

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: P596928

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

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596928
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2A-835-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5613 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

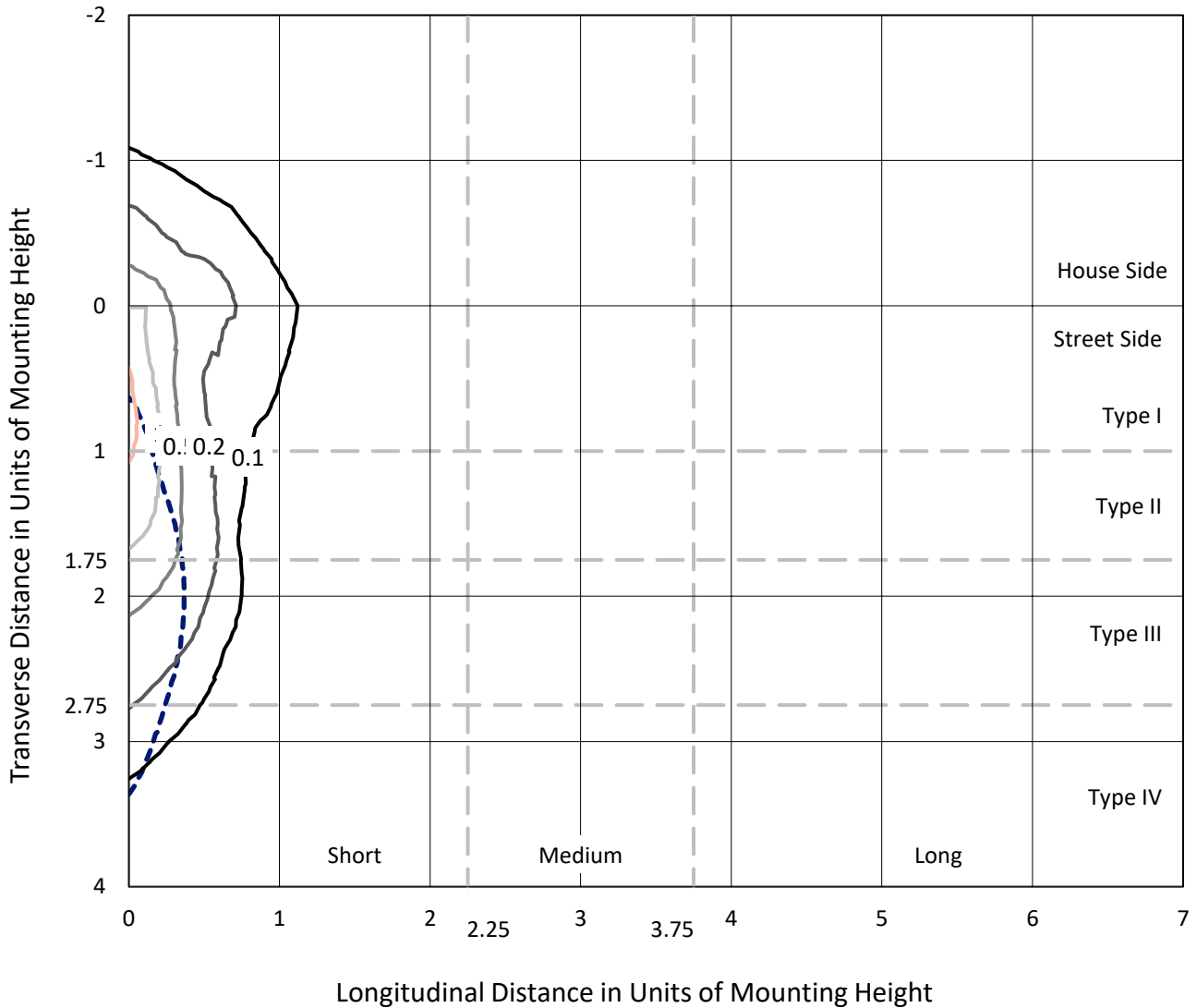
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

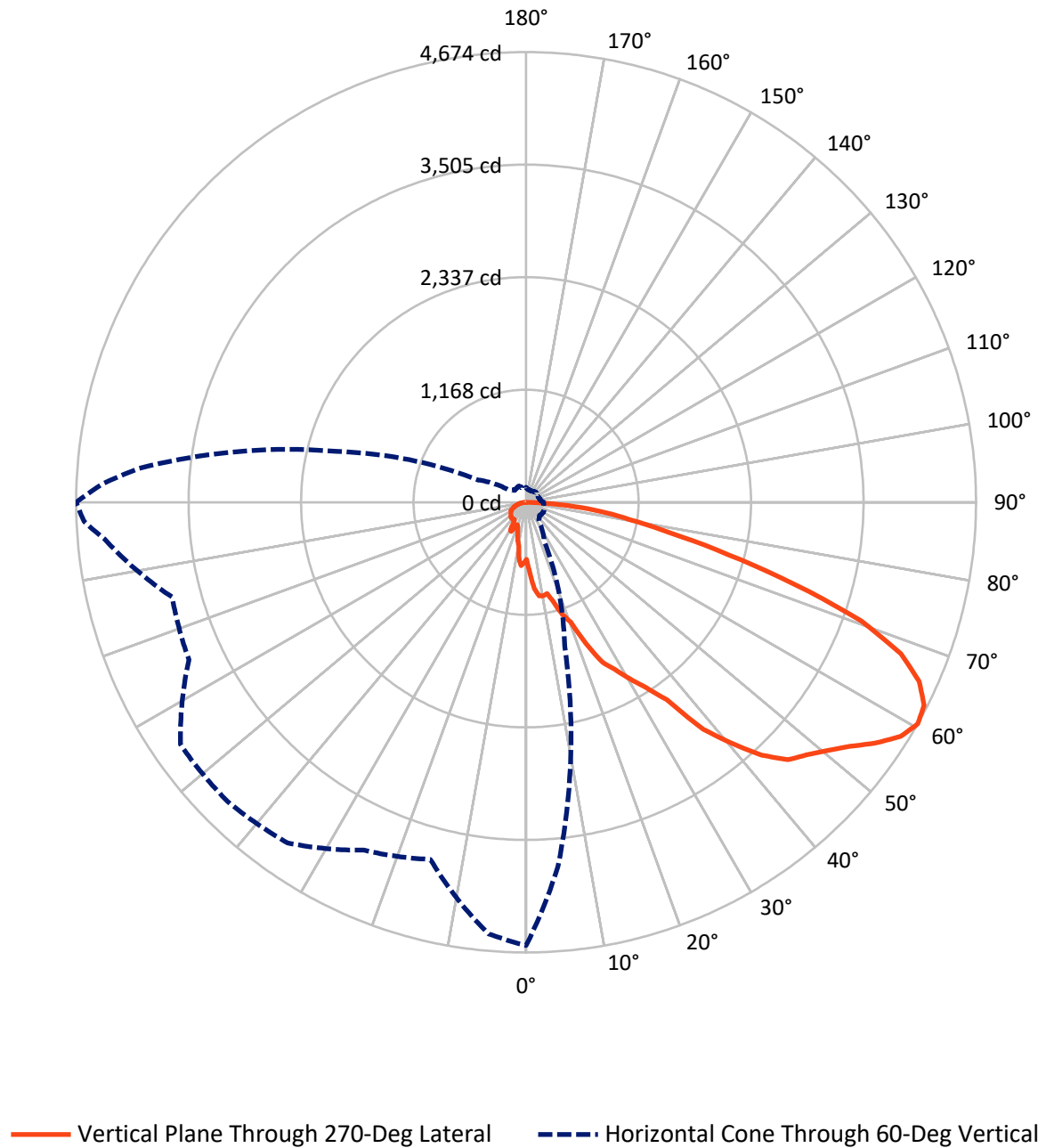
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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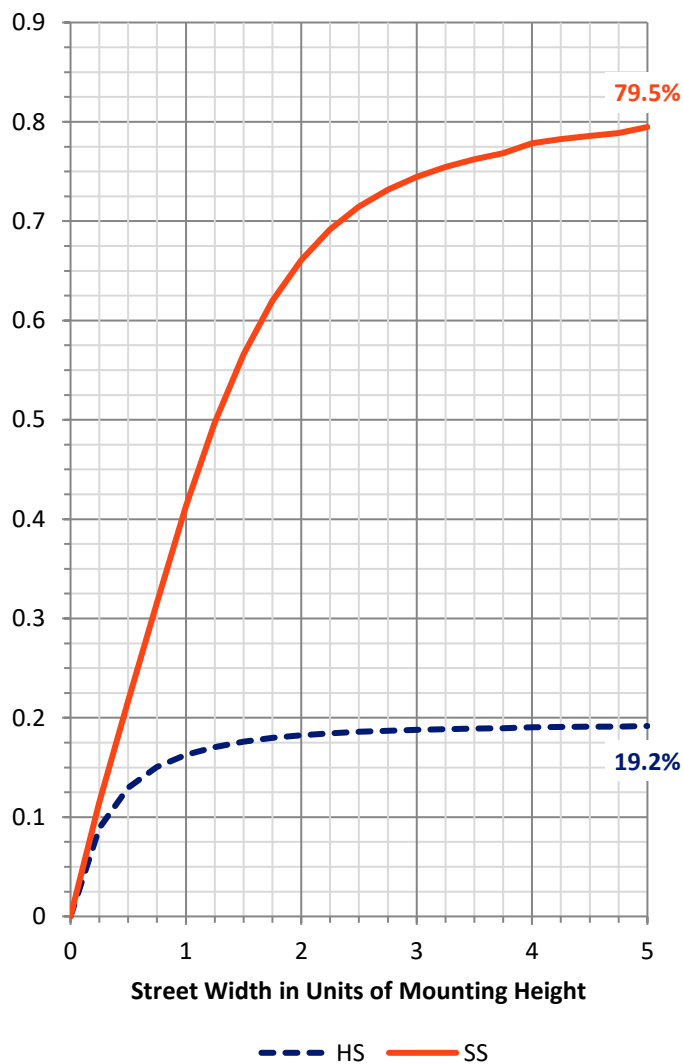
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1087.1	0.0	1087.1
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	4525.9	0.0	4525.9
	% Fixture	80.6	0.0	80.6
Total	Lumens	5613.0	0.0	5613.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	1.2
10°-20°	197.2	3.5
20°-30°	348.2	6.2
30°-40°	542.2	9.7
40°-50°	892.7	15.9
50°-60°	1274.2	22.7
60°-70°	1351.1	24.1
70°-80°	746.3	13.3
80°-90°	193.1	3.4
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°	5613.0	100.0
0°-180°	5613.0	100.0

Coefficient of Utilization



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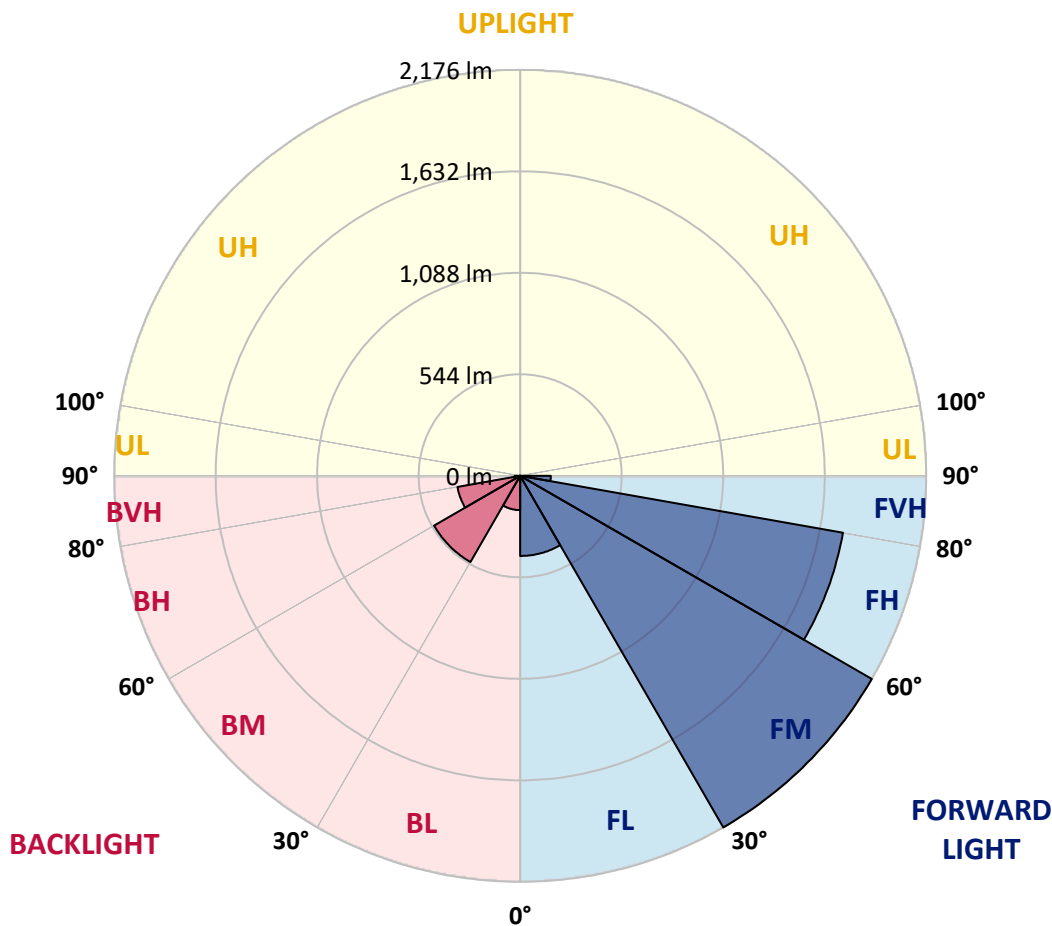
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	429.5	7.7			
FM (30°-60°)	2176.0	38.8			
FH (60°-80°)	1756.3	31.3			G1/1800
FVH (80°-90°)	164.1	2.9			G2/225
BL (0°-30°)	183.8	3.3	B1/500		
BM (30°-60°)	533.3	9.5	B1/1000		
BH (60°-80°)	341.1	6.1	B1/500		G1/500
BVH (80°-90°)	29.0	0.5			G1/100
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°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	792.8	797.7	802.4	793.1	783.8	774.3	765.0	751.1	737.0	723.1	708.9
5°	952.2	934.2	916.0	908.6	901.5	894.2	886.8	880.0	873.2	866.1	859.3
7.5°	1002.1	976.4	950.6	939.7	928.8	917.6	906.7	882.2	857.7	832.9	808.3
10°	947.3	920.6	893.6	883.0	872.1	861.5	850.6	820.6	790.9	760.9	731.0
12.5°	991.4	964.2	936.7	902.9	869.1	835.0	801.3	784.6	768.0	751.1	734.5
15°	1033.9	997.2	960.1	926.3	892.5	858.5	824.7	791.5	758.2	725.0	691.7
17.5°	1189.2	1127.9	1066.6	1005.6	944.3	883.3	822.0	783.6	744.9	706.5	667.8
20°	1378.6	1293.3	1207.8	1115.1	1022.2	929.6	836.7	788.2	740.0	691.5	643.0
22.5°	1603.9	1496.3	1388.7	1271.8	1154.9	1037.7	920.9	850.6	780.3	709.7	639.4
25°	1782.9	1679.4	1575.8	1427.6	1279.4	1131.2	983.0	903.2	823.3	743.2	663.4
27.5°	1956.7	1791.9	1626.8	1457.0	1287.6	1117.8	948.1	874.3	800.4	726.6	652.8
30°	2103.6	1972.8	1842.0	1620.5	1399.0	1177.2	955.7	865.0	774.3	683.6	592.8
32.5°	2318.5	2131.9	1945.0	1714.0	1482.9	1251.9	1020.9	904.8	788.7	672.7	556.6
35°	2570.0	2376.0	2182.0	1896.2	1610.7	1324.9	1039.1	916.2	793.1	670.2	547.1
37.5°	3038.9	2696.9	2354.8	2042.8	1730.8	1418.6	1106.7	963.9	821.2	678.1	535.4
40°	3297.4	2981.4	2665.3	2276.6	1887.8	1498.7	1109.9	963.9	817.6	671.6	525.3
42.5°	3642.1	3242.4	2842.4	2422.0	2001.9	1581.5	1161.2	999.3	837.5	675.4	513.6
45°	3852.1	3406.7	2960.9	2511.7	2062.4	1613.2	1163.9	999.6	835.3	671.0	506.7
47.5°	3987.5	3559.8	3131.8	2648.2	2164.6	1680.7	1197.1	1022.8	848.1	673.8	499.1
50°	4115.8	3692.2	3268.3	2766.1	2264.3	1762.2	1260.1	1069.6	879.2	688.5	498.0
52.5°	4273.3	3883.2	3492.8	2954.1	2415.2	1876.6	1337.7	1130.4	923.0	715.7	508.4
55°	4502.4	4118.0	3733.3	3155.2	2576.8	1998.7	1420.3	1190.0	960.1	729.9	499.7
57.5°	4650.9	4261.1	3871.2	3281.6	2692.0	2102.2	1512.6	1257.6	1002.6	747.3	492.3
60°	4601.6	4199.5	3797.1	3235.0	2673.0	2110.9	1548.9	1273.4	998.2	722.8	447.4
62.5°	4383.7	3956.2	3528.7	3025.2	2522.0	2018.6	1515.1	1235.0	955.2	675.1	395.0
65°	4079.1	3637.2	3195.0	2740.8	2286.6	1832.5	1378.3	1124.1	869.6	615.5	361.0
67.5°	3705.3	3244.6	2783.6	2381.5	1979.3	1576.9	1174.8	962.3	750.0	537.5	325.0
70°	3236.4	2783.6	2330.8	1982.9	1634.9	1287.0	939.1	779.2	619.5	459.6	299.7
72.5°	2601.3	2210.6	1819.9	1546.1	1272.3	998.5	724.7	613.5	502.7	391.5	280.3
75°	1850.2	1620.5	1390.8	1177.8	964.7	751.4	538.4	466.4	394.5	322.6	250.7
77.5°	1314.8	1179.4	1044.0	877.0	710.0	543.0	376.0	333.7	291.8	249.6	207.3
80°	972.1	859.0	746.0	620.1	494.2	368.3	242.5	221.8	201.3	180.6	159.9
82.5°	640.0	589.0	537.8	438.1	338.4	238.7	138.9	131.3	123.7	116.1	108.4
85°	286.6	302.7	318.5	257.5	196.2	135.1	73.8	70.3	66.7	63.2	59.7
87.5°	27.5	40.6	53.7	46.0	38.1	30.5	22.6	22.3	22.3	22.1	21.8
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



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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°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	712.7	716.5	720.3	724.2	720.1	716.0	711.6	707.5	702.4	697.2	691.7
5°	847.9	836.1	824.7	813.0	795.5	778.1	760.4	743.0	740.8	738.3	736.1
7.5°	786.8	765.6	744.1	722.5	695.3	668.3	641.1	613.8	605.6	597.5	589.3
10°	716.5	701.8	687.4	672.7	655.8	638.9	621.7	604.8	582.5	559.9	537.5
12.5°	710.5	686.6	662.3	638.3	628.0	617.6	607.3	596.9	577.3	557.7	537.8
15°	672.4	652.8	633.4	613.8	598.8	583.9	568.9	553.9	538.1	522.0	506.2
17.5°	645.4	623.1	600.7	578.4	561.2	544.1	526.6	509.5	490.4	471.1	452.0
20°	617.4	592.0	566.4	540.8	519.0	497.5	475.7	453.9	432.9	412.2	391.2
22.5°	605.9	572.4	538.9	505.4	482.5	459.3	436.5	413.3	394.0	374.6	355.3
25°	623.4	583.6	543.5	503.5	472.7	441.6	410.8	379.8	363.7	347.6	331.3
27.5°	602.9	552.8	502.9	452.8	419.8	386.6	353.6	320.4	317.9	315.5	312.8
30°	540.3	487.7	435.1	382.5	352.3	321.8	291.5	261.0	255.3	249.3	243.6
32.5°	502.9	449.3	395.6	341.9	314.9	287.7	260.7	233.5	226.9	220.4	213.9
35°	488.8	430.5	372.2	313.9	290.7	267.5	244.4	221.2	216.6	212.2	207.6
37.5°	477.3	419.6	361.5	303.5	281.2	258.8	236.2	213.9	210.3	206.8	203.2
40°	466.4	407.9	349.0	290.2	270.3	250.7	230.8	210.9	208.7	206.5	204.1
42.5°	456.6	399.7	342.5	285.5	267.8	250.4	232.7	215.0	212.8	210.6	208.4
45°	451.2	395.6	340.0	284.4	271.6	258.8	245.7	232.9	227.8	222.6	217.1
47.5°	447.1	395.0	343.0	291.0	277.6	264.3	250.9	237.6	232.9	228.3	223.4
50°	447.9	398.0	347.9	297.8	281.7	265.4	249.3	232.9	232.4	231.9	231.3
52.5°	455.3	402.4	349.3	296.1	278.7	261.3	243.6	226.1	229.7	232.9	236.5
55°	444.6	389.6	334.3	279.3	262.6	246.3	229.7	213.1	217.7	222.0	226.7
57.5°	432.6	373.0	313.3	253.6	241.1	228.6	215.8	203.2	208.1	213.3	218.2
60°	392.9	338.4	283.9	229.4	221.0	212.5	204.1	195.6	197.8	200.0	202.2
62.5°	349.3	303.2	257.5	211.4	204.9	198.1	191.5	184.7	184.7	185.0	185.0
65°	321.5	282.0	242.5	203.0	195.6	188.3	180.6	173.3	172.2	171.1	170.0
67.5°	293.7	262.6	231.3	200.0	189.3	179.0	168.4	157.7	156.4	155.3	153.9
70°	271.9	244.1	216.3	188.5	176.5	164.8	152.8	140.9	139.8	138.9	137.9
72.5°	254.2	228.3	202.2	176.0	163.5	150.7	138.1	125.3	124.5	123.7	122.6
75°	227.5	204.6	181.4	158.3	146.0	134.0	121.8	109.5	108.4	107.6	106.5
77.5°	188.3	168.9	149.8	130.5	121.0	111.7	102.2	92.6	92.1	91.5	90.7
80°	144.9	130.0	114.7	99.7	93.4	86.9	80.6	74.1	73.8	73.6	73.0
82.5°	99.4	90.5	81.5	72.5	67.8	62.9	58.3	53.4	53.7	53.9	54.2
85°	56.7	53.4	50.4	47.1	43.3	39.8	36.0	32.1	33.0	33.8	34.3
87.5°	20.7	19.6	18.5	17.4	15.5	13.9	12.0	10.1	10.6	11.4	12.0
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



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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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	686.6	678.4	670.2	662.0	653.9	637.0	620.4	603.5	586.6	596.9	607.6
5°	733.7	719.8	705.6	691.7	677.6	669.7	661.8	653.9	646.0	650.1	654.4
7.5°	581.1	573.0	564.5	556.3	547.9	544.3	541.1	537.5	534.0	544.1	554.2
10°	514.9	503.5	492.0	480.3	468.9	462.1	455.3	448.4	441.6	444.4	447.1
12.5°	518.2	501.3	484.4	467.5	450.6	440.5	430.5	420.4	410.3	412.8	415.2
15°	490.1	472.7	455.3	437.8	420.4	408.7	396.7	385.0	373.0	368.9	364.5
17.5°	432.6	413.6	394.5	375.4	356.4	348.5	340.6	332.7	324.8	320.4	316.0
20°	370.3	352.5	334.8	317.1	299.4	294.0	288.5	282.8	277.4	274.6	271.6
22.5°	335.9	325.0	313.9	303.0	291.8	285.5	279.5	273.3	267.0	264.0	260.7
25°	315.2	317.4	319.9	322.0	324.2	321.5	318.5	315.8	312.8	313.9	314.7
27.5°	310.3	314.9	319.9	324.5	329.1	331.6	334.0	336.5	338.9	339.7	340.6
30°	237.6	240.0	242.2	244.7	246.8	253.6	260.5	267.0	273.8	284.4	295.3
32.5°	207.3	206.5	205.7	204.6	203.8	205.4	207.1	208.4	210.1	213.9	218.0
35°	203.0	201.1	198.9	197.0	194.8	195.6	196.4	197.3	198.1	201.1	204.1
37.5°	199.7	198.9	198.3	197.5	196.7	198.6	200.2	202.2	203.8	206.2	208.7
40°	201.9	201.6	201.3	200.8	200.5	201.6	202.7	203.8	204.9	208.1	211.4
42.5°	206.2	206.2	206.0	206.0	205.7	206.8	207.6	208.7	209.5	211.4	213.3
45°	212.0	211.4	211.1	210.6	210.1	209.8	209.8	209.5	209.2	210.3	211.7
47.5°	218.8	216.9	214.7	212.8	210.6	210.1	209.2	208.7	207.9	208.4	209.0
50°	230.8	225.6	220.7	215.5	210.3	209.0	207.6	206.2	204.9	204.6	204.6
52.5°	239.8	232.1	224.5	216.9	209.2	206.8	204.3	201.9	199.4	198.9	198.6
55°	231.0	225.3	219.9	214.1	208.4	204.9	201.1	197.5	193.7	192.9	192.1
57.5°	223.1	219.6	216.0	212.5	209.0	205.4	201.6	198.1	194.3	192.3	190.4
60°	204.3	204.3	204.6	204.6	204.6	200.8	197.0	193.2	189.3	187.4	185.8
62.5°	185.0	188.0	190.7	193.7	196.4	191.3	185.8	180.6	175.2	173.8	172.7
65°	168.9	169.7	170.8	171.6	172.5	168.4	164.3	160.2	156.1	155.3	154.2
67.5°	152.6	152.3	152.0	151.5	151.2	148.8	146.0	143.6	140.9	139.8	138.7
70°	136.8	136.5	136.2	135.7	135.4	133.2	131.0	128.9	126.7	125.9	125.1
72.5°	121.8	121.5	121.0	120.7	120.1	118.2	116.6	114.7	112.8	111.7	110.6
75°	105.4	104.9	104.3	103.8	103.3	101.6	100.0	98.1	96.4	95.4	94.3
77.5°	90.2	89.4	88.5	87.5	86.6	85.3	83.6	82.3	80.6	79.3	78.2
80°	72.7	72.2	71.7	70.8	70.3	68.9	67.6	65.9	64.6	62.9	61.6
82.5°	54.5	54.2	53.7	53.4	52.9	51.5	50.1	48.8	47.4	45.8	44.1
85°	35.1	34.9	34.6	34.3	34.1	33.0	32.1	31.1	30.0	28.3	27.0
87.5°	12.5	12.0	11.7	11.2	10.6	10.4	9.8	9.5	9.0	8.2	7.4
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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	617.9	628.3	628.5	628.5	633.4	638.1	628.5	619.0	609.2	599.7	590.1
5°	658.5	662.6	661.5	660.1	654.1	648.1	641.9	635.6	629.4	623.1	623.4
7.5°	564.2	574.3	582.5	590.4	582.8	575.1	571.0	567.0	562.9	558.8	558.2
10°	449.5	452.3	455.5	458.5	453.9	449.0	457.2	465.3	473.2	481.4	472.4
12.5°	417.7	420.1	414.4	408.4	406.5	404.6	402.7	400.5	398.6	396.4	395.3
15°	360.4	356.1	351.7	347.1	346.0	344.6	343.3	341.6	340.3	338.7	333.7
17.5°	311.7	307.3	300.0	292.3	289.3	286.1	285.3	284.4	283.3	282.5	277.9
20°	268.9	265.9	264.0	261.8	258.8	255.8	252.8	249.8	246.6	243.6	239.2
22.5°	257.7	254.5	252.0	249.3	248.7	248.2	242.7	237.0	231.6	225.9	223.4
25°	315.8	316.6	301.6	286.3	285.0	283.6	273.8	263.7	253.9	243.8	235.4
27.5°	341.1	341.9	341.4	340.8	336.5	331.8	315.2	298.3	281.7	264.8	252.8
30°	306.0	316.6	320.7	324.8	321.8	318.5	301.1	283.9	266.5	249.0	241.1
32.5°	221.8	225.6	232.4	238.9	242.5	245.7	240.3	234.8	229.4	224.0	222.6
35°	206.8	209.8	211.1	212.5	210.3	208.1	204.1	200.0	195.6	191.5	190.7
37.5°	210.9	213.3	216.0	218.8	212.8	206.5	201.9	197.5	192.9	188.3	184.4
40°	214.7	218.0	219.6	221.2	215.2	209.2	203.5	198.1	192.3	186.6	182.8
42.5°	215.2	217.1	220.1	223.1	214.7	206.0	200.8	195.3	190.2	184.7	180.9
45°	212.8	213.9	216.6	219.3	209.5	199.4	194.8	189.9	185.3	180.4	177.1
47.5°	209.2	209.8	212.0	213.9	203.5	192.9	188.5	184.2	179.5	175.2	171.9
50°	204.3	204.1	205.7	207.1	196.4	185.8	181.4	177.4	173.0	168.6	165.9
52.5°	198.1	197.5	199.2	200.5	189.3	178.2	174.4	170.8	167.0	163.2	161.0
55°	191.0	190.2	191.5	192.9	182.0	170.8	167.6	164.0	160.7	157.2	155.3
57.5°	188.3	186.4	187.2	188.0	175.7	163.5	160.2	156.9	153.7	150.4	149.0
60°	183.9	182.0	182.8	183.4	170.3	156.9	153.9	150.7	147.7	144.4	143.0
62.5°	171.4	170.0	171.1	172.2	160.5	148.5	145.8	143.3	140.6	137.9	136.0
65°	153.4	152.3	154.5	156.7	146.6	136.5	134.9	133.2	131.3	129.7	127.8
67.5°	137.6	136.5	138.7	140.9	133.5	126.1	124.5	122.9	121.2	119.6	118.5
70°	124.2	123.4	125.3	127.2	121.0	114.7	113.1	111.7	110.1	108.4	107.6
72.5°	109.3	108.2	110.6	112.8	107.6	102.2	100.8	99.2	97.8	96.2	95.6
75°	93.2	92.1	94.3	96.2	92.6	88.8	87.5	86.1	84.7	83.4	83.1
77.5°	76.8	75.5	77.6	79.6	77.4	74.9	73.8	72.5	71.4	70.0	70.0
80°	59.9	58.3	59.9	61.3	60.5	59.7	58.8	57.8	56.9	55.9	56.1
82.5°	42.5	40.9	41.7	42.5	43.0	43.6	43.6	43.6	43.6	43.6	43.6
85°	25.3	23.7	24.0	24.2	25.1	25.9	26.2	26.4	26.7	27.0	27.2
87.5°	6.5	5.7	5.2	4.4	5.2	5.7	6.3	6.5	7.1	7.4	7.4
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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	580.6	570.8	561.2	567.2	573.0	578.9	584.7	584.9	584.9	585.2	585.2
5°	623.9	624.2	624.4	618.7	613.3	607.6	601.8	598.8	595.8	592.6	589.6
7.5°	557.4	556.9	556.1	550.6	545.2	539.7	534.3	521.2	507.8	494.8	481.4
10°	463.2	454.2	444.9	442.7	440.8	438.6	436.5	432.9	429.6	426.1	422.6
12.5°	394.2	393.1	392.0	386.3	380.6	374.6	368.9	368.9	368.9	368.9	368.9
15°	328.6	323.7	318.5	315.8	312.8	310.0	307.0	305.7	304.3	303.0	301.6
17.5°	273.0	268.4	263.5	262.9	262.4	261.8	261.3	259.9	258.6	257.2	255.8
20°	234.8	230.5	226.1	227.8	229.4	230.8	232.4	231.0	229.7	228.0	226.7
22.5°	220.7	218.2	215.5	214.1	212.8	211.1	209.8	209.8	210.1	210.1	210.1
25°	227.2	218.8	210.3	206.2	202.2	197.8	193.7	192.1	190.7	189.1	187.4
27.5°	240.8	228.6	216.6	209.5	202.4	195.3	188.3	185.3	182.0	179.0	175.7
30°	232.9	225.0	216.9	208.7	200.5	192.3	184.2	180.4	176.5	172.5	168.6
32.5°	221.2	219.6	218.2	210.6	203.0	195.1	187.4	185.8	184.4	182.8	181.2
35°	189.6	188.8	187.7	185.8	183.9	182.0	180.1	177.9	175.7	173.5	171.4
37.5°	180.9	177.1	173.3	172.5	171.6	170.8	170.0	169.2	168.4	167.3	166.5
40°	179.0	175.2	171.4	170.0	168.6	167.0	165.6	165.9	166.5	166.7	167.0
42.5°	176.8	173.0	168.9	167.8	166.7	165.6	164.6	164.8	165.4	165.6	165.9
45°	174.1	170.8	167.6	165.6	164.0	162.1	160.2	161.8	163.5	164.8	166.5
47.5°	168.6	165.1	161.8	160.7	159.7	158.3	157.2	158.8	160.5	161.8	163.5
50°	162.9	160.2	157.2	156.9	156.7	156.1	155.8	156.9	158.0	159.1	160.2
52.5°	158.6	156.4	153.9	153.9	153.7	153.7	153.4	154.5	155.6	156.4	157.5
55°	153.7	151.8	149.8	150.1	150.7	150.9	151.2	152.3	153.7	154.7	155.8
57.5°	147.4	146.0	144.4	145.5	146.3	147.4	148.2	149.0	150.1	150.9	151.8
60°	141.4	140.0	138.4	139.5	140.9	141.9	143.0	143.9	144.7	145.5	146.3
62.5°	134.0	131.9	130.0	131.6	133.0	134.6	136.0	136.5	137.3	137.9	138.4
65°	126.1	124.2	122.3	123.4	124.5	125.3	126.4	127.2	128.0	128.9	129.7
67.5°	117.2	116.1	114.7	115.5	116.3	117.2	118.0	118.2	118.2	118.5	118.5
70°	106.5	105.7	104.6	105.2	106.0	106.5	107.1	107.1	107.1	106.8	106.8
72.5°	95.4	94.8	94.3	94.5	95.1	95.4	95.6	95.4	95.1	94.8	94.5
75°	82.8	82.6	82.3	82.6	83.1	83.4	83.6	83.4	82.8	82.6	82.0
77.5°	70.3	70.3	70.3	70.3	70.6	70.6	70.6	70.0	69.5	68.9	68.4
80°	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.4	55.9	55.0	54.5
82.5°	43.6	43.6	43.6	43.6	43.9	43.9	43.9	42.5	41.4	40.0	38.7
85°	27.2	27.5	27.5	27.8	28.1	28.1	28.3	26.4	24.8	22.9	21.0
87.5°	7.4	7.4	7.4	7.4	7.4	7.1	7.1	5.4	3.5	1.9	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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	586.8	588.5	589.8	591.5	591.8	592.0	592.0	592.3	586.6	580.9	574.9
5°	593.7	597.5	601.6	605.4	604.6	603.7	602.9	602.1	600.5	599.1	597.5
7.5°	478.4	475.7	472.7	469.7	472.1	474.6	477.1	479.5	480.6	481.7	482.5
10°	415.8	408.9	402.1	395.3	391.5	387.4	383.6	379.5	379.0	378.7	378.2
12.5°	361.8	354.5	347.4	340.0	337.8	335.4	333.2	330.7	332.9	335.1	337.0
15°	298.6	295.9	292.9	289.9	292.3	294.8	297.2	299.7	301.9	303.8	306.0
17.5°	254.5	253.4	252.0	250.7	252.8	255.3	257.5	259.6	264.5	269.4	274.4
20°	225.6	224.8	223.7	222.6	221.8	220.7	219.9	218.8	225.9	232.7	239.8
22.5°	208.4	206.8	205.2	203.5	203.8	204.1	204.1	204.3	210.1	216.0	221.8
25°	186.9	186.4	185.8	185.3	186.9	188.5	189.9	191.5	196.7	201.9	206.8
27.5°	176.0	176.3	176.5	176.8	179.0	181.4	183.6	185.8	189.3	192.9	196.4
30°	170.0	171.6	173.0	174.4	175.2	176.0	176.8	177.6	181.2	184.4	188.0
32.5°	179.0	176.8	174.4	172.2	173.3	174.6	175.7	176.8	180.1	183.4	186.6
35°	170.6	169.5	168.6	167.6	168.9	170.3	171.4	172.7	175.7	178.5	181.4
37.5°	166.2	165.9	165.6	165.4	166.2	167.0	167.6	168.4	171.1	173.8	176.3
40°	165.9	164.6	163.5	162.1	162.9	163.7	164.3	165.1	168.4	171.6	174.9
42.5°	164.3	162.7	160.7	159.1	159.9	161.0	161.8	162.7	166.2	169.5	173.0
45°	164.0	161.6	158.8	156.4	157.5	158.6	159.7	160.7	163.5	166.2	168.6
47.5°	161.0	158.6	156.1	153.7	154.2	154.7	155.0	155.6	158.0	160.2	162.7
50°	158.6	156.7	155.0	153.1	152.3	151.8	150.9	150.1	152.0	153.9	155.8
52.5°	155.6	153.7	151.5	149.6	148.5	147.4	146.3	145.2	146.8	148.2	149.8
55°	153.7	151.2	149.0	146.6	145.2	143.9	142.5	141.1	142.2	143.0	144.1
57.5°	149.6	147.4	144.9	142.8	141.1	139.5	137.6	136.0	136.5	137.0	137.6
60°	144.1	141.7	139.5	137.0	135.1	133.2	131.0	129.1	129.4	130.0	130.2
62.5°	136.2	134.0	131.6	129.4	127.2	125.3	123.1	121.0	121.5	121.8	122.3
65°	127.5	125.1	122.9	120.4	118.5	116.6	114.4	112.5	113.1	113.6	113.9
67.5°	116.9	115.0	113.3	111.4	109.8	107.9	106.3	104.3	104.6	104.9	105.2
70°	105.4	103.8	102.4	100.8	99.4	98.1	96.7	95.4	95.4	95.6	95.6
72.5°	93.2	91.8	90.5	89.1	87.7	86.6	85.3	83.9	84.5	85.0	85.3
75°	80.6	79.6	78.2	76.8	75.7	74.7	73.3	72.2	72.7	73.3	73.6
77.5°	67.6	66.7	65.7	64.8	63.8	62.7	61.3	60.2	60.8	61.3	61.6
80°	53.9	53.4	52.6	52.0	50.9	49.9	48.8	47.7	48.0	48.0	48.2
82.5°	39.0	39.2	39.2	39.5	38.7	37.6	36.8	35.7	35.7	35.7	35.4
85°	21.8	22.9	23.7	24.5	23.7	22.9	22.1	21.3	21.0	21.0	20.7
87.5°	0.8	1.4	2.2	2.7	2.5	2.2	1.6	1.4	1.6	1.9	1.9
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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	569.1	573.8	578.4	583.0	587.7	594.7	601.8	609.2	616.5	612.5	608.1
5°	595.8	598.6	601.6	604.3	607.0	614.9	622.5	632.1	641.3	640.2	638.9
7.5°	483.6	487.4	491.2	494.8	498.6	510.6	522.6	532.6	542.7	541.4	539.7
10°	377.6	385.5	393.7	401.6	409.5	419.3	428.8	437.3	445.7	459.9	473.8
12.5°	339.2	351.5	363.7	376.0	388.2	395.3	402.1	413.0	423.9	431.6	439.5
15°	307.9	319.3	330.7	342.2	353.6	354.2	354.7	366.2	377.6	384.1	390.4
17.5°	279.3	285.5	291.8	297.8	304.0	301.9	299.7	305.1	310.3	313.0	316.0
20°	246.6	250.9	255.3	259.6	264.0	267.0	269.7	273.0	276.0	273.3	270.3
22.5°	227.5	234.0	240.8	247.4	253.9	255.8	257.5	255.6	253.6	252.8	252.0
25°	212.0	219.9	228.0	235.9	243.8	247.7	251.5	253.1	254.5	251.5	248.5
27.5°	200.0	209.5	218.8	228.3	237.6	244.4	251.2	253.1	254.7	252.6	250.1
30°	191.3	201.6	212.0	222.3	232.7	243.0	253.1	262.1	270.8	270.0	269.2
32.5°	189.9	197.0	204.1	211.1	218.2	224.8	231.0	231.6	231.9	229.7	227.2
35°	184.2	188.8	193.4	198.1	202.7	206.8	210.6	210.1	209.5	207.3	205.2
37.5°	179.0	183.6	188.5	193.2	197.8	204.9	211.7	210.3	208.7	206.5	204.3
40°	178.2	183.4	188.5	193.4	198.6	205.2	211.7	210.3	209.0	206.2	203.5
42.5°	176.3	181.4	186.4	191.5	196.4	204.3	212.0	209.5	206.8	204.6	202.4
45°	171.4	176.0	180.6	185.3	189.9	198.3	206.8	203.8	200.8	200.0	198.9
47.5°	164.8	169.5	174.1	178.7	183.4	191.8	200.0	197.5	194.8	194.5	194.0
50°	157.7	162.1	166.7	171.1	175.5	183.9	192.1	189.9	187.7	188.0	188.0
52.5°	151.2	155.3	159.1	163.2	167.0	175.5	183.6	182.0	180.1	180.6	180.9
55°	144.9	148.2	151.5	154.7	158.0	166.2	174.4	171.9	169.5	170.3	171.1
57.5°	138.1	140.9	143.6	146.0	148.8	156.9	164.8	162.1	159.1	160.5	161.6
60°	130.5	133.0	135.4	137.6	140.0	147.4	154.5	152.0	149.3	151.2	152.8
62.5°	122.6	124.5	126.4	128.3	130.2	137.0	143.9	141.9	140.0	142.2	144.1
65°	114.4	115.8	117.4	118.8	120.1	126.7	133.0	131.6	130.2	132.1	134.0
67.5°	105.4	106.5	107.9	109.0	110.1	116.1	122.1	120.7	119.1	120.7	122.1
70°	95.6	96.7	97.5	98.6	99.4	104.9	110.3	108.4	106.3	107.9	109.3
72.5°	85.8	86.4	87.2	87.7	88.3	92.4	96.4	94.8	93.2	94.8	96.2
75°	74.1	74.7	75.2	75.7	76.3	79.8	83.1	81.2	79.0	80.6	82.3
77.5°	62.1	62.4	62.9	63.2	63.5	65.9	68.1	66.2	64.0	65.9	67.8
80°	48.2	48.5	48.8	48.8	49.0	49.9	50.7	49.3	47.7	50.1	52.6
82.5°	35.4	35.1	35.1	34.9	34.6	34.6	34.3	33.5	32.4	34.6	36.8
85°	20.4	20.2	19.6	19.3	18.8	18.0	17.2	16.9	16.6	18.5	20.4
87.5°	2.2	1.9	1.4	1.1	0.5	0.3	0.0	0.0	0.0	1.1	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	604.0	599.7	595.6	591.5	587.4	583.3	590.9	598.6	606.2	613.8	620.6
5°	637.8	636.4	632.9	629.6	626.1	622.5	624.4	626.6	628.5	630.4	634.5
7.5°	538.4	536.7	544.3	551.7	559.3	566.7	568.6	570.2	572.1	573.8	572.7
10°	488.0	501.8	505.4	508.7	512.2	515.5	520.9	526.4	531.5	537.0	540.0
12.5°	447.1	454.7	467.2	480.0	492.6	505.1	513.3	521.5	529.6	537.8	554.7
15°	397.0	403.2	412.8	422.3	431.8	441.4	453.1	465.1	476.8	488.5	507.0
17.5°	318.8	321.5	328.6	335.7	342.5	349.5	365.4	380.9	396.7	412.2	433.5
20°	267.5	264.5	264.5	264.8	264.8	264.8	280.6	296.1	312.0	327.5	355.5
22.5°	250.9	250.1	247.1	243.8	240.8	237.6	245.7	254.2	262.4	270.5	293.4
25°	245.2	242.2	238.4	234.6	230.8	226.9	232.1	237.3	242.5	247.7	265.6
27.5°	247.9	245.5	247.4	249.0	250.9	252.6	254.2	255.8	257.5	259.1	265.4
30°	268.4	267.5	270.5	273.3	276.3	279.0	275.2	271.6	267.8	264.0	266.2
32.5°	225.0	222.6	221.5	220.4	219.3	218.2	218.0	217.7	217.1	216.9	221.8
35°	203.0	200.8	199.2	197.5	195.6	194.0	194.8	195.3	196.2	196.7	202.2
37.5°	202.2	200.0	198.1	196.2	194.0	192.1	192.9	194.0	194.8	195.6	199.7
40°	200.8	198.1	197.0	195.9	194.8	193.7	194.3	194.8	195.1	195.6	198.6
42.5°	200.0	197.8	197.3	196.7	196.2	195.6	196.2	196.7	197.0	197.5	201.1
45°	198.1	197.0	197.5	198.1	198.6	199.2	199.2	199.2	199.2	199.2	203.0
47.5°	193.7	193.2	194.8	196.4	198.1	199.7	202.4	205.2	207.6	210.3	211.1
50°	188.3	188.3	191.0	193.7	196.2	198.9	205.4	211.7	218.2	224.5	220.4
52.5°	181.4	181.7	185.8	189.6	193.7	197.5	203.5	209.5	215.2	221.2	215.2
55°	171.6	172.5	177.6	182.5	187.7	192.6	197.3	201.9	206.5	211.1	204.9
57.5°	162.9	164.0	169.5	174.6	180.1	185.3	188.0	191.0	193.7	196.4	192.3
60°	154.7	156.4	163.5	170.6	177.4	184.4	182.3	180.1	177.6	175.5	175.2
62.5°	146.3	148.2	154.7	161.3	167.6	174.1	170.8	167.6	164.0	160.7	162.1
65°	135.7	137.6	140.6	143.6	146.3	149.3	149.0	149.0	148.8	148.5	151.2
67.5°	123.7	125.1	127.0	128.6	130.5	132.1	133.2	134.6	135.7	136.8	140.0
70°	110.9	112.2	114.2	115.8	117.7	119.3	120.7	122.1	123.1	124.5	127.8
72.5°	97.8	99.2	101.1	103.0	104.6	106.5	107.6	108.7	109.5	110.6	113.3
75°	83.9	85.5	87.5	89.1	91.0	92.6	93.4	94.3	95.1	95.9	98.4
77.5°	69.7	71.7	73.6	75.5	77.4	79.3	79.6	79.8	80.1	80.4	82.6
80°	54.8	57.2	59.1	61.0	62.9	64.8	64.8	64.8	64.8	64.8	65.9
82.5°	39.0	41.1	43.3	45.2	47.4	49.3	49.3	49.0	49.0	48.8	48.8
85°	22.3	24.2	25.6	27.2	28.6	30.0	30.0	30.0	29.7	29.7	29.2
87.5°	3.5	4.6	5.2	6.0	6.5	7.1	6.8	6.8	6.5	6.3	5.4
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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	627.4	634.3	641.1	640.0	638.9	637.8	636.7	640.8	644.6	648.7	652.5
5°	638.3	642.4	646.2	649.2	652.2	655.2	658.2	672.1	685.7	699.6	713.3
7.5°	571.6	570.2	569.1	581.9	595.0	607.8	620.6	638.3	656.1	673.8	691.5
10°	543.0	546.0	549.0	554.2	559.6	564.8	570.0	587.4	604.8	622.3	639.7
12.5°	571.3	588.2	604.8	608.9	613.3	617.4	621.4	625.0	628.5	631.8	635.3
15°	525.5	544.1	562.6	573.2	583.9	594.2	604.8	631.5	658.0	684.7	711.1
17.5°	454.4	475.7	496.7	522.8	549.0	575.1	601.3	625.8	650.3	674.6	699.1
20°	383.6	411.4	439.5	468.1	496.4	525.0	553.3	577.3	601.3	625.0	649.0
22.5°	316.0	338.9	361.5	396.4	431.0	465.9	500.5	545.2	589.6	634.3	678.7
25°	283.3	301.3	319.0	355.0	391.0	426.7	462.6	520.6	578.4	636.4	694.2
27.5°	271.9	278.2	284.4	317.1	349.5	382.2	414.7	477.3	540.0	602.4	665.0
30°	268.4	270.5	272.7	298.3	323.9	349.5	375.2	437.0	499.1	561.0	622.8
32.5°	226.4	231.3	235.9	261.0	285.8	310.9	335.7	398.0	460.2	522.6	584.7
35°	207.6	213.1	218.5	243.0	267.5	291.8	316.3	382.0	447.9	513.6	579.2
37.5°	203.8	207.9	212.0	239.8	267.5	295.3	323.1	389.6	456.1	522.6	589.0
40°	201.9	204.9	207.9	234.8	262.1	289.1	316.0	385.8	455.3	525.0	594.5
42.5°	204.3	207.9	211.1	235.7	259.9	284.4	308.7	380.9	452.8	525.0	596.9
45°	206.5	210.3	213.9	236.8	259.6	282.5	305.4	382.5	459.3	536.4	613.3
47.5°	211.7	212.5	213.1	232.9	252.6	272.4	292.1	370.5	449.0	527.2	605.6
50°	216.0	212.0	207.6	228.3	248.7	269.4	289.9	364.3	438.6	512.7	587.1
52.5°	209.2	203.0	197.0	219.3	241.7	263.7	286.1	360.4	435.1	509.5	583.9
55°	198.9	192.6	186.4	209.0	231.6	254.2	276.8	350.9	425.3	499.4	573.5
57.5°	188.5	184.4	180.4	198.9	217.7	236.2	254.7	335.1	415.2	495.6	575.7
60°	174.9	174.4	174.1	188.5	203.2	217.7	232.1	310.9	389.3	468.1	546.5
62.5°	163.2	164.6	165.6	177.4	189.1	200.5	212.2	288.2	364.5	440.5	516.6
65°	154.2	156.9	159.7	173.0	186.4	199.4	212.8	276.5	340.3	404.0	467.8
67.5°	143.3	146.6	149.8	167.3	184.7	202.2	219.6	272.2	324.8	377.3	429.9
70°	130.8	134.0	137.0	159.4	181.4	203.8	225.9	272.4	319.3	365.9	412.5
72.5°	116.1	118.8	121.5	145.5	169.5	193.4	217.4	256.9	296.4	335.7	375.2
75°	101.1	103.5	106.0	126.7	147.4	168.1	188.8	219.3	249.6	280.1	310.3
77.5°	84.5	86.6	88.5	102.4	116.3	130.2	144.1	167.6	190.7	214.1	237.3
80°	67.0	68.1	69.2	77.4	85.3	93.4	101.3	116.9	132.4	147.7	163.2
82.5°	49.0	49.0	49.0	54.2	59.7	64.8	70.0	77.9	85.5	93.4	101.1
85°	28.6	27.8	27.2	30.8	34.3	37.9	41.4	44.7	48.0	51.2	54.5
87.5°	4.6	3.5	2.7	4.9	7.1	9.3	11.4	12.5	13.9	15.0	16.1
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):

	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



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	643.2	634.3	625.0	615.7	629.4	643.0	656.6	670.2	706.5	728.0	729.3
5°	724.7	736.1	747.6	759.0	770.5	781.9	793.1	804.5	863.4	899.6	906.4
7.5°	710.3	729.3	748.1	766.9	799.4	831.8	864.2	896.6	946.5	982.4	1006.1
10°	663.1	686.6	710.0	733.4	771.8	810.5	848.9	887.4	940.2	987.6	1010.2
12.5°	672.7	710.0	747.0	784.4	817.6	851.1	884.4	917.6	954.1	972.1	1013.2
15°	737.0	762.8	788.7	814.6	864.7	914.6	964.7	1014.6	1035.3	1076.4	1113.5
17.5°	746.8	794.2	841.9	889.3	950.6	1011.9	1073.2	1134.5	1172.9	1226.0	1270.7
20°	716.3	783.3	850.6	917.6	996.6	1075.9	1154.9	1233.9	1282.7	1327.4	1396.6
22.5°	752.8	826.9	900.7	974.8	1079.7	1184.3	1289.2	1393.8	1495.7	1595.4	1642.3
25°	793.1	892.3	991.2	1090.1	1221.1	1351.9	1482.9	1613.7	1744.7	1838.2	1892.1
27.5°	764.8	864.2	963.9	1063.4	1225.5	1387.8	1549.9	1712.1	1852.4	1964.9	2011.2
30°	744.9	866.9	989.0	1111.0	1301.2	1491.4	1681.5	1871.7	2001.4	2127.0	2195.1
32.5°	741.3	898.0	1054.4	1211.0	1432.5	1653.7	1875.2	2096.5	2182.6	2294.0	2385.8
35°	751.1	923.3	1095.2	1267.1	1521.1	1775.0	2028.6	2282.6	2404.9	2515.2	2595.6
37.5°	781.1	973.2	1165.0	1357.1	1663.0	1969.2	2275.2	2581.2	2786.3	2988.2	3024.2
40°	798.0	1001.8	1205.3	1408.8	1764.6	2120.4	2476.3	2832.1	3068.0	3289.5	3304.5
42.5°	817.9	1038.8	1259.5	1480.5	1875.0	2269.7	2664.2	3058.8	3350.8	3588.9	3596.0
45°	840.8	1068.0	1295.5	1522.7	1934.6	2346.3	2758.2	3169.9	3523.0	3812.3	3741.8
47.5°	849.8	1094.1	1338.3	1582.4	2021.5	2460.5	2899.6	3338.6	3655.4	3918.6	3851.0
50°	853.3	1119.8	1385.9	1652.1	2107.1	2562.4	3017.3	3472.3	3794.6	4051.3	3947.7
52.5°	875.4	1166.9	1458.4	1749.9	2224.0	2698.0	3172.1	3646.1	3963.3	4209.8	4081.2
55°	905.1	1236.6	1567.9	1899.5	2390.2	2880.6	3371.2	3861.6	4179.9	4409.3	4249.9
57.5°	932.6	1289.8	1646.7	2003.6	2512.0	3020.6	3529.0	4037.4	4359.7	4586.6	4432.2
60°	919.2	1291.9	1664.6	2037.4	2537.0	3036.4	3536.1	4035.5	4401.4	4673.5	4594.5
62.5°	878.9	1241.3	1603.3	1965.7	2440.0	2914.1	3388.4	3862.5	4290.8	4639.8	4636.2
65°	801.3	1134.7	1467.9	1801.4	2240.3	2679.5	3118.4	3557.3	4062.2	4486.1	4513.6
67.5°	706.7	983.5	1260.3	1537.1	1950.4	2363.7	2777.0	3190.3	3730.1	4197.8	4221.6
70°	615.2	818.2	1020.9	1223.6	1586.5	1949.4	2312.0	2674.9	3220.0	3693.3	3715.1
72.5°	507.8	640.5	772.9	905.6	1199.6	1493.5	1787.2	2081.2	2559.9	2923.9	3046.8
75°	389.1	467.8	546.5	625.3	863.1	1101.0	1338.5	1576.4	1894.6	2163.2	2301.6
77.5°	278.2	319.0	359.9	400.8	602.9	805.1	1007.0	1209.1	1376.4	1528.7	1622.1
80°	182.5	201.6	221.0	240.0	408.1	576.2	744.1	912.1	1014.0	1095.8	1142.9
82.5°	110.6	120.1	129.4	138.9	275.2	411.4	547.3	683.6	741.9	780.8	822.8
85°	59.7	64.8	70.0	75.2	162.7	249.8	337.3	424.5	430.2	434.8	497.2
87.5°	17.4	19.1	20.4	21.8	36.0	50.4	64.6	78.7	49.0	30.5	62.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	721.4	717.9	714.4	710.5	707.0	692.0	677.3	662.3	647.3	661.8	675.9
5°	898.5	909.4	920.1	930.9	941.8	942.7	943.2	944.0	944.6	947.3	950.0
7.5°	1026.0	1045.4	1064.4	1083.8	1103.1	1118.1	1133.1	1148.4	1163.3	1149.7	1136.1
10°	1036.9	1077.8	1118.7	1159.5	1200.4	1207.8	1214.8	1222.2	1229.5	1239.4	1248.9
12.5°	1047.8	1097.7	1147.3	1197.1	1247.0	1268.8	1290.3	1312.1	1333.6	1344.2	1354.6
15°	1163.1	1192.5	1221.6	1251.1	1280.2	1295.2	1309.9	1324.9	1339.9	1348.9	1357.6
17.5°	1311.3	1322.2	1332.8	1343.7	1354.6	1364.7	1374.8	1384.8	1394.9	1396.6	1398.2
20°	1446.4	1448.6	1450.5	1452.7	1454.6	1433.3	1412.4	1391.1	1369.9	1373.7	1377.2
22.5°	1649.1	1637.1	1625.4	1613.4	1601.7	1561.7	1521.9	1481.8	1442.1	1424.9	1408.0
25°	1954.3	1923.7	1893.2	1862.7	1832.2	1768.4	1705.0	1641.2	1577.7	1540.4	1503.4
27.5°	2052.6	1986.1	1919.9	1853.5	1787.0	1738.8	1690.8	1642.6	1594.6	1535.5	1476.4
30°	2251.5	2146.6	2042.0	1937.1	1832.2	1785.6	1739.0	1692.2	1645.6	1585.1	1524.9
32.5°	2427.8	2318.8	2209.8	2100.6	1991.6	1903.3	1815.0	1726.8	1638.5	1597.6	1556.8
35°	2631.8	2494.8	2357.7	2220.7	2083.7	2007.9	1932.5	1856.7	1781.3	1719.4	1657.8
37.5°	2929.1	2783.3	2637.5	2491.5	2345.8	2243.3	2141.2	2038.7	1936.5	1902.5	1868.7
40°	3212.4	3040.2	2868.3	2696.1	2524.2	2445.7	2367.3	2288.5	2210.1	2152.6	2095.1
42.5°	3449.7	3279.4	3109.4	2939.1	2769.1	2711.9	2655.0	2597.8	2540.8	2493.4	2446.0
45°	3531.2	3392.2	3253.6	3114.6	2975.7	2955.5	2935.6	2915.4	2895.6	2860.4	2825.3
47.5°	3662.2	3520.5	3379.1	3237.5	3095.8	3103.2	3110.5	3118.1	3125.5	3127.4	3129.0
50°	3739.3	3604.7	3470.4	3335.8	3201.5	3237.2	3272.6	3308.3	3344.0	3424.9	3505.6
52.5°	3851.8	3719.7	3587.8	3455.7	3323.6	3384.1	3444.3	3504.7	3565.0	3678.3	3791.6
55°	3993.0	3866.6	3740.4	3614.0	3487.9	3546.7	3605.3	3664.1	3722.7	3848.8	3975.0
57.5°	4180.1	4044.7	3909.6	3774.2	3639.1	3693.3	3747.2	3801.4	3855.4	3975.3	4095.1
60°	4393.2	4246.1	4099.0	3951.6	3804.4	3819.4	3834.1	3849.1	3863.8	3993.8	4123.5
62.5°	4497.8	4361.6	4225.6	4089.4	3953.2	3911.5	3869.8	3827.9	3786.2	3902.5	4018.6
65°	4407.1	4313.4	4219.9	4126.2	4032.5	3958.9	3885.6	3812.1	3738.5	3811.2	3883.7
67.5°	4118.3	4065.2	4012.3	3959.2	3906.1	3782.6	3659.2	3535.5	3412.1	3417.0	3421.6
70°	3650.2	3636.1	3622.2	3608.0	3593.8	3408.3	3223.0	3037.5	2852.0	2823.6	2795.3
72.5°	3057.1	3066.4	3075.4	3084.6	3093.9	2894.5	2695.0	2495.6	2296.2	2249.0	2201.9
75°	2367.8	2419.0	2470.3	2521.8	2573.0	2382.3	2191.6	2000.6	1809.9	1751.8	1693.8
77.5°	1673.1	1768.7	1864.1	1959.7	2055.3	1882.9	1710.7	1538.2	1365.8	1328.2	1290.6
80°	1166.6	1213.5	1260.3	1307.2	1354.1	1267.4	1180.8	1094.1	1007.5	1017.9	1027.9
82.5°	849.8	860.7	871.3	882.2	893.1	857.7	822.2	786.6	751.1	778.1	805.1
85°	544.3	583.3	622.0	661.0	699.6	660.4	621.2	581.7	542.4	560.4	578.4
87.5°	121.8	192.6	263.5	334.6	405.4	367.3	329.4	291.2	253.1	235.9	219.0
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



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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: P596928

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	690.4	704.8	700.5	696.4	692.0	687.7	695.6	703.5	711.6	719.5	716.8
5°	953.0	955.7	929.9	904.2	878.4	852.5	868.6	884.6	900.7	916.8	911.1
7.5°	1122.5	1108.9	1093.9	1078.9	1063.6	1048.6	1045.4	1042.1	1038.6	1035.3	1030.9
10°	1258.7	1268.2	1258.4	1248.9	1239.1	1229.3	1206.4	1183.5	1160.3	1137.5	1127.9
12.5°	1365.2	1375.9	1378.3	1380.5	1382.9	1385.4	1359.8	1334.4	1308.8	1283.2	1260.1
15°	1366.6	1375.6	1383.5	1391.1	1399.0	1406.6	1390.8	1375.3	1359.5	1343.7	1336.3
17.5°	1400.1	1401.7	1395.2	1388.9	1382.4	1376.1	1369.9	1363.9	1357.6	1351.6	1339.9
20°	1381.0	1384.8	1384.0	1383.2	1382.1	1381.3	1381.8	1382.1	1382.7	1382.9	1376.4
22.5°	1390.8	1373.7	1377.2	1380.5	1384.0	1387.3	1397.1	1406.9	1417.0	1426.8	1453.0
25°	1466.0	1428.7	1423.0	1417.5	1411.8	1406.4	1432.0	1457.3	1482.9	1508.5	1551.0
27.5°	1417.0	1357.9	1344.8	1331.7	1318.6	1305.6	1344.5	1383.2	1422.2	1461.1	1504.4
30°	1464.4	1404.2	1375.3	1346.4	1317.3	1288.4	1325.7	1362.8	1400.1	1437.2	1485.1
32.5°	1515.9	1475.0	1455.7	1436.6	1417.3	1398.2	1401.2	1404.2	1407.2	1410.2	1477.7
35°	1596.0	1534.1	1515.1	1496.0	1476.9	1457.9	1489.7	1521.3	1553.2	1584.8	1642.0
37.5°	1834.7	1800.6	1766.3	1731.9	1697.3	1663.0	1681.8	1700.6	1719.4	1738.2	1792.1
40°	2037.6	1980.1	1974.4	1969.0	1963.2	1957.5	1959.2	1960.5	1962.2	1963.8	2009.8
42.5°	2398.3	2350.9	2321.8	2292.6	2263.5	2234.3	2232.4	2230.5	2228.3	2226.4	2261.0
45°	2789.8	2754.7	2732.9	2711.1	2689.0	2667.2	2632.6	2598.0	2563.2	2528.6	2558.8
47.5°	3130.9	3132.9	3172.4	3211.6	3251.1	3290.6	3231.5	3172.4	3113.2	3054.1	3015.2
50°	3586.5	3667.1	3676.7	3685.9	3695.5	3705.0	3604.7	3504.7	3404.5	3304.2	3263.4
52.5°	3905.2	4018.6	4003.9	3989.4	3974.7	3960.0	3902.0	3844.2	3786.2	3728.2	3639.1
55°	4101.4	4227.5	4216.4	4205.5	4194.3	4183.1	4140.9	4098.7	4056.4	4014.2	3916.4
57.5°	4215.0	4334.9	4338.2	4341.4	4344.7	4348.0	4336.8	4325.6	4314.5	4303.3	4176.1
60°	4253.4	4383.4	4384.7	4385.8	4387.2	4388.3	4370.6	4352.9	4334.9	4317.2	4234.1
62.5°	4134.9	4251.0	4256.2	4261.1	4266.2	4271.4	4259.1	4246.9	4234.6	4222.4	4160.8
65°	3956.5	4029.2	4030.6	4031.7	4033.0	4034.4	4003.3	3972.5	3941.5	3910.4	3895.7
67.5°	3426.6	3431.5	3460.3	3489.2	3518.1	3547.0	3549.4	3551.9	3554.6	3557.1	3535.8
70°	2767.0	2738.6	2770.0	2801.3	2832.6	2864.0	2877.3	2890.7	2904.3	2917.6	2927.4
72.5°	2154.5	2107.4	2130.5	2153.7	2177.1	2200.3	2180.4	2160.5	2140.6	2120.7	2183.7
75°	1635.8	1577.7	1574.7	1572.0	1569.0	1566.3	1556.2	1546.1	1535.8	1525.7	1584.5
77.5°	1252.7	1215.1	1217.0	1218.7	1220.6	1222.2	1211.8	1201.8	1191.4	1181.1	1203.7
80°	1038.3	1048.4	1048.6	1048.9	1049.2	1049.5	1039.7	1030.1	1020.3	1010.5	994.2
82.5°	832.3	859.3	859.0	859.0	858.7	858.5	857.9	857.4	856.6	856.0	829.3
85°	596.4	614.4	595.8	577.3	558.8	540.3	553.9	567.5	581.4	595.0	583.9
87.5°	201.9	185.0	162.9	141.1	119.1	97.0	120.7	144.4	168.4	192.1	205.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596928
 CATALOG NUMBER: MSA-SA2A-835-U-SLR

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: P596928

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0	592.0
2.5°	714.4	711.6	709.2	692.0	674.6	657.4	640.0	671.6	703.5	735.1	766.7
5°	905.6	899.9	894.4	893.1	891.7	890.1	888.7	904.8	920.9	936.7	952.7
7.5°	1026.6	1022.2	1017.9	1006.4	995.2	983.8	972.4	982.2	991.7	1001.5	1011.0
10°	1118.7	1109.1	1099.6	1074.8	1050.3	1025.5	1000.7	993.3	986.0	978.6	971.3
12.5°	1236.9	1213.5	1190.3	1162.3	1133.9	1105.9	1077.5	1073.7	1069.9	1066.4	1062.5
15°	1329.3	1321.9	1314.6	1292.2	1269.9	1247.5	1225.2	1195.2	1165.0	1135.0	1105.0
17.5°	1328.4	1316.7	1305.3	1335.3	1365.0	1394.9	1424.6	1392.7	1360.6	1328.7	1296.8
20°	1369.9	1363.0	1356.5	1411.8	1466.8	1522.2	1577.2	1559.8	1542.0	1524.6	1506.9
22.5°	1478.8	1505.0	1530.9	1578.3	1625.4	1672.8	1720.0	1739.8	1759.7	1779.6	1799.5
25°	1593.3	1635.8	1678.3	1748.8	1819.1	1889.7	1960.2	1974.4	1988.6	2002.8	2016.9
27.5°	1547.5	1590.8	1634.1	1687.5	1740.7	1794.1	1847.2	1909.3	1971.7	2033.8	2095.9
30°	1532.8	1580.7	1628.4	1701.7	1774.7	1848.0	1921.3	2006.8	2092.4	2177.7	2263.2
32.5°	1545.0	1612.6	1680.2	1779.3	1878.2	1977.4	2076.6	2166.5	2256.7	2346.6	2436.5
35°	1699.0	1756.2	1813.1	1924.0	2034.9	2145.8	2256.7	2362.1	2467.5	2572.7	2678.1
37.5°	1845.8	1899.8	1953.7	2067.0	2180.1	2293.5	2406.8	2573.3	2740.0	2906.5	3072.9
40°	2055.6	2101.6	2147.4	2244.4	2341.4	2438.4	2535.4	2736.2	2937.0	3137.8	3338.6
42.5°	2295.4	2330.0	2364.3	2464.8	2565.4	2665.9	2766.4	2984.9	3203.7	3422.2	3640.7
45°	2588.8	2619.0	2649.3	2718.5	2787.7	2857.1	2926.3	3151.7	3377.0	3602.3	3827.6
47.5°	2976.2	2937.2	2898.3	2932.3	2966.4	3000.4	3034.5	3257.4	3480.2	3702.8	3925.7
50°	3222.5	3181.6	3140.8	3143.8	3146.5	3149.5	3152.5	3360.3	3568.2	3775.8	3983.7
52.5°	3550.0	3460.6	3371.5	3370.7	3369.9	3368.8	3368.0	3549.2	3730.6	3911.8	4093.0
55°	3818.6	3720.8	3623.0	3603.9	3584.8	3565.5	3546.4	3725.7	3904.7	4084.0	4263.0
57.5°	4048.8	3921.3	3794.1	3764.1	3734.1	3704.2	3674.2	3867.4	4060.8	4254.0	4447.1
60°	4151.3	4068.2	3985.3	3948.6	3911.8	3875.0	3838.2	4002.8	4167.3	4331.6	4496.2
62.5°	4099.5	4037.9	3976.6	3985.1	3993.5	4002.0	4010.4	4104.4	4198.7	4292.7	4386.7
65°	3881.3	3866.6	3852.1	3920.2	3988.3	4056.4	4124.6	4125.9	4127.3	4128.6	4130.0
67.5°	3514.6	3493.3	3472.1	3613.7	3755.1	3896.8	4038.5	3971.2	3903.9	3836.9	3769.6
70°	2937.0	2946.8	2956.3	3149.2	3341.8	3534.7	3727.6	3630.1	3532.3	3434.7	3336.9
72.5°	2246.6	2309.8	2372.7	2572.7	2772.7	2972.7	3172.6	3061.2	2949.5	2838.1	2726.4
75°	1643.4	1702.2	1761.1	1958.6	2156.1	2353.9	2551.5	2419.0	2286.6	2154.5	2022.1
77.5°	1226.3	1249.2	1271.8	1436.1	1600.1	1764.4	1928.4	1795.4	1662.5	1529.8	1396.8
80°	978.1	961.7	945.7	1036.7	1127.7	1218.7	1309.6	1215.4	1120.8	1026.6	932.3
82.5°	802.9	776.2	749.8	783.6	817.3	851.4	885.2	809.7	734.2	658.8	583.3
85°	572.7	561.5	550.3	560.1	569.7	579.5	589.3	515.7	442.2	368.9	295.3
87.5°	219.0	232.7	246.3	261.8	277.1	292.6	307.9	241.1	174.4	107.9	41.1
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):

	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°	592.0	592.0
2.5°	779.7	792.8
5°	952.5	952.2
7.5°	1006.7	1002.1
10°	959.3	947.3
12.5°	1027.1	991.4
15°	1069.6	1033.9
17.5°	1243.2	1189.2
20°	1442.9	1378.6
22.5°	1701.7	1603.9
25°	1900.0	1782.9
27.5°	2026.5	1956.7
30°	2183.4	2103.6
32.5°	2377.6	2318.5
35°	2624.2	2570.0
37.5°	3056.0	3038.9
40°	3318.1	3297.4
42.5°	3641.5	3642.1
45°	3839.9	3852.1
47.5°	3956.7	3987.5
50°	4049.9	4115.8
52.5°	4183.1	4273.3
55°	4382.8	4502.4
57.5°	4549.0	4650.9
60°	4549.0	4601.6
62.5°	4385.3	4383.7
65°	4104.7	4079.1
67.5°	3737.4	3705.3
70°	3286.8	3236.4
72.5°	2664.0	2601.3
75°	1936.3	1850.2
77.5°	1356.0	1314.8
80°	952.2	972.1
82.5°	611.6	640.0
85°	291.0	286.6
87.5°	34.3	27.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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

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)