9	1500.3	564.1	436.0	308.3	180.3	52.2
62.5°	5341.3	4630.0	3918.5	3053.2	2187.7	1322.4	456.9	354.8	252.7	150.2	48.1
65°	5013.5	4258.6	3503.3	2707.0	1910.4	1114.1	317.5	249.3	180.6	112.3	43.7
67.5°	4618.8	3813.6	3008.5	2300.3	1592.5	884.4	176.2	142.0	107.9	73.4	39.3
70°	3933.8	3102.7	2271.3	1727.0	1183.1	638.9	94.6	79.9	65.2	50.5	35.9
72.5°	2953.2	2191.8	1430.3	1086.5	743.0	399.2	55.3	49.9	44.0	38.6	32.8
75°	2009.4	1438.9	868.3	661.0	454.1	246.9	39.6	36.9	33.8	31.1	28.0
77.5°	1366.1	988.2	610.2	465.7	321.3	176.9	32.4	30.7	29.0	27.0	25.3
80°	852.9	583.9	314.8	242.4	169.7	97.3	24.6	23.6	22.5	21.2	20.1
82.5°	596.5	356.8	117.1	91.5	65.9	39.9	14.3	14.7	15.0	15.0	15.4
85°	250.3	135.2	20.1	17.1	14.0	10.9	7.9	8.5	9.6	10.2	10.9
87.5°	4.4	2.4	0.0	0.7	1.7	2.4	3.1	4.1	4.8	5.8	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	817.4	822.6	827.3	832.5	828.4	824.6	820.5	816.4	810.3	804.5	798.3
5°	994.6	977.6	960.5	943.4	917.5	891.5	865.2	839.3	836.2	833.1	829.7
7.5°	934.2	894.3	854.0	814.0	776.5	738.9	701.3	663.8	652.2	640.9	629.3
10°	835.9	805.1	774.1	743.3	716.4	689.0	662.1	634.8	606.4	578.1	549.4
12.5°	813.3	781.2	748.8	716.7	692.1	667.5	642.9	618.4	586.6	554.9	523.1
15°	766.2	731.4	696.6	661.7	628.9	596.2	563.0	530.3	492.0	453.8	415.5
17.5°	708.5	667.5	626.2	584.9	541.9	498.9	455.8	412.8	368.8	325.1	281.0
20°	639.9	583.9	527.5	471.5	418.3	365.0	311.4	258.1	230.5	203.2	175.5
22.5°	556.2	483.5	411.1	338.4	294.7	250.6	206.9	162.9	150.9	139.0	127.0
25°	482.5	400.2	317.9	235.6	207.9	180.3	152.6	125.0	119.5	113.7	108.2
27.5°	405.6	328.5	251.0	173.5	157.7	141.7	126.0	109.9	106.2	102.8	99.0
30°	311.1	253.4	195.3	137.6	127.4	117.1	106.5	96.3	94.6	92.5	90.8
32.5°	241.1	198.7	156.7	114.4	108.6	102.8	97.0	91.2	88.4	85.7	82.6
35°	201.5	167.7	133.5	99.4	95.3	90.8	86.7	82.3	79.6	76.5	73.8
37.5°	167.0	142.4	117.5	92.5	88.1	83.7	78.9	74.4	72.4	70.3	68.3
40°	137.6	123.3	108.9	94.6	88.1	81.6	75.1	68.6	66.9	65.2	63.5
42.5°	113.7	104.5	94.9	85.7	80.9	76.5	71.7	66.9	64.5	61.8	59.4
45°	91.8	86.7	81.9	76.8	77.2	77.5	77.5	77.9	71.7	65.2	59.1
47.5°	74.4	72.0	69.3	66.9	69.7	72.4	74.8	77.5	71.0	64.5	57.7
50°	63.9	62.1	60.1	58.0	60.8	63.9	66.6	69.3	66.6	64.2	61.5
52.5°	58.4	56.0	53.6	51.2	52.2	53.6	54.6	55.7	55.7	55.7	55.7
55°	55.0	52.6	49.9	47.1	46.1	44.7	43.7	42.3	40.6	39.3	37.6
57.5°	52.2	49.5	46.4	43.7	42.0	39.9	38.2	36.2	34.5	32.4	30.7
60°	49.5	46.8	43.7	41.0	39.3	37.6	35.5	33.8	31.8	30.0	28.0
62.5°	45.8	43.4	41.0	38.6	36.9	35.5	33.8	32.1	30.0	28.0	25.6
65°	41.7	39.9	37.9	35.9	34.1	32.4	30.7	29.0	27.0	25.3	23.2
67.5°	37.9	36.2	34.8	33.1	31.1	29.4	27.3	25.3	23.9	22.5	20.8
70°	34.8	33.5	32.4	31.1	29.0	27.3	25.3	23.2	22.2	20.8	19.8
72.5°	31.8	30.7	29.4	28.3	26.6	24.9	23.2	21.5	20.5	19.5	18.4
75°	27.3	26.6	26.0	25.3	23.6	21.9	19.8	18.1	17.8	17.4	17.1
77.5°	24.6	24.2	23.6	22.9	21.2	19.5	17.8	16.0	16.4	16.7	16.7
80°	20.1	20.1	19.8	19.8	18.4	17.1	15.4	14.0	14.7	15.7	16.4
82.5°	15.4	15.4	15.4	15.4	14.0	12.6	11.3	9.9	10.9	11.6	12.6
85°	10.6	10.2	9.9	9.6	8.5	7.9	6.8	5.8	7.2	8.2	9.6
87.5°	6.5	6.8	6.8	6.8	6.1	5.1	4.4	3.4	4.1	4.4	5.1
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: P596949
 CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	792.2	781.9	771.7	761.1	750.8	726.9	703.0	679.1	655.2	673.0	690.4
5°	826.6	806.8	786.7	766.9	746.7	737.9	729.3	720.5	711.6	712.9	714.7
7.5°	617.7	604.7	591.7	578.4	565.4	562.7	560.3	557.6	554.9	560.7	566.1
10°	521.1	503.0	484.5	466.4	448.0	438.1	428.2	418.3	408.4	407.3	406.0
12.5°	491.3	463.7	436.4	408.7	381.1	359.5	338.0	316.5	295.0	296.7	298.4
15°	377.3	349.6	322.3	294.7	267.0	249.6	231.8	214.4	196.7	191.6	186.4
17.5°	237.0	216.5	196.0	175.2	154.7	148.9	143.4	137.6	131.8	130.1	128.4
20°	147.8	139.0	130.1	120.9	112.0	110.6	109.3	107.9	106.5	107.6	108.6
22.5°	115.1	111.3	107.2	103.5	99.4	98.0	96.6	95.3	93.9	94.9	95.6
25°	102.4	99.7	97.0	94.2	91.5	90.1	88.4	87.1	85.4	86.0	87.1
27.5°	95.3	92.9	90.5	88.1	85.7	83.3	81.3	78.9	76.5	77.9	78.9
30°	88.8	86.0	83.7	80.9	78.2	75.8	73.4	70.7	68.3	69.7	71.0
32.5°	79.9	77.5	74.8	72.4	69.7	68.3	66.9	65.2	63.9	64.9	65.6
35°	70.7	68.6	66.9	64.9	62.8	61.5	60.4	59.1	57.7	58.0	58.7
37.5°	66.2	63.9	61.5	59.1	56.7	56.0	55.3	54.3	53.6	53.6	53.6
40°	61.8	59.4	57.0	54.3	51.9	50.9	49.9	48.8	47.8	47.8	47.8
42.5°	56.7	54.3	51.9	49.5	47.1	46.1	44.7	43.7	42.3	42.3	42.3
45°	52.6	50.2	48.1	45.8	43.4	41.7	39.9	37.9	36.2	35.9	35.5
47.5°	51.2	47.8	44.4	41.0	37.6	35.9	34.1	32.1	30.4	30.0	29.7
50°	58.7	51.9	45.1	38.2	31.4	30.0	28.7	27.3	26.0	25.3	24.9
52.5°	55.7	48.5	41.3	34.1	27.0	26.0	24.9	23.9	22.9	22.2	21.5
55°	35.9	32.8	30.0	27.0	23.9	23.2	22.5	21.5	20.8	20.1	19.5
57.5°	28.7	27.0	25.6	23.9	22.2	21.5	20.8	19.8	19.1	18.1	17.4
60°	26.0	24.6	23.2	21.9	20.5	19.8	19.1	18.4	17.8	16.7	16.0
62.5°	23.6	22.5	21.5	20.5	19.5	18.8	18.1	17.4	16.7	15.7	14.7
65°	21.2	20.5	19.8	19.1	18.4	17.8	17.1	16.0	15.4	14.3	13.3
67.5°	19.5	19.1	18.8	18.4	18.1	17.4	16.4	15.7	14.7	13.7	12.3
70°	18.4	18.4	18.4	18.1	18.1	17.4	16.4	15.7	14.7	13.3	12.3
72.5°	17.4	17.8	18.1	18.1	18.4	17.4	16.4	15.4	14.3	13.0	12.0
75°	16.7	17.1	17.4	17.4	17.8	17.1	16.4	15.4	14.7	13.3	12.0
77.5°	17.1	17.4	17.4	17.8	17.8	17.1	16.4	15.4	14.7	13.0	11.3
80°	17.1	16.7	16.4	15.7	15.4	14.0	12.6	10.9	9.6	7.5	5.8
82.5°	13.3	12.6	12.3	11.6	10.9	9.6	8.2	6.8	5.5	4.1	2.7
85°	10.6	9.9	9.6	8.9	8.2	7.2	5.8	4.8	3.4	2.7	1.7
87.5°	5.5	5.1	4.4	4.1	3.4	2.7	1.7	1.0	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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-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°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	708.2	725.6	723.2	720.8	732.1	743.3	735.1	727.3	719.1	710.9	693.8
5°	716.0	717.4	715.0	712.3	712.6	712.9	707.5	702.0	696.6	691.1	690.1
7.5°	571.9	577.4	584.9	592.1	592.4	592.4	588.3	584.2	579.8	575.7	577.7
10°	405.0	403.6	405.6	407.7	407.3	406.7	417.6	428.5	439.1	450.0	442.2
12.5°	299.8	301.5	293.0	284.4	287.5	290.2	291.9	293.6	295.4	297.1	301.8
15°	181.3	176.2	170.0	163.9	167.0	169.7	172.8	175.5	178.6	181.3	184.4
17.5°	126.3	124.6	121.9	118.8	119.2	119.5	119.8	120.2	120.2	120.5	121.2
20°	109.6	110.6	108.6	106.2	105.5	104.5	103.8	103.1	102.1	101.4	100.4
22.5°	96.6	97.3	97.7	97.7	96.3	94.6	93.2	92.2	90.8	89.5	88.8
25°	87.8	88.4	87.8	86.7	86.0	85.4	84.7	83.7	83.0	81.9	81.6
27.5°	80.2	81.3	81.3	80.9	80.2	79.2	77.5	76.1	74.4	72.7	73.1
30°	72.4	73.8	73.8	73.4	73.1	72.7	71.0	69.3	67.6	65.9	66.6
32.5°	66.6	67.3	66.9	66.6	66.6	66.2	64.9	63.9	62.5	61.1	61.1
35°	59.1	59.4	59.4	59.4	59.4	59.1	58.0	57.0	56.0	55.0	55.3
37.5°	53.6	53.6	54.6	55.3	54.6	53.9	53.3	52.2	51.6	50.5	50.5
40°	47.5	47.5	48.5	49.2	48.5	47.8	47.5	46.8	46.4	45.8	45.8
42.5°	42.0	42.0	43.0	43.7	43.7	43.4	42.7	42.0	41.3	40.6	41.0
45°	35.2	34.8	36.5	37.9	37.2	36.5	36.5	36.2	36.2	35.9	36.2
47.5°	29.0	28.7	30.0	31.4	31.1	30.4	30.4	30.4	30.4	30.4	30.7
50°	24.2	23.6	24.9	26.0	25.6	24.9	24.9	25.3	25.3	25.3	25.6
52.5°	20.8	20.1	21.2	21.9	21.5	21.2	21.2	21.5	21.5	21.5	21.9
55°	18.4	17.8	18.8	19.5	19.1	18.4	18.8	18.8	19.1	19.1	19.1
57.5°	16.4	15.4	16.0	16.7	16.7	16.4	16.7	16.7	17.1	17.1	17.1
60°	15.0	14.0	14.7	15.0	15.0	14.7	15.0	15.0	15.4	15.4	15.4
62.5°	13.3	12.3	13.0	13.3	13.3	13.0	13.3	13.3	13.7	13.7	13.7
65°	12.0	10.9	11.3	11.6	11.6	11.6	12.0	12.0	12.3	12.3	12.3
67.5°	11.3	9.9	10.2	10.6	10.6	10.6	10.9	10.9	11.3	11.3	11.6
70°	10.9	9.6	9.9	9.9	10.2	10.2	10.2	10.6	10.6	10.6	10.6
72.5°	10.6	9.2	9.2	9.2	9.6	9.6	9.6	9.9	9.9	9.9	9.9
75°	10.6	9.2	8.9	8.5	8.9	8.9	8.9	9.2	9.2	9.2	9.2
77.5°	9.2	7.5	6.8	5.8	6.8	7.5	7.9	7.9	8.2	8.2	8.2
80°	3.8	1.7	1.0	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4
82.5°	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	676.8	659.7	642.6	650.8	659.0	667.2	675.4	674.7	673.7	673.0	672.0
5°	689.4	688.4	687.3	682.6	678.1	673.3	668.6	667.5	666.2	665.1	663.8
7.5°	579.8	581.5	583.5	578.1	572.6	567.1	561.7	547.7	533.7	519.3	505.3
10°	434.3	426.1	418.3	417.6	416.9	416.2	415.5	414.2	412.8	411.1	409.7
12.5°	307.0	311.7	316.5	314.8	313.1	311.1	309.4	311.7	314.5	316.9	319.3
15°	187.1	190.2	192.9	199.1	205.2	211.4	217.5	219.9	222.6	225.0	227.4
17.5°	121.9	122.2	122.9	129.8	136.2	143.1	149.6	154.0	158.4	162.5	167.0
20°	99.4	98.3	97.3	101.1	104.8	108.6	112.3	116.4	120.5	124.6	128.7
22.5°	88.4	87.8	87.1	88.4	89.8	90.8	92.2	95.3	98.7	101.8	104.8
25°	81.3	80.6	80.2	80.9	81.6	82.3	83.0	84.7	86.4	88.1	89.8
27.5°	73.1	73.4	73.4	74.1	74.4	75.1	75.5	76.1	77.2	77.9	78.5
30°	66.9	67.6	67.9	68.6	69.0	69.7	70.0	69.7	69.3	69.0	68.6
32.5°	61.1	60.8	60.8	61.5	61.8	62.5	62.8	63.5	64.2	64.5	65.2
35°	55.3	55.7	55.7	55.7	56.0	56.0	56.0	56.7	57.7	58.4	59.1
37.5°	50.2	50.2	49.9	50.9	51.6	52.6	53.3	53.9	55.0	55.7	56.3
40°	45.8	45.8	45.8	46.4	47.1	47.5	48.1	49.9	51.6	53.3	55.0
42.5°	41.0	41.3	41.3	42.0	42.7	43.0	43.7	45.1	46.1	47.5	48.5
45°	36.5	36.9	37.2	37.9	38.2	38.9	39.3	39.9	40.3	41.0	41.3
47.5°	31.4	31.8	32.1	32.8	33.1	33.8	34.1	33.8	33.8	33.5	33.1
50°	26.3	26.6	27.0	28.0	28.7	29.7	30.4	29.7	29.0	28.0	27.3
52.5°	22.2	22.2	22.5	23.2	23.9	24.2	24.9	24.6	24.2	23.9	23.6
55°	19.1	19.1	19.1	19.5	19.8	20.1	20.5	20.8	20.8	21.2	21.2
57.5°	17.1	16.7	16.7	17.1	17.4	17.4	17.8	18.1	18.1	18.4	18.4
60°	15.4	15.0	15.0	15.4	15.7	16.0	16.4	16.4	16.4	16.0	16.0
62.5°	13.7	13.7	13.7	14.0	14.0	14.3	14.3	14.3	14.7	14.7	14.7
65°	12.6	12.6	12.6	12.6	12.6	12.3	12.3	12.6	12.6	13.0	13.0
67.5°	11.6	12.0	12.0	11.6	11.3	10.9	10.6	10.9	10.9	11.3	11.3
70°	10.6	10.6	10.6	10.2	9.9	9.6	9.2	9.2	9.2	8.9	8.9
72.5°	9.9	9.6	9.6	9.2	8.5	8.2	7.5	7.2	7.2	6.8	6.5
75°	9.2	8.9	8.9	8.2	7.5	6.8	6.1	5.8	5.1	4.8	4.1
77.5°	8.2	8.2	8.2	7.2	6.5	5.5	4.4	3.8	3.1	2.0	1.4
80°	2.7	3.1	3.4	3.1	3.1	2.7	2.4	1.7	1.4	0.7	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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-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°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	675.7	679.5	683.2	687.0	687.3	687.7	688.0	688.4	679.8	670.9	662.4
5°	670.6	677.8	684.6	691.4	687.7	683.9	680.2	676.4	676.1	676.1	675.7
7.5°	506.4	507.1	508.1	508.8	510.1	511.5	512.5	513.9	519.3	524.8	529.9
10°	405.3	400.9	396.1	391.6	388.2	384.5	381.1	377.3	380.0	383.1	385.8
12.5°	315.5	311.7	307.6	303.9	302.5	301.2	299.5	298.1	307.0	315.8	324.4
15°	226.7	226.0	225.0	224.3	228.8	233.2	237.6	242.1	249.6	256.8	264.3
17.5°	168.7	170.4	172.1	173.8	176.5	179.3	181.7	184.4	189.8	195.7	201.1
20°	130.8	133.2	135.2	137.3	136.6	135.9	134.9	134.2	138.6	143.1	147.2
22.5°	106.9	108.6	110.6	112.3	112.7	113.0	113.4	113.7	116.4	118.8	121.6
25°	91.5	93.6	95.3	97.0	97.3	97.7	98.0	98.3	101.8	105.2	108.2
27.5°	80.9	83.0	85.4	87.4	88.1	88.8	89.5	90.1	92.2	93.9	95.9
30°	71.4	74.1	76.8	79.6	80.6	81.6	82.6	83.7	85.7	88.1	90.1
32.5°	66.6	68.3	69.7	71.0	73.4	75.5	77.9	79.9	82.3	85.0	87.4
35°	61.1	62.8	64.9	66.6	68.3	70.0	71.4	73.1	74.4	75.8	76.8
37.5°	57.7	59.4	60.8	62.1	62.8	63.5	63.9	64.5	65.2	65.9	66.2
40°	55.0	54.6	54.6	54.3	55.0	56.0	56.7	57.4	59.4	61.1	63.2
42.5°	47.8	46.8	46.1	45.1	46.8	48.1	49.9	51.2	53.9	56.7	59.4
45°	40.6	39.9	38.9	38.2	40.6	43.0	45.4	47.8	50.9	53.6	56.7
47.5°	33.5	33.8	33.8	34.1	36.5	38.9	41.0	43.4	46.4	49.5	52.6
50°	28.0	28.7	29.4	30.0	32.4	34.5	36.9	38.9	42.3	45.4	48.8
52.5°	24.6	25.6	26.3	27.3	29.4	31.8	33.8	35.9	38.9	42.0	45.1
55°	22.2	23.6	24.6	25.6	27.3	29.0	30.7	32.4	35.5	38.6	41.3
57.5°	19.5	20.5	21.5	22.5	24.2	26.0	27.3	29.0	31.8	34.8	37.6
60°	17.1	17.8	18.8	19.5	20.8	22.5	23.9	25.3	28.0	30.7	33.1
62.5°	15.0	15.7	16.0	16.4	17.8	19.1	20.5	21.9	24.2	27.0	29.4
65°	13.3	13.7	13.7	14.0	15.0	16.4	17.4	18.4	21.2	23.6	26.3
67.5°	11.3	11.6	11.6	11.6	12.6	13.7	14.7	15.7	18.1	20.8	23.2
70°	8.9	9.2	9.2	9.2	10.2	11.6	12.6	13.7	15.7	17.8	19.8
72.5°	6.8	6.8	7.2	7.2	8.2	9.6	10.6	11.6	13.3	15.0	16.7
75°	4.4	4.8	4.8	5.1	6.1	7.5	8.5	9.6	11.3	13.0	14.3
77.5°	1.7	2.4	2.7	3.1	4.1	5.1	6.1	7.2	8.5	10.2	11.6
80°	0.0	0.3	0.3	0.3	1.0	1.4	2.0	2.4	3.4	4.8	5.8
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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	653.5	672.3	691.1	709.9	728.7	751.9	775.1	778.5	781.9	777.8	774.1
5°	675.4	684.6	693.5	702.7	711.6	738.2	764.5	764.8	764.8	765.2	765.2
7.5°	535.4	543.2	551.1	558.6	566.5	583.9	601.3	607.8	613.9	612.6	611.2
10°	388.6	398.8	408.7	419.0	428.9	444.9	461.0	467.1	472.9	491.7	510.8
12.5°	333.3	343.2	353.1	362.6	372.5	388.9	405.3	417.3	428.9	440.5	452.1
15°	271.5	279.3	287.5	295.4	303.2	310.7	318.2	332.9	347.3	358.9	370.5
17.5°	206.6	210.0	213.1	216.5	219.6	223.0	226.4	232.5	238.3	248.6	258.5
20°	151.6	154.3	157.1	159.5	162.2	165.6	169.0	173.5	177.6	179.9	182.0
22.5°	123.9	128.0	132.1	135.9	140.0	142.4	144.8	146.1	147.5	148.5	149.6
25°	111.7	115.4	118.8	122.6	126.0	127.0	128.0	130.8	133.5	133.5	133.5
27.5°	97.7	102.8	108.2	113.4	118.5	119.8	120.9	121.9	122.6	121.2	119.5
30°	92.2	97.3	102.4	107.2	112.3	114.4	116.1	117.1	118.1	116.4	114.7
32.5°	89.8	94.6	99.0	103.8	108.2	111.0	113.4	116.1	118.5	118.8	119.5
35°	78.2	81.3	84.7	87.8	90.8	92.2	93.6	94.6	95.3	95.3	95.3
37.5°	66.9	71.0	75.5	79.6	83.7	86.7	89.8	90.1	90.1	90.8	91.8
40°	64.9	69.0	73.1	76.8	80.9	84.3	87.4	87.8	88.1	88.8	89.5
42.5°	62.1	66.6	71.0	75.5	79.9	83.3	86.4	86.4	86.0	87.1	87.8
45°	59.4	63.9	67.9	72.4	76.5	80.9	85.0	84.0	82.6	84.3	85.7
47.5°	55.7	60.4	65.2	69.7	74.4	78.5	82.3	81.6	80.6	82.3	84.0
50°	51.9	56.7	61.5	66.2	71.0	75.5	79.6	78.9	78.2	80.2	81.9
52.5°	48.1	52.9	58.0	62.8	67.6	71.4	74.8	74.4	74.1	76.1	78.5
55°	44.4	48.8	53.6	58.0	62.5	66.6	70.3	69.7	69.0	70.7	72.4
57.5°	40.3	44.7	48.8	53.3	57.4	60.8	63.9	62.8	61.8	63.9	65.9
60°	35.9	39.9	44.0	47.8	51.9	54.6	57.0	56.3	55.3	57.4	59.4
62.5°	31.8	35.5	39.3	42.7	46.4	48.5	50.5	49.9	49.2	51.2	53.6
65°	28.7	31.8	34.5	37.6	40.3	42.3	44.4	43.4	42.3	44.7	46.8
67.5°	25.6	28.0	30.7	33.1	35.5	37.2	38.9	38.2	37.2	38.9	40.6
70°	21.9	24.2	26.6	28.7	31.1	32.8	34.5	33.5	32.1	33.8	35.5
72.5°	18.4	20.5	22.5	24.2	26.3	27.7	29.0	28.0	27.0	28.3	29.7
75°	16.0	17.8	19.5	20.8	22.5	23.2	23.9	23.6	22.9	24.2	25.3
77.5°	13.0	14.3	16.0	17.4	18.8	18.8	18.8	19.1	19.1	20.5	22.2
80°	6.8	8.2	9.6	10.6	12.0	12.0	11.6	12.3	12.6	14.3	16.0
82.5°	0.0	1.0	2.0	3.1	4.1	3.8	3.1	3.4	3.4	4.1	4.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-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°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	770.0	765.9	763.1	760.7	758.0	755.3	758.7	762.1	765.2	768.6	778.8
5°	765.5	765.5	763.1	760.7	758.4	756.0	761.1	765.9	771.0	775.8	775.4
7.5°	609.5	608.1	622.5	636.5	650.8	664.8	668.6	672.3	675.7	679.5	678.5
10°	529.6	548.4	554.5	560.7	566.8	573.0	580.5	588.0	595.5	603.0	605.7
12.5°	463.7	475.3	495.1	514.6	534.4	553.8	563.7	574.0	583.9	593.8	613.2
15°	382.1	393.7	410.8	427.8	444.9	462.0	477.7	493.7	509.4	525.1	548.7
17.5°	268.7	278.6	291.6	304.6	317.2	330.2	354.4	378.7	402.9	427.2	452.1
20°	184.4	186.4	192.6	199.1	205.2	211.4	233.2	255.4	277.3	299.1	331.9
22.5°	150.2	151.3	154.3	157.4	160.1	163.2	174.5	186.1	197.4	208.6	235.3
25°	133.2	133.2	135.2	137.3	139.3	141.4	147.5	153.7	159.5	165.6	182.7
27.5°	118.1	116.4	119.5	122.6	125.7	128.7	133.2	137.9	142.4	146.8	158.4
30°	113.0	111.3	115.1	118.8	122.6	126.3	130.8	135.2	139.3	143.8	151.6
32.5°	119.8	120.2	121.6	122.9	123.9	125.3	127.4	129.8	131.8	133.8	140.7
35°	95.3	95.3	97.7	100.0	102.1	104.5	108.2	112.0	115.8	119.5	126.7
37.5°	92.5	93.2	95.3	97.7	99.7	101.8	106.5	111.7	116.4	121.2	127.0
40°	89.8	90.5	93.2	95.9	98.7	101.4	106.2	110.6	115.4	119.8	125.3
42.5°	88.8	89.5	92.9	96.6	100.0	103.5	107.6	111.7	115.4	119.5	127.0
45°	87.4	88.8	92.9	97.3	101.4	105.5	109.3	113.0	116.8	120.5	129.8
47.5°	85.4	87.1	91.8	96.3	101.1	105.5	112.7	120.2	127.4	134.5	139.0
50°	84.0	85.7	90.8	95.9	101.1	106.2	117.8	129.4	140.7	152.3	149.9
52.5°	80.6	82.6	89.1	95.6	102.1	108.6	118.8	129.1	139.3	149.6	144.8
55°	74.1	75.8	83.3	90.8	98.0	105.5	113.0	120.5	127.7	135.2	129.8
57.5°	67.6	69.7	76.8	84.0	90.8	98.0	101.8	105.5	109.3	113.0	111.0
60°	61.5	63.5	73.1	82.6	92.2	101.8	98.3	94.9	91.2	87.8	90.1
62.5°	55.7	57.7	66.9	75.8	85.0	93.9	89.1	84.3	79.6	74.8	78.5
65°	49.2	51.2	54.6	58.4	61.8	65.2	64.9	64.2	63.9	63.2	67.3
67.5°	42.3	44.0	45.8	47.8	49.5	51.2	52.2	53.6	54.6	55.7	59.1
70°	36.9	38.6	40.6	42.3	44.4	46.1	46.8	47.5	47.8	48.5	51.6
72.5°	30.7	32.1	34.8	37.6	39.9	42.7	43.0	43.0	43.4	43.4	45.8
75°	26.6	27.7	29.7	31.8	33.5	35.5	36.5	37.6	38.2	39.3	40.6
77.5°	23.6	24.9	25.6	26.0	26.6	27.0	27.7	28.3	29.0	29.7	30.0
80°	17.4	19.1	19.8	20.1	20.8	21.2	21.2	20.8	20.8	20.5	20.8
82.5°	5.5	6.1	7.2	8.2	9.2	10.2	10.6	10.9	10.9	11.3	10.9
85°	1.0	1.4	2.0	2.7	3.1	3.8	3.4	2.7	2.4	1.7	1.4
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: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949
 CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	789.1	799.0	809.2	805.1	801.0	796.9	792.8	793.5	794.6	795.2	795.9
5°	775.1	774.4	774.1	785.7	797.6	809.2	820.8	833.5	846.5	859.1	871.7
7.5°	677.4	676.1	675.0	690.1	705.1	720.1	735.1	752.6	770.3	787.7	805.1
10°	608.5	611.2	613.9	620.1	626.6	632.7	638.9	655.6	672.3	688.7	705.4
12.5°	632.7	651.8	671.3	675.0	678.5	682.2	685.6	688.0	690.4	692.8	695.2
15°	572.6	596.2	619.7	629.6	639.2	649.1	658.7	683.9	708.8	734.1	759.0
17.5°	477.0	501.6	526.5	556.2	585.9	615.6	645.3	672.7	700.0	727.3	754.6
20°	365.0	397.8	430.6	468.1	506.0	543.6	581.1	608.5	635.4	662.8	689.7
22.5°	262.2	288.9	315.5	360.9	406.0	451.4	496.5	543.9	591.7	639.2	686.7
25°	199.7	216.5	233.6	278.3	323.0	367.4	412.1	477.3	542.6	607.8	673.0
27.5°	169.7	181.3	192.6	232.9	273.2	313.1	353.4	430.9	508.4	585.9	663.4
30°	159.8	167.7	175.5	209.6	244.1	278.3	312.4	391.0	469.5	548.0	626.6
32.5°	147.5	154.0	160.8	190.9	220.9	250.6	280.7	357.5	434.3	510.8	587.6
35°	133.5	140.7	147.5	177.6	207.6	237.3	267.4	346.9	426.5	506.0	585.6
37.5°	132.5	138.3	143.8	178.6	213.7	248.6	283.4	363.0	442.5	521.7	601.3
40°	131.1	136.6	142.0	177.6	212.7	248.2	283.4	366.7	450.0	533.3	616.7
42.5°	134.5	141.7	149.2	180.6	212.0	243.1	274.5	362.3	450.0	537.4	625.2
45°	139.3	148.5	157.7	186.4	215.1	243.8	272.5	367.7	463.0	557.9	653.2
47.5°	143.8	148.2	152.6	179.9	206.9	234.2	261.2	358.5	455.8	553.1	650.5
50°	147.8	145.5	143.1	173.1	203.2	232.9	262.9	355.8	448.3	541.2	633.7
52.5°	139.7	134.9	129.8	161.8	193.9	225.7	257.8	351.4	444.9	538.5	632.0
55°	124.3	118.8	113.4	145.1	176.5	208.3	239.7	332.9	426.1	519.3	612.6
57.5°	108.6	106.5	104.1	128.4	152.6	176.5	200.8	304.2	408.0	511.5	614.9
60°	92.5	94.6	97.0	114.4	131.8	148.9	166.3	267.7	368.8	470.2	571.2
62.5°	81.9	85.7	89.1	103.8	118.8	133.5	148.2	243.8	339.4	435.0	530.6
65°	71.7	75.8	79.9	97.3	115.1	132.5	149.9	230.8	311.7	392.7	473.6
67.5°	62.5	65.6	69.0	91.8	114.7	137.6	160.5	226.7	292.6	358.9	424.8
70°	54.6	57.4	60.4	87.1	113.7	140.3	167.0	223.3	280.0	336.3	392.7
72.5°	48.1	50.5	52.9	79.9	106.9	133.8	160.8	211.0	260.9	311.1	360.9
75°	42.0	43.0	44.4	67.3	89.8	112.7	135.2	168.7	202.5	235.9	269.4
77.5°	30.4	30.4	30.7	37.6	44.0	50.9	57.4	78.2	99.0	119.5	140.3
80°	20.8	21.2	21.2	23.9	26.3	29.0	31.4	35.9	39.9	44.4	48.5
82.5°	10.6	9.9	9.6	12.3	15.0	17.8	20.5	21.5	22.2	23.2	23.9
85°	1.0	0.3	0.0	1.7	3.4	5.1	6.8	8.2	9.6	10.9	12.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949

CATALOG NUMBER: MSA-SA2B-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°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	793.2	790.5	787.7	785.0	801.7	818.8	835.5	852.3	899.7	930.8	927.4
5°	884.0	896.3	908.6	920.9	940.7	960.8	980.6	1000.4	1070.8	1113.8	1120.0
7.5°	824.3	843.0	862.2	880.9	919.2	957.1	995.3	1033.2	1090.9	1135.7	1160.9
10°	726.9	748.5	769.6	791.1	834.2	877.5	920.5	963.6	1028.4	1090.2	1122.0
12.5°	729.0	762.8	796.6	830.4	868.0	905.5	942.7	980.3	1019.9	1040.7	1085.5
15°	785.7	812.3	838.9	865.6	914.7	963.9	1012.7	1061.9	1085.5	1135.7	1187.9
17.5°	806.5	858.7	910.6	962.5	1024.0	1085.1	1146.6	1207.7	1252.1	1321.7	1375.7
20°	767.9	846.1	924.0	1002.2	1086.5	1170.8	1255.2	1339.5	1388.0	1454.2	1537.5
22.5°	769.6	852.6	935.2	1018.2	1134.6	1250.7	1367.2	1483.3	1613.3	1741.0	1781.7
25°	781.6	890.2	998.4	1107.0	1241.5	1376.0	1510.6	1645.1	1802.2	1936.4	1990.3
27.5°	785.7	907.9	1029.8	1152.0	1343.3	1534.5	1725.7	1916.9	2104.3	2256.0	2313.7
30°	775.8	925.3	1074.5	1223.8	1458.3	1692.9	1927.5	2162.1	2339.9	2516.5	2588.2
32.5°	778.2	968.7	1159.2	1349.7	1626.0	1902.6	2178.8	2455.0	2568.7	2727.8	2854.2
35°	794.6	1003.5	1212.1	1421.1	1726.7	2032.3	2337.9	2643.5	2829.9	2997.9	3105.1
37.5°	832.8	1064.3	1295.5	1527.0	1902.6	2278.5	2654.1	3029.7	3318.2	3606.7	3655.9
40°	861.1	1105.6	1350.1	1594.6	2030.6	2466.6	2902.7	3338.7	3665.1	3978.2	4011.7
42.5°	893.2	1160.9	1429.0	1696.7	2184.2	2671.8	3159.4	3647.0	4025.0	4344.3	4366.4
45°	928.4	1203.9	1479.2	1754.4	2265.2	2775.6	3286.4	3796.9	4238.4	4609.2	4525.6
47.5°	945.1	1239.8	1534.5	1829.1	2376.8	2924.2	3471.9	4019.2	4415.3	4742.4	4644.7
50°	958.1	1282.1	1606.5	1930.6	2504.9	3079.2	3653.5	4227.8	4624.9	4926.8	4773.8
52.5°	994.6	1356.9	1719.5	2081.8	2692.7	3303.2	3914.0	4524.5	4908.7	5185.9	4971.5
55°	1030.2	1447.4	1865.0	2282.2	2939.2	3596.5	4253.4	4910.4	5292.8	5530.4	5239.2
57.5°	1074.9	1535.2	1995.1	2455.0	3157.7	3860.4	4562.8	5265.5	5639.4	5901.9	5599.4
60°	1063.3	1555.0	2047.0	2538.7	3254.3	3970.0	4685.7	5401.4	5845.6	6168.3	5963.1
62.5°	1018.2	1505.8	1993.0	2480.6	3183.7	3886.4	4589.4	5292.1	5824.4	6261.5	6192.5
65°	927.0	1380.1	1833.6	2286.7	2958.0	3629.6	4300.9	4972.2	5629.1	6185.3	6209.9
67.5°	807.2	1189.6	1571.7	1954.1	2580.3	3206.5	3832.4	4458.6	5234.1	5882.8	5955.9
70°	680.2	967.3	1254.8	1542.0	2093.1	2644.2	3194.9	3746.0	4552.2	5205.0	5343.0
72.5°	545.3	730.0	914.4	1098.8	1496.6	1894.0	2291.8	2689.3	3398.4	3905.2	4145.9
75°	353.4	437.4	521.4	605.4	870.4	1135.0	1399.9	1664.6	2135.4	2508.6	2780.8
77.5°	157.4	174.5	191.2	208.3	412.8	617.3	821.9	1026.4	1230.9	1456.3	1520.1
80°	56.3	63.9	71.7	79.2	179.6	280.3	380.7	481.1	580.1	696.6	724.9
82.5°	23.6	23.6	23.2	22.9	58.7	94.6	130.4	166.3	192.2	220.9	226.4
85°	9.6	7.2	4.4	1.7	7.5	13.7	19.5	25.3	40.6	36.9	68.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949

CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	914.4	913.7	913.0	912.4	911.7	899.4	887.4	875.1	863.2	878.2	893.2
5°	1110.1	1127.8	1145.6	1163.7	1181.4	1186.5	1191.7	1196.8	1201.9	1212.8	1223.8
7.5°	1182.1	1212.1	1241.8	1271.9	1301.6	1329.3	1356.6	1384.2	1411.9	1405.1	1398.2
10°	1157.2	1211.5	1265.8	1320.4	1374.7	1386.6	1398.6	1410.9	1422.8	1453.9	1485.0
12.5°	1130.2	1195.4	1260.6	1325.8	1391.1	1427.3	1463.1	1499.3	1535.5	1566.9	1598.3
15°	1258.2	1299.9	1341.6	1383.6	1425.2	1457.0	1488.4	1520.1	1551.5	1573.4	1594.9
17.5°	1426.6	1447.1	1467.5	1488.4	1508.9	1533.8	1558.7	1583.6	1608.6	1621.5	1634.5
20°	1604.5	1613.3	1622.2	1631.1	1640.0	1620.2	1600.4	1580.6	1560.8	1573.1	1585.0
22.5°	1783.0	1786.1	1789.5	1792.6	1795.7	1749.6	1703.5	1657.4	1611.3	1591.8	1572.4
25°	2057.9	2035.4	2012.8	1990.3	1967.8	1913.1	1858.5	1803.9	1749.2	1701.1	1653.0
27.5°	2355.7	2279.2	2203.0	2126.5	2050.4	1995.8	1941.1	1886.5	1831.9	1759.5	1687.1
30°	2655.8	2532.5	2409.6	2286.3	2163.4	2098.5	2033.7	1968.5	1903.6	1831.2	1759.1
32.5°	2931.0	2782.8	2634.6	2486.1	2337.9	2228.6	2119.4	2010.1	1900.8	1850.3	1799.8
35°	3159.1	2983.9	2808.8	2633.3	2458.1	2349.9	2241.6	2133.4	2025.1	1950.0	1875.2
37.5°	3549.0	3352.0	3155.0	2958.0	2761.0	2613.1	2465.6	2317.8	2169.9	2119.7	2069.5
40°	3908.6	3660.3	3412.1	3163.9	2915.6	2791.7	2668.1	2544.1	2420.5	2338.2	2256.3
42.5°	4194.4	3932.8	3671.6	3410.1	3148.5	3025.9	2903.7	2781.1	2658.5	2603.5	2548.9
45°	4256.2	4009.6	3763.5	3516.9	3270.4	3199.0	3128.0	3056.7	2985.6	2947.7	2910.2
47.5°	4378.1	4110.7	3843.7	3576.3	3309.0	3276.9	3244.8	3212.4	3180.3	3198.4	3216.4
50°	4446.3	4173.5	3900.7	3627.9	3355.1	3364.3	3373.2	3382.4	3391.6	3520.0	3648.0
52.5°	4578.8	4303.3	4027.7	3752.2	3476.6	3534.7	3592.4	3650.4	3708.1	3885.0	4061.5
55°	4815.5	4544.7	4273.9	4002.8	3732.0	3808.5	3885.0	3961.8	4038.3	4226.1	4413.6
57.5°	5166.1	4897.4	4629.0	4360.3	4091.9	4168.1	4244.2	4320.4	4396.5	4566.2	4735.6
60°	5607.6	5331.7	5056.2	4780.3	4504.7	4533.4	4561.8	4590.4	4619.1	4801.5	4983.4
62.5°	5951.5	5697.8	5444.4	5190.7	4937.4	4905.6	4874.2	4842.4	4811.0	4949.6	5087.9
65°	6031.4	5852.8	5674.5	5496.0	5317.4	5219.7	5122.4	5024.8	4927.1	4983.1	5039.1
67.5°	5802.6	5682.1	5561.9	5441.3	5320.8	5117.0	4913.1	4708.9	4505.1	4475.4	4445.7
70°	5271.6	5205.7	5140.2	5074.3	5008.7	4694.6	4380.8	4066.7	3752.9	3677.4	3601.9
72.5°	4159.9	4200.8	4241.8	4283.1	4324.1	3987.8	3651.8	3315.5	2979.1	2883.5	2788.3
75°	2933.4	3072.4	3211.3	3350.3	3489.3	3182.6	2876.4	2569.7	2263.1	2171.3	2079.8
77.5°	1590.5	1851.0	2111.5	2372.0	2632.6	2379.6	2126.9	1873.9	1620.9	1557.0	1493.5
80°	753.9	904.2	1054.1	1204.3	1354.5	1297.5	1240.5	1183.1	1126.1	1140.1	1154.1
82.5°	231.2	339.7	448.3	556.9	665.5	674.0	682.2	690.8	699.3	720.5	741.3
85°	77.5	106.2	134.9	163.6	192.2	242.8	293.3	344.2	394.7	361.9	329.5
87.5°	0.0	1.0	1.7	2.7	3.4	10.6	17.8	24.9	32.1	27.7	23.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949

CATALOG NUMBER: MSA-SA2B-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°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	908.6	923.6	924.0	924.6	925.0	925.3	927.0	928.7	930.8	932.5	921.2
5°	1235.0	1245.9	1225.8	1205.7	1185.2	1165.0	1183.1	1201.2	1219.3	1237.4	1229.6
7.5°	1391.1	1384.2	1381.8	1379.8	1377.4	1375.4	1382.2	1389.0	1395.8	1402.7	1402.0
10°	1516.0	1547.1	1554.6	1562.1	1570.0	1577.5	1561.8	1546.1	1530.4	1514.7	1508.2
12.5°	1629.7	1661.1	1686.1	1711.0	1736.3	1761.2	1738.7	1716.5	1693.9	1671.7	1650.6
15°	1616.8	1638.3	1658.8	1679.2	1699.7	1720.2	1712.7	1705.5	1698.0	1690.5	1687.1
17.5°	1647.8	1660.8	1656.0	1651.2	1646.1	1641.3	1639.0	1636.9	1634.5	1632.1	1623.9
20°	1597.3	1609.6	1606.5	1603.8	1600.7	1597.6	1595.6	1593.5	1591.5	1589.4	1583.0
22.5°	1552.9	1533.4	1528.3	1523.5	1518.4	1513.6	1514.3	1515.0	1515.4	1516.0	1545.4
25°	1604.8	1556.7	1537.9	1519.1	1500.0	1481.2	1489.7	1497.9	1506.5	1515.0	1557.3
27.5°	1614.4	1542.0	1511.9	1481.9	1451.8	1421.8	1452.5	1483.3	1514.0	1544.7	1613.3
30°	1686.8	1614.7	1572.7	1531.1	1489.1	1447.4	1486.7	1525.9	1565.2	1604.5	1678.9
32.5°	1748.9	1698.4	1668.3	1638.3	1608.2	1578.2	1579.9	1581.3	1583.0	1584.7	1689.5
35°	1800.1	1725.3	1698.0	1671.1	1643.7	1616.8	1657.4	1698.0	1738.7	1779.3	1873.5
37.5°	2019.3	1969.1	1918.9	1869.1	1818.9	1769.0	1801.5	1833.9	1866.7	1899.1	2003.3
40°	2174.0	2092.1	2079.1	2066.4	2053.5	2040.8	2057.6	2074.0	2090.7	2107.4	2198.6
42.5°	2493.9	2439.0	2403.8	2369.0	2333.8	2299.0	2312.3	2325.6	2339.3	2352.6	2439.0
45°	2872.3	2834.4	2811.1	2787.9	2764.4	2741.2	2721.0	2701.2	2681.1	2661.3	2749.0
47.5°	3234.5	3252.6	3303.9	3354.7	3406.0	3456.8	3415.2	3373.5	3331.5	3289.9	3290.2
50°	3776.4	3904.5	3930.4	3956.0	3982.0	4007.6	3918.8	3830.0	3740.9	3652.1	3641.6
52.5°	4238.4	4414.9	4424.2	4433.4	4442.9	4452.2	4416.3	4380.4	4344.3	4308.4	4213.1
55°	4601.4	4788.8	4801.5	4813.7	4826.4	4838.7	4807.3	4776.2	4744.8	4713.4	4617.1
57.5°	4905.3	5074.6	5082.1	5089.3	5096.8	5104.3	5106.7	5109.1	5111.8	5114.2	4984.1
60°	5165.8	5348.1	5333.1	5318.4	5303.4	5288.7	5266.2	5243.6	5221.1	5198.6	5114.6
62.5°	5226.6	5365.2	5342.0	5319.1	5295.9	5273.0	5253.9	5235.1	5216.0	5196.9	5143.2
65°	5095.1	5151.1	5127.2	5103.3	5079.1	5055.2	5042.9	5030.9	5018.6	5006.3	4999.5
67.5°	4415.6	4385.9	4414.3	4442.6	4470.9	4499.3	4537.9	4576.4	4615.4	4653.9	4631.4
70°	3526.1	3450.7	3482.1	3513.2	3544.6	3575.7	3634.0	3692.4	3751.2	3809.5	3793.8
72.5°	2692.7	2597.1	2601.5	2605.9	2610.7	2615.2	2613.5	2612.1	2610.4	2608.7	2636.0
75°	1987.9	1896.1	1852.7	1809.3	1766.0	1722.6	1712.0	1701.4	1690.9	1680.3	1731.1
77.5°	1429.6	1366.1	1336.4	1307.1	1277.4	1248.0	1263.0	1278.0	1293.4	1308.4	1326.2
80°	1168.4	1182.4	1159.6	1137.0	1114.1	1091.3	1108.3	1125.1	1142.1	1159.2	1106.3
82.5°	762.5	783.3	712.9	642.6	572.3	501.9	544.6	587.3	630.3	673.0	651.1
85°	296.7	264.3	225.4	186.8	147.8	108.9	141.7	174.5	207.3	240.0	261.9
87.5°	19.1	15.0	12.0	8.9	5.5	2.4	5.1	7.9	10.9	13.7	22.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596949
 CATALOG NUMBER: MSA-SA2B-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: P596949

CATALOG NUMBER: MSA-SA2B-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
2.5°	910.3	899.0	888.1	866.6	845.1	823.6	802.1	832.1	862.2	892.2	922.3
5°	1222.0	1214.2	1206.7	1208.7	1210.8	1213.2	1215.2	1219.7	1224.1	1228.2	1232.6
7.5°	1401.6	1401.0	1400.3	1384.6	1368.9	1352.8	1337.1	1345.0	1352.8	1360.7	1368.5
10°	1502.0	1495.5	1489.1	1454.6	1420.1	1385.3	1350.8	1335.7	1320.4	1305.4	1290.3
12.5°	1629.4	1607.9	1586.7	1549.8	1513.3	1476.4	1439.5	1425.9	1411.9	1398.2	1384.2
15°	1684.0	1680.6	1677.5	1651.2	1624.6	1598.3	1571.7	1524.9	1477.8	1431.0	1384.2
17.5°	1615.7	1607.2	1599.0	1640.7	1682.0	1723.6	1765.3	1716.8	1668.3	1619.8	1571.3
20°	1576.5	1570.0	1563.5	1641.0	1718.2	1795.7	1872.8	1851.3	1829.5	1808.0	1786.5
22.5°	1574.8	1604.5	1633.8	1701.8	1769.4	1837.3	1904.9	1942.2	1979.7	2016.9	2054.2
25°	1599.7	1642.4	1684.7	1797.4	1910.1	2023.1	2135.8	2178.4	2220.8	2263.5	2305.8
27.5°	1681.6	1750.3	1818.6	1916.9	2015.2	2113.9	2212.2	2305.5	2399.0	2492.2	2585.5
30°	1753.0	1827.4	1901.9	2019.0	2135.8	2252.9	2369.7	2486.4	2603.2	2720.0	2836.8
32.5°	1794.3	1899.5	2004.3	2146.7	2288.7	2431.1	2573.5	2701.5	2829.6	2957.3	3085.3
35°	1967.8	2062.4	2156.6	2314.0	2471.4	2629.2	2786.6	2945.0	3103.4	3261.5	3420.0
37.5°	2107.4	2211.9	2316.0	2488.1	2659.9	2832.0	3004.1	3222.9	3442.1	3661.0	3879.9
40°	2289.8	2380.9	2472.1	2633.3	2794.1	2955.2	3116.4	3394.0	3671.6	3948.9	4226.5
42.5°	2525.0	2611.4	2697.8	2870.2	3042.7	3215.1	3387.5	3694.8	4002.1	4309.1	4616.4
45°	2836.8	2924.9	3012.6	3149.9	3287.1	3424.4	3561.7	3888.4	4214.8	4541.6	4868.0
47.5°	3290.5	3290.9	3291.2	3390.2	3489.3	3588.6	3687.6	4016.8	4345.6	4674.8	5003.6
50°	3631.0	3620.0	3609.5	3660.7	3711.6	3762.8	3814.0	4116.8	4420.1	4722.9	5025.8
52.5°	4118.2	4023.0	3928.0	3958.4	3988.5	4018.9	4048.9	4305.3	4562.1	4818.5	5075.0
55°	4521.1	4424.8	4328.5	4317.3	4306.0	4294.7	4283.5	4519.4	4755.4	4991.3	5227.2
57.5°	4854.4	4724.3	4594.5	4568.6	4543.0	4517.0	4491.1	4740.0	4988.6	5237.5	5486.1
60°	5030.9	4946.9	4862.9	4846.2	4829.1	4812.4	4795.3	4999.5	5203.7	5407.9	5612.1
62.5°	5090.0	5036.4	4983.1	5014.5	5045.9	5077.7	5109.1	5198.9	5288.4	5378.2	5467.6
65°	4993.0	4986.2	4979.3	5043.9	5108.1	5172.6	5237.1	5214.9	5192.4	5170.2	5148.0
67.5°	4609.2	4586.7	4564.5	4706.2	4847.6	4989.3	5131.0	5023.4	4915.5	4807.9	4700.4
70°	3778.1	3762.1	3746.4	3950.6	4154.8	4359.3	4563.5	4433.0	4302.6	4172.2	4041.7
72.5°	2663.0	2690.3	2717.6	2958.3	3198.7	3439.4	3679.8	3548.3	3416.9	3285.4	3154.0
75°	1781.7	1832.6	1883.4	2131.3	2379.2	2627.4	2875.3	2721.0	2566.7	2412.3	2258.0
77.5°	1343.9	1361.7	1379.5	1536.2	1692.9	1850.0	2006.7	1879.3	1751.6	1624.3	1496.6
80°	1053.4	1000.1	947.2	998.7	1050.3	1101.9	1153.4	1077.3	1001.1	925.3	849.2
82.5°	629.3	607.4	585.6	613.6	641.2	669.2	697.2	664.5	631.3	598.6	565.4
85°	283.4	305.3	326.8	355.1	383.1	411.4	439.8	394.0	348.3	302.5	256.8
87.5°	31.8	41.0	50.2	62.1	74.1	86.0	98.0	76.5	54.6	33.1	11.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	721.8	721.8
2.5°	939.7	957.1
5°	1232.3	1231.6
7.5°	1348.0	1327.2
10°	1271.2	1252.1
12.5°	1335.4	1286.6
15°	1347.4	1310.5
17.5°	1511.3	1450.8
20°	1709.0	1631.1
22.5°	1947.6	1840.8
25°	2178.8	2051.8
27.5°	2509.3	2432.8
30°	2759.6	2682.1
32.5°	3032.7	2980.2
35°	3367.7	3315.1
37.5°	3893.5	3906.9
40°	4234.6	4242.8
42.5°	4648.1	4679.9
45°	4903.5	4939.1
47.5°	5053.1	5102.6
50°	5105.7	5185.6
52.5°	5173.6	5272.0
55°	5336.8	5446.5
57.5°	5573.5	5660.9
60°	5616.2	5620.2
62.5°	5404.5	5341.3
65°	5080.8	5013.5
67.5°	4659.8	4618.8
70°	3987.8	3933.8
72.5°	3053.6	2953.2
75°	2133.7	2009.4
77.5°	1431.4	1366.1
80°	851.2	852.9
82.5°	581.1	596.5
85°	253.7	250.3
87.5°	8.2	4.4
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: P596949
CATALOG NUMBER: MSA-SA2B-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)